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ORA RDC Newsletter

Published Jointly by the Office of Research Administration and the Research Development Center

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May 1982

Volume XI/No. 11

ORA ISSUES REPORT

The Office of Research Administration has prepared a report entitled, "Levels and Trends in Sponsored Programs at the University of Minnesota." This report provides information concerning fiscal year 1981 expenditures for sponsored research and training programs by college and sponsor, and information on proposal and award levels during fiscal years 1980 and 1981 by collegiate unit and source. The report is being distributed to deans and department heads. A limited number of copies are available from ORA and can be obtained by calling 376-7358.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, agency deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college, and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

Questions regarding the following deadlines should be referred to ORA at 373-5925.

National Institutes of Health

Research Grants, New	July 1
Research Grants, Renewals	June 1
NHLBI, New Investigator Award-Research Grant	July 1
NIH, New Investigator Awards	July 1
NIH, Research Career Development Awards	June 1
NIH, Individual Postdoctoral Fellowships	June 1
NIH, Institutional Training Programs	June 1
NCI, Cancer Clinical Treatment Branch	July 1
Fogarty International Center, Health Scientists Exchange Programs with Poland, Romania, USSR	June 1
NHLBI, Clinical Investigators Award (Annual Deadline)	August 1
NIAMDD/NIA, SERCA: Diabetes Mellitus in the Elderly (Annual Deadline)	October 1
NIH, NRSA for Short-Term Training of Students in Health Professional Schools (Annual Deadline)	May 1
NHLBI, Preventive Cardiology Academic Award (Annual Deadline)	April 1

NIH, Support of Meetings (Scientific, U.S.A. or International)	June 1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects (Annual Deadline)	June 1
NEY/NHLBI/NIAID/NIAMDD/NICHHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes (Annual Deadline)	June 1
NIAMDD, Clinical Investigator Award	June 1
NIGMS, NIGMS Shared Instrumentation Grants (Letter of intent by 11/15) (Annual Deadline)	February 15
NEY, National Eye Institute - Small Grants Program	June 1
NINCDS, Support of Research Centers and Program Projects	June 1
NHLBI/NIA/NIAID/NIADDD/NICHHD/NIGMS, Studies on Nutritional Support of the Patient	July 1
NIAID, RFA: NIH-NIAID 82-5, Sexually Transmitted Diseases Research Units	October 15
Fogarty International Center, French NIH and Medical Research Postdoctoral Fellowships	October 1
Fogarty International Center, French National Center for Scientific Research Program for Scientific Collaboration	October 1
NIA, Academic Award	June 1
NICHHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects (Annual Deadline)	June 1
NIDR, New Investigator Research Award in Nutrition (Dental Caries-Periodontal Disease-Oral Soft Tissue Disease-Craniofacial Anomalies)	July 1
NICHHD, New Investigator Research Award in Nutrition (Nutrition and Reproduction, Developmental Nutrition, Infant Nutrition, Nutritional Individuality, Cultural and Behavioral Aspects of Nutrition, etc.)	July 1
NCI, New Investigator Research Award in Nutrition (Nutritional Biochemistry, Nutritional Physiology, Nutritional Microbiology, Nutritional Immunology, Nutritional Epidemiology)	July 1
NIA, New Investigator Research Award in Nutrition	July 1
NIAMDD, New Investigator Research Award in Nutrition	July 1
NIAID, Clinical Investigator Award	June 1
NIA, Small Grants Program	June 1
NIDR, Small Grants Program	June 1
NIA, Teaching Nursing Home Plant (Letter of intent by 10/1) Revised Deadline	February 1
NCI, RFA: Grants in Nutrition - NCI - Training	June 1
NCI, Experimental Research Related to Biological Effects of Low Doses of Ionizing Radiation	July 1
NIDR, Diet and Nutrition Research	July 1
NINCDS, Clinical Studies of Chemosensory Disorders: Individual National Research Service Award	June 1
Institutional National Research Service Award	June 1
NINCDS, Clinical Research Training Speech and Language Disorders - Institutional National Research Service Award	June 1
NINCDS, Tinnitus Research	July 1
NIA, Research on Urinary Incontinence in the Elderly	July 1

NIA, Health and Effective Functioning in the Middle and Later Years	July 1
NIA, Program Project Research Grant	June 1
NIDR, Dental Implant Research	July 1
NICHHD, Effective Fertility Regulation Research Projects	July 1
New Investigator Research Award	July 1
Program Project Grant	June 1
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International Exploratory/Developmental Research Grant	October 15
NICHHD, Center for Population Research, Reproductive Sciences Program, Reproductive Disorders in Women	July 1
NICHHD/NIADDKD/NIAID, Research Grant Support in Nutrition-Environmental and Host Factors Affecting Nutritional Requirements	July 1
NINCDs, Clinical Otolaryngologic Research Centers	June 1
NHLBI, RFA: Use of Perfluorochemicals in Basic and Applied Research	June 1
NCI, RFA: NCI-DRCCA-CCB-82-6 Cancer Control Research Units for Defined Populations (Letter of intent by 4/30)	August 15
NCI, Research Related to Genetic Susceptibility to Human Breast Cancer	July 1
NIAID, RFA: 82-4, Program Projects in Mechanisms of Immunologic Diseases (Letter of intent by 3/15)	June 15
NINCDs, Research Grants Related to the Etiology, Developmental Embryology, and Natural History of Neural Tube Defects: Program Project	June 1
Research Grants	July 1
Fogarty International Center, Senior International Fellowships for 1983-84	June 1
NINCDs/NICHHD, Research Grants on Brain Dysfunction in Disorders of Learning	July 1
NHLBI, RFA: NIH-NHLBI-DLD-82G-B, Specialized Centers of Research in Adult Respiratory Failure (Letter of intent by 7/1)	September 15
NCI, RFA: NIH-NCI-DRCCA-82-2, The Role of Natural Inhibitors in the Prevention of Cancer (Letter of intent by 4/30)	June 15
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NIH, DRR, SERCA: Award in Laboratory Animal Science	June 1
NIH, National Research Service Awards for Senior Fellows	June 1

Alcohol, Drug Abuse, and Mental Health

Research Grants, New	July 1
Research Grants, Renewals	June 1
Individual Postdoctoral Fellowships	June 1
Institutional Training Grants, NRSA	June 1
Small Grants Program	Open
Research Scientist Development/Research Scientist Award	June 1
NIMH, Research in Neurosciences, Behavioral Sciences, Epidemiologic Research, Clinical (Assessment and Etiological) Research, Treatment Research, and Prevention Research:	
Research Scientist Development Proposals	June 1
Program Project Proposals	June 1
Clinical Research Center Proposals	June 1
NIAAA, Research Grants Program (Etiology, Early Identification and Diagnosis, Pathogenesis, Treatment, Prevention, and Basic Tools and Methodologies)	July 1
NIAAA, Alcohol Research Center Grants	June 1
NIDA, Research Grants Program (Epidemiology of Drug Abuse, Etiology of Drug Abuse, Drug Abuse Treatment, Prevention, Adverse Effects and Clinical Pharmacology of Abused Substances, Basic Research and Methodological Development)	July 1
NIAAA/NIDA/NIMH, Individual NRSA	June 1
NIAAA/NIDA/NIMH, Institutional NRSA Training	June 1

Food and Drug Administration

Research Grants, New	July 1
Research Grants, Renewals	June 1

Department of Education

National Diffusion Network Program-New Developer Demonstrator Grants	June 2
Fellowships for Education for the Public Service Program	May 10
Rehabilitation Continuing Education Programs New Projects	May 24
State Vocational Rehabilitation Unit In-Service Training Program New Projects	May 24
Rehabilitation Long-Term Training Projects Non-Competing Continuations	May 17
New Projects	May 24
Experimental and Innovative Training Projects Non-Competing Continuations	May 17
Projects for Initiating Special Recreation Programs for Handicapped Individuals New Projects	June 23
Service Projects and Demonstrations for Providing Vocational Rehabilitation Services to Severely Handicapped Individuals Non-Competing Continuations	May 14

Special Projects and Demonstrations for Providing Vocational Rehabilitation Services to Severely Handicapped Individuals (Spinal Cord Injury System Projects) New Projects	June 23
Undergraduate International Studies and Foreign Language Program New Projects	May 21

Questions regarding the following deadlines should be referred to ORA at 373-2784.

National Science Foundation

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed for each entry. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

U.S.-Pakistan Cooperative Science (Brochure NSF 80-49). For travel between October 1 and December 31, 1982. Contact Ms. Hildegard Kramer, Division of International Programs (202) 357-9550	June 1
U.S.-India Cooperative Science (Brochure NSF 80-53). For travel between October 1 and December 31, 1982. Contact Ms. Hildegard Kramer, Division of International Programs (202) 357-9550	June 1
Industry/University Cooperative Research Centers. Contact Mr. Robert Colton or Mr. Alex Schwarzkopf, Division of Industrial Science and Technological Innovation (202) 357-7527	June 1
U.S.-Republic of Korea Cooperative Science (Brochure NSF 81-30). This is a new deadline. Proposals received prior to July 1, 1982, will be handled individually on a case by case basis. Proposals for cooperative research in biochemical engineering, marine science, and other areas; short- and long-term visits; and seminars. Contact Dr. Gerald A. Edwards, Division of International Programs (202) 357-9537	July 1
Oceanographic Facilities and Support. Contact Mr. Ronald La Count, Division of Ocean Sciences (202) 357-7837	July 1
Materials Research Laboratories. Contact Dr. William Oosterhuis, Division of Materials Research (202) 357-9791	July 15
Ethics and Values in Science and Technology. Formal proposals (Brochure SE 80-62). Contact Dr. Rachelle Hollander, Intergovernmental and Public Service Science and Technology Programs (202) 357-7552	August 1

- U.S.-France Cooperative Science. Joint seminars.
(Brochure NSF 80-48). Contact Dr. Stephen Mosier,
Division of International Programs (202) 357-7554 August 1
- Information Science and Technology. Special research ini-
tiation awards for new investigators. Contact
Dr. Edward Weiss, Division of Information Science and
Technology (202) 357-9569 August 4
- U.S.-Scandinavia and the Netherlands Cooperative Science
(Finland and Sweden). Long-term research visits
starting in spring semester. Contact Mr. Henryk
Uznanski, Division of International Programs
(202) 357-7554 August 15
- U.S.-Pakistan Cooperative Science (Brochure NSF 80-49).
For travel between January 1 and March 31, 1983.
Contact Ms. Hildegard Kramer, Division of International
Programs (202) 357-9550 September 1
- U.S.-India Cooperative Science (Brochure NSF 80-53). For
travel between January 1 and March 31, 1983. Contact
Ms. Hildegard Kramer, Division of International Programs
(202) 357-9550 September 1
- U.S.-India Exchange of Scientists (Brochure NSF 78-66).
For travel between May 15 and November 15, 1983.
Contact Ms. Hildegard Kramer, Division of International
Programs (202) 357-9550 September 15
- U.S.-Australia Cooperative Science (Brochure NSF 81-49).
For all projects, including cooperative research (short-
or long-term visits) and joint seminars/workshops, with
requested effective dates falling between July 1 and
December 31, 1983. Contact Mr. Alan Milsap, Division of
International Programs (202) 357-9558 October 1
- U.S.-New Zealand Cooperative Science (Brochure NSF 81-50).
For all projects, including cooperative research (short-
or long-term visits) and joint seminars/workshops, with
requested effective dates falling between July 1 and
December 31, 1983. (Priority consideration is given to
proposals in ocean sciences.) Contact Mr. Alan Milsap,
Division of International Programs (202) 357-9558 October 1
- U.S.-France Exchange of Scientists (Brochure NSF 80-30).
Contact Dr. Stephen Mosier, Division of International
Programs (202) 357-7554 October 1

Target Dates for NSF Proposals: Proposals received after this cutoff
date will be reviewed although they may miss a particular panel
meeting.

- Metabolic Biology. Contact Dr. Elijah Romanoff, Division
of Physiology, Cellular, and Molecular Biology
(202) 357-7987 June 1
- United States Antarctic Research. Obtain brochure and
proposal preparation kit from Division of Polar Programs
before submitting proposal. Contact Mr. Guy Guthridge,
Division of Polar Programs (202) 357-7817 June 1

Ocean Sciences Research. Contact Dr. Robert Wall, Division of Ocean Sciences (202) 357-7912	June 15
Alternative Biological Resources. Contact Dr. H. T. Huang, Division of Physiology, Cellular, and Molecular Biology (202) 357-9782	July 1
Biochemistry. Contact Dr. Michael Cusanovich, Division of Physiology, Cellular, and Molecular Biology (202) 357-7945	July 1
Biophysics. Contact Dr. Arthur Kowalsky, Division of Physiology, Cellular, and Molecular Biology (202) 357-7777	July 1
Cell Biology. Contact Dr. Jack Pate, Division of Physiology, Cellular, and Molecular Biology (202) 357-7474	July 1
Cell Physiology. Contact Dr. Joseph Albright, Division of Physiology, Cellular, and Molecular Biology (202) 357-7377	July 1
Developmental Biology. Contact Dr. Mary Clutter, Division of Physiology, Cellular, and Molecular Biology (202) 357-7989	July 1
Genetic Biology. Contact Dr. DeLill Nasser, Division of Physiology, Cellular, and Molecular Biology (202) 357-9687	July 1
Regulatory Biology. Contact Dr. Bruce Umminger, Division of Physiology, Cellular, and Molecular Biology (202) 357-7975	July 1
Climate Dynamics. Contact Dr. Alan Hecht, Division of Atmospheric Sciences (202) 357-9892	August 1
Ethics and Values in Science and Technology. Preliminary proposals (Brochure SE 80-62). Contact Dr. Rachelle Hollander, Intergovernmental and Public Service Science and Technology Programs (202) 357-7552	September 1
Earth Sciences: Geology, Geophysics, Geochemistry, and Petrology. Contact Dr. Robin Brett, Division of Earth Sciences (202) 357-7958	September 1
Arctic Research Program (Brochure available from Polar Programs). Contact Mr. Guy Guthridge, Division of Polar Programs (202) 357-7817	September 1
Economics. Contact Dr. Daniel Newlon, Dr. James Blackman, or Dr. Lynn Pollnow, Division of Social and Economic Science (202) 357-9675	September 1
Geography and Regional Science. Contact Dr. James Blackman, Division of Social and Economic Science (202) 357-9674	September 1
Political Science. Contact Dr. Frank Scioli, Jr., Division of Social and Economic Science (202) 357-7534	September 1
Law and Social Sciences. Contact Dr. Felice Levine, Division of Social and Economic Science (202) 357-9567	September 1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg or Dr. Trudi Miller, Division of Social and Economic Science (202) 357-7417	September 1
Sociology. Contact Dr. James Zuiches, Division of Social and Economic Science (202) 357-7802	September 1

Measurement Methods and Data Resources. Contact Dr. Murray Aborn, Division of Social and Economic Science (202) 357-7913	September 1
History and Philosophy of Science. Contact Dr. Ronald Overmann, Division of Social and Economic Science (202) 357-7617	September 1
Biological Instrumentation. Contact Dr. Robert Newburgh, Division of Physiology, Cellular, and Molecular Biology (202) 357-7652	September 30

PRIVATE

Questions regarding the following deadlines should be referred to ORA at
373-1920.

American Chemical Society - Petroleum Research Fund Grants-in-Aid	No Deadline
American Heart Association Grants-in-Aid	October 1
Investigatorship Fellowship Awards	July 1
American Philosophical Society Grants-in-Aid	Various--Contact ORA
Cystic Fibrosis Foundation New Investigator Research Grants	September 1
Research Scholar Awards	September 1
Research Grants	September 1
Research Fellowships	September 1
Student Traineeships	October 1
Deafness Research Foundation	July 15
Engineering Foundation Pre-proposals	No Deadline
Epilepsy Foundation of America Research Grants	September 1
Merritt-Putnam Clinical Research Fellowships	September 1
Foundation for the Advancement of Computer-Aided Education	August 6
Gas Research Foundation Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline
Juvenile Diabetes Foundation Career Development Awards	October 1
Postdoctoral Fellowships	October 1
Leukemia Society of America	September 1
March of Dimes Basil O'Connor Starter Research Grants	Continuous
Medical Services	June 1
Reproductive Hazards in the Workplace	June 1
Clinical	August 1
Social and Behavioral Science	September 1
Basic	October 1
Minnesota Humanities Commission-Public Issue and General Humanities Projects Draft Application	July 23
Final Application	August 13

Minnesota Medical Foundation	June 30 & September 30
Muscular Dystrophy Association	
Grants-in-Aid (Preliminary letter requesting application prior to 5/31 for grant period beginning 1/1)	June 30
National Foundation for Ileitis and Colitis	
Research Training Awards Program	August 1
Senior Fellowship Awards	August 1
National Geographic Society	
Grants-in-Aid	No Deadline
National Multiple Sclerosis Society	
Research Grants	July 15
Damon Runyon-Walter Winchell Cancer Fund	
Fellowship Grants	August 15
Human Cancer-Directed Fellowship Grants	August 15
Technicon Instruments Corporation	
Grants for Research in Biomedical and Industrial Instrumentation	
Pre-proposals	No Deadline
The Twentieth Century Fund	
Public Policy Research (economic, social and political issues)	No Deadline
University Genetics Company (UGEN)	No Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

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Volume XII/No. 1

NEW INDIRECT COST AGREEMENT RATES

The University has recently negotiated an indirect cost agreement for fiscal year 1982-83 with our cognizant agency, the Department of Health and Human Services. The date of the agreement is May 20, 1982 and will be effective July 1, 1982.

	<u>On-campus</u>	<u>Off-campus</u>
Campus Rates		
Research	39.0	23.0
Instruction (Training)	103.0	72.0
Other Sponsored Agreements	26.0	15.0
Hormel Institute	57.3	N/A
S.A.F.H.L.	100.0	N/A

In order to be in full compliance with OMB Circular A-21, "Cost Principles for Educational Institutions", the training rate had to be replaced with instruction and other sponsored agreement rates. Since most training grants limit the indirect costs to 8%, the negotiated rate becomes irrelevant. However, in those situations where there are no restrictions, please call the appropriate grant administrator in the Office of Research Administration for the rate to be used in your situation. The other sponsored agreement rate is to be used for public service and other agreements that are not research or instruction.

These rates are to be applied to total direct costs (including fringe benefits) less capital equipment, stipends and tuition, and subcontracts. A subcontract is defined as an agreement with an outside party to do work that is scientific or technical in nature where the work is substantive to the objective of the project. Examples of agreements that would not be considered subcontracts are: maintenance agreements, consulting agreements, and editorial or typing service agreements.

The off-campus rate will be used when a person is off campus for 90 consecutive days or longer. When a project is both on- and off-campus, the TDC rate to be applied will be determined by the proportion of direct salaries and wages of the on- and off-campus personnel. If 50% or more of the direct salaries and wages are paid to on-campus personnel, the on-campus rate will be applied to the entire project, otherwise the off-campus rate will be applied to the entire project.

ENFORCEMENT OF PAGE LIMITATIONS TO
BEGIN ON PHS GRANT APPLICATIONS
(NIH, ADAMHA, FDA, ETC.)

Due to an increasing workload, PHS has indicated that effective with the October 1, 1982 receipt date, PHS 398 grant applications that exceed the

stated page limitations without the required brief explanation will be returned.

The PHS 398 grant application kit has specific instructions on page limitations for certain parts of an application. The biographical sketch is limited to two pages. In the Research Plan, the "Specific Aims" section is not to exceed one page, the "Significance" section is not to exceed three pages, and the "Progress Report/Preliminary Studies" section is not to exceed eight pages (excluding the lists of professional personnel and publications and the appendix).

NIH URGES CONSERVATION OF
PHS 398 FORMS

In order to conserve forms and reduce printing and mailing costs, NIH has issued the following guidelines for

investigators: (1) Extra PHS 398 grant application kits should not be saved or thrown away, but given to colleagues to use or returned to ORA. (2) Requests for application forms should be directed to ORA rather than NIH since ORA has been sent copies of the PHS 398 kits in bulk.

SUGAR ASSOCIATION, INC.

Proposals have been invited by the Sugar Association for possible funding

in the fall. Priorities for research funding by the Association currently are in the following order: Effects of Carbohydrates on 1) Oral Health, 2) Hyperactivity, 3) Metabolic Responses, 4) Obesity, 5) Heart Disease, and 6) Diabetes. Proposals are due at the Association by August 13, 1982. A copy of the announcement and application form may be obtained from ORA at 373-1970.

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Research Grants, New
Research Grants, Renewals

November 1
October 1

NHLBI, New Investigator Award-Research Grant	November 1
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NCI, RFA: Grants in Nutrition - NCI - Training	October 1
NCI, Experimental Research Related to Biological Effects of Low Doses of Ionizing Radiation	November 1
NIDR, Diet and Nutrition Research	November 1
NINCDS, Clinical Studies of Chemosensory Disorders: Individual National Research Service Award	October 1
Institutional National Research Service Award	October 1
NINCDS, Clinical Research Training Speech and Language Disorders - Institutional National Research Service Award	October 1
NINCDS, Tinnitus Research	November 1
NIA, Research on Urinary Incontinence in the Elderly	November 1
NIA, Health and Effective Functioning in the Middle and Later Years	November 1

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NICHHD, Effective Fertility Regulation Research Projects	November 1
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International Exploratory/Developmental Research Grant	October 15
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NICHHD/NIADDKD/NIAID, Research Grant Support in Nutrition-Environmental and Host Factors Affecting Nutritional Requirements	November 1
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NINCDS, Research Grants Related to the Etiology, Developmental Embryology, and Natural History of Neural Tube Defects:	
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Research Grants	November 1
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NINCDS, Research Grants in Neural Regeneration, Neural Plasticity and Related Developmental Biology	November 1
NHLBI, Small Vessel Protheses	November 1
NCI, Cancer Control Science Program (Letter of intent by 5/15)	August 15
NIAID; RFA: NIH-NIAID-82-6, Program Projects in Transplantation Immunology (Letter of intent by 4/30)	August 2
NIH, DRR, SERCA: Award in Laboratory Animal Science	October 1
NIH, National Research Service Awards for Senior Fellows	October 1
NIAID, RFA: NIH-NIAID 82-7, Asthma and Allergic Disease Centers (Letter of intent by 7/15)	October 15
NIAID, RFA: NIH-NIAID 82-8, Centers for Interdisciplinary Research on Immunologic Diseases (Letter of intent by 7/15)	October 1
NHLBI, RFA: NIH-NHLBI-82 G-J, Demonstration and Education Research in Heart, Blood Vessel, Lung, and Blood Diseases and Blood Resources (Letter of intent by 8/2)	October 15

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award for each: School of Medicine, Osteopathy, Dentistry, Public Health) (Annual Deadline)	September 1
NHLBI, Dietary Sodium and Its Role in the Prevention and Management of Hypertension	November 1
NIA, Pharmacology Program:	
Research Grants	November 1
Program Project Grants	October 1
Institutional NRSA	October 1
NIADDK, Research Interests in Epidermolysis Bullosa, Skin Diseases Program	November 1
NICHHD, Adolescence Research:	
Research Grants	November 1
New Investigator Research	November 1
Program Project Grants	October 1
 <u>Alcohol, Drug Abuse, and Mental Health</u>	
Research Grants, New	November 1
Research Grants, Renewals	October 1
Individual Postdoctoral Fellowships	October 1
Institutional Training Grants, NRSA	October 1
Small Grants Program	Open
Research Scientist Development/Research Scientist Award	October 1
NIAAAA/NIDA/NIMH, Individual NRSA	October 1
NIAAAA/NIDA/NIMH, Institutional NRSA Training	October 1
NIMH, Geriatric Mental Health Academic Awards (Awards limited to one per professional school)	November 1
NIMH, Research on Stress Reactivity in Adolescence	November 1
 <u>Center for Disease Control</u>	
Project Grants for Venereal Disease Research, Demonstrations, and Public Information and Education, FISCAL YEAR '83	July 1, 1983
 <u>Office of Human Development Services</u>	
Child Abuse and Neglect Grants Program, FY 1982:	
Demonstration and Research Priorities for Child Abuse and Neglect Program	July 19
Child Welfare Services Training Grants (Teaching Grants)	July 6
Child Welfare Services Training Grants (Traineeship Grants)	July 6
 <u>Food and Drug Administration</u>	
Research Grants, New	November 1
Research Grants, Renewals	October 1
 <u>Department of Education</u>	
Law-Related Education Program (New/Continuations)	July 30
National Institute of Handicapped Research	
Research and Training Center Grants	July 23

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|--|--------------|
| Ethics and Values in Science and Technology. Formal proposals (Brochure SE 80-62). Contact Dr. Rachele Hollander, Intergovernmental and Public Service Science and Technology Programs (202) 357-7552 | August 1 |
| U.S.-France Cooperative Science. Joint seminars. (Brochure NSF 80-48). Contact Dr. Stephen Mosier, Division of International Programs (202) 357-7554 | August 1 |
| Information Science and Technology. Special research initiation awards for new investigators. Contact Dr. Edward Weiss, Division of Information Science and Technology (202) 357-9569 | August 4 |
| U.S.-Scandinavia and the Netherlands Cooperative Science (Finland and Sweden). Long-term research visits starting in spring semester. Contact Mr. Henryk Uznanski, Division of International Programs (202) 357-7554 | August 15 |
| U.S.-Pakistan Cooperative Science (Brochure NSF 80-49). For travel between January 1 and March 31, 1983. Contact Ms. Hildegard Kramer, Division of International Programs (202) 357-9550 | September 1 |
| U.S.-India Cooperative Science (Brochure NSF 80-53). For travel between January 1 and March 31, 1983. Contact Ms. Hildegard Kramer, Division of International Programs (202) 357-9550 | September 1 |
| U.S.-India Exchange of Scientists (Brochure NSF 78-66). For travel between May 15 and November 15, 1983. Contact Ms. Hildegard Kramer, Division of International Programs (202) 357-9550 | September 15 |
| U.S.-Australia Cooperative Science (Brochure NSF 81-49). For all projects, including cooperative research (short- or long-term visits) and joint seminars/workshops, with requested effective dates falling between July 1 and December 31, 1983. Contact Mr. Alan Milsap, Division of International Programs (202) 357-9558 | October 1 |

- U.S.-New Zealand Cooperative Science (Brochure NSF 81-50).
For all projects, including cooperative research (short-
or long-term visits) and joint seminars/workshops, with
requested effective dates falling between July 1 and
December 31, 1983. (Priority consideration is given to
proposals in ocean sciences.) Contact Mr. Alan Milsap,
Division of International Programs (202) 357-9558 October 1
- U.S.-France Exchange of Scientists (Brochure NSF 80-30).
Contact Dr. Stephen Mosier, Division of International
Programs (202) 357-7554 October 1

Target Dates for NSF Proposals: Proposals received after this cutoff
date will be reviewed although they may miss a particular panel
meeting.

- Climate Dynamics. Contact Dr. Alan Hecht, Division of
Atmospheric Sciences (202) 357-9892 August 1
- Ethics and Values in Science and Technology. Preliminary
proposals (Brochure SE 80-62). Contact Dr. Rachelle
Hollander, Intergovernmental and Public Service Science
and Technology Programs (202) 357-7552 September 1
- Earth Sciences: Geology, Geophysics, Geochemistry, and
Petrology. Contact Dr. Robin Brett, Division of Earth
Sciences (202) 357-7958 September 1
- Arctic Research Program (Brochure available from Polar
Programs). Contact Mr. Guy Guthridge, Division of Polar
Programs (202) 357-7817 September 1
- Economics. Contact Dr. Daniel Newlon, Dr. James Blackman,
or Dr. Lynn Pollnow, Division of Social and Economic
Science (202) 357-9675 September 1
- Geography and Regional Science. Contact Dr. James
Blackman, Division of Social and Economic Science
(202) 357-9674 September 1
- Political Science. Contact Dr. Frank Scioli, Jr.,
Division of Social and Economic Science (202) 357-7534 September 1
- Law and Social Sciences. Contact Dr. Felice Levine,
Division of Social and Economic Science (202) 357-9567 September 1
- Regulation and Policy Analysis. Contact Dr. Laurence
Rosenberg or Dr. Trudi Miller, Division of Social and
Economic Science (202) 357-7417 September 1
- Sociology. Contact Dr. James Zuiches, Division of Social
and Economic Science (202) 357-7802 September 1
- Measurement Methods and Data Resources. Contact
Dr. Murray Aborn, Division of Social and Economic
Science (202) 357-7913 September 1
- History and Philosophy of Science. Contact Dr. Ronald
Overmann, Division of Social and Economic Science
(202) 357-7617 September 1
- Biological Instrumentation. Contact Dr. Robert Newburgh,
Division of Physiology, Cellular, and Molecular Biology
(202) 357-7652 September 30

PRIVATE

Questions regarding the following deadlines should be referred to ORA at 373-1920.

American Cancer Society	
Fellowship and Scholar Applications	October 1
Research Grants	November 1
American Chemical Society - Petroleum Research Fund	
Grants-in-Aid	No Deadline
American Council of Learned Societies	
Fellowships	September 30
Study Fellowships	November 15
Chinese Programs	November 3
American Diabetes Association - Minnesota Affiliate	
Research Grants	October 1
American Egg Board	
Graduate Fellowship in Product and Market Development	August 2
American Heart Association	
Grants-in-Aid	October 1
American Heart Association - Minnesota Affiliate	
Fellowships	November 15
Grants-in-Aid	November 30
American Iron and Steel Institute	August 1
American Philosophical Society	
Grants-in-Aid	Various--Contact ORA
Cystic Fibrosis Foundation	
New Investigator Research Grants	September 1
Research Scholar Awards	September 1
Research Grants	September 1
Research Fellowships	September 1
Student Traineeships	October 1
Deafness Research Foundation	July 15
Dermatology Foundation (Postmark Deadline)	September 2
Engineering Foundation	
Pre-proposals	No Deadline
Epilepsy Foundation of America	
Research Grants	September 1
Merritt-Putnam Clinical Research Fellowships	September 1
Foundation for the Advancement of Computer-Aided Education	August 6
Gas Research Foundation	
Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline
Juvenile Diabetes Foundation	
Career Development Awards	October 1
Postdoctoral Fellowships	October 1
Leukemia Society of America	September 1
March of Dimes	
Basil O'Connor Starter Research Grants	Continuous
Clinical	August 1
Social and Behavioral Science	September 1
Basic	October 1

Minnesota Humanities Commission-Public Issue and General Humanities Projects	
Draft Application	July 23
Final Application	August 13
Minnesota Medical Foundation	September 30 & December 31
National Foundation for Ileitis and Colitis	
Research Training Awards Program	August 1
Senior Fellowship Awards	August 1
National Geographic Society	
Grants-in-Aid	No Deadline
National Kidney Foundation	
Research Fellowships	October 1
National Multiple Sclerosis Society	
Research Grants	July 15
Orthopaedic Research and Education Foundation	
Research Grants	October 15
Pharmaceutical Manufacturers Association Foundation	
Research Starter Grant Program	September 1
Fellowships for Careers in Clinical Pharmacology	October 1
Faculty Development Awards in Pharmacology	September 15
Fellowships for Advanced Predoctoral Training in Pharmacology Toxicology	September 15
Faculty Development Awards in Clinical Pharmacology	October 1
Damon Runyon-Walter Winchell Cancer Fund	
Fellowship Grants	August 15
Human Cancer-Directed Fellowship Grants	August 15
Sugar Association, Inc.	August 13
Technicon Instruments Corporation	
Grants for Research in Biomedical and Industrial Instrumentation	
Pre-proposals	No Deadline
The Twentieth Century Fund	
Public Policy Research (economic, social and political issues)	No Deadline
University Genetics Company (UGEN)	No Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

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REMINDER-REVISED PROCEDURE FOR SUBMISSION OF NIH APPLICATIONS

cooperation in following these revised submission instructions is requested. The text of the new instructions (with revisions underlined) follows: "Mail or deliver the complete and signed typewritten original of the application (including the CHECKLIST) and six signed, exact photocopies, in one package, together with six copies of any APPENDIX materials, to the Division of Research Grants, Room 240, Westwood Building, 5333 Westbard Ave., Bethesda, MD 20205. The photocopies must be clear and single-sided. DO NOT BIND OR STAPLE THE SETS, but secure them with rubber bands or paper clips. Include the self-addressed, three-part postcard, PHS 3830 form, provided in the application kit."

The Division of Research Grants has initiated a more efficient processing of the PHS 398 grant application. Your

REMINDER-NEW FRINGE BENEFIT RATES

the period April 1, 1982 through September 30, 1982. The substantial increase in the rates is due to a combination of many factors, the main cause being increased costs combined with lower than anticipated salary increases. These rates are designed to recover actual state-supported costs and are applied uniformly to all University funds. It is anticipated they will remain at these levels for a least 18 months. If there are any questions relating to budgeting for these costs on grants and contracts, please call the appropriate grant administrator in the Office of Research Administration. Estimated rates to be used for budgeting purposes beyond September 30, 1982 are 23% for both academic and civil service staff.

The fringe benefit rates for billing purposes shown below are in effect for

	Academic %	Civil Service %
Health Plan	5.5000	8.7500
Unemployment Compensation	.1365	.1045
Workers Compensation	.0644	.1489
Group Life	.4000	.5791
Retirement	10.8991	5.2000
F.I.C.A.	6.0000	7.0000
	<u>23.0000</u>	<u>21.7825</u>

REMINDER-CHANGES IN EXPENDITURES
REPORTING FORMS FOR NIH AND
ADAMHA GRANTEES

In keeping with the intent of OMB Circulars A-102 and A-110 to standardize certain federal reporting requirements, NIH and ADAMHA grantees have recently been instructed to begin using, as promptly as possible, Form SF-269, "Financial Status Report," for non-categorical reporting on the status of funds for all non-construction grants. Continued use of the previous Form HEW-489 during the transition period is permissible, and will be utilized by ORA in reporting expenditures until the new forms are routinely distributed to grantees.

PHS/NIH/ADAMHA AND HRA ISSUE
REVISED ADMINISTRATIVE GUIDE-
LINES FOR NATIONAL RESEARCH
SERVICE AWARDS (NRSA'S)
INDIVIDUAL-INSTITUTIONAL
GRANTS

The administrative guidelines for the National Research Service Award program have been published as a special edition to the NIH Guide for Grants and Contracts. The guidelines have been revised to reflect the legislative changes enacted by the Omnibus Reconciliation Act of August 13, 1981 and other administrative changes.

The administrative guidelines for the National Research Service Award program have been published as a special edition to the NIH Guide for Grants and Contracts. The guidelines have been revised to reflect the legislative changes enacted by the Omnibus Reconciliation Act of August 13, 1981 and other administrative changes.

The publication provides specific information relating to eligibility, period of support, financial provisions, etc. Based on information reflected in this publication, reimbursement of the trainee's medical insurance will continue to be an appropriate cost under the institutional allowance and/or tuition and fee category, but reimbursement for family medical insurance will not be allowed. However, the trainee may elect personally to pay the differential between self and family options. A complete copy of this publication is being sent to current program directors and sponsors of institutional/individual fellowship recipients. A copy may be obtained from ORA by calling 373-5925.

NATIONAL INSTITUTE OF ARTHRITIS,
DIABETES AND DIGESTIVE AND
KIDNEY DISEASES (NIADDK) ISSUES
PRE-APPLICATION REQUIREMENTS
FOR PROGRAM PROJECT AND CENTER
APPLICATIONS

NIADDK has announced new pre-application procedures for prospective applicants responding to NIADDK program project and/or center grant announcements. Effective with the February 1, 1983 receipt date, prospective applicants must submit a letter of intent at least four months prior to the proposal submission deadline (i.e. October 1 for the February 1 receipt deadline). Applications not preceded by a letter of intent four months prior to the receipt date will be returned to the prospective applicant. A complete copy of this announcement may be obtained from ORA by calling 373-5925.

ROCKEFELLER FOUNDATION
HUMANITIES FELLOWSHIP

Applications will be accepted from writers and scholars in the traditional humanities, such as literature, history, and philosophy, for projects focusing on contemporary issues or values. First-stage proposals are due at the Foundation by October 1;

second-stage proposals, if requested, by January 7, 1983. Awards will be announced in March 1983.

POSTDOCTORAL GRANTS-IN-AID
PROGRAM OPPORTUNITY

The International Foundation of
Employee Benefit Plans has announced
a new program of Postdoctoral Grants-

in-Aid for original, personal research on some aspect of the retirement/health/welfare benefit system in North America. Stipends do not normally exceed \$5,000 for a 12 month period. Applicants must be U.S. or Canadian citizens or nationals, hold terminal degrees in their disciplines, be full-time employees of nonprofit educational or research institutions, and be eligible to remain at or return to the institution following completion of the grant-supported research. Contact Director of Research, International Foundation of Employee Benefit Plans, Postdoctoral Grants-in-Aid Program, 18700 W. Bluemound Rd., P.O. Box 69, Brookfield, WI 53005. Deadlines: November 15 and May 15.

FELLOWSHIP PROGRAM OPPORTUNITIES

The Mary Ingraham Bunting Institute of
Radcliffe College, a multi-disciplinary

community of scholars, creative writers, and artists, offers the following awards for 1983-84: 1) Bunting Fellowship Program for women to pursue independent study in academic or professional fields, in creative writing, or in the arts; 2) Science Scholars Fellowship Program for postdoctoral scientists to work in the Boston area on projects that will make a contribution to their fields; and 3) Non-Tenured Faculty Fellowship Program for junior faculty women to work in Boston on projects promising significant contributions to their fields. Contact Mary Ingraham Bunting, Institute of Radcliff College, 10 Garden St., Cambridge, MA 02138 (617) 495-8212. Deadline: October 8.

SENIOR FELLOWSHIP OPPORTUNITY

The Columbia University Society of
Fellows in the Humanities will offer

two Senior Fellowships in 1983-84 to scholars of particular accomplishment who have held the doctorate and have been teaching for at least five years but have not yet received tenure. Candidates must be nominated by their departments or appropriate interdepartmental committees. The Society will also appoint a number of postdoctoral fellows who will have received the Ph.D between January 1, 1981, and July 1, 1983. For details on the programs contact The Director, Society of Fellows in the Humanities, Heyman Center for the Humanities, 70-74 Morningside Dr., Columbia University, New York, NY 10027. Deadline: November 5.

SPONSOR DEADLINES FOR
RECEIPT OF APPLICATIONS

Following is a list of some, but not
all, agency deadlines occurring within
the next few months. All grant appli-

cations must be processed through the appropriate academic department, college, and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

Questions regarding the following deadlines should be referred to ORA at 373-5925.

National Institutes of Health

Research Grants, New	November 1
Research Grants, Renewals	October 1
NHLBI, New Investigator Award-Research Grant	November 1
NIH, New Investigator Awards	November 1
NIH, Research Career Development Awards	October 1
NIH, Individual Postdoctoral Fellowships	October 1
NIH, Institutional Training Programs	October 1
NHLBI, Clinical Investigators Award (Annual Deadline)	August 1
NIAMDD/NIA, SERCA: Diabetes Mellitus in the Elderly (Annual Deadline)	October 1
NIH, NRSA for Short-Term Training of Students in Health Professional Schools (Annual Deadline)	May 1
NHLBI, Preventive Cardiology Academic Award (Annual Deadline)	April 1
NIH, Support of Meetings (Scientific, U.S.A. or International)	October 1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects (Annual Deadline)	June 1
NEY/NHLBI/NIAID/NIAMDD/NICHHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes (Annual Deadline)	June 1
NIAMDD, Clinical Investigator Award	October 1
NIGMS, NIGMS Shared Instrumentation Grants (Letter of intent by 11/15) (Annual Deadline)	February 15
NEY, National Eye Institute - Small Grants Program	October 1
NINCDS, Support of Research Centers and Program Projects	October 1
NHLBI/NIA/NIAID/NIADDKD/NICHHD/NIGMS, Studies on Nutritional Support of the Patient	November 1
NIAID, RFA: NIH-NIAID 82-5, Sexually Transmitted Diseases Research Units	October 15
Fogarty International Center, French NIH and Medical Research Postdoctoral Fellowships	October 1
Fogarty International Center, French National Center for Scientific Research Program for Scientific Collaboration	October 1
NIA, Academic Award (Annual Deadline)	July 1
NICHHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects (Annual Deadline)	June 1
NIA, Small Grants Program	October 1
NIDR, Small Grants Program	October 1
NIA, Teaching Nursing Home Plant (Letter of intent by 10/1) Revised Deadline	February 1
NCI, RFA: Grants in Nutrition - NCI - Training	October 1
NCI, Experimental Research Related to Biological Effects of Low Doses of Ionizing Radiation	November 1
NIDR, Diet and Nutrition Research	November 1

NINCDS, Clinical Studies of Chemosensory Disorders: Individual National Research Service Award	October 1
Institutional National Research Service Award	October 1
NINCDS, Clinical Research Training Speech and Language Disorders - Institutional National Research Service Award	October 1
NINCDS, Tinnitus Research	November 1
NIA, Research on Urinary Incontinence in the Elderly	November 1
NIA, Health and Effective Functioning in the Middle and Later Years	November 1
NIA, Program Project Research Grant	October 1
NIDR, Dental Implant Research	November 1
NICHD, Effective Fertility Regulation Research Projects	November 1
New Investigator Research Award	November 1
Program Project Grant	October 1
NIAID, RFA: 82-1, International Collaboration in Infectious Diseases Research (Letter of intent by 4/1)	
International Program Project Grants	October 15
International Exploratory/Developmental Research Grant	October 15
NICHD, Center for Population Research, Reproductive Sciences Program, Reproductive Disorders in Women	November 1
NICHD/NIADDDK/NIAID, Research Grant Support in Nutrition-Environmental and Host Factors Affecting Nutritional Requirements	November 1
NINCDS, Clinical Otolaryngologic Research Centers	October 1
NCI, Research Related to Genetic Susceptibility to Human Breast Cancer	November 1
NINCDS, Research Grants Related to the Etiology, Developmental Embryology, and Natural History of Neural Tube Defects:	
Program Project	October 1
Research Grants	November 1
NINCDS/NICHD, Research Grants on Brain Dysfunction in Disorders of Learning	November 1
NHLBI, RFA: NIH-NHLBI-DLD-82G-B, Specialized Centers of Research in Adult Respiratory Failure (Letter of intent by 7/1)	September 15
NIEHS, Development of Diagnostic Technology for Use in Populations Exposed to Hazardous Chemicals	November 1
NIDR, Epidemiology of Oral Diseases in Minorities	November 1
NINCDS, Research Grants in Neural Regeneration, Neural Plasticity and Related Developmental Biology	November 1
NHLBI, Small Vessel Protheses	November 1
NCI, Cancer Control Science Program (Letter of intent by 9/15)	February 1
NIH, DRR, SERCA: Award in Laboratory Animal Science	October 1
NIH, National Research Service Awards for Senior Fellows	October 1
NIAID, RFA: NIH-NIAID 82-7, Asthma and Allergic Disease Centers (Letter of intent by 7/15)	October 15

NIAID, RFA: NIH-NIAID 82-8, Centers for Interdisciplinary Research on Immunologic Diseases (Letter of intent by 7/15) (Revised Deadline)	October 15
NHLBI, RFA: NIH-NHLBI-82 G-J, Demonstration and Education Research in Heart, Blood Vessel, Lung, and Blood Diseases and Blood Resources (Letter of intent by 8/2)	October 15
NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award for <u>each</u> : School of Medicine, Osteopathy, Dentistry, Public Health) (Annual Deadline)	September 1
NHLBI, Dietary Sodium and Its Role in the Prevention and Management of Hypertension	November 1
NIA, Pharmacology Program:	
Research Grants	November 1
Program Project Grants	October 1
Institutional NRSA	October 1
NIADDK, Research Interests in Epidermolysis Bullosa, Skin Diseases Program	November 1
NICHD, Adolescence Research:	
Research Grants	November 1
New Investigator Research	November 1
Program Project Grants	October 1
NIH, DRR, Biomedical Research Support Shared Instrumentation Grants	October 15
NIADDKD, Multipurpose Arthritis Centers (Letter of intent by 10/1)	February 1
NIDR, Long-Term Effects of Craniofacial Injuries	November 1
 <u>Alcohol, Drug Abuse, and Mental Health</u>	
Research Grants, New	November 1
Research Grants, Renewals	October 1
Individual Postdoctoral Fellowships	October 1
Institutional Training Grants, NRSA	October 1
Small Grants Program	Open
Research Scientist Development/Research Scientist Award	October 1
NIAAA/NIDA/NIMH, Individual NRSA	October 1
NIAAA/NIDA/NIMH, Institutional NRSA Training	October 1
NIMH, Geriatric Mental Health Academic Awards (Awards limited to one per professional school)	November 1
NIMH, Research on Stress Reactivity in Adolescence	November 1
NIMH, Preventive Intervention Research Centers	November 1
 <u>Center for Disease Control</u>	
Project Grants for Venereal Disease Research, Demonstrations, and Public Information and Education, FISCAL YEAR '83	July 1, 1983
 <u>Food and Drug Administration</u>	
Research Grants, New	November 1
Research Grants, Renewals	October 1

Department of Education

Training Program for Special Programs Staff and Leadership Personnel	August 12
Research in Education of the Handicapped:	
Student Initiated Research, 84.023A-B	September 1
Technology Projects, 84.023L	September 15
Parent Projects, 84.023P	September 15
School Based Research, 84.023J	September 15

National Institute of Education

Unsolicited Proposals	February 3
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Social Security Administration

Demonstration Projects to Involve Community and Corporate Business Leadership Effectively in Refugee Job Development and Job Placement Programs	August 20
Technical Assistance to Mutual Assistance Associations in Business Development and Business Management	August 20
Child Support Enforcement Research Demonstration Grants	August 13

Questions regarding the following deadlines should be referred to ORA at 373-2784.

National Science Foundation

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

Ethics and Values in Science and Technology. Formal proposals (Brochure SE 80-62). Contact Dr. Rachelle Hollander, Intergovernmental and Public Service Science and Technology Programs (202) 357-7552	August 1
U.S.-France Cooperative Science. Joint seminars. (Brochure NSF 80-48). Contact Dr. Stephen Mosier, Division of International Programs (202) 357-7554	August 1
Information Science and Technology. Special research initiation awards for new investigators. Contact Dr. Edward Weiss, Division of Information Science and Technology (202) 357-9569	August 4
U.S.-Scandinavia and the Netherlands Cooperative Science (Finland and Sweden). Long-term research visits starting in spring semester. Contact Mr. Henryk Uznanski, Division of International Programs (202) 357-7554	August 15

U.S.-Pakistan Cooperative Science (Brochure NSF 80-49). For travel between January 1 and March 31, 1983. Contact Ms. Hildegard Kramer, Division of International Programs (202) 357-9550	September 1
U.S.-India Cooperative Science (Brochure NSF 80-53). For travel between January 1 and March 31, 1983. Contact Ms. Hildegard Kramer, Division of International Programs (202) 357-9550	September 1
Arctic Research Program (Proposed Starting Dates: Early 1983)	September 1
Ethics and Values in Science and Technology (EVIST) Program - Preliminary Proposals with the earliest starting date of June 1, 1983	September 1
U.S.-India Exchange of Scientists (Brochure NSF 78-66). For travel between May 15 and November 15, 1983. Contact Ms. Hildegard Kramer, Division of International Programs (202) 357-9550	September 15
U.S.-Australia Cooperative Science (Brochure NSF 81-49). For all projects, including cooperative research (short- or long-term visits) and joint seminars/workshops, with requested effective dates falling between July 1 and December 31, 1983. Contact Mr. Alan Milsap, Division of International Programs (202) 357-9558	October 1
U.S.-New Zealand Cooperative Science (Brochure NSF 81-50). For all projects, including cooperative research (short- or long-term visits) and joint seminars/workshops, with requested effective dates falling between July 1 and December 31, 1983. (Priority consideration is given to proposals in ocean sciences.) Contact Mr. Alan Milsap, Division of International Programs (202) 357-9558	October 1
U.S.-France Exchange of Scientists (Brochure NSF 80-30). Contact Dr. Stephen Mosier, Division of International Programs (202) 357-7554	October 1
U.S.-Italy Cooperative Science Program (For Cooperative Research or Joint Workshops with proposed starting dates between May 1, 1983 and April 30, 1984)	October 1
Specialized Engineering Research Equipment Grants (Announcement of Awards: April 1, 1983)	November 1
U.S.-Latin America Cooperative Science Program (For Cooperative Research with a proposed starting date of July/August 1983; for Research-Oriented Workshops with proposed starting dates of November/December 1983)	November 1
U.S.-Switzerland Cooperative Science Program (For Joint Research and Joint Workshops/Seminars to start August 1983)	November 1
Computer Science and Computer Engineering Research Equipment Program (For Funding in Summer 1983)	November 15
Program for the Analysis of Science Resources (Division of Science Resources Studies) - Earliest Starting Date: September 1, 1983	November 15

Regional Research Conferences in the Mathematical Sciences (For Summer 1983 Starting Dates)	November 15
U.S.-Israel Binational Science Foundation Grants (Earliest Starting Dates: August 1, 1983)	November 15
U.S.-Germany Cooperative Science Program (For Joint Research and Joint Workshops/Seminars with a proposed starting date between August 1983 and February 1984)	November 30
NATO Postdoctoral Fellowships in Science (Announcement of Awards: February 1983)	November
Engineering Research Initiation Grants (Proposed Starting Date: April 15, 1983)	December 1
Scientific Computing Research Equipment in the Mathematical Sciences	December 1
U.S.-India Cooperative Science Program (For International Travel to India between April 1, 1983 and June 30, 1983)	December 1
U.S.-Pakistan Cooperative Science Program (For International Travel to Pakistan between April 1, 1983 and June 30, 1983)	December 1
Alan T. Waterman Award Nominations (Announcement of Award: May 1983)	December 31

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Climate Dynamics. Contact Dr. Alan Hecht, Division of Atmospheric Sciences (202) 357-9892	August 1
Ethics and Values in Science and Technology. Preliminary proposals (Brochure SE 80-62). Contact Dr. Rachelle Hollander, Intergovernmental and Public Service Science and Technology Programs (202) 357-7552	September 1
Earth Sciences: Geology, Geophysics, Geochemistry, and Petrology. Contact Dr. Robin Brett, Division of Earth Sciences (202) 357-7958	September 1
Arctic Research Program (Brochure available from Polar Programs). Contact Mr. Guy Guthridge, Division of Polar Programs (202) 357-7817	September 1
Economics. Contact Dr. Daniel Newlon, Dr. James Blackman, or Dr. Lynn Pollnow, Division of Social and Economic Science (202) 357-9675	September 1
Geography and Regional Science. Contact Dr. James Blackman, Division of Social and Economic Science (202) 357-9674	September 1
Political Science. Contact Dr. Frank Scioli, Jr., Division of Social and Economic Science (202) 357-7534	September 1
Law and Social Sciences. Contact Dr. Felice Levine, Division of Social and Economic Science (202) 357-9567	September 1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg or Dr. Trudi Miller, Division of Social and Economic Science (202) 357-7417	September 1

Sociology. Contact Dr. James Zuiches, Division of Social and Economic Science (202) 357-7802	September 1
Measurement Methods and Data Resources. Contact Dr. Murray Aborn, Division of Social and Economic Science (202) 357-7913	September 1
History and Philosophy of Science. Contact Dr. Ronald Overmann, Division of Social and Economic Science (202) 357-7617	September 1
Division of Social and Economic Science (For Funding in May through August 1983) - Programs include: Decision and Management Sciences, Economics, Geography, History and Philosophy of Science, Law and Social Sciences, Measurement Methods and Data Resources, Political Science, Regulation and Policy Analysis, and Sociology	September 1
Biological Instrumentation. Contact Dr. Robert Newburgh, Division of Physiology, Cellular, and Molecular Biology (202) 357-7652	September 30
Division of Astronomical Sciences (Proposed Starting Dates: June/July 1983) - Programs include: Astronomical Instrumentation and Development, Galactic and Extragalactic Astronomy, Radio Spectrum Management, Solar System Astronomy, Stars and Stellar Evolution, and Stellar Systems and Motions	September
Division of Atmospheric Sciences (Proposed Starting Dates: June/July 1983) - Programs include: Aeronomy, Atmospheric Chemistry, Experimental Meteorology, Global Atmospheric Research, Meteorology, and Solar-Terrestrial	September
Division of Behavioral and Neural Sciences (Proposed Starting Dates: June/July 1983) - Programs include: Anthropology, Linguistics, Memory and Cognitive Processes, Neurobiology, Psychobiology, Sensory Physiology and Perception, and Social and Developmental Psychology	September
Division of Chemical and Process Engineering (Proposed Starting Dates: June/July 1983) - Programs include: Chemical and Biochemical Processes; Engineering Energetics; Kinetics, Catalysis, and Reaction Engineering; Minerals and Primary Materials Processing; Particulate and Multiphase Processes; Renewable Materials Engineering; Separation Processes; and, Thermodynamics and Transport Phenomena	September
Division of Chemistry (Proposed Starting Dates: June/July 1983) Programs include: Chemical Analysis, Chemical Dynamics, Chemical Instrumentation, Chemical Physics, Structural Chemistry and Thermodynamics, Synthetic Inorganic and Organometallic Chemistry, and Synthetic Organic and Natural Products Chemistry	September
Division of Civil and Engineering Engineering (Proposed Starting Dates: June/July 1983) - Programs include: Earthquake Hazards Mitigation, Geotechnical Engineering, Structural Mechanics, and Water Resources and Environmental Engineering	September

Division of Electrical, Computer, and Systems Engineering (Proposed Starting Dates: June/July 1983) - Programs include: Automation, Bioengineering, and Sensing Systems; Computer Engineering; Electrical and Optical Communications; Quantum Electronics, Waves, and Beams; Solid-State and Microstructures Engineering; and, Systems Theory and Operations Research	September
Division of Materials Research (Proposed Starting Dates: June/July 1983) - Programs include: Ceramics, Condensed Matter Theory, Low-Temperature Physics, Metallurgy, Polymers, Solid-State Chemistry, and Solid-State Physics	September
Division of Mechanical Engineering and Applied Mechanics (Proposed Starting Dates: June/July 1983) - Programs include: Fluid Mechanics, Heat Transfer, Mechanical Systems, Production Research, and Solid Mechanics	September
Division of Physics (Proposed Starting Dates: June/July 1983) Programs include: Atomic, Molecular, and Plasma Physics; Elementary Particle Physics; Gravitational Physics; Intermediate Energy Physics; Nuclear Physics; and, Theoretical Physics	September
Division of Ocean Sciences (Earliest Starting Date: January 1, 1983) - Programs include: Biological Oceanography, Marine Chemistry, Physical Oceanography, and Submarine Geology and Geophysics	October 1
Division of Policy Research and Analysis (Formal) (Proposed Starting Dates: Summer 1983) Approval of previously submitted Preliminary Proposal required	October 1
Computer Sciences Section, Division of Mathematical and Computer Sciences (Proposed Starting Dates: Summer 1983) - Programs include: Computer Systems Design, Intelligent Systems, Software Engineering, Software Systems Science, and Theoretical Computer Science	October 22
Mathematical Sciences Section, Division of Mathematical and Computer Sciences (Proposed Starting Dates: Summer 1983) - Programs include: Algebra and Number Theory; Applied Mathematics; Classical Analysis; Modern Analysis; Statistics and Probability; and, Topology, Geometry, and Foundations	November 1
Division of Physiology, Cellular and Molecular Biology (Proposed Starting Dates: May/August 1983) - Programs include: Biochemistry, Biophysics, Cell Biology, Cellular Physiology, Developmental Biology, Genetic Biology, and Regulatory Biology	November 1
Division of Policy Research and Analysis (Preliminary Proposals with the earliest starting date of September 1983) - Research Areas include: Environment, Energy, and Resources; Socioeconomic Effects of Science and Technology; and, Technology Assessment and Risk Analysis	November 1
Climate Dynamics Program (Proposed Starting Date: June 1983)	December 1

Alternative Biological Resources Program and the Metabolic Biology Program (Division of Physiology, Cellular, and Molecular Biology) - Proposed Starting Dates: September 1983	December 1
Division of Astronomical Sciences (Proposed Starting Dates: September 1983)	December
Division of Atmospheric Sciences (Proposed Starting Dates: September 1983)	December
Division of Behavioral and Neural Sciences (Proposed Starting Dates: September 1983)	December
Division of Chemical and Process Engineering (Proposed Starting Dates: September 1983)	December

*NSF Proposals may be submitted for the following programs at any time of the year. It takes approximately six to nine months to process a proposal. Brochures indicated in parentheses may be ordered.

Anthropology. Contact Dr. John Yellen (202) 357-7804	*
Linguistics. Contact Dr. Paul Chapin (202) 357-7696	*
Memory and Cognitive Processes. Contact Dr. Joseph Young (202) 357-9898	*
Neurobiology. Contact Dr. Steven E. Kornguth (202) 357-7471	*
Psychobiology. Contact Dr. Fred Stollnitz (202) 357-7949	*
Sensory Physiology and Perception. Contact Dr. Terrence Dolan (202) 357-7428	*
Social and Developmental Psychology. Contact Dr. Richard Louttit (202) 357-9485	*
Biological Research Resources. Contact Dr. James Tyler (202) 357-7475	*
Ecology. Contact Dr. Gary Barrett (202) 357-9734	*
Ecosystem Studies. Contact Dr. W. Franklin Harris (202) 357-9596	*
Population Biology and Physiological Ecology. Contact Dr. Jerry Downhower (202) 357-9728	*
Systematic Biology. Contact Dr. Grady Webster (202) 357-9588	*
Engineering Research Equipment (Brochure NSF 81-31). Contact the appropriate Engineering Division: Electrical, Computer, and Systems Engineering (202) 357-9618; Chemical and Process Engineering (202) 357-9606; Civil and Environmental Engineering (202) 357-9545; and Mechanical Engineering and Applied Mechanics (202) 357-9542. For Administrative inquiries contact Ms. Janice Apruzese, Directorate for Engineering (202) 357-9834	*
Engineering Research Initiation Grants. Contact Ms. Janice Apruzese, Directorate for Engineering (202) 357-9834	*

- Industry/University Cooperative Research Projects
(Brochure NSF 80-31). Contact Division of Industrial
Science and Technological Innovation: Dr. Frederick Betz
(202) 357-7784 or Mr. Alex Schwarzkopf (202) 357-7527 *
- Research in Information Science and Technology (Brochure
NSF 81-34). Contact the Division of Information Science
and Technology (202) 357-9572 *
- Science in Developing Countries. Contact Dr. Gordon
Hiebert, Division of International Programs
(202) 357-9537, for current guidelines *
- U.S.-East Asia Countries Cooperative Science (Brochure NSF
81-30). For projects with Indonesia, Malaysia,
Thailand, and Singapore, contact Dr. Gordon Hiebert,
Division of International Programs (202) 357-9537; for
projects with Korea and the Philippines, contact
Dr. Gerald A. Edwards, Division of International
Programs (202) 357-9537 *
- U.S.-Japan Cooperative Earthquake Research. Steel
Building Research (Brochure NSF 81-56). Contact
Dr. S. C. Liu, Division of Civil and Environmental
Engineering (202) 357-9500 *
- U.S.-New Zealand Cooperative Science. Letter-proposals
for travel costs only for three-week visits for the pur-
pose of developing cooperative research in physical
oceanography, marine geology and geophysics, or marine
biology. Contact Mr. Alan Milsap, Division of
International Programs (202) 357-9558 *

PRIVATE

Questions regarding the following deadlines should be referred to ORA at
373-1920.

- | | |
|---|--------------|
| American Cancer Society | |
| Fellowship and Scholar Applications | October 1 |
| Research Grants | November 1 |
| American Chemical Society - Petroleum Research Fund | |
| Grants-in-Aid | No Deadline |
| American Council of Learned Societies | |
| Fellowships | September 30 |
| Study Fellowships | November 15 |
| Chinese Programs | November 3 |
| East European Studies | December 1 |
| Grants-in-Aid | December 15 |
| American Diabetes Association - Minnesota Affiliate | |
| Research Grants | October 1 |
| American Heart Association | |
| Grants-in-Aid | October 1 |
| American Heart Association - Minnesota Affiliate | |
| Fellowships | November 15 |
| Grants-in-Aid | November 30 |

American Lung Association Research Grants	November 1
American Philosophical Society Grants-in-Aid	Various--Contact ORA
Cystic Fibrosis Foundation New Investigator Research Grants	September 1
Research Scholar Awards	September 1
Research Grants	September 1
Research Fellowships	September 1
Student Traineeships	October 1
Dermatology Foundation (Postmark Deadline)	September 2
Engineering Foundation Pre-proposals	No Deadline
Epilepsy Foundation of America Research Grants	September 1
Merritt-Putnam Clinical Research Fellowships	September 1
Gas Research Foundation Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline
Juvenile Diabetes Foundation Career Development Awards	October 1
Postdoctoral Fellowships	October 1
Leukemia Society of America	September 1
March of Dimes Basil O'Connor Starter Research Grants	Continuous
Social and Behavioral Science	September 1
Basic	October 1
Minnesota Humanities Commission General Grants	July 23 October 27 January 21
Media Grants	July 9 January 7
Small Grants - submit at least 6 weeks prior to start date	No Deadline
Minnesota Medical Foundation	September 30 & December 31
National Fund for Medical Education Innovative Programs in Medical Education	October 1
Dissemination Mini-Grants	October 1
Fellowships in Medical Education	November 1
National Geographic Society Grants-in-Aid	No Deadline
National Kidney Foundation Research Fellowships	October 1
National Multiple Sclerosis Society Research Grants	January 15
Fellowships	January 15
Orthopaedic Research and Education Foundation Research Grants	October 15

Pharmaceutical Manufacturers Association Foundation	
Research Starter Grant Program	September 1
Fellowships for Careers in Clinical Pharmacology	October 1
Faculty Development Awards in Pharmacology	September 15
Fellowships for Advanced Predoctoral Training in	
Pharmacology Toxicology	September 15
Faculty Development Awards in Clinical Pharmacology	October 1
Rockefeller Foundation	
Humanities Fellowships (First Stage Proposal)	October 1
Damon Runyon-Walter Winchell Cancer Fund	
Fellowship Grants	August 15
Human Cancer-Directed Fellowship Grants	August 15
Sugar Association, Inc.	August 13
Technicon Instruments Corporation	
Grants for Research in Biomedical and Industrial	
Instrumentation	
Pre-proposals	No Deadline
University Genetics Company (UGEN)	No Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

MKC
9/5/82

ORADDC Newsletter

Published Jointly by the Office of Research Administration and the Research Development Center

September 1982

Volume XII/No. 3

RESPONSIBILITY FOR NOTIFICATIONS OF CHANGE IN GRANT-SUPPORTED RESEARCH

The National Institute of Health (NIH) and the Alcohol, Drug Abuse, and Mental Health Administration (ADAMHA) have issued the following reminder regarding

notification responsibilities of Principal Investigators and grantee institutions relating to changes that significantly affect or create the presumption of such effect on grant-supported research. Principal Investigators should submit notifications of such changes through the Office of Research Administration for review, endorsement and transmittal to the funding agency.

A grant is awarded on the basis of certain commitments by the Principal Investigator and the applicant institution, as described in the application for support. When these commitments change, the awarding unit needs to be informed.

The current "biological revolution" with its attendant commercial interest in biological research has resulted in new relationships between universities and industry and between individual investigators and industry. As these relationships develop, there may be an impact on a particular investigator's research supported by NIH or ADAMHA.

The following are examples of the kinds of situations which can be occasioned by a shifting relationship with industry and which should be brought to the attention of the awarding unit:

1. Significant change in effort devoted to a grant by a Principal Investigator, including absence of a Principal Investigator for major portions of time, even if any one period does not extend beyond three months.
2. Change in the employment status of a Principal Investigator such as leave without pay, or conversion from full-time to part-time employment.
3. Significant change in location of the facilities where the research will be conducted such that the conduct of the research might be affected.
4. Wide geographic separation of a Principal Investigator's main locus of activity from the site where grant-supported research is to be conducted.
5. Major involvement of a Principal Investigator with a profit-making organization (other than the usual one-day-a-week consulting arrangements).

NIH ISSUES REMINDER STATEMENT ON
POLICY AND ENFORCEMENT OF PAGE
LIMITATIONS ON GRANT APPLICATIONS

NIH has indicated that effective with the October 1, 1982 receipt date, applications that exceed the following page limitations, as specified in the

PHS 398 kit, without the required brief explanation will be returned:

Biographical Sketch	2 pages
Research Plan - Specific Aims	1 page
- Significance	3 pages
- Progress Report/Preliminary Studies	8 pages*

(*excluding the lists of professional personnel, publications and the appendix).

NIH (PHS 398 KITS) - HUMAN
SUBJECTS IN RESEARCH PROPOSALS

Applications submitted to the Division of Research Grants, NIH, which involve human subjects are considered

incomplete for initial review without an appropriately completed form HHS 596 (Protection of Human Subjects Assurance/Certification/Declaration). In addition, applications are considered incomplete without the detailed information requested under the section entitled "Research Plan" in the instructions

having to do with human subjects. NIH has indicated it has no obligation either to accept or to review applications which are considered incomplete. On this basis, applicants are urged to give careful attention to the instructions for use of the PHS 398 kit to prevent either a return of the application or a deferral in the review.

NIH - NOTICE ISSUED ON
MISCONDUCT IN SCIENCE

NIH is currently reviewing, and when necessary, refining its procedures related to instances of real or

apparent misconduct which occasionally arise in connection with its programs. A "notice" has been published in the NIH Guide for Grants and Contracts, Vol. II, No. 8, 7/16/82. A copy may be obtained from ORA by calling 373-5925.

INSTITUTIONAL RESEARCH GRANT
AWARD FROM AMERICAN CANCER
SOCIETY

The University of Minnesota has been awarded a renewal of its Institutional Research Grant from the American Cancer Society (ACS) for 1982-1983. This fund

is intended to serve as "seed" money permitting the initiation of promising new projects or novel ideas, especially by junior investigators, in cancer-related research. Support of seminars on cancer-related topics and graduate student research are also considered for funding although a lower priority is given to these activities. The fund is administered by a Dean's Committee of the Medical School with representation from other biologically-oriented colleges. The Committee is now accepting applications for individual grants not to exceed \$7,500 from this fund with a deadline of October 15, 1982. Instructions and application forms may be obtained from the Dean's Committee for the ACS Institutional Research Grant, Room 421 Masonic Cancer Center, 373-4318.

LADY DAVIS FELLOWSHIP
TRUST AWARDS AVAILABLE

The Lady Davis Fellowship Trust offers awards for graduate students, post-doctoral scholars, and visiting professors for up to one year at the Hebrew University of Jerusalem or the Technion-Israel Institute of Technology, Haifa. For details contact Lady Davis Fellowship Trust, P.O. Box 1255, Jerusalem 91904, Israel. The deadline for applications is December 1, 1982.

IZAAK WALTON KILLMAN MEMORIAL
SCHOLARSHIPS AVAILABLE

Competition has been announced for the Izaak Walton Killam Memorial Scholarships for 1983-84. They provide \$21,500 plus travel grants for postdoctoral research at the University of Alberta. For details contact Dean, Faculty of Graduate Studies and Research, University of Alberta, Edmonton, Alberta, Canada T6G 2J9. The deadline for applications is January 1, 1983.

OFFICE OF INTERNATIONAL PROGRAMS
DEADLINE INFORMATION

The Office of International Programs has information, including deadline dates, on fellowship and grant programs which support international activities. For further information, please contact the Office of International Programs, 201 Nolte-West, 373-3793.

SPONSOR DEADLINES FOR
RECEIPT OF APPLICATIONS

Following is a list of some, but not all, agency deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college, and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

Questions regarding the following deadlines should be referred to ORA at 373-5925.

National Institutes of Health

Research Grants, New	November 1
Research Grants, Renewals	October 1
NHLBI, New Investigator Award-Research Grant	November 1
NIH, New Investigator Awards	November 1
NIH, Research Career Development Awards	October 1
NIH, Individual Postdoctoral Fellowships	October 1
NIH, Institutional Training Programs	October 1
NHLBI, Clinical Investigators Award (Annual Deadline)	August 1
NIAMDD/NIA, SERCA: Diabetes Mellitus in the Elderly (Annual Deadline)	October 1
NIH, NRSA for Short-Term Training of Students in Health Professional Schools (Annual Deadline)	May 1

NHLBI, Preventive Cardiology Academic Award (Annual Deadline)	April 1
NIH, Support of Meetings (Scientific, U.S.A. or International)	October 1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects (Annual Deadline)	June 1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes (Annual Deadline)	June 1
NIAMDD, Clinical Investigator Award	October 1
NIGMS, NIGMS Shared Instrumentation Grants (Letter of intent by 11/15) (Annual Deadline)	February 15
NEY, National Eye Institute - Small Grants Program	October 1
NINCDS, Support of Research Centers and Program Projects	October 1
NHLBI/NIA/NIAID/NIADDDK/NICHD/NIGMS, Studies on Nutritional Support of the Patient	November 1
NIAID, RFA: NIH-NIAID 82-5, Sexually Transmitted Diseases Research Units	October 15
Fogarty International Center, French NIH and Medical Research Postdoctoral Fellowships	October 1
Fogarty International Center, French National Center for Scientific Research Program for Scientific Collaboration	October 1
NIA, Academic Award (Annual Deadline)	July 1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects (Annual Deadline)	June 1
NIA, Small Grants Program	October 1
NIDR, Small Grants Program	October 1
NIA, Teaching Nursing Home Plant (Letter of intent by 10/1) Revised Deadline	February 1
NCI, RFA: Grants in Nutrition - NCI - Training	October 1
NCI, Experimental Research Related to Biological Effects of Low Doses of Ionizing Radiation	November 1
NIDR, Diet and Nutrition Research	November 1
NINCDS, Clinical Studies of Chemosensory Disorders: Individual National Research Service Award	October 1
Institutional National Research Service Award	October 1
NINCDS, Clinical Research Training Speech and Language Disorders - Institutional National Research Service Award	October 1
NINCDS, Tinnitus Research	November 1
NIA, Research on Urinary Incontinence in the Elderly	November 1
NIA, Health and Effective Functioning in the Middle and Later Years	November 1
NIA, Program Project Research Grant	October 1
NIDR, Dental Implant Research	November 1
NICHD, Effective Fertility Regulation Research Projects	November 1
New Investigator Research Award	November 1
Program Project Grant	October 1
NIAID, RFA: 82-1, International Collaboration in Infectious Diseases Research (Letter of intent by 4/1)	
International Program Project Grants	October 15
International Exploratory/Developmental Research Grant	October 15

NICHD, Center for Population Research, Reproductive Sciences Program, Reproductive Disorders in Women	November 1
NICHD/NIADDK/NIAMD, Research Grant Support in Nutrition-Environmental and Host Factors Affecting Nutritional Requirements	November 1
NINCDS, Clinical Otolaryngologic Research Centers	October 1
NCI, Research Related to Genetic Susceptibility to Human Breast Cancer	November 1
NINCDS, Research Grants Related to the Etiology, Developmental Embryology, and Natural History of Neural Tube Defects:	
Program Project	October 1
Research Grants	November 1
NINCDS/NICHD, Research Grants on Brain Dysfunction in Disorders of Learning	November 1
NHLBI, RFA: NIH-NHLBI-DLD-82G-B, Specialized Centers of Research in Adult Respiratory Failure (Letter of intent by 7/1)	September 15
NIH, Development of Diagnostic Technology for Use in Populations Exposed to Hazardous Chemicals	November 1
NIDR, Epidemiology of Oral Diseases in Minorities	November 1
NINCDS, Research Grants in Neural Regeneration, Neural Plasticity and Related Developmental Biology	November 1
NHLBI, Small Vessel Protheses	November 1
NCI, Cancer Control Science Program (Letter of intent by 9/15)	February 1
NIH, DRR, SERCA: Award in Laboratory Animal Science	October 1
NIH, National Research Service Awards for Senior Fellows	October 1
NIAMD, RFA: NIH-NIAMD 82-7, Asthma and Allergic Disease Centers (Letter of intent by 7/15)	October 15
NIAMD, RFA: NIH-NIAMD 82-8, Centers for Interdisciplinary Research on Immunologic Diseases (Letter of intent by 7/15) (Revised Deadline)	October 15
NHLBI, RFA: NIH-NHLBI-82 G-J, Demonstration and Education Research in Heart, Blood Vessel, Lung, and Blood Diseases and Blood Resources (Letter of intent by 8/2)	October 15
NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award for <u>each</u> : School of Medicine, Osteopathy, Dentistry, Public Health) (Annual Deadline)	September 1
NHLBI, Dietary Sodium and Its Role in the Prevention and Management of Hypertension	November 1
NIA, Pharmacology Program:	
Research Grants	November 1
Program Project Grants	October 1
Institutional NRSA	October 1
NIADDK, Research Interests in Epidermolysis Bullosa, Skin Diseases Program	November 1
NICHD, Adolescence Research:	
Research Grants	November 1
New Investigator Research	November 1
Program Project Grants	October 1

NIH, DRR, Biomedical Research Support Shared Instrumentation Grants	October 15
NIADDD, Multipurpose Arthritis Centers (Letter of intent by 10/1)	February 1
NIDR, Long-Term Effects of Craniofacial Injuries	November 1
NCI, RFA: NIH-NCI-DRCCA-82-10, Community Clinical Oncology Program (CCOP), (Letter of intent requested by 8/23)	November 9
NHLBI, Pulmonary Academic Award (Limited to one for each eligible school of medicine or osteopathy, for a project period up to five years) (Letter of intent recommended by 9/1)	November 1
NIDR, RFA: NIH-NIDR-NCP-82-2, Fluoride and the Prevention of Root Surface Caries	October 15
NIOSH, Grants for Research and Demonstrations Relating to Protection from Airborne Toxic and Carcinogenic Materials by Respiratory Protection Systems	November 1
NCI, RFA: NCI-DCT-CTRP-82-13, Studies of Acquired Immuno-Deficiency Syndrome (Kaposi's Sarcoma and Opportunistic Infections)	October 22
NCI, RFA: NIH-NCI-DCCP-SPB-82-1, Epidemiologic Studies of Rare Tumors	November 1
NCI, RFA: NIH-NCI-DCCP-SPB-82-11, Biochemical Epidemiology	November 15
NCI, RFA: NIH-NCI-DCCP-SPB-82-12, "Accuracy" of Questionnaire Derived Historic Dietary Information	November 15
NIAID, Program Research Interests in Immune Mechanisms of Cutaneous Disorders (Immunodermatology)	November 1
NIAID, RFA: NIH-NIAID-82-9, Program Projects in Lymphocyte Biology (Letter of intent recommended by 11/15)	February 15
NCI, RFA: NIH-NCI-DCCP-SPB-82-14, The Pharmacological Role of Nicotine in Diseases Related to Tobacco Products	November 1

Alcohol, Drug Abuse, and Mental Health

Research Grants, New	November 1
Research Grants, Renewals	October 1
Individual Postdoctoral Fellowships	October 1
Institutional Training Grants, NRSA	October 1
Small Grants Program	Open
Research Scientist Development/Research Scientist Award	October 1
NIAAA/NIDA/NIMH, Individual NRSA	October 1
NIAAA/NIDA/NIMH, Institutional NRSA Training	October 1
NIMH, Geriatric Mental Health Academic Awards (Awards limited to one per professional school)	November 1
NIMH, Research on Stress Reactivity in Adolescence	November 1
NIMH, Preventive Intervention Research Centers	November 1

Center for Disease Control

Project Grants for Venereal Disease Research, Demonstrations, and Public Information and Education, FISCAL YEAR '83	July 1, 1983
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Food and Drug Administration

Research Grants, New
Research Grants, Renewals

November 1
October 1

Department of Education

Research in Education of the Handicapped:
Student Initiated Research, 84.023A-B
Technology Projects, 84.023L
Parent Projects, 84.023P
School Based Research, 84.023J
Fulbright-Hayes Faculty Research Abroad Program
Fulbright-Hayes Doctoral Dissertation

March 17
September 15
September 15
September 15
October 29
October 29

National Institute of Education

Unsolicited Proposals

February 3

Questions regarding the following deadlines should be referred to ORA at 373-2784.

National Science Foundation

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

- U.S.-Australia Cooperative Science (Brochure NSF 81-49).
For all projects, including cooperative research (short- or long-term visits) and joint seminars/workshops, with requested effective dates falling between July 1 and December 31, 1983. Contact Mr. Alan Milsap, Division of International Programs (202) 357-9558
October 1
- U.S.-New Zealand Cooperative Science (Brochure NSF 81-50).
For all projects, including cooperative research (short- or long-term visits) and joint seminars/workshops, with requested effective dates falling between July 1 and December 31, 1983. (Priority consideration is given to proposals in ocean sciences.) Contact Mr. Alan Milsap, Division of International Programs (202) 357-9558
October 1
- U.S.-France Exchange of Scientists (Brochure NSF 80-30).
Contact Dr. Stephen Mosier, Division of International Programs (202) 357-7554
October 1
- U.S.-Italy Cooperative Science Program (For Cooperative Research or Joint Workshops with proposed starting dates between May 1, 1983 and April 30, 1984)
October 1
- Specialized Engineering Research Equipment Grants
(Announcement of Awards: April 1, 1983)
November 1

U.S.-Latin America Cooperative Science Program (For Cooperative Research with a proposed starting date of July/August 1983; for Research-Oriented Workshops with proposed starting dates of November/December 1983)	November 1
U.S.-Switzerland Cooperative Science Program (For Joint Research and Joint Workshops/Seminars to start August 1983)	November 1
Computer Science and Computer Engineering Research Equipment Program (For Funding in Summer 1983)	November 15
Program for the Analysis of Science Resources (Division of Science Resources Studies) - Earliest Starting Date: September 1, 1983	November 15
Regional Research Conferences in the Mathematical Sciences (For Summer 1983 Starting Dates)	November 15
U.S.-Israel Binational Science Foundation Grants (Earliest Starting Dates: August 1, 1983)	November 15
U.S.-Germany Cooperative Science Program (For Joint Research and Joint Workshops/Seminars with a proposed starting date between August 1983 and February 1984)	November 30
NATO Postdoctoral Fellowships in Science (Announcement of Awards: February 1983)	November
Engineering Research Initiation Grants (Proposed Starting Date: April 15, 1983)	December 1
Scientific Computing Research Equipment in the Mathematical Sciences	December 1
U.S.-India Cooperative Science Program (For International Travel to India between April 1, 1983 and June 30, 1983)	December 1
U.S.-Pakistan Cooperative Science Program (For International Travel to Pakistan between April 1, 1983 and June 30, 1983)	December 1
Alan T. Waterman Award Nominations (Announcement of Award: May 1983)	December 31

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Division of Ocean Sciences (Earliest Starting Date: January 1, 1983) - Programs include: Biological Oceanography, Marine Chemistry, Physical Oceanography, and Submarine Geology and Geophysics	October 1
Division of Policy Research and Analysis (Formal) (Proposed Starting Dates: Summer 1983) Approval of previously submitted Preliminary Proposal required	October 1
Computer Sciences Section, Division of Mathematical and Computer Sciences (Proposed Starting Dates: Summer 1983) - Programs include: Computer Systems Design, Intelligent Systems, Software Engineering, Software Systems Science, and Theoretical Computer Science	October 22

Mathematical Sciences Section, Division of Mathematical and Computer Sciences (Proposed Starting Dates: Summer 1983) - Programs include: Algebra and Number Theory; Applied Mathematics; Classical Analysis; Modern Analysis; Statistics and Probability; and, Topology, Geometry, and Foundations	November 1
Division of Physiology, Cellular and Molecular Biology (Proposed Starting Dates: May/August 1983) - Programs include: Biochemistry, Biophysics, Cell Biology, Cellular Physiology, Developmental Biology, Genetic Biology, and Regulatory Biology	November 1
Division of Policy Research and Analysis (Preliminary Proposals with the earliest starting date of September 1983) - Research Areas include: Environment, Energy, and Resources; Socioeconomic Effects of Science and Technology; and, Technology Assessment and Risk Analysis	November 1
Climate Dynamics Program (Proposed Starting Date: June 1983)	December 1
Alternative Biological Resources Program and the Metabolic Biology Program (Division of Physiology, Cellular, and Molecular Biology) - Proposed Starting Dates: September 1983	December 1
Division of Astronomical Sciences (Proposed Starting Dates: September 1983)	December
Division of Atmospheric Sciences (Proposed Starting Dates: September 1983)	December
Division of Behavioral and Neural Sciences (Proposed Starting Dates: September 1983)	December
Division of Chemical and Process Engineering (Proposed Starting Dates: September 1983)	December

PRIVATE

Questions regarding the following deadlines should be referred to ORA at 373-1920.

American Cancer Society	
Fellowship and Scholar Applications	October 1
Research Grants	November 1
American Chemical Society - Petroleum Research Fund	
Grants-in-Aid	No Deadline
American Council of Learned Societies	
Fellowships	September 30
Study Fellowships	November 15
Chinese Programs	November 3
East European Studies	December 1
Grants-in-Aid	December 15
American Diabetes Association - Minnesota Affiliate	
Research Grants	October 1

American Egg Board Research Grants	October 1
American Heart Association Grants-in-Aid	October 1
American Heart Association - Minnesota Affiliate Fellowships	November 15
Grants-in-Aid	November 30
American Lung Association Research Grants	November 1
American Philosophical Society Grants-in-Aid	Various--Contact ORA
Cystic Fibrosis Foundation Student Traineeships	October 1
Engineering Foundation Pre-proposals	No Deadline
Gas Research Foundation Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline
Juvenile Diabetes Foundation Career Development Awards	October 1
Postdoctoral Fellowships	October 1
March of Dimes Basil O'Connor Starter Research Grants Basic	Continuous October 1
Minnesota Humanities Commission General Grants	October 27 January 21 January 7
Media Grants	No Deadline
Small Grants - submit at least 6 weeks prior to start date	September 30 & December 31
Minnesota Medical Foundation	February 1
National Foundation for Ileitis and Colitis, Inc.	
National Fund for Medical Education Innovative Programs in Medical Education	October 1
Dissemination Mini-Grants	October 1
Fellowships in Medical Education	November 1
National Geographic Society Grants-in-Aid	No Deadline
National Kidney Foundation Research Fellowships	October 1
National Multiple Sclerosis Society Research Grants	January 15
Fellowships	January 15
Orthopaedic Research and Education Foundation Research Grants	October 15
Pharmaceutical Manufacturers Association Foundation Fellowships for Careers in Clinical Pharmacology	October 1
Faculty Development Awards in Pharmacology	September 15
Fellowships for Advanced Predoctoral Training in Pharmacology Toxicology	September 15
Faculty Development Awards in Clinical Pharmacology	October 1

Rockefeller Foundation
Humanities Fellowships (First Stage Proposal)
Technicon Instruments Corporation
Grants for Research in Biomedical and Industrial
Instrumentation
Pre-proposals
University Genetics Company (UGEN)

October 1

No Deadline
No Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

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ORA RDC Newsletter

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October 1982

Volume XII/No. 4

NATIONAL INSTITUTE OF JUSTICE UNSOLICITED RESEARCH PROGRAM

The mission of NIJ is fivefold:
1) preventing and reducing crimes;
2) improving federal, state and local criminal justice systems and related aspects of the civil justice system;
3) insuring citizen access to appropriate dispute-resolution forums;
4) improving efforts to detect, investigate, prosecute, and otherwise combat and prevent white-collar crime and public corruption; and 5) identifying programs of proven effectiveness, programs having a record of proven success, or programs which offer a high probability of improving the function of the criminal justice system. The goals of NIJ's Unsolicited Research Program are to fund research proposals that address significant crime and criminal justice issues, are of sound methodological design, and have important implications for criminal justice policy, practice, research and/or theory. The maximum funding for an URP grant is \$120,000, including all direct and indirect costs. The maximum grant period is two years. Postmark deadlines for the FY 1983 program are as follows: Cycle 1: December 1, 1982; Cycle 2: June 1, 1983. Proposals must be received at NIJ within ten working days after the postmark deadline. Further information may be obtained by calling ORA at 373-2088.

NATIONAL INSTITUTE OF JUSTICE GRADUATE RESEARCH FELLOWSHIPS

NIJ has announced a competitive Graduate Research Fellowship Program to provide a limited number of fellowships which will be awarded to doctoral candidates, through sponsoring institutions, to support students engaged in the research and writing of a doctoral dissertation in the area of criminal justice. Applicants must have completed all degree requirements except for research, writing and defense of the dissertation prior to awarding of the grant. The maximum award for each grant is \$11,000, which provides a stipend for the student, allowance for dependents, major project costs and certain university fees. Additional information may be obtained by sending a self-addressed mailing label to: Solicitation-Graduate Research Fellowship Program, National Criminal Justice Reference Service, Box 6000, Rockville, MD 20850.

MCKNIGHT FOUNDATION

Applications have been invited by the Foundation for their Scholars Awards Program. The program has been initiated to stimulate research in neuroscience, especially as it pertains to memory and to a clearer understanding of diseases affecting memory and its biological substrates. McKnight scholars will be selected from applicants who hold the M.D. and/or Ph.D. degree and who have completed between two and five years of postdoctoral research (exclusive of clinical training - M.D., etc.). The deadline for submission of applications is January 1, 1983. A copy of the announcement may be obtained from ORA by calling 373-1970.

COMMITTEE ON SCHOLARLY COMMUNICATION WITH THE PEOPLE'S REPUBLIC OF CHINA (CSCPRC) RESEARCH AND DISTINGUISHED SCHOLAR EXCHANGE PROGRAMS

The CSCPRC has announced its 1983-84 Research and Distinguished Scholar Exchange Programs. Applicants must be U.S. citizens. Grants are available in the sciences, engineering, social sciences, and humanities. For the Research Program, which involves 3 to 12 months of research, applicants must hold a Ph.D. and present a carefully formulated research proposal. There is no minimum language requirement unless necessitated by the research plan. The Distinguished Scholar Program, one to three months in duration, provides opportunities for lecturing, exploratory research, and meeting with professional colleagues. The CSCPRC is seeking nominations/applications of distinguished American senior scholars at associate professor level and nominations of distinguished Chinese scholars by U.S. institutions interested in hosting them. For applications contact CSCPRC, National Academy of Sciences, 2101 Constitution Avenue N.W., Washington, D.C. 20418. Deadline for both programs: December 15, 1982.

SMITHSONIAN INSTITUTION FOREIGN CURRENCY GRANTS

These grants offer opportunities for research in Burma, Guinea, India, and Pakistan in anthropology, archeology, biology, astrophysics, earth sciences, and museum programs. Grants in local currencies are available to American institutions for research by senior scientists. For details contact Foreign Currency Program, Office of Fellowships and Grants, Smithsonian Institution, Washington, D.C. 20560 (202) 287-3321. Deadline: November 1, 1982.

SOCIAL SCIENCES AND HUMANITIES RESEARCH COUNCIL OF CANADA POSTDOCTORAL FELLOWSHIPS

Postdoctoral Fellowships are offered through the Social Sciences and Humanities Research Council of Canada for persons who obtained a doctoral degree since September 30, 1979, and plan to pursue postdoctoral study while affiliated with a university or recognized research institution. The Fellowships carry an \$18,600 stipend plus research and travel allowances. Contact Social Science and Humanities Research Council of Canada, 255 Albert Street, P.O. Box 1610, Ottawa K1P 6G4 (613) 995-9330. Deadline: October 1, 1982.

ARGONNE NATIONAL LABORATORIES PROGRAM OPPORTUNITIES

The Argonne National Laboratories offer opportunities for faculty members in energy research and development, basic energy sciences, and biomedical and environmental research. Awards are normally for one year. Recipients remain on the institutional payroll while on approved sabbatical leave. Argonne typically provides 50% of salary and fringe benefits to the university and may also reimburse the recipient for some travel and moving expenses. Applicants must have approval of the appropriate university administrator to accept the Argonne appointment and demonstrate scientific or engineering accomplishment related to Argonne research. For details contact the Graduate School Fellowship Office,

422 Johnston Hall, 373-2833, or Division of Educational Programs, Argonne National Laboratory, 9700 South Cass Avenue, Argonne, IL 60439 (312) 972-3365.

LUCE SCHOLARS PROGRAM

The University has been invited to nominate two persons for the Luce Scholars Program, which provides fifteen one-year professional internships in Asia annually. Applicants must be U.S. citizens who will not have reached 30 by September 1, 1983. They may be graduating seniors, recent graduates, or junior faculty. Selection will be based on clearly defined career interests, strong academic achievement, strong motivation, potential for accomplishment, and outstanding capacity for leadership. Applicants will be accepted from all fields except Asian studies or international affairs. For details, contact the Graduate School Fellowship Office, 422 Johnston Hall, 373-2833. Campus deadline: November 5, 1982.

NATIONAL SCIENCE FOUNDATION- NATO POSTDOCTORAL FELLOWSHIPS IN SCIENCE

The National Science Foundation has recently announced competition for its NATO Postdoctoral Fellowships in Science. Fifty awards will be offered for research and/or study in science at institutions outside the U.S. Applicants should be U.S. citizens or nationals, have earned a Ph.D. or its equivalent by the beginning of their tenure, and have held the doctorate for no more than five years as of the deadline date. Eligible fields of study include mathematical, physical, biological, engineering, and social sciences, but awards cannot be made in history, social work, public health, business, education, or clinical fields. The stipend is \$1,500 per month up to 12 months plus travel and dependent allowances. For further information contact the Graduate School Fellowship Office, 422 Johnston Hall, 373-2833; for applications contact National Science Foundation, NATO Postdoctoral Fellowship Program, Office of Scientific and Engineering Personnel and Education, Washington, D.C. 20550. Deadline: November 8, 1982.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, agency deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college, and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

Questions regarding the following deadlines should be referred to ORA at 373-5925.

National Institutes of Health

Research Grants, New	November 1
Research Grants, Renewals	February 1
NHLBI, New Investigator Award-Research Grant	November 1

NIH, New Investigator Awards	November 1
NIH, Research Career Development Awards	February 1
NIH, Individual Postdoctoral Fellowships	February 1
NIH, Institutional Training Programs	February 1
NHLBI, Clinical Investigators Award (Annual Deadline)	August 1
NIAMDD/NIA, SERCA: Diabetes Mellitus in the Elderly (Annual Deadline)	October 1
NIH, NRSA for Short-Term Training of Students in Health Professional Schools (Annual Deadline)	May 1
NHLBI, Preventive Cardiology Academic Award (Annual Deadline)	April 1
NIH, Support of Meetings (Scientific, U.S.A. or International)	February 1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects (Annual Deadline)	June 1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes (Annual Deadline)	June 1
NIAMDD, Clinical Investigator Award	February 1
NIGMS, NIGMS Shared Instrumentation Grants (Letter of intent by 11/15) (Annual Deadline)	February 15
NEY, National Eye Institute - Small Grants Program	February 1
NINCDS, Support of Research Centers and Program Projects	February 1
NHLBI/NIA/NIAID/NIADDD/NICHD/NIGMS, Studies on Nutritional Support of the Patient	November 1
NIAID, RFA: NIH-NIAID 82-5, Sexually Transmitted Diseases Research Units	October 15
NIA, Academic Award (Annual Deadline)	July 1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects (Annual Deadline)	June 1
NIA, Teaching Nursing Home Plant (Letter of intent by 10/1) Revised Deadline	February 1
NCI, Experimental Research Related to Biological Effects of Low Doses of Ionizing Radiation	November 1
NIDR, Diet and Nutrition Research	November 1
NINCDS, Tinnitus Research	November 1
NIA, Research on Urinary Incontinence in the Elderly	November 1
NIA, Health and Effective Functioning in the Middle and Later Years	November 1
NIDR, Dental Implant Research	November 1
NICHD, Effective Fertility Regulation Research Projects	November 1
New Investigator Research Award	November 1
NIAID, RFA: 82-1, International Collaboration in Infectious Diseases Research (Letter of intent by 4/1)	
International Program Project Grants	October 15
International Exploratory/Developmental Research Grant	October 15
NICHD, Center for Population Research, Reproductive Sciences Program, Reproductive Disorders in Women	November 1
NICHD/NIADDD/NIAID, Research Grant Support in Nutrition-Environmental and Host Factors Affecting Nutritional Requirements	November 1
NCI, Research Related to Genetic Susceptibility to Human Breast Cancer	November 1

NINCDS, Research Grants Related to the Etiology, Developmental Embryology, and Natural History of Neural Tube Defects: Research Grants	November 1
NINCDS/NICHD, Research Grants on Brain Dysfunction in Disorders of Learning	November 1
NIEHS, Development of Diagnostic Technology for Use in Populations Exposed to Hazardous Chemicals	November 1
NIDR, Epidemiology of Oral Diseases in Minorities	November 1
NINCDS, Research Grants in Neural Regeneration, Neural Plasticity and Related Developmental Biology	November 1
NHLBI, Small Vessel Protheses	November 1
NCI, Cancer Control Science Program (Letter of intent by 9/15)	February 1
NIH, DRR, SERCA: Award in Laboratory Animal Science	February 1
NIH, National Research Service Awards for Senior Fellows	February 1
NIAID, RFA: NIH-NIAID 82-7, Asthma and Allergic Disease Centers (Letter of intent by 7/15)	October 15
NIAID, RFA: NIH-NIAID 82-8, Centers for Interdisciplinary Research on Immunologic Diseases (Letter of intent by 7/15) (Revised Deadline)	October 15
NHLBI, RFA: NIH-NHLBI-82 G-J, Demonstration and Education Research in Heart, Blood Vessel, Lung, and Blood Diseases and Blood Resources (Letter of intent by 8/2)	October 15
NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award for <u>each</u> : School of Medicine, Osteopathy, Dentistry, Public Health) (Annual Deadline)	September 1
NHLBI, Dietary Sodium and Its Role in the Prevention and Management of Hypertension	November 1
NIA, Pharmacology Program: Research Grants	November 1
Program Project Grants	February 1
Institutional NRSA	February 1
NIADDK, Research Interests in Epidermolysis Bullosa, Skin Diseases Program	November 1
NICHD, Adolescence Research: Research Grants	November 1
New Investigator Research	November 1
NIH, DRR, Biomedical Research Support Shared Instrumentation Grants	October 15
NIADDKD, Multipurpose Arthritis Centers (Letter of intent by 10/1)	February 1
NIDR, Long-Term Effects of Craniofacial Injuries	November 1
NCI, RFA: NIH-NCI-DRCCA-82-10, Community Clinical Oncology Program (CCOP) (Letter of intent requested by 8/23)	November 9
NHLBI, Pulmonary Academic Award (Limited to one for each eligible school of medicine or osteopathy, for a project period up to five years) (Letter of intent recommended by 9/1)	November 1
NIDR, RFA: NIH-NIDR-NCP-82-2, Fluoride and the Prevention of Root Surface Caries	October 15

NIOSH, Grants for Research and Demonstrations Relating to Protection from Airborne Toxic and Carcinogenic Materials by Respiratory Protection Systems	November 1
NCI, RFA: NCI-DCT-CTRP-82-13, Studies of Acquired Immuno-Deficiency Syndrome (Kaposi's Sarcoma and Opportunistic Infections)	October 22
NCI, RFA: NIH-NCI-DCCP-SPB-82-1, Epidemiologic Studies of Rare Tumors	November 1
NCI, RFA: NIH-NCI-DCCP-SPB-82-11, Biochemical Epidemiology	November 15
NCI, RFA: NIH-NCI-DCCP-SPB-82-12, "Accuracy" of Questionnaire Derived Historic Dietary Information	November 15
NIAID, Program Research Interests in Immune Mechanisms of Cutaneous Disorders (Immunodermatology)	November 1
NIAID, RFA: NIH-NIAID-82-9, Program Projects in Lymphocyte Biology (Letter of intent recommended by 11/15)	February 15
NCI, RFA: NIH-NCI-DCCP-SPB-82-14, The Pharmacological Role of Nicotine in Diseases Related to Tobacco Products	November 1
Fogarty International Center, Postdoctoral Research Fellowships, AVH in Germany (NOTE: Applications may be submitted at any time, however, submission is recommended at least five months in advance of German Selection Committee Meetings, usually in November, March and July)	February 1
<u>Alcohol, Drug Abuse, and Mental Health</u>	
Research Grants, New	November 1
Research Grants, Renewals	February 1
Individual Postdoctoral Fellowships	February 1
Institutional Training Grants, NRSA	February 1
Small Grants Program	Open
Research Scientist Development/Research Scientist Award	February 1
NIAAAA/NIDA/NIMH, Individual NRSA	February 1
NIAAAA/NIDA/NIMH, Institutional NRSA Training	February 1
NIMH, Geriatric Mental Health Academic Awards (Awards limited to one per professional school)	November 1
NIMH, Research on Stress Reactivity in Adolescence	November 1
NIMH, Preventive Intervention Research Centers	November 1
<u>Center for Disease Control</u>	
Project Grants for Venereal Disease Research, Demonstrations, and Public Information and Education, FISCAL YEAR '83	July 1, 1983
<u>Food and Drug Administration</u>	
Research Grants, New	November 1
Research Grants, Renewals	February 1
<u>Department of Education</u>	
Research in Education of the Handicapped: Student Initiated Research, 84.023A-B	March 17

Fulbright-Hayes Faculty Research Abroad Program	October 29
Fulbright-Hayes Doctoral Dissertation	October 29
Research and Training Centers	October 15
Rehabilitation Engineering Centers	October 15
Research and Demonstration Projects	October 15
Knowledge Dissemination and Utilization Projects	October 15
Library Career Training Program	November 1
National Resource Centers Program and Foreign Language and Area Studies Fellowship Program	November 1
Bilingual Education: Fellowship Program-New	November 12
Stengthening Research Library Resources Program	November 15
Fund for the Improvement of Postsecondary Education (FIPSE)-New	January 11
Fund for the Improvement of Postsecondary Education (FIPSE)-Continuations	January 18
Bilingual Education: Fellowship Program-Continuations	February 4
Regional Education Programs for Handicapped Persons-Continuations	March 18
Field Initiated Research-Continuations	April 1

National Institute of Education

Unsolicited Proposals	February 3
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Questions regarding the following deadlines should be referred to ORA at 373-2784.

National Science Foundation

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

Specialized Engineering Research Equipment Grants (Announcement of Awards: April 1, 1983)	November 1
U.S.-Latin America Cooperative Science Program (For Cooperative Research with a proposed starting date of July/August 1983; for Research-Oriented Workshops with proposed starting dates of November/December 1983)	November 1
U.S.-Switzerland Cooperative Science Program (For Joint Research and Joint Workshops/Seminars to start August 1983)	November 1
Computer Science and Computer Engineering Research Equipment Program (For Funding in Summer 1983)	November 15
Program for the Analysis of Science Resources (Division of Science Resources Studies) - Earliest Starting Date: September 1, 1983	November 15

Regional Research Conferences in the Mathematical Sciences (For Summer 1983 Starting Dates)	November 15
U.S.-Israel Binational Science Foundation Grants (Earliest Starting Dates: August 1, 1983)	November 15
U.S.-Germany Cooperative Science Program (For Joint Research and Joint Workshops/Seminars with a proposed starting date between August 1983 and February 1984)	November 30
NATO Postdoctoral Fellowships in Science (Announcement of Awards: February 1983)	November
Engineering Research Initiation Grants (Proposed Starting Date: April 15, 1983)	December 1
Scientific Computing Research Equipment in the Mathematical Sciences	December 1
U.S.-India Cooperative Science Program (For International Travel to India between April 1, 1983 and June 30, 1983)	December 1
U.S.-Pakistan Cooperative Science Program (For International Travel to Pakistan between April 1, 1983 and June 30, 1983)	December 1
Alan T. Waterman Award Nominations (Announcement of Award: May 1983)	December 31

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Mathematical Sciences Section, Division of Mathematical and Computer Sciences (Proposed Starting Dates: Summer 1983) - Programs include: Algebra and Number Theory; Applied Mathematics; Classical Analysis; Modern Analysis; Statistics and Probability; and, Topology, Geometry, and Foundations	November 1
Division of Physiology, Cellular and Molecular Biology (Proposed Starting Dates: May/August 1983) - Programs include: Biochemistry, Biophysics, Cell Biology, Cellular Physiology, Developmental Biology, Genetic Biology, and Regulatory Biology	November 1
Division of Policy Research and Analysis (Preliminary Proposals with the earliest starting date of September 1983) - Research Areas include: Environment, Energy, and Resources; Socioeconomic Effects of Science and Technology; and, Technology Assessment and Risk Analysis	November 1
Climate Dynamics Program (Proposed Starting Date: June 1983)	December 1
Alternative Biological Resources Program and the Metabolic Biology Program (Division of Physiology, Cellular, and Molecular Biology) - Proposed Starting Dates: September 1983	December 1
Division of Astronomical Sciences (Proposed Starting Dates: September 1983)	December
Division of Atmospheric Sciences (Proposed Starting Dates: September 1983)	December

Division of Behavioral and Neural Sciences (Proposed Starting Dates: September 1983)	December
Division of Chemical and Process Engineering (Proposed Starting Dates: September 1983)	December

*NSF Proposals may be submitted for the following programs at any time of the year. It takes approximately six to nine months to process a proposal. Brochures indicated in parentheses may be ordered.

Anthropology. Contact Dr. John Yellen (202) 357-7804	*
Linguistics. Contact Dr. Paul Chapin (202) 357-7696	*
Memory and Cognitive Processes. Contact Dr. Joseph Young (202) 357-9898	*
Neurobiology. Contact Dr. Steven E. Kornguth (202) 357-7471	*
Psychobiology. Contact Dr. Fred Stollnitz (202) 357-7949	*
Sensory Physiology and Perception. Contact Dr. Terrence Dolan (202) 357-7428	*
Social and Developmental Psychology. Contact Dr. Richard Louttit (202) 357-9485	*
Biological Research Resources. Contact Dr. James Tyler (202) 357-7475	*
Ecology. Contact Dr. Gary Barrett (202) 357-9734	*
Ecosystem Studies. Contact Dr. W. Franklin Harris (202) 357-9596	*
Population Biology and Physiological Ecology. Contact Dr. Jerry Downhower (202) 357-9728	*
Systematic Biology. Contact Dr. Grady Webster (202) 357-9588	*
Engineering Research Equipment (Brochure NSF 81-31). Contact the appropriate Engineering Division: Electrical, Computer, and Systems Engineering (202) 357-9618; Chemical and Process Engineering (202) 357-9606; Civil and Environmental Engineering (202) 357-9545; and Mechanical Engineering and Applied Mechanics (202) 357-9542. For Administrative inquiries contact Ms. Janice Apruzese, Directorate for Engineering (202) 357-9834	*
Engineering Research Initiation Grants. Contact Ms. Janice Apruzese, Directorate for Engineering (202) 357-9834	*
Industry/University Cooperative Research Projects (Brochure NSF 80-31). Contact Division of Industrial Science and Technological Innovation: Dr. Frederick Betz (202) 357-7784 or Mr. Alex Schwarzkopf (202) 357-7527	*
Research in Information Science and Technology (Brochure NSF 81-34). Contact the Division of Information Science and Technology (202) 357-9572	*
Science in Developing Countries. Contact Dr. Gordon Hiebert, Division of International Programs (202) 357-9537, for current guidelines	*

- U.S.-East Asia Countries Cooperative Science (Brochure NSF 81-30). For projects with Indonesia, Malaysia, Thailand, and Singapore, contact Dr. Gordon Hiebert, Division of International Programs (202) 357-9537; for projects with Korea and the Philippines, contact Dr. Gerald A. Edwards, Division of International Programs (202) 357-9537 *
- U.S.-Japan Cooperative Earthquake Research. Steel Building Research (Brochure NSF 81-56). Contact Dr. S. C. Liu, Division of Civil and Environmental Engineering (202) 357-9500 *
- U.S.-New Zealand Cooperative Science. Letter-proposals for travel costs only for three-week visits for the purpose of developing cooperative research in physical oceanography, marine geology and geophysics, or marine biology. Contact Mr. Alan Milsap, Division of International Programs (202) 357-9558 *

PRIVATE

Questions regarding the following deadlines should be referred to ORA at 373-1920.

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| American Cancer Society
Research Grants | November 1 |
| American Chemical Society - Petroleum Research Fund
Grants-in-Aid | No Deadline |
| American Council of Learned Societies
Study Fellowships | November 15 |
| Chinese Programs | November 3 |
| East European Studies | December 1 |
| Grants-in-Aid | December 15 |
| American Diabetes Association, Incorporated
Research and Development Award | December 1 |
| Feasibility Grant Program | February 1 |
| American Heart Association - Minnesota Affiliate
Fellowships | November 15 |
| Grants-in-Aid | November 30 |
| American Lung Association
Research Grants | November 1 |
| American Philosophical Society
Grants-in-Aid | Various--Contact ORA |
| American-Scandinavian Foundation
Grants | November 1 |
| Fellowships | November 1 |
| Committee on Scholarly Communication with the People's
Republic of China (CSCPRC)
National Program for Advanced Study and Research in
China (Postmark) | November 5 |
| Distinguished Scholar Exchange Program (Postmark) | December 15 |
| Engineering Foundation
Pre-proposals | No Deadline |

Gas Research Foundation Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline
March of Dimes Basil O'Connor Starter Research Grants	Continuous
McKnight Foundation Scholars Awards Program	January 1
Minnesota Humanities Commission General Grants	October 27 January 21 January 7
Media Grants Small Grants - submit at least 6 weeks prior to start date	No Deadline
Minnesota Medical Foundation	December 31 & March 31
Muscular Dystrophy Association Grants-in-Aid (Request for Application)	November 30
National Foundation for Ileitis and Colitis, Inc.	February 1
National Fund for Medical Education Fellowships in Medical Education	November 1
National Geographic Society Grants-in-Aid	No Deadline
National Multiple Sclerosis Society Research Grants	January 15
	January 15
National Pork Producers Council Research Grants	December 15
Orthopaedic Research and Education Foundation Research Grants	October 15
Pharmaceutical Manufacturers Association Foundation Fellowship Awards in Pharmacology-Morphology	January 15
Medical Student Research Fellowships in Pharmacology- Clinical Pharmacology	January 15
Development Grant for Clinical Pharmacology Units	January 15
Technicon Instruments Corporation Grants for Research in Biomedical and Industrial Instrumentation	
Pre-proposals	No Deadline
University Genetics Company (UGEN)	No Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

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9/26/82

ORA RDC Newsletter

Published Jointly by the Office of Research Administration and the Research Development Center

NOVEMBER 1982

VOLUME XII/NO. 5

REMINDER - PROPOSAL PROCEDURES RELEVANT TO NIH (PHS 398 KIT)

As most investigators know, when submitting an application to the National Institutes of Health an "original plus six copies" must be transmitted to the Division of Research Grants. The photocopies must be single-sided and clear. A number of proposals submitted for the deadline of October 1 had to be returned to the departments due to the fact the copies were double-sided. The Division of Research Grants, NIH, will not accept applications containing double-sided copies. In addition, applications must not be bound or stapled but instead secured with rubber bands or binder clips.

NEW FORMS FOR PUBLIC HEALTH SERVICE (NIH) RESEARCH GRANTS, RESEARCH CAREER DEVELOPMENT AWARDS, AND INDIVIDUAL NATIONAL RESEARCH SERVICE AWARD FELLOWSHIPS

The Division of Research Grants has issued an announcement that the grant application forms for the referenced programs have been revised.

The application forms applicable to research grants (PHS 398-New and PHS 2590-Continuation) are now available for use. While the new forms (Revised May 1982) contain a number of changes, the most significant are in the areas of research involving human subjects or vertebrate animals. Therefore, effective January 1983, if proposed projects involve human subjects or vertebrate animals, the newly revised form must be used for submissions. In those cases where human subjects or animals are not involved, the 1980 version of the kits should be used until supplies are exhausted.

The revised application forms for Individual National Research Service Award Fellowships (PHS 416-1-New and PHS 416-9-Continuation) will be available soon. The revised forms must be used for the February 1, 1983 deadline.

NIH Research Career Development Awardees (K04) will start using the PHS 2590 Continuation application form in the near future. By approximately December 1, 1982, ORA will receive a computerized face page and a set of supplemental instructions for RCDA (K04) continuation applications. Coincident with this change, ORA will distribute the application form. The May 1982 revision of the PHS 2590 form will have to be used. Questions on this conversion should be directed to: Mr. Nicholas Moriarty, Division of Research Grants, National Institutes of Health, Bethesda, MD 20205 (301) 496-7221.

The Office of Research Administration has requested a supply of each application form and when received, copies may be obtained by contacting ORA at 373-5925. Should investigators wish to receive a copy of the forms directly from DRG/NIH

please direct a written request, specifying form number, to: Office of Grants Inquiries, Division of Research Grants, National Institutes of Health, Bethesda, MD 20205.

NATIONAL RESEARCH COUNCIL ASSOCIATESHIPS

The National Research Council has announced that it will again offer associateships to postdoctoral and senior scholars for basic and applied research in science and engineering at a number of federal laboratories including EPA, NASA, NOAA, NRL, and NORDA. Stipends begin at \$23,400 for recent graduates with higher stipends for senior scholars. Contact Associateship Office (JH 610-P), National Research Council, 2101 Constitution Avenue N.W., Washington, DC 20418. January 15 is the application deadline for most awards.

SMITHSONIAN INSTITUTION FELLOWSHIPS

Smithsonian Institution Fellowships provide support for six to twelve months of postdoctoral research training at more than 20 of its museums and laboratories. The fellowships carry a stipend at \$17,500 plus allowances. Request applications from Smithsonian Institution, Office of Fellowships and Grants, Room 3300, L'Enfant Plaza, Washington, DC 20560. Deadline: January 15, 1983.

TINKER POSTDOCTORAL FELLOWSHIPS

Tinker Postdoctoral Fellowships, intended to improve understanding among peoples of the U.S., Latin America, Spain, and Portugal, support research in social sciences, marine sciences, and international relations relating to those areas. The principal objective of the Fellowships is to foster intellectual growth by encouraging field research which will have significant theoretical implications for public policy and within or between disciplines. Applicants should have completed the Ph.D. in the past three to ten years. For details contact the Tinker Foundation Incorporated, 645 Madison Ave., New York, NY 10022 (212) 421-6858.

GERMAN MARSHALL FUND OF THE UNITED STATES FELLOWSHIPS

The German Marshall Fund of the United States offers research fellowships for projects to improve the understanding of contemporary economic, political, and social developments involving the U.S. and Europe. All applicants should hold the Ph.D. and have completed substantial research which has received critical review. The maximum stipend is \$28,000. Application deadline is November 30, 1982. The Fund also supports and sponsors short-term awards for European travel to intensify the exchange of ideas between European and American research scholars. For information on both programs contact German Marshall Fund of the United States, Research Fellowship Program, 11 Dupont Circle N.W., Washington, DC 20036 (202) 797-6430.

FORD FOUNDATION FELLOWSHIPS

The Ford Foundation Fellowships for combined Soviet/East European and International Security Studies support Soviet/East European analysts to study Soviet/East European Affairs. The competition is multi-disciplinary and is open to graduate degree and postdoctoral candidates. For applications contact Soviet/East European and International Security Program, Box 53 International Affairs Building, 420 West 118th St., New York, NY 10027 (212) 280-3535. Deadline: January 31, 1982.

NATIONAL RESEARCH COUNCIL OF CANADA ASSOCIATESHIPS

The National Research Council of Canada is offering two-year Research Associateships for science and engineering research in its laboratories. Applicants must have a Ph.D. in natural science or Master's degree in engineering and must demonstrate ability to perform original research of high quality. The 1983 recruiting rate for Ph.D.'s is \$27,277 although salaries vary with experience. Travel allowances are also available. Contact Research Associates Office, National Research Council of Canada, Ottawa, Ontario, Canada K1A 0R6. Deadline: December 15, 1982.

VISITING FELLOWSHIPS IN CANADIAN GOVERNMENT LABORATORIES

The Government of Canada is soliciting applications for Visting Fellowships in 22 Canadian Government Laboratories for research in science and engineering. Applicants must hold the Ph.D. or demonstrate equivalent experience. Stipends of \$24,048 may be supplemented by travel allowances. Contact Sholarships Office, Natural Sciences and Engineering Research Council of Canada, Ottawa, Ontario, Canada, K1A 0R6. Deadline: January 15, 1983.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, agency deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

Questions regarding the following deadlines should be referred to ORA at 373-5925.

NATIONAL INSTITUTES OF HEALTH

Research Grants, New	March	1
Research Grants, Renewals	February	1
NHLBI, New Investigator Award-Research Grant	March	1
NIH, New Investigator Awards	March	1
NIH, Research Career Development Awards	February	1

NIH, Individual Postdoctoral Fellowships	February	1
NIH, Institutional Training Programs	February	1
NHLBI, Clinical Investigators Award (Annual Deadline)	August	1
NIAMDD/NIA, SERCA: Diabetes Mellitus in the Elderly (Annual Deadline)	October	1
NIH, NRSA for Short-Term Training of Students in Health Professional Schools (Annual Deadline)	May	1
NHLBI, Preventive Cardiology Academic Award (Annual Deadline)	April	1
NIH, Support of Meetings (Scientific, U.S.A. or International)	February	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects (Annual Deadline)	June	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes (Annual Deadline)	June	1
NIAMDD, Clinical Investigator Award	February	1
NIGMS, NIGMS Shared Instrumentation Grants (Letter of intent by 11/15) (Annual Deadline)	February	15
NEY, National Eye Institute - Small Grants Program	February	1
NINCDS, Support of Research Centers and Program Projects	February	1
NHLBI/NIA/NIAID/NIADDD/NICHD/NIGMS, Studies on Nutritional Support of the Patient	March	1
NIA, Academic Award (Annual Deadline)	July	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects (Annual Deadline)	June	1
NIA, Teaching Nursing Home Plant (Letter of intent by 10/1) Revised Deadline	February	1
NCI, Research Related to Genetic Susceptibility to Human Breast Cancer	March	1
NIEHS, Development of Diagnostic Technology for Use in Populations Exposed to Hazardous Chemicals	March	1
NIDR, Epidemiology of Oral Diseases in Minorities	March	1
NINCDS, Research Grants in Neural Regeneration, Neural Plasticity and Related Developmental Biology	March	1
NHLBI, Small Vessel Protheses	March	1
NCI, Cancer Control Science Program (Letter of intent by 9/15)	February	1
NIH, DRR, SERCA: Award in Laboratory Animal Science	February	1
NIH, National Research Service Awards for Senior Fellows	February	1
NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <u>for each</u> : School of Medicine, Osteopathy, Dentistry, Public Health) (Annual Deadline)	September	1
NHLBI, Dietary Sodium and Its Role in the Prevention and Management of Hypertension	March	1
NIA, Pharmacology Program:		
Research Grants	March	1
Program Project Grants	February	1
Institutional NRSA	February	1
NIADDD, Research Interests in Epidermolysis Bullosa, Skin Diseases Program	March	1

NICHD, Adolescence Research:		
Research Grants	March	1
New Investigator Research	March	1
NIADDKD, Multipurpose Arthritis Centers (Letter of intent by 10/1)	February	1
NIDR, Long-Term Effects of Craniofacial Injuries	March	1
NCI, RFA: NIH-NCI-DRCCA-82-10, Community Clinical Oncology Program (CCOP) (Letter of intent requested by 8/23)	November	9
NCI, RFA: NIH-NCI-DCCP-SPB-82-11, Biochemical Epidemiology	November	15
NCI, RFA: NIH-NCI-DCCP-SPB-82-12, "Accuracy" of Questionnaire Derived Historic Dietary Information	November	15
NIAID, RFA: NIH-NIAID-82-9, Program Projects in Lymphocyte Biology (Letter of intent recommended by 11/15)	February	15
Fogarty International Center, Postdoctoral Research Fellowships, AVH in Germany (NOTE: Applications may be submitted at any time, however, submission is recommended at least five months in advance of German Selection Committee Meetings, usually in November, March and July)	February	1
DRR, Biomedical Research Support Grant	January	1
DRR, Small Grants for Pilot Projects, Biotechnology Resources Program	February	1
NINCDS, Research Grants on Small Animal Models for Screening Antiepileptic Drugs	March	1
NCI, Use of Growth Factors, Maturation Factors and Anti-Growth Factors in Animal Tumor Models-Biological Response Modifiers Research	March	1
NCI, Development of Genetically Engineered Cell Products-Biological Response Modifiers Research	March	1
NCI, Use of Tumor Associated Antigens As Immunogens-Biological Response Modifiers Research	March	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines-Biological Response Modifiers Research	March	1
NCI, Oncogene Products in Irradiated Cells and Tissue	March	1
NCI, Specific Radiation-Induced Chromosomal Abnormalities and Cancer	March	1
NCI, RFA: NIH-NCI-DCT-LLREB-82-15, Carcinogenesis In Small Animals Irradiated In Utero	December	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

Research Grants, New	March	1
Research Grants, Renewals	February	1
Individual Postdoctoral Fellowships	February	1
Institutional Training Grants, NRSA	February	1
Small Grants Program	Open	
Research Scientist Development/Research Scientist Award	February	1
NIAAA/NIDA/NIMH, Individual NRSA	February	1
NIAAA/NIDA/NIMH, Institutional NRSA Training	February	1

NIMH, Geriatric Mental Health Academic Awards (Awards limited to one per professional school)	March	1
NIMH, Research on Stress Reactivity in Adolescence	March	1
NIMH, Preventive Intervention Research Centers	March	1

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Health Careers Opportunity Program	December	10
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HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants	May	2
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CENTER FOR DISEASE CONTROL

Project Grants for Venereal Disease Research, Demonstrations, and Public Information and Education, FISCAL YEAR '83	July 1, 1983	
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FOOD AND DRUG ADMINISTRATION

Research Grants, New	March	1
Research Grants, Renewals	February	1

DEPARTMENT OF EDUCATION

Research in Education of the Handicapped:		
Student Initiated Research, 84.023A-B-New	March	17
Bilingual Education: Fellowship Program-New	November	12
Stengthening Research Library Resources Program-New	November	15
Fund for the Improvement of Postsecondary Education (FIPSE) Comprehensive-New (Tentative Deadline)	December	14
Fund for the Improvement of Postsecondary Education (FIPSE)-Continuations	January	18
Bilingual Education: Fellowship Program-Continuations	February	4
Regional Education Programs for Handicapped Persons-Continuations	March	18
Field Initiated Research-Continuations	April	1
College Library Resources Program-New	December	15

NATIONAL INSTITUTE OF EDUCATION

Unsolicited Proposals	February	3
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Questions regarding the following deadlines should be referred to ORA at 373-2784.

NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

Scientific Computing Research Equipment in the Mathematical Sciences	December 1
U.S.-India Cooperative Science Program (For International Travel to India between April 1, 1983 and June 30, 1983)	December 1
U.S.-Pakistan Cooperative Science Program (For International Travel to Pakistan between April 1, 1983 and June 30, 1983)	December 1
Computer Sciences and Computer Engineering Research Equipment (Brochure NSF 82-42). Contact Dr. John Lehmann (202) 357-7349	December 1
U.S.-Japan Program of Cooperation in Photo Conversion & Photosynthesis. Contact Dr. Charles Wallace Division of International Programs (202) 357-9537	December 1
U.S.-Federal Republic of Germany Cooperative Science. Contact Dr. Warren Thompson (202) 357-9700	December 1
U.S.-Switzerland Cooperative Science. Contact Dr. Warren Thompson (202) 357-9700	December 1
Alan T. Waterman Award Nominations (Announcement of Award: May 1983)	December 31
U.S.-Republic of Korea Cooperative Science. Contact Dr. Gerald A. Edwards (202) 357-9537	January 1
Engineering Research Initiation Grants (Proposed Starting Date: April 15, 1983)	January 15
Information Science and Technology. Special research initiation awards for new investigators. (Brochures NSF 81-34 and NSF 81-69). Contact Dr. Edward Weiss (202) 357-9572	February 2
NSF Visiting Professorships for Women. Contact Ms. M. Joan Callanan (202) 357-7734	February 15
Swiss National Science Foundation International Postdoctoral Fellowships. For research in Switzerland, normally for one year. Contact Dr. Warren Thompson (202) 357-9700	February 28

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Climate Dynamics Program (Proposed Starting Date: June 1983)	December 1
Alternative Biological Resources Program and the Metabolic Biology Program (Division of Physiology, Cellular, and Molecular Biology) - Proposed Starting Dates: September 1983	December 1
Division of Astronomical Sciences (Proposed Starting Dates: September 1983)	December
Division of Atmospheric Sciences (Proposed Starting Dates: September 1983)	December
Division of Chemical and Process Engineering (Proposed Starting Dates: September 1983)	December

Division of Chemistry (Proposed Starting Dates: September 1983)	December
Division of Materials Research (Proposed Starting Dates: September 1983)	December
Division of Mechanical Engineering and Applied Mechanics (Proposed Starting Dates: September 1983)	December
Physics (Proposed Starting Dates: September 1983)	December
Metabolic Biology. Contact Dr. Elijah Romanoff (202) 357-7987	December 1
Systematic Anthropological Collections. Contact Ms. Mary Greene (202) 357-7804	January 1
Earth Sciences: Stratigraphy and Paleontology; Environmental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	January 1
Analysis of Science Resources: Personnel, Funding, Impacts and Outputs. For further information and the program announcement NSF 80-19 (reprint) contact Mr. Morris Cobern, Personnel and Related Area (202) 634-4655, Mr. Norman Friedman, Science and Technology Funding (202) 634-4625, Ms. Jennifer Bond, Science and Technology Outputs (202) 634-4682.	January 15
Ecology. Contact Dr. Gary Barrett (202) 357-9734	January 15
Systematic Biology. Contact Dr. Wallace LaBerge (202) 357-9588	January 15
Population Biology and Physiological Ecology. Contact Dr. John Brooks (202) 357-9728	January 15
Climate Dynamics. Contact Dr. Kenneth Bergman (202) 357-9892	February 1
Ethics and Values in Science and Technology (Brochure SE 80-62). For Interdisciplinary Incentive Awards (Brochure SE 81-62A) Sustained Development Awards (Brochure SE 81-62B). Contact Dr. Rachelle Hollander (202) 357-7552	February 1
Innovation Processes Research (Brochure NSF 81-84). Contact Dr. Louis Tornatzyky, Dr. J.D. Eveland, or Dr. W. A. Hetzner (202) 357-9804; Dr. E. C. Johnson (202) 357-7875	February 1
Ocean Sciences Research. Contact Dr. Robert Wall (202) 357-7912	February 1
Ocean Sciences Instrumentation Development. For further information and/or the proposal brochure, contact Mr. H. Lawrence Clark (202) 357-7837	February 1
Biochemistry. Contact Dr. Huber Warner (202) 357-7945	February 1
Biophysics. Contact Dr. Arthur Kowalsky (202) 357-7777	February 1
Cell Biology. Contact Dr. John Cook (202) 357-7474	February 1
Cell Physiology. Contact the Division of Physiology, Cellular and Molecular Biology (202) 357-7377	February 1
Development Biology. Contact Dr. Susan Bryant, (202) 357-7989	February 1

Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	February 1
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	February 1
Economics. Contact Dr. Daniel Newlon, Dr. James Blackman, or Dr. Lynn Pollnow (202) 357-9675	February 1
Geography and Regional Science. Contact Dr. James Blackman (202) 357-7441	February 1
Measurement Methods and Data Resources, Contact Dr. Murray Aborn, Dr. Sara Nerlove (202) 357-7913	February 1
Sociology. Contact Dr. Joanne Miller, (202) 357-7802	February 1
History and Philosophy of Science. Contact Ms. Bonney Sheahan (202) 357-9677	February 1
Political Science. Contact Dr. William Mishler (202) 357-9406	February 1
Law and Social Sciences. Contact Dr. Felice Levine (202) 357-9567	February 1
Decision and Management Science. Contact Dr. Trudi Miller (202) 357-7569	February 1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenburg (202) 357-7417	February 1

Questions regarding the following deadlines should be referred to ORA at 3-2785.

U.S. DEPARTMENT OF AGRICULTURE

Postmark deadlines for proposals submitted for USDA's FY1983 Competitive Research Grant Program are as follows:

Biological Stress on Plants	December 1
Human Nutrient Requirements	January 15
Genetic Mechanisms for Crop Improvement	February 11
Biological Nitrogen Fixation	February 26
Photosynthesis	February 26

NONFEDERAL

Questions regarding the following deadlines should be referred to ORA at 373-1920.

American Chemical Society - Petroleum Research Fund Grants-in-Aid	No Deadline
American Council of Learned Societies Study Fellowships	November 15
Grants-in-Aid	December 15
American Diabetes Association, Incorporated Research and Development Award	December 1
Feasibility Grant Program	February 1
American Heart Association - Minnesota Affiliate Fellowships	November 15
Grants-in-Aid	November 30
American Philosophical Society Grants-in-Aid	Various--Contact ORA

Arthritis Foundation - Minnesota Chapter	February 15
Committee on Scholarly Communication with the People's Republic of China (CSCPRC)	
Distinguished Scholar Exchange Program (Postmark)	December 15
Engineering Foundation	
Pre-proposals	No Deadline
Gas Research Foundation	
Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline
German Marshall Fund of the United States	
Research Fellowships	November 30
March of Dimes	
Basil O'Connor Starter Research Grants	Continuous
McKnight Foundation	
Scholars Awards Program	January 1
Minnesota Humanities Commission	
General Grants	January 21
Media Grants	January 7
Small Grants - submit at least 6 weeks prior to start date	No Deadline
Minnesota Medical Foundation	December 31 & March 31
Muscular Dystrophy Association	
Grants-in-Aid (Request for Application)	November 30
National Foundation for Ileitis and Colitis, Inc.	February 1
National Geographic Society	
Grants-in-Aid	No Deadline
National Multiple Sclerosis Society	
Research Grants	January 15
Fellowships	January 15
National Pork Producers Council	
Research Grants	December 15
Pharmaceutical Manufacturers Association Foundation	
Fellowship Awards in Pharmacology-Morphology	January 15
Medical Student Research Fellowships in Pharmacology-	
Clinical Pharmacology	January 15
Development Grant for Clinical Pharmacology Units	January 15
Technicon Instruments Corporation	
Grants for Research in Biomedical and Industrial Instrumentation	
Pre-proposals	No Deadline
University Genetics Company (UGEN)	No Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

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ORADDC Newsletter

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VOLUME XII/NO. 6

REMINDER - THE BA FORM 23 PROCESS

Recently there have been some proposal submittals delayed because of failure to complete the BA Form 23, "Application for External Research or Training Support." Principal Investigators are reminded of the institutional policy requiring completion of the BA Form 23 on all applications for new, renewal and continuation support. Preliminary proposals and revised budgets do not require the BA Form 23, however, collegiate or departmental offices may have additional policy requirements in this regard. In addition, if projects involve resources or staff from more than one department or college (whether budgeted or contributed), approval signatures must be obtained on the BA Form 23 from all involved department heads and deans.

SMALL GRANTS PROGRAM UNDER NATIONAL INSTITUTES OF HEALTH

The Division of Research Resources, National Eye Institute, National Institute on Aging, and the National Institute of Dental Research each has previously announced the availability of a small grant award. These one-time awards of up to \$15,000 offer an accelerated cycle of receipt, review and award of four to five months. In an effort to alleviate problems of special handling which could jeopardize this shortened cycle, NIH is urging prospective small grant applicants to give careful attention to the following requirements or suggestions: (1) Obtain special information and instructions for preparation of the application from the appropriate Division or Institute; (2) Clearly identify the mailing envelope as containing a SMALL GRANT APPLICATION; (3) Do not package with other types of applications; and (4) Submit the application to Division of Research Grants (copies to the Institute) as early as possible, and in all cases in time to arrive at NIH by the published receipt dates of February 1, June 1, and October 1. Adherence to the above should facilitate prompt processing of the applications within the accelerated period.

DIVISION OF RESEARCH RESOURCES, NIH, ANNOUNCES BIOMEDICAL RESEARCH SUPPORT SHARED INSTRUMENTATION GRANTS DEADLINE

The Division of Research Resources (DRR) is continuing its competitive Biomedical Shared Instrumentation Grant Program established in FY 1982. This sub-program of the Biomedical Research Support (BRS) Grant Program provides support, to institutions with a high concentration of NIH extramural research awards, for expensive state-of-the-art instruments utilized in biomedical research which can only be justified on a shared use basis and for which meritorious research projects are described.

Applications are limited to instruments that cost at least \$100,000 per instrument or system. There is no upper limit on the cost of the instrument, but

the maximum award is \$300,000. Types of instrumentation supported include, but are not limited to, nuclear magnetic resonance systems, electron microscopes, mass spectrometers, protein sequencer/amino acid analyzers and cell sorters. Support will not be provided for general purpose equipment or "stand alone" computer systems.

Awards will be made for the direct costs of acquisition of new, or the updating of existing, research instruments. The institution must meet those costs (not covered in the normal purchase price) required to place the instrumentation in operational order as well as the maintenance, support personnel and service costs associated with maximum utilization of the instrument.

Eligibility is limited to those grantees which received a BRS grant award in FY 1983. Depending on availability of FY 1984 funds, it is expected that between 25 and 75 awards will be made. Complete details and application materials may be obtained from ORA by calling 373-5925. Deadline: February 15, 1983.

NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS) SHARED INSTRUMENTATION GRANTS

NIGMS has reannounced the availability of a grant mechanism for the acquisition of new, or the updating of existing, major research instruments which cannot be justified fully for use on a single project but which can serve several projects on a shared basis. The intent of this grant is to provide NIGMS grantees with better access to modern instrumentation and to encourage the sharing of expensive equipment. Although the needs of NIGMS grantees are the primary basis on which these shared instrumentation grants will be awarded, access to the instruments provided by this mechanism will not be restricted to NIGMS grantees nor to investigators within the particular grantee institution.

Each NIGMS Shared Instrumentation Grant will provide support for an instrument, instrument system, or for the upgrading of an existing system. Each item or system must cost at least \$30,000. Although there is no upper limit to the cost of instrumentation that can be requested, the maximum contribution from NIGMS in the equipment category will be \$200,000. Stand-alone computers or relatively routine general purpose equipment, such as scintillation counters or preparative ultracentrifuges, will not be considered for an award. Grants will be awarded for a period of up to three years and are not renewable. Besides the cost of the instrumentation, support for maintenance of the equipment may be requested for the period of the grant. In cases where at least 25% of the planned use of the equipment will be by users other than the major user group (see eligibility requirements), support for technical assistance up to a maximum of one-half the salary of a qualified technician may be requested for up to three years. Provisions for continued maintenance of the equipment and for technical support beyond the period of the grant must be made by the applicant institution and these plans must be detailed in the application.

The Principal Investigator on an application for a shared instrumentation grant must hold an active NIGMS research grant and must assume responsibility for the instrument and for all related administrative functions. A major user group of three or more investigators (including the Principal Investigator) must be identified who will use the equipment at least 75% of the time. At least one of this group must have sufficient expertise to instruct others in the use of the equipment and to oversee its appropriate use. Each major user must have NIH

research support at the time of award and at least one-half, but a minimum of two, of the major users must hold NIGMS grants. If the major user group does not need the equipment for 100% of the available instrument time, up to 25% of the time may be made available to other users. These other users need not have NIH grant support. Complete details and application materials may be obtained from ORA by calling 373-5925. Deadline: February 15, 1983.

NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH (NIOSH) ANNOUNCES SMALL GRANT DEADLINE

NIOSH will accept competitive grant applications for small grants until January 3, 1983. Awards are intended to provide financial support for investigators who have no federal or non-federal research grant support. The grants may be used to carry out exploratory or pilot studies, to develop or test new techniques or methods, or to analyze data previously collected. Examples of programmatic areas of interest are: traumatic injuries, reproductive effects, neurologic and cardiovascular effects, occupational cancers, musculoskeletal injuries, noise-induced hearing loss, dermatologic problems, and psychological disorders.

The program is intended primarily for predoctoral graduate students and postdoctoral researchers; however, investigators from any scientific discipline and at any stage of their career may apply. Support may not be requested to supplement projects currently supported by federal or non-federal support, nor may interim support of projects under review by PHS be requested. A grant application submitted simultaneously with a regular research grant application on the same topic will not be accepted. Further information and application materials may be obtained from ORA by calling 373-5925.

MINNESOTA HUMANITIES COMMISSION GRANTS

The Minnesota Humanities Commission has announced its grant program deadlines for 1983 (See Nonfederal deadline section of Newsletter). Potential applicants are reminded that (1) the Minnesota Humanities Commission requires that their award be matched dollar for dollar from other funds, and (2) federal National Endowment for the Humanities funds and expenses incurred outside of the Minnesota Humanities Commission award period do not qualify as match.

TECHNOLOGY AND RESEARCH FOUNDATION (TRF) SPINAL CORD INJURY RESEARCH

TRF has announced that it will support projects dealing with basic and applied medical research. An area of special interest in applied medical research is the relationship between aging and spinal cord injuries. The proposal deadline will be January 1, 1983. For program information and application forms, contact Research Director, Paralyzed Veterans of America, Technology and Research Foundation, 4350 East-West Highway, Suite 900, Bethesda, MD 20814 (301) 652-2135.

DISTILLED SPIRITS COUNCIL OF THE U.S. (DISCUS) ALCOHOL CONSUMPTION RESEARCH

Applications for seed grants for alcohol research projects in the biomedical and behavioral sciences will be accepted by DISCUS. Studies may be supported in the following areas: (1) relationship between alcohol consumption patterns and human health and longevity; (2) effects of alcohol on fetal development; (3) role of alcohol in neuropsychiatric disorders; (4) role of alcohol in cirrhosis of the liver; (5) alcohol and traffic safety; (6) effects of control measures on health problems related to alcohol; (7) adolescent drinking; (8) genetic factors and alcohol consumption patterns in various populations; and (9) investigator-proposed research areas. Deadlines for proposals are February 1, May 1, and August 1, 1983. For further information and application materials, contact the Distilled Spirits Council of the U.S. Inc., 425 13th St. NW, Washington, DC 20004 (202) 628-3544.

CHARLES STEWART MOTT FOUNDATION

The Foundation is interested in receiving proposals for demonstration and action programs in the area of community self-improvement through education, social welfare, and environmental development. It is particularly interested in encouraging unique approaches to solving community problems that can serve as models in other communities. Proposals for seed money, as opposed to general support, are preferred; and proposals may be submitted at any time. Contact ORA at 373-1970 for information on application procedures.

NATIONAL SCIENCE FOUNDATION (NSF) POSTDOCTORAL RESEARCH FELLOWSHIP

NSF has announced a new postdoctoral research fellowship in plant biology. Applicants must present a research plan that contributes to basic understanding of plant biology at the molecular or cellular level and that is in a scientific discipline or subfield other than that of their doctoral training. U.S. citizens who have earned the doctoral degree in biological or physical science by the beginning of the fellowship but not before January 1, 1980, are eligible to apply. Contact NSF Postdoctoral Fellowships in Plant Biology, Division of Physiology, Cellular and Molecular Biology, National Science Foundation, Washington, DC 20550 (202) 357-7987. Deadline: January 15, 1983.

MELLON POSTDOCTORAL FELLOWSHIP

Bryn Mawr College is seeking applicants for a Mellon Postdoctoral Fellowship in the Humanities, with a specialization in Far Eastern cultures. Candidates should have completed the Ph.D. within the past four years, but no later than May 1983. Contact Dean Barbara M. Kreutz, Graduate School of Arts and Sciences, Bryn Mawr College, Bryn Mawr, PA 19010. Deadline: January 15, 1983.

DOE UNIVERSITY-LABORATORY COOPERATIVE PROGRAMS

The Department of Energy University-Laboratory Cooperative Programs is offering opportunities for full-time faculty members who are U.S. citizens or permanent residents to conduct research relating to energy production, utilization,

conservation and their social implications at DOE facilities. Stipends and length of appointments vary. Contact University Programs Division, Oak Ridge Associated Universities, P.O. Box 117, Oak Ridge, TN 37830. Deadline: January 31 for summer and sabbatical leave appointments.

OFFICE OF INTERNATIONAL PROGRAMS DEADLINE INFORMATION

The Office of International Programs has information--including deadline dates--on fellowship and grant programs which support international activities. For further information, please contact the OIP at 373-3793.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, agency deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

Questions regarding the following deadlines should be referred to ORA at 373-5925.

NATIONAL INSTITUTES OF HEALTH

Research Grants, New	March	1
Research Grants, Renewals	February	1
NHLBI, New Investigator Award-Research Grant	March	1
NIH, New Investigator Awards	March	1
NIH, Research Career Development Awards	February	1
NIH, Individual Postdoctoral Fellowships	February	1
NIH, Institutional Training Programs	February	1
NHLBI, Clinical Investigators Award (Annual Deadline)	August	1
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NIH, NRSA for Short-Term Training of Students in Health Professional Schools (Annual Deadline)	May	1
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NIH, Support of Meetings (Scientific, U.S.A. or International)	February	1
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NIAMDD, Clinical Investigator Award	February	1
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NEY, National Eye Institute - Small Grants Program	February	1
NINCDS, Support of Research Centers and Program Projects	February	1

NHLBI/NIA/NIAID/NIADDDK/NICHD/NIGMS, Studies on Nutritional Support of the Patient	March	1
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NIEHS, Development of Diagnostic Technology for Use in Populations Exposed to Hazardous Chemicals	March	1
NIDR, Epidemiology of Oral Diseases in Minorities	March	1
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NCI, Development of Genetically Engineered Cell Products- Biological Response Modifiers Research	March	1
NCI, Use of Tumor Associated Antigens As Immunogens- Biological Response Modifiers Research	March	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines-Biological Response Modifiers Research	March	1
NCI, Oncogene Products in Irradiated Cells and Tissue	March	1
NCI, Specific Radiation-Induced Chromosomal Abnormalities and Cancer	March	1
DRR, Biomedical Research Support Shared Instrumentation Grants	February	15
NIEHS, The NIEHS Clinical Investigator Award	February	1
NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of Intent recommended 30 days prior to established receipt deadline)		
Individual Postdoctoral Fellowships	February	1
Institutional Training Programs	February	1
Clinical Investigator Awards	February	1
Senior Fellowships	February	1
Research Grants	March	1
NINCDS, Fundamental Neurosciences Program	March	1
NIOSH, Small Grants to Support Occupational Safety and Health Research	January	3

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

Research Grants, New	March	1
Research Grants, Renewals	February	1
Individual Postdoctoral Fellowships	February	1
Institutional Training Grants, NRSA	February	1
Small Grants Program	Open	
Research Scientist Development/Research Scientist Award	February	1
NIAAAA/NIDA/NIMH, Individual NRSA	February	1
NIAAAA/NIDA/NIMH, Institutional NRSA Training	February	1
NIMH, Geriatric Mental Health Academic Awards (Awards limited to one per professional school)	March	1
NIMH, Research on Stress Reactivity in Adolescence	March	1
NIMH, Preventive Intervention Research Centers	March	1

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Health Careers Opportunity Program	December	10
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HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants	May	2
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CENTER FOR DISEASE CONTROL

Project Grants for Venereal Disease Research, Demonstrations, and Public Information and Education, FISCAL YEAR '83	July 1, 1983	
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FOOD AND DRUG ADMINISTRATION

Research Grants, New	March	1
Research Grants, Renewals	February	1

DEPARTMENT OF EDUCATION

Research in Education of the Handicapped:		
Student Initiated Research, 84.023A-B (New)	March	17
Fund for the Improvement of Postsecondary Education (FIPSE) Comprehensive (New) PRELIMINARY PROPOSALS	December	14
Fund for the Improvement of Postsecondary Education (FIPSE) (Continuations)	January	18
Bilingual Education: Fellowship Program (Continuations)	February	4
Regional Education Programs for Handicapped Persons (Continuations)	March	18
Field Initiated Research (Continuations)	April	1
College Library Resources Program (New)	December	15
Upward Bound Program	December	23
Bilingual Education Act-Basic Projects in Bilingual Education Program, 84.003D	January	7
Bilingual Education Act-Basic Projects in Bilingual Education Program (Continuation for a Second Budget Period Only 84.003C)	March	15
Fulbright Hayes Training Grants:		
Group Project Abroad Program, 84.021	December	8
Foreign Curriculum Consultants Program, 84.020	December	8
Bilingual Education Act-Demonstrations Projects Program, 84.003B	January	12
Bilingual Education Act-Demonstration Projects Program (Continuations for a Second Budget Period Only, 84.003B)	March	11
Bilingual Education Act-School of Education Projects Program, 84.003E	December	21
Bilingual Education Act-School of Education Projects Program, 84.003E (Continuations)	December	21
Bilingual Vocational Training Program, 84.077	December	29
Bilingual Vocational Training program, 84.077 (Continuations)	December	29
Bilingual Vocational Instructor Training, 84.099	December	29
Bilingual Vocational Instructor Training, 84.099 (Continuations)	December	29
Bilingual Education Act-Training Projects Program (Activities A, B, and C) (Continuations Only, 84.003K)	December	15
Bilingual Education Act-Training Projects Program (Activity D), 84.003L (Continuations Only)	January	14
Bilingual Education Act-Training Projects Program (Activity E), 84.003N (Continuations Only)	January	14
International Research and Studies Program, 84.017 (New and Continuation)	January	7
Graduate and Professional Study Fellowships Program	January	5

NATIONAL INSTITUTE OF EDUCATION

Unsolicited Proposals

February 3

Questions regarding the following deadlines should be referred to ORA at 373-2784.

NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

U.S.-Republic of Korea Cooperative Science. Contact Dr. Gerald A. Edwards (202) 357-9537	January	1
Engineering Research Initiation Grants (Proposed Starting Date: April 15, 1983)	January	15
Postdoctoral Fellowships in Plant Biology. Contact Division of Physiology, Cellular and Molecular Biology (202) 357-7987	January	15
Information Science and Technology. Special research initiation awards for new investigators (NSF 81-34 and NSF 81-69). Contact Dr. Edward Weiss (202) 357-9572	February	2
NSF Visiting Professorships for Women. Contact Ms. M. Joan Callanan (202) 357-7734	February	15
Swiss National Science Foundation International Postdoctoral Fellowships. For research in Switzerland, normally for one year. Contact Dr. Warren Thompson (202) 357-9700	February	28
U.S.-India Exchange of Scientists (NSF 80-53). Contact Mr. Eugene Pronko (202) 357-9550	March	15
Small Business Innovation Research. Contact Mr. Ritchie Coryell or Mr. Roland Tibbetts (202) 357-7527	March	31

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Systematic Anthropological Collections. Contact Ms. Mary Greene (202) 357-7804	January	1
Earth Sciences: Stratigraphy and Paleontology; Environmental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	January	1

Analysis of Science Resources: Personnel, Funding, Impacts and Outputs (NSF 80-19). Contact Mr. Morris Cobern (202) 634-4655, Mr. Norman Friedman (202) 634-4625, Ms. Jennifer Bond (202) 634-4682	January	15
Ecology. Contact Dr. Gary Barrett (202) 357-9734	January	15
Systematic Biology. Contact Dr. Wallace LaBerge (202) 357-9588	January	15
Population Biology and Physiological Ecology. Contact Dr. John Brooks (202) 357-9728	January	15
Climate Dynamics. Contact Dr. Kenneth Bergman (202) 357-9892	February	1
Ethics and Values in Science and Technology (NSF SE 80-62). For Interdisciplinary Incentive Awards (NSF SE 81-62A) Sustained Development Awards (NSF SE 81-62B). Contact Dr. Rachelle Hollander (202) 357-7552	February	1
Innovation Processes Research (NSF 81-84). Contact Dr. Louis Tornatzyky, Dr. J.D. Eveland, or Dr. W. A. Hetzner (202) 357-9804; Dr. E. C. Johnson (202) 357-7875	February	1
Ocean Sciences Research. Contact Dr. Robert Wall (202) 357-7912	February	1
Ocean Sciences Instrumentation Development. Contact Mr. H. Lawrence Clark (202) 357-7837	February	1
Biochemistry. Contact Dr. Huber Warner (202) 357-7945	February	1
Biophysics. Contact Dr. Arthur Kowalsky (202) 357-7777	February	1
Cell Biology. Contact Dr. John Cook (202) 357-7474	February	1
Cell Physiology. Contact the Division of Physiology, Cellular and Molecular Biology (202) 357-7377	February	1
Developmental Biology. Contact Dr. Susan Bryant (202) 357-7989	February	1
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	February	1
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	February	1
Economics. Contact Dr. Daniel Newlon, Dr. James Blackman, or Dr. Lynn Pollnow (202) 357-9675	February	1
Geography and Regional Science. Contact Dr. James Blackman (202) 357-7441	February	1
Measurement Methods and Data Resources. Contact Dr. Murray Aborn or Dr. Sara Nerlove (202) 357-7913	February	1
Sociology. Contact Dr. Joanne Miller (202) 357-7802	February	1
History and Philosophy of Science. Contact Ms. Bonney Sheahan (202) 357-9677	February	1
Political Science. Contact Dr. William Mishler (202) 357-9406	February	1
Law and Social Sciences. Contact Dr. Felice Levine (202) 357-9567	February	1
Decision and Management Science. Contact Dr. Trudi Miller (202) 357-7569	February	1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg (202) 357-7417	February	1
Science in Developing Countries Program (NSF 81-51). Contact Dr. Gordon Hiebert (202) 357-9537	March	1

U.S.-East Asia Cooperative Science (NSF 81-30).

Contact Dr. Gerald A. Edwards or Dr. Gordon Hiebert
(202) 357-9537

March 1

*NSF Proposals may be submitted for the following programs at any time of the year. It takes approximately six to nine months to process a proposal. Brochures indicated in parentheses may be ordered.

Anthropology. Contact Dr. John Yellen (202) 357-7804 *

Linguistics. Contact Dr. Paul Chapin (202) 357-7696 *

Memory and Cognitive Processes. Contact Dr. Joseph Young
(202) 357-9898 *

Neurobiology. Contact Dr. Steven E. Kornguth
(202) 357-7471 *

Psychobiology. Contact Dr. Fred Stollnitz (202) 357-7949 *

Sensory Physiology and Perception. Contact Dr. Terrence
Dolan (202) 357-7428 *

Social and Developmental Psychology. Contact Dr. Richard
Louttit (202) 357-9485 *

Biological Research Resources. Contact Dr. James Tyler
(202) 357-7475 *

Doctoral Dissertation Research Contact Dr. James Edwards
(202) 357-9588 *

Ecosystem Studies. Contact Dr. W. Franklin Harris
(202) 357-9596 *

Science in Developing Countries. Contact Dr. Gordon
Hiebert (202) 357-9537 *

U.S.-China Cooperative Science. Contact Dr. Pierre
Perrolle or Mr. Alexander DeAngelis, Division of
International Programs (202) 357-7393 *

U.S.-East Asia Cooperative Science (NSF 81-30). For
projects with Indonesia, Malaysia, Thailand, and
Singapore, contact Dr. Gordon Hiebert (202) 357-9537; for
projects with the Philippines, contact Dr. Gerald A.
Edwards (202) 357-9537 *

U.S.-New Zealand Cooperative Science. Contact Mr. Alan
Milsap (202) 357-9558 *

U.S.-Eastern Europe Cooperative Science (NSF 81-27).
Contact Miss Deborah Wince (202) 357-9516 *

Industry/University Cooperative Research Projects
(NSF 80-31). Contact Dr. Frederick Betz (202) 357-7785
or Mr. Alex Schwarzkopf (202) 357-7527 *

Industry/University Cooperative Research Centers. Contact
Mr. Robert Colton or Mr. Alex Schwarzkopf (202) 357-7527 *

Policy Research and Analysis (NSF 81-82). Contact
Ms. Agnes Rhodes (202) 357-9689 *

Research in Information Science and Technology (NSF 81-34).
Contact the Division of Information Science and
Technology (202) 357-9572 *

Special Research Initiation Awards for New Investigators
in Information Science and Technology (NSF 81-69).
Contact the Division of Information Science and
Technology (202) 357-9572 *

Questions regarding the following deadlines should be referred to ORA at 3-2785.

U.S. DEPARTMENT OF AGRICULTURE

Postmark deadlines for proposals submitted for USDA's FY1983 Competitive Research Grant Program are as follows:

Human Nutrient Requirements	January	15
Genetic Mechanisms for Crop Improvement	February	11
Biological Nitrogen Fixation	February	26
Photosynthesis	February	26

NONFEDERAL

Questions regarding the following deadlines should be referred to ORA at 373-1920.

American Cancer Society		
Scholars in Cancer Research	March	1
Postdoctoral Fellowships	March	1
Faculty Research Awards	March	1
Junior Faculty Research Awards	March	1
Research Professorships	March	1
Research and Clinical Investigator Grants	April	1
American Chemical Society - Petroleum Research Fund		
Grants-in-Aid	No Deadline	
American Council of Learned Societies		
Grants-in-Aid	December	15
American Diabetes Association, Inc.		
Feasibility Grant Program	February	1
American Philosophical Society		
Grants-in-Aid	Various--Contact ORA	
Arthritis Foundation - Minnesota Chapter	February	15
Committee on Scholarly Communication with the People's Republic of China (CSCPRC)		
Distinguished Scholar Exchange Program (Postmark)	December	15
Cystic Fibrosis Foundation		
Student Traineeships	February	1
Distilled Spirits Council of the U.S., Inc.	February	1
Engineering Foundation		
Pre-proposals	No Deadline	
Gas Research Foundation		
Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline	
Juvenile Diabetes Foundation		
Research Grants	March	1
Ladies Auxiliary, Veterans of Foreign Wars of U.S.		
Cancer Research Fellowship Grants	March	1
March of Dimes		
Basil O'Connor Starter Research Grants	Continuous	
Education Grants	January	1
Medical Services	January	1
Reproductive Hazards in the Workplace	June	1

McKnight Foundation		
Scholars Awards Program	January	1
Minnesota Humanities Commission		
General Grants (Over \$500): Draft Applications	January	31
	April	22
	July	29
	October	21
General Grants (Over \$500): Final Applications	February	11
	May	13
	August	19
	November	11
Small Grants (Under \$500)		
Final Applications due 6 weeks prior to start date	No Deadline	
Media Grants: Application Review (including a 10-minute sample of technical personnel's work)	January	7
	July	15
Media Grants: Final Applications	February	11
	May	13
	August	19
	November	11
Minnesota Medical Foundation	December	31
	March	31
Charles Stewart Mott Foundation (Letter of inquiry)	No Deadline	
National Foundation for Ileitis and Colitis, Inc.	February	1
National Geographic Society		
Grants-in-Aid	No Deadline	
National Multiple Sclerosis Society		
Research Grants	January	15
Fellowships	January	15
National Pork Producers Council		
Research Grants	December	15
Pharmaceutical Manufacturers Association Foundation		
Fellowship Awards in Pharmacology-Morphology	January	15
Medical Student Research Fellowships in Pharmacology- Clinical Pharmacology	January	15
Development Grant for Clinical Pharmacology Units	January	15
Procter and Gamble Company		
University Exploratory Research Program	January	1
Runyon-Winchell Cancer Fund		
Postdoctoral Fellowship Grant	December	15
Technicon Instruments Corporation		
Grants for Research in Biomedical and Industrial Instrumentation		
Pre-proposals	No Deadline	
Technology and Research Foundation (Paralyzed Veterans of America)		
Fellowships	January	1
Research Grants	January	1
University Genetics Company (UGEN)	No Deadline	

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

ORA RDC Newsletter

MRC
4/1/83

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JANUARY 1983

VOLUME XII/NO. 7

NEW FRINGE BENEFIT RATES

The fringe benefit rates shown below are in effect starting November 1, 1982. They are scheduled for review and change in October 1983. The estimated rates shown are to be used for budgeting beyond October 1983.

	ACADEMIC %	CIVIL SERVICE %
Health Plan	4.5940	8.7727
Unemployment Compensation	.1147	.5830
Workers Compensation	.0000	1.0071
Group Life	.2829	.2554
Retirement	11.8154	5.0400
F.I.C.A.	<u>6.1930</u>	<u>7.4372</u>
	23.0000	23.0954
Estimated rates to be used for budgeting beyond 10/83	24.0000	22.0000

PUBLIC HEALTH SERVICE ISSUES REVISED PUBLIC HEALTH SERVICE GRANTS POLICY STATEMENT

PHS Grants Policy Statement which is the successor to the October 1, 1976 issuance is now available and designated as DHHS Publication No. (OASH) 82-50,000 (Rev.) December 1, 1982. This policy statement is applicable to all PHS discretionary grants with a budget period effective date of December 1, 1982 and after. The Office of Research Administration is in the process of providing a copy to collegiate units and departments who currently receive support under the discretionary grant program. Questions of interpretation, clarification or correction, as received from NIH, will be provided as necessary in subsequent issues of the Newsletter.

ECONOMIC DEVELOPMENT ASSISTANCE PROGRAMS

The Economic Development Administration (EDA) announced it is accepting applications for seven of its discretionary grants programs. The programs are: 1) planning grants for economic development districts, redevelopment areas and Indian tribes; 2) planning grants for urban planning activities; 3) planning grants for state planning activities; 4) grants for technical assistance; 5) grants for research; 6) economic adjustment assistance; and 7) grants for public works and development facilities. This announcement appeared in the November 23 Federal Register. The grants for technical assistance and grants

for research programs are summarized below. No deadlines were set for these programs, but applications are now being accepted.

GRANTS FOR TECHNICAL ASSISTANCE: EDA will award grants to support technical assistance projects at university centers that are current EDA grantees and at public and nonprofit organizations and for-profit firms. These projects will address the problems of unemployment and underemployment. Contact Beverly Milkman, Director, Office of Planning, Technical Assistance, Research and Evaluation, Economic Development Administration, Room 7844, U.S. Department of Commerce, Washington, DC 20230. For further information, contact Leon Douglas (202) 377-2873.

GRANTS FOR RESEARCH: EDA will award grants to universities, commercial firms, nonprofit institutions and private individuals for research projects that address the causes of unemployment, underemployment, underdevelopment and chronic depression in various areas of the nation and that assist in the formulation of programs that will raise income levels and otherwise produce solutions to these problems. For further information, contact David Geddes (202) 377-4085.

FORD FOUNDATION

The Ford Foundation will be awarding approximately \$2.9 million in grants to support programs to improve the chances of survival and promote the health and mental development of poor children. The emphasis will be on preventive rather than curative services. Applications for support may be submitted at any time. For further information on the Fair Start for Children Program and grant guidelines, contact the Ford Foundation in care of Robert Tolles, Office of Reports, 320 East 43rd Street, New York, NY 10017 or call (212) 573-5000. Request a copy of the brochure, *Current Interests of the Ford Foundation*.

AMERICAN NUMISMATIC SOCIETY

The American Numismatic Society offers ten grants-in-aid for study at the thirty-first Seminar in Numismatics, June 14 through August 13, 1983. The purpose of the grants is to provide a deeper understanding of the contributions made by numismatics to other fields of study, i.e. Archaeology, History, Art History, Economic History, etc. Students with at least one year of graduate work and junior faculty with degrees in such disciplines are eligible. Each grant will carry a stipend of \$900. Further information and application forms may be obtained from the Society, Broadway at 155th Street, New York, NY 10032. Completed applications must be filed by March 1, 1983.

SUMMER FACULTY PROGRAM

The U.S. Navy, American Society for Engineering Education, and NASA are cooperating in a Summer Faculty Program to place approximately 400 members in research installations of the Navy and NASA. Applicants must be U.S. citizens, preferably with two years teaching or research experience. Navy appointments require Department of Defense Security Clearance of "Secret." The stipend is \$600 per week for ten weeks plus travel for a pre-program visit. Contact Summer Faculty Programs, American Society for Engineering Education, 11 Dupont Circle, Suite 200, Washington, DC 20036. Deadline: February 1, 1983.

UNIVERSITY PROFESSORS-POSTDOCTORAL FELLOWSHIP IN HUMANITIES

Boston University announces a University Professors Postdoctoral Fellowship in Humanities for 1983-84. The program is designed to broaden the scholar's competence in an interdisciplinary way or to provide an opportunity to retrain for a nonacademic career which may require a strong background in the humanities. Applicants must be U.S. citizens who received the Ph.D. prior to July 1, 1983, but not before 1980. The appointment, considered the equivalent to the rank of assistant professor, is for one year only and carries a stipend of \$15,000. Contact Director, University Professors Program, Boston University, 745 Commonwealth Ave., Boston, MA 02215 (617) 353-4020. Deadline: March 1, 1983.

NSF/NEH INTERDISCIPLINARY INCENTIVE AWARDS

Interdisciplinary Incentive Awards are being offered by the National Science Foundation and the National Endowment for the Humanities to enable individuals with training in the sciences or humanities to enhance their ability to address contemporary ethical issues in science, technology or clinical research. Up to 12 awards will be offered for periods of 6 to 24 months. Applicants must hold the Ph.D. or M.D. in a scientific or humanistic discipline, have five years postdoctoral professional experience, and present a record of publication or comparable professional accomplishment. Up to \$20,000 per year is provided as a full or part-time stipend plus a modest allowance for travel and activities. Contact Interdisciplinary Incentive Awards, Ethics and Values in Science and Technology, National Science Foundation, Washington, DC 20550. Deadline: February 1, 1983.

RESEARCH FELLOWSHIP IN MARINE POLICY AND OCEAN MANAGEMENT

Woods Hole Oceanographic Institution invites recent doctorates and experienced professionals in social sciences, law, or natural sciences to apply their training to problems on ocean use by means of a Research Fellowship in Marine Policy and Ocean Management. The stipend is \$21,500 per year supplemented by modest research funds for research at the Institution. Contact Dean of Graduate Studies, Education Office, Clark Laboratory, Woods Hole Oceanographic Institution, Woods Hole, MA 23543. Deadline: March 1, 1983.

INSTITUTIONAL RESEARCH GRANT AWARD FROM AMERICAN CANCER SOCIETY

The University of Minnesota has been awarded a renewal of its Institutional Research Grant from the American Cancer Society (ACS) for 1982-1983. This fund is intended to serve as "seed" money permitting the initiation of promising new projects or novel ideas, especially by junior investigators, in cancer-related research. Support of seminars on cancer-related topics and graduate student research are also considered for funding although a lower priority is given to these activities. The fund is administered by a Dean's Committee of the Medical School with representation from other biologically-oriented colleges. The Committee is now accepting applications for individual grants not to exceed \$7,000 from this fund with a deadline of February 15, 1983. Instructions and application forms may be obtained from the Dean's Committee for the ACS Institutional Research Grant, 421 Masonic Cancer Center, telephone: 373-4318.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, *agency* deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

Questions regarding the following deadlines should be referred to ORA at 373-5925.

NATIONAL INSTITUTES OF HEALTH

Research Grants, New	March	1
Research Grants, Renewals	February	1
NHLBI, New Investigator Award-Research Grant	March	1
NIH, New Investigator Awards	March	1
NIH, Research Career Development Awards	February	1
NIH, Individual Postdoctoral Fellowships	February	1
NIH, Institutional Training Programs	February	1
NHLBI, Clinical Investigators Award (Annual Deadline)	August	1
NIAMDD/NIA, SERCA: Diabetes Mellitus in the Elderly (Annual Deadline)	October	1
NIH, NRSA for Short-Term Training of Students in Health Professional Schools (Annual Deadline)	May	1
NHLBI, Preventive Cardiology Academic Award (Annual Deadline)	April	1
NIH, Support of Meetings (Scientific, U.S.A. or International)	February	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects (Annual Deadline)	June	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes (Annual Deadline)	June	1
NIAMDD, Clinical Investigator Award	February	1
NIGMS, NIGMS Shared Instrumentation Grants (Annual Deadline)	February	15
NEY, National Eye Institute - Small Grants Program	February	1
NINCDS, Support of Research Centers and Program Projects	February	1
NHLBI/NIA/NIAID/NIADDKD/NICHD/NIGMS, Studies on Nutritional Support of the Patient	March	1
NIA, Academic Award (Annual Deadline)	July	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects (Annual Deadline)	June	1
NIA, Teaching Nursing Home Plant (Letter of intent by 10/1) Revised Deadline	February	1
NCI, Research Related to Genetic Susceptibility to Human Breast Cancer	March	1
NIEHS, Development of Diagnostic Technology for Use in Populations Exposed to Hazardous Chemicals	March	1
NIDR, Epidemiology of Oral Diseases in Minorities	March	1

NINCDS, Research Grants in Neural Regeneration, Neural Plasticity and Related Developmental Biology	March	1
NHLBI, Small Vessel Protheses	March	1
NCI, Cancer Control Science Program (Letter of intent by 9/15)	February	1
NIH, DRR, SERCA: Award in Laboratory Animal Science	February	1
NIH, National Research Service Awards for Senior Fellows	February	1
NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <i>for each</i> : School of Medicine, Osteopathy, Dentistry, Public Health) (Annual Deadline)	September	1
NHLBI, Dietary Sodium and Its Role in the Prevention and Management of Hypertension	March	1
NIA, Pharmacology Program:		
Research Grants	March	1
Program Project Grants	February	1
Institutional NRSA	February	1
NIADDK, Research Interests in Epidermolysis Bullosa, Skin Diseases Program	March	1
NICHD, Adolescence Research:		
Research Grants	March	1
New Investigator Research	March	1
NIADDKD, Multipurpose Arthritis Centers (Letter of intent by 10/1)	February	1
NIDR, Long-Term Effects of Craniofacial Injuries	March	1
NIAID, RFA: NIH-NIAID-82-9, Program Projects in Lymphocyte Biology (Letter of intent recommended by 11/15)	February	15
Fogarty International Center, Postdoctoral Research Fellowships, AVH in Germany (NOTE: Applications may be submitted at any time, however, submission is recommended at least five months in advance of German Selection Committee Meetings, usually in November, March and July)	February	1
DRR, Small Grants for Pilot Projects, Biotechnology Resources Program	February	1
NINCDS, Research Grants on Small Animal Models for Screening Antiepileptic Drugs	March	1
NCI, Use of Growth Factors, Maturation Factors and Anti-Growth Factors in Animal Tumor Models-Biological Response Modifiers Research	March	1
NCI, Development of Genetically Engineered Cell Products-Biological Response Modifiers Research	March	1
NCI, Use of Tumor Associated Antigens As Immunogens-Biological Response Modifiers Research	March	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines-Biological Response Modifiers Research	March	1
NCI, Oncogene Products in Irradiated Cells and Tissue	March	1
NCI, Specific Radiation-Induced Chromosomal Abnormalities and Cancer	March	1
DRR, Biomedical Research Support Shared Instrumentation Grants	February	15
NIEHS, The NIEHS Clinical Investigator Award	February	1

NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of Intent recommended 30 days prior to established receipt deadline)		
Individual Postdoctoral Fellowships	February	1
Institutional Training Programs	February	1
Clinical Investigator Awards	February	1
Senior Fellowships	February	1
Research Grants	March	1
NHLBI, RFA: Coronary Artery Reactivity, Injury and Thrombosis	April	15
NHLBI, RFA: Dysrhythmias in the Developing and Immature Heart	April	15
NHLBI, RFA: Biobehavioral Factors Affecting Hypertension in Blacks	April	15
NHLBI, RFA: Cardiac Hypertrophy and Failure in Chronic Hypertension	April	15
NCI, Immunohistochemical Classification of Solid Tumors	March	1
NCI, Development of Myeloma or Human B Cell Lines Suitable for Somatic Cell Hybridization to Produce Human Monoclonal Antibodies	March	1
NINCDS, Research Grants on Hormones and Epilepsy	March	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

Research Grants, New	March	1
Research Grants, Renewals	February	1
Individual Postdoctoral Fellowships	February	1
Institutional Training Grants, NRSA	February	1
Small Grants Program	Open	
Research Scientist Development/Research Scientist Award	February	1
NIAAA/NIDA/NIMH, Individual NRSA	February	1
NIAAA/NIDA/NIMH, Institutional NRSA Training	February	1
NIMH, Geriatric Mental Health Academic Awards (Awards limited to one per professional school)	March	1
NIMH, Research on Stress Reactivity in Adolescence	March	1
NIMH, Preventive Intervention Research Centers	March	1
NIMH, RFA: Side Effect Assessment in Psychopharmacologic Clinical Trials	March	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Grants for Health Services Research Dissertations, 1983	March	1
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HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants	May	2
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CENTER FOR DISEASE CONTROL

Project Grants for Venereal Disease Research, Demonstrations, and Public Information and Education, FISCAL YEAR '83	July	1
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FOOD AND DRUG ADMINISTRATION

Research Grants, New	March	1
Research Grants, Renewals	February	1

DEPARTMENT OF EDUCATION

Research in Education of the Handicapped: Student Initiated Research, 84.023A-B (New)	March	17
Fund for the Improvement of Postsecondary Education (FIPSE) (Continuations)	January	18
Bilingual Education: Fellowship Program (Continuations)	February	4
Regional Education Programs for Handicapped Persons (Continuations)	March	18
Field Initiated Research (Continuations)	April	1
Bilingual Education Act-Basic Projects in Bilingual Education Program, 84.003D (Revised Deadline)	January	26
Bilingual Education Act-Basic Projects in Bilingual Education Program (Continuation for a Second Budget Period Only 84.003C)	March	15
Bilingual Education Act-Demonstrations Projects Program, 84.003B (Revised Deadline)	January	28
Bilingual Education Act-Demonstration Projects Program (Continuations for a Second Budget Period Only, 84.003B)	March	11
Postsecondary Education, Undergraduate International Studies and Foreign Language Program	January	31
Rehabilitation Long-Term Training Projects (Continuations Only)	February	8
Rehabilitation Continuing Education Projects (Continuations Only)	February	15
Handicapped-Preparation of Special Educators	January	21
Handicapped-Preparation of Leadership Personnel	January	21
Handicapped-Special Projects	January	21
Handicapped-Specialized Training of Regular Educators	January	21
Handicapped-Preparation of Trainees of Volunteers, Including Parents	January	21
Cooperative Education	January	21
Handicapped Children's Early Education Program	February	11

NATIONAL INSTITUTE OF EDUCATION

Unsolicited Proposals	February	3
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OFFICE OF THE ASSISTANT SECRETARY FOR PLANNING AND EVALUATION, DHHS

Pension Provision Projects; Program of Research and Analysis Related to Policy Concerns Connected with Employer-Provided (and Union-Provided) Pensions and Other Forms of Compensation Intended to Provide Income in Retirement	February	11
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OFFICE OF HUMAN DEVELOPMENT SERVICES

FY '83 Coordinated Discretionary Funds Program,
Preliminary Proposal Request

January 31

Questions regarding the following deadlines should be referred to ORA at 373-2784.

NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

Information Science and Technology. Special research initiation awards for new investigators (NSF 81-34 and NSF 81-69). Contact Dr. Edward Weiss (202) 357-9572	February	2
NSF Visiting Professorships for Women. Contact Ms. M. Joan Callanan (202) 357-7734	February	15
Swiss National Science Foundation International Postdoctoral Fellowships. For research in Switzerland, normally for one year. Contact Dr. Warren Thompson (202) 357-9700	February	28
U.S.-India Exchange of Scientists (NSF 80-53). Contact Mr. Eugene Pronko (202) 357-9550	March	15
Small Business Innovation Research. Contact Mr. Ritchie Coryell or Mr. Roland Tibbetts (202) 357-7527	March	31
U.S.-Japan Cooperative Science. Cooperative Research (NSF 81-58). Contact Dr. Charles Wallace (202) 357-9537	April	1
U.S.-Australia Cooperative Science (NSF 81-49 Rev. January 1982). For all proposals for individual visits in 1984 and for other projects with requested effective dates between January 1 and June 30, 1984. Contact Mr. Alan Milsap (202) 357-9537	April	1
U.S.-New Zealand Cooperative Science (NSF 81-50). For all proposals for projects with requested effective dates between January 1 and June 30, 1984. Contact Mr. Alan Milsap (202) 357-9537	April	1
U.S.-Latin America and Caribbean Cooperative Science (NSF 80-52). Proposals for cooperative research projects, research oriented workshops, or scientific visits involving U.S. scientists in cooperation with scientists from any independent country of South America, Central America and the Caribbean including Mexico. Contract Dr. Eduardo Feller, Ms. Christine French, or Dr. Harold Stolberg (202) 357-9563	May	1

U.S.-Japan Cooperative Science. Joint seminars (NSF 81-58). Contact Dr. Charles Wallace (202) 357-9537	June	1
U.S.-Federal Republic of Germany Cooperative Science. Semi-annual deadline for proposals for joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Switzerland Cooperative Science. Semiannual deadline for proposals for joint research, seminars, and long- term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Republic of Korea Cooperative Science (U.S.-East Asia Cooperative Science Programs, NSF 81-30; Grants for Scientific and Engineering Research, NSF 81-79). Contact Dr. Gerald A. Edwards (202) 357-9537	July	1
Oceanographic Facilities Support. Ship Technicians (NSF 81-23), Ship Operations Support (NSF 81-18), Oceanographic Instrumentation (NSF 81-25), Shipboard Scientific Support Equipment (NSF 81-26). Contact Mr. Ronald La Count (202) 357-7837	July	1
Materials Research Laboratory (for new or renewal proposals). Contact Dr. Robert Stokes (202) 357-9791	July	15

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Climate Dynamics. Contact Dr. Kenneth Bergman (202) 357-9892	February	1
Ethics and Values in Science and Technology (NSF SE 80-62). For Interdisciplinary Incentive Awards (NSF SE 81-62A) Sustained Development Awards (NSF SE 81-62B). Contact Dr. Rachelle Hollander (202) 357-7552	February	1
Innovation Processes Research (NSF 81-84). Contact Dr. Louis Tornatzyky, Dr. J.D. Eveland, or Dr. W. A. Hetzner (202) 357-9804; Dr. E. C. Johnson (202) 357-7875	February	1
Ocean Sciences Research. Contact Dr. Robert Wall (202) 357-7912	February	1
Ocean Sciences Instrumentation Development. Contact Mr. H. Lawrence Clark (202) 357-7837	February	1
Biochemistry. Contact Dr. Huber Warner (202) 357-7945	February	1
Biophysics. Contact Dr. Arthur Kowalsky (202) 357-7777	February	1
Cell Biology. Contact Dr. John Cook (202) 357-7474	February	1
Cell Physiology. Contact the Division of Physiology, Cellular and Molecular Biology (202) 357-7377	February	1
Developmental Biology. Contact Dr. Susan Bryant (202) 357-7989	February	1
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	February	1
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	February	1

Economics. Contact Dr. Daniel Newlon, Dr. James Blackman, or Dr. Lynn Pollnow (202) 357-9675	February	1
Geography and Regional Science. Contact Dr. James Blackman (202) 357-7441	February	1
Measurement Methods and Data Resources. Contact Dr. Murray Aborn or Dr. Sara Nerlove (202) 357-7913	February	1
Sociology. Contact Dr. Joanne Miller (202) 357-7802	February	1
History and Philosophy of Science. Contact Ms. Bonney Sheahan (202) 357-9677	February	1
Political Science. Contact Dr. William Mishler (202) 357-9406	February	1
Law and Social Sciences. Contact Dr. Felice Levine (202) 357-9567	February	1
Decision and Management Science. Contact Dr. Trudi Miller (202) 357-7569	February	1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg (202) 357-7417	February	1
Science in Developing Countries Program (NSF 81-51). Contact Dr. Gordon Hiebert (202) 357-9537	March	1
U.S.-East Asia Cooperative Science (NSF 81-30). Contact Dr. Gerald A. Edwards or Dr. Gordon Hiebert (202) 357-9537	March	1
Climate Dynamics. Contact Dr. Kenneth Bergman (202) 357-9892	May	1
Earth Sciences: Stratigraphy and Paleontology; Environmental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	May	1
Biological Instrumentation. Contact the Division of Physiology, Cellular and Molecular Biology (202) 357-7652	May	2
Innovation Processes Research (NSF 81-84). Contact Dr. Louis Tornatzky, Dr. J. D. Eveland, or Dr. W. A. Hetzner (202) 357-9804, Dr. E. C. Johnson, (202) 357-7875	June	1
Alternative Biological Resources. Contact Dr. H. Huang (202) 375-9782	June	1
Metabolic Biology. Contact Dr. Elijah Romanoff (202) 357-7987	June	1
U.S. Antarctic Research. For fiscal year 1984 support. Obtain brochure and proposal preparation kit from Division of Polar Programs before submitting proposal. Contact Mr. Guy Guthridge (202) 357-7817	June	1
Ocean Sciences Research. Contact Dr. Robert Wall (202) 357-7912	June	15
Systematic Biology. Contact Dr. Wallace LaBerge, (202) 357-9588	June	15
Population Biology and Physiological Ecology. Contact Dr. John Brooks (202) 357-9728	June	15
Ecology. Contact Dr. Gary Barrett (202) 357-9734	June	15
Biochemistry. Contact Dr. Huber Warner (202) 357-7945	July	1
Biophysics. Contact Dr. Arthur Kowalsky (202) 357-7777	July	1

Cell Biology. Contact Dr. John Cook (202) 357-7474	July	1
Cell Physiology. Contact the Division of Physiology, Cellular, and Molecular Biology (202) 357-7377	July	1
Developmental Biology. Contact Dr. Susan Bryant (202) 357-7989	July	1
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	July	1
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	July	1

Questions regarding the following deadlines should be referred to ORA at 3-2785.

U.S. DEPARTMENT OF AGRICULTURE

Postmark deadlines for proposals submitted for USDA's FY1983 Competitive Research Grant Program are as follows:

Genetic Mechanisms for Crop Improvement	February	11
Biological Nitrogen Fixation	February	26
Photosynthesis	February	26

NONFEDERAL

Questions regarding the following deadlines should be referred to ORA at 373-1920.

American Cancer Society		
Scholars in Cancer Research	March	1
Postdoctoral Fellowships	March	1
Faculty Research Awards	March	1
Junior Faculty Research Awards	March	1
Research Professorships	March	1
Research and Clinical Investigator Grants	April	1
American Chemical Society - Petroleum Research Fund Grants-in-Aid	No Deadline	
American Diabetes Association, Inc.		
Feasibility Grant Program	February	1
American Numismatic Society	March	1
American Philosophical Society Grants-in-Aid	Various--Contact ORA	
Arthritis Foundation - Minnesota Chapter	February	15
Cystic Fibrosis Foundation		
New Investigator Research Grants	April	1
Research Grants	April	1
Student Traineeships	February	1
	April	1
Distilled Spirits Council of the U.S., Inc.	February	1
Engineering Foundation		
Pre-proposals	No Deadline	
Gas Research Foundation		
Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline	

International Research and Exchanges Board		
Developmental Fellowship (for tenure beginning June 1, 1983)	March	15
Travel Grants for Senior Scholars	April	30
Juvenile Diabetes Foundation		
Research Grants	March	1
Ladies Auxiliary, Veterans of Foreign Wars of U.S.		
Cancer Research Fellowship Grants	March	1
March of Dimes		
Basil O'Connor Starter Research Grants	Continuous	
Reproductive Hazards in the Workplace	June	1
Minnesota Humanities Commission		
General Grants (Over \$500): Draft Applications	January	31
	April	22
	July	29
	October	21
General Grants (Over \$500): Final Applications	February	11
	May	13
	August	19
	November	11
Small Grants (Under \$500)		
Final Applications due 6 weeks prior to start date	No Deadline	
Media Grants: Application Review (including a 10-minute sample of technical personnel's work)	January	7
	July	15
Media Grants: Final Applications	February	11
	May	13
	August	19
	November	11
Minnesota Medical Foundation	March	31
	June	30
Charles Stewart Mott Foundation (Letter of inquiry)	No Deadline	
National Association of Animal Breeders	March	1
National Foundation for Ileitis and Colitis, Inc.	February	1
National Geographic Society		
Grants-in-Aid	No Deadline	
National Multiple Sclerosis Society		
Research Grants	January	15
Fellowships	January	15
Orthopaedic Research and Education Foundation		
Resident Research Fellowship	March	1
Pharmaceutical Manufacturers Association Foundation		
Fellowship Awards in Pharmacology-Morphology	January	15
Medical Student Research Fellowships in Pharmacology- Clinical Pharmacology	January	15
Development Grant for Clinical Pharmacology Units	January	15
Technicon Instruments Corporation		
Grants for Research in Biomedical and Industrial Instrumentation		
Pre-proposals	No Deadline	
University Genetics Company (UGEN)	No Deadline	

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

Office of Research Administration
Administrative Services Center, 5th Floor
1919 University Avenue
University of Minnesota
St. Paul, Minnesota 55104

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ORADDC Newsletter

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FEBRUARY 1983

VOLUME XII/NO. 8

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH ADMINISTRATION (ADAMHA) SMALL GRANT APPLICATIONS

ADAMHA has issued a notice which urges prospective small grant applicants to give careful attention to the following: (1) obtain special information and instructions for preparation of the application directly from the appropriate institute (NIMH, NIAAA, NIDA); (2) clearly identify the mailing envelope as containing "ADAMHA Small Grant Application;" and (3) do not package with other types of applications and submit the application to the Division of Research Grants as early as possible. Adherence to the above should facilitate prompt processing of the applications.

PUBLIC BRIEFING MEETINGS BY THE NATIONAL HEART, LUNG, AND BLOOD ADVISORY COUNCIL (NHLBI)

The NHLBI Advisory Council will hold four public briefing meetings for the purpose of informing biomedical scientists, administrators, volunteer health organizations and the public about the status of the NHLBI, about possible strategies for achieving and maintaining a balance of program mechanisms, and for protecting the number of research grants awarded by the Institute. The meetings are designed as an educational effort that will also provide the opportunity for the Council and NHLBI to hear directly from those interested and concerned about the future of the Institute's extramural programs.

Meetings are scheduled to be held in Washington, DC; San Francisco, CA; New Orleans, LA; and Chicago, IL. The Chicago meeting is scheduled for April 14-15, 1983, 9:00 a.m., Radisson Chicago Hotel. A complete statement of the purpose of these meetings may be requested from: Public Briefing Meetings, National Heart, Lung, and Blood Advisory Council, National Heart, Lung, and Blood Institute, National Institutes of Health, Building 31 - Room 5A-03, Bethesda, MD 20205. A list of speakers for a meeting will be sent in advance to the region in which that particular meeting will be held. The results of these briefing meetings, including the texts of the speakers and all other materials submitted, will be available in the summer of 1983. For further information call (301) 496-6331.

NEW BIOTECHNOLOGY HIGH VOLTAGE ELECTRON MICROSCOPE (HVEM) RESOURCE AVAILABLE TO BIOLOGICAL AND MEDICAL RESEARCHERS

The Division of Research Resources (DRR), NIH is supporting part of the operation of the 1.2 million volt electron microscope at the Albany, New York State Department of Health installation, to provide access to national users. This installation is operated as a State facility in the Northeast Region, and is now available on a national basis to users who are qualified scientists with appropriate biomedical projects, irrespective of institutional affiliation or

geographical location. A complete copy of this announcement, as published in the *NIH Guide for Grants and Contracts*, Vol. 11, No. 14, may be obtained by interested faculty from ORA by calling 373-5925.

NATIONAL EYE INSTITUTE (NEI) ANNOUNCES AVAILABILITY OF ANIMALS WITH INHERITED RETINAL DEGENERATIONS

NEI encourages research directed toward finding the causes of and preventing human heredoretinal degenerations. Under an NEI contract supporting the development of strains of dogs with progressive retinal atropy and the breeding and distribution of these animals for research purposes, Irish setters exhibiting rod-cone dysplasia and miniature poodles with progressive rod-cone degeneration will continue to be made available to qualified investigators. There is no charge for the animals, but shipping and related costs are the responsibility of the individual investigator. Investigators interested in obtaining animals are encouraged to contact NEI for specific research protocol requirements, etc. For further information, contact Dr. Jack A. McLaughlin, Ph.D., at (301) 496-5983.

NATIONAL FOUNDATION ON THE ARTS AND THE HUMANITIES--INSTITUTE OF MUSEUM SERVICES

Applications are invited by the Institute of Museum Services (IMS) for General Operating and Special Project Support awards under the Museum Services program for Fiscal Year 1983. IMS makes awards to museums to maintain, increase, or improve museum services and to carry out exemplary projects. The purpose of these awards is to ease the financial burden borne by museums as a result of their increased use by the public and to help them carry out their educational and conservation roles, as well as other functions. Program information and application packets may be obtained from Mary Kahn, Grants Director, Institute of Museum Services, Mary Switzer Building, Room 4006, 300 C Street S.W., Washington, DC 20202 or call (202) 426-6577. Applications for new grants must be addressed to the U.S. Department of Education, Application Control Center, Attention: 45.301, Washington, DC 20202. Deadline: March 15, 1983.

WENNER-GREN FOUNDATION FOR ANTHROPOLOGICAL RESEARCH

This Foundation's sphere of interest is the support of research in all branches of anthropology and in related disciplines pertaining to the sciences of man. Projects supported use cross-cultural, historical, biological, and linguistic approaches toward understanding man's origins, development and variations. Special consideration is given to projects combining and integrating two or more subfields of anthropology or related disciplines, particularly with reference to theoretical or methodological issues. Grants are awarded to scholars from anywhere in the world who are affiliated with accredited institutions or organizations.

KELLOGG FOUNDATION

The W. K. Kellogg Foundation will focus on seven major program areas as part of its philanthropic agenda for the 1980's. Priority will go to proposals that

"extend opportunities for adult continuing education, boost efforts at health promotion and disease prevention, promote cost containment in health care, contribute to improved human nutrition, and foster the preparation of broadly oriented leaders."

MUSCULAR DYSTROPHY ASSOCIATION

The Muscular Dystrophy Association (MDA) provides research support in the form of grants, contracts, postdoctoral fellowships, and summer scholarships for projects relevant to neuromuscular disease. Projects may include studies of the biochemistry, etiology, diagnosis, treatment and management of the muscular dystrophies and related neuromuscular diseases, including but not limited to amyotrophic lateral sclerosis, peroneal muscular atrophy, progressive spinal muscular atrophies, myositis, Friedreich's ataxia, and myasthenia gravis.

BEDDING PLANTS FOUNDATION, INC.

Researchers from the United States and Canadian universities with a horticulture research capability are eligible for modest requests (\$500 to \$5,000) to this new foundation. The Foundation supports research projects related to the scientific production of bedding plants.

INSTITUTIONAL RESEARCH GRANT AWARD FROM AMERICAN CANCER SOCIETY

The University of Minnesota has been awarded a renewal of its Institutional Research Grant from the American Cancer Society (ACS) for 1982-1983. This fund is intended to serve as "seed" money permitting the initiation of promising new projects or novel ideas, especially by junior investigators, in cancer-related research. Support of seminars on cancer-related topics and graduate student research are also considered for funding although a lower priority is given to these activities. The fund is administered by a Dean's Committee of the Medical School with representation from other biologically-oriented colleges. The Committee is now accepting applications for individual grants not to exceed \$7,000 from this fund with a deadline of February 15, 1983. Instructions and application forms may be obtained from the Dean's Committee for the ACS Institutional Research Grant, 421 Masonic Cancer Center, telephone: 373-4318.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, *agency* deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

Questions regarding the following deadlines should be referred to ORA at 373-5925.

NATIONAL INSTITUTES OF HEALTH

DRR, Biomedical Research Support Shared Instrumentation Grants	February	15
NCI, Research Related to Genetic Susceptibility to Human Breast Cancer	March	1
NCI, Use of Growth Factors, Maturation Factors and Anti-Growth Factors in Animal Tumor Models-Biological Response Modifiers Research	March	1
NCI, Immunohistochemical Classification of Solid Tumors	March	1
NCI, Development of Myeloma or Human B Cell Lines Suitable for Somatic Cell Hybridization to Produce Human Monoclonal Antibodies	March	1
NCI, Development of Genetically Engineered Cell Products-Biological Response Modifiers Research	March	1
NCI, Use of Tumor Associated Antigens As Immunogens-Biological Response Modifiers Research	March	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines-Biological Response Modifiers Research	March	1
NCI, Oncogene Products in Irradiated Cells and Tissue	March	1
NCI, Specific Radiation-Induced Chromosomal Abnormalities and Cancer	March	1
NCI, Smokeless Tobacco and Non-Tobacco Smoking Product Use: Identification of Initiation Mechanisms in Children and Adolescents (Letter of intent recommended prior to submission)	March	1
NCI, Tobacco and the Blue Collar Worker (Letter of intent recommended prior to submission)	March	1
NHLBI, New Investigator Award-Research Grant	March	1
NHLBI/NIA/NIAID/NIADDDK/NICHD/NIGMS, Studies on Nutritional Support of the Patient	March	1
NHLBI, Small Vessel Protheses	March	1
NHLBI, Dietary Sodium and Its Role in the Prevention and Management of Hypertension	March	1
NIA, Pharmacology Program: Research Grants	March	1
NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of intent recommended 30 days prior to established receipt deadline) Research Grants	March	1
NIADDDK, Research Interests in Epidermolysis Bullosa, Skin Diseases Program	March	1
NICHD, Adolescence Research: Research Grants	March	1
New Investigator Research	March	1
NIDR, Epidemiology of Oral Diseases in Minorities	March	1
NIDR, Long-Term Effects of Craniofacial Injuries	March	1
NIEHS, Development of Diagnostic Technology for Use in Populations Exposed to Hazardous Chemicals	March	1

NIH, Research Grants, New	March	1
NIH, New Investigator Awards	March	1
NINCDS, Research Grants in Neural Regeneration, Neural Plasticity and Related Developmental Biology	March	1
NINCDS, Research Grants on Small Animal Models for Screening Antiepileptic Drugs	March	1
NINCDS, Research Grants on Hormones and Epilepsy	March	1
NHLBI, RFA: NIH-NHLBI-DHVD-83G-A, Coronary Artery Reactivity, Injury and Thrombosis (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DLD-83G-B, Defense Functions in the Developing Respiratory System (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DHVD-83G-C, Biobehavioral Factors Affecting Hypertension in Blacks (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DHVD-83G-D, Cardiac Hypertrophy and Failure in Chronic Hypertension (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DHVD-83G-E, Dysrhythmias in the Developing and Immature Heart (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DBDR-83G-F, Rheological Studies in Sickle Cell Disease (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DBDR-83G-G, Megakaryocytopoiesis and Thrombocytopoiesis	April	15
NHLBI, RFA: NIH-NHLBI-DBRD-83G-H, Etiology, Pathogenesis, and Treatment of Aplastic Anemia (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DLD-83G-I, Extracellular Matrix Interactions in the Normal and Diseased Lung (Letter of intent recommended by 2/15)	April	15
NCI, RFA: NIH-NCI-DRCCA-82-17, Patterns of Care for Elderly Cancer Patients: Implications for Cancer Control (Letter of intent recommended by 2/15)	April	19
DRR, Small Grants for Pilot Projects, Biotechnology Resources Program	June	1
Fogarty International Center, Senior International Fellowships, 84-85	June	1
NIA, Pharmacology Program: Program Project Grants	June	1
Institutional NRSA	June	1
NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of intent recommended 30 days prior to established receipt deadline)		
Individual Postdoctoral Fellowships	June	1
Institutional Training Programs	June	1
Clinical Investigator Awards	June	1
Senior Fellowships	June	1
NIADDKD, Multipurpose Arthritis Centers (Letter of intent by 2/1)	June	1
NIAMDD, Clinical Investigator Award	June	1
NIEHS, The NIEHS Clinical Investigator Award	June	1

NIH, Research Grants, Renewals	June	1
NIH, Research Career Development Awards	June	1
NIH, Individual Postdoctoral Fellowships	June	1
NIH, Institutional Training Programs	June	1
NIH, Support of Meetings (Scientific, U.S.A. or International)	June	1
NIH, National Research Service Awards for Senior Fellows	June	1
NHLBI, RFA: NIH-NHLBI-DHVD-83G-J, Specialized Centers of Research in Ischemic Heart Disease (IHD-SCORs) (Letter of intent recommended by 4/4)	July	18
NCI, Cancer Control Science Program (Letter of intent by 3/15)	October	1

NIH ANNUAL DEADLINES

NIGMS, NIGMS Shared Instrumentation Grants	February	15
NHLBI, Preventive Cardiology Academic Award	April	1
NIH, NRSA for Short-Term Training of Students in Health Professional Schools	May	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIA, Academic Award	July	1
NHLBI, Clinical Investigators Award	August	1
NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <i>for each</i> : School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
NIAMDD/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, New	March	1
NIAAAA, Alcohol Research Grants	March	1
NIAAAA, New Investigator Research Award	March	1
NIMH, Geriatric Mental Health Academic Awards (Awards limited to one per professional school)	March	1
NIMH, Research on Stress Reactivity in Adolescence	March	1
NIMH, Preventive Intervention Research Centers	March	1
NIMH, RFA: Side Effect Assessment in Psychopharmacologic Clinical Trials	March	1
ADAMHA, Research Grants, Renewals	June	1
ADAMHA, Individual Postdoctoral Fellowships	June	1
ADAMHA, Institutional Training Grants, NRSA	June	1
ADAMHA, Research Scientist Development/Research Scientist Award	June	1
NIAAAA/NIDA/NIMH, Individual NRSA	June	1
NIAAAA/NIDA/NIMH, Institutional NRSA Training	June	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Grants for Health Services Research Dissertations, 1983	March	1
Unsolicited Proposals, Health Services Research and Development Grants	March	1

HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants	May	2
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CENTER FOR DISEASE CONTROL

Project Grants for Venereal Disease Research, Demonstrations, and Public Information and Education, FISCAL YEAR '83	July	1
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FOOD AND DRUG ADMINISTRATION

Research Grants, New	March	1
Research Grants, Renewals	June	1

DEPARTMENT OF EDUCATION

Rehabilitation Continuing Education Projects (Continuations Only)	February	15
College Assistance Migrant Program-CAMP (Intended to provide services to students of families who are engaged in migrant and seasonal farmwork)	February	16
High School Equivalency Program-HEP (Intended to provide services to students of families who are engaged in migrant and seasonal farmwork)	February	16
Bilingual Education Act-Demonstration Projects Program (Continuations for a Second Budget Period Only, 84.003B)	March	11
Bilingual Education Training Projects	March	11
Bilingual Education Act-Basic Projects in Bilingual Education Program (Continuation for a Second Budget Period Only 84.003C)	March	15
Research in Education of the Handicapped: Student Initiated Research, 84.023A-B (New)	March	17
Regional Education Programs for Handicapped Persons (Continuations)	March	18
Field Initiated Research (Continuations)	April	1

NATIONAL INSTITUTE OF EDUCATION

Research Grants on Law and Government Studies in Education: Preapplication	March	15
Final Application	May	9
Small Grants	April	4

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NATIONAL SCIENCE FOUNDATION

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U.S.-India Exchange of Scientists (NSF 80-53). Contact Mr. Eugene Pronko (202) 357-9550	March	15
Small Business Innovation Research. Contact Mr. Ritchie Coryell or Mr. Roland Tibbetts (202) 357-7527	March	31
U.S.-Japan Cooperative Science. Cooperative Research (NSF 81-58). Contact Dr. Charles Wallace (202) 357-9537	April	1
U.S.-Australia Cooperative Science (NSF 81-49 Rev. January 1982). For all proposals for individual visits in 1984 and for other projects with requested effective dates between January 1 and June 30, 1984. Contact Mr. Alan Milsap (202) 357-9537	April	1
U.S.-New Zealand Cooperative Science (NSF 81-50). For all proposals for projects with requested effective dates between January 1 and June 30, 1984. Contact Mr. Alan Milsap (202) 357-9537	April	1
U.S.-Latin America and Caribbean Cooperative Science (NSF 80-52). Proposals for cooperative research projects, research oriented workshops, or scientific visits involving U.S. scientists in cooperation with scientists from any independent country of South America, Central America and the Caribbean including Mexico. Contact Dr. Eduardo Feller, Ms. Christine French, or Dr. Harold Stolberg (202) 357-9563	May	1
U.S.-Japan Cooperative Science. Joint seminars (NSF 81-58). Contact Dr. Charles Wallace (202) 357-9537	June	1
U.S.-Federal Republic of Germany Cooperative Science. Semi-annual deadline for proposals for joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Switzerland Cooperative Science. Semiannual deadline for proposals for joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Republic of Korea Cooperative Science (U.S.-East Asia Cooperative Science Programs, NSF 81-30; Grants for Scientific and Engineering Research, NSF 81-79). Contact Dr. Gerald A. Edwards (202) 357-9537	July	1

Oceanographic Facilities Support. Ship Technicians (NSF 81-23), Ship Operations Support (NSF 81-18), Oceanographic Instrumentation (NSF 81-25), Shipboard Scientific Support Equipment (NSF 81-26). Contact Mr. Ronald La Count (202) 357-7837	July	1
Materials Research Laboratory (for new or renewal proposals). Contact Dr. Robert Stokes (202) 357-9791	July	15
Information Science and Technology. Special research initiation awards for new investigators (NSF 81-34 and NSF 81-69). Contact Dr. Edward Weiss (202) 357-9572	August	3
<p>Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.</p>		
Science in Developing Countries Program (NSF 81-51). Contact Dr. Gordon Hiebert (202) 357-9537	March	1
U.S.-East Asia Cooperative Science (NSF 81-30). Contact Dr. Gerald A. Edwards or Dr. Gordon Hiebert (202) 357-9537	March	1
Climate Dynamics. Contact Dr. Kenneth Bergman (202) 357-9892	May	1
Earth Sciences: Stratigraphy and Paleontology; Environmental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	May	1
Biological Instrumentation. Contact the Division of Physiology, Cellular and Molecular Biology (202) 357-7652	May	2
Innovation Processes Research (NSF 81-84). Contact Dr. Louis Tornatzky, Dr. J. D. Eveland, or Dr. W. A. Hetzner (202) 357-9804, Dr. E. C. Johnson, (202) 357-7875	June	1
Alternative Biological Resources. Contact Dr. H. Huang (202) 375-9782	June	1
Metabolic Biology. Contact Dr. Elijah Romanoff (202) 357-7987	June	1
U.S. Antarctic Research. For fiscal year 1984 support. Obtain brochure and proposal preparation kit from Division of Polar Programs before submitting proposal. Contact Mr. Guy Guthridge (202) 357-7817	June	1
Ocean Sciences Research. Contact Dr. Robert Wall (202) 357-7912	June	15
Systematic Biology. Contact Dr. Wallace LaBerge, (202) 357-9588	June	15
Population Biology and Physiological Ecology. Contact Dr. John Brooks (202) 357-9728	June	15
Ecology. Contact Dr. Gary Barrett (202) 357-9734	June	15
Biochemistry. Contact Dr. Huber Warner (202) 357-7945	July	1
Biophysics. Contact Dr. Arthur Kowalsky (202) 357-7777	July	1
Cell Biology. Contact Dr. John Cook (202) 357-7474	July	1

Cell Physiology. Contact the Division of Physiology, Cellular, and Molecular Biology (202) 357-7377	July	1
Developmental Biology. Contact Dr. Susan Bryant (202) 357-7989	July	1
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	July	1
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	July	1
Climate Dynamics. Contact Dr. Kenneth Bergman (202) 357-9892	August	1

*NSF Proposals may be submitted for the following programs at any time of the year. It takes approximately six to nine months to process a proposal. Brochures indicated in parentheses may be ordered.

Anthropology. Contact Dr. John Yellen (202) 357-7804	*
Linguistics. Contact Dr. Paul Chapin (202) 357-7696	*
Memory and Cognitive Processes. Contact Dr. Joseph Young (202) 357-9898	*
Neurobiology. Contact Dr. Steven E. Kornguth (202) 357-7471	*
Psychobiology. Contact Dr. Fred Stollnitz (202) 357-7949	*
Sensory Physiology and Perception. Contact Dr. Terrence Dolan (202) 357-7428	*
Social and Developmental Psychology. Contact Dr. Richard Louttit (202) 357-9485	*
Biological Research Resources. Contact Dr. James Tyler (202) 357-7475	*
Doctoral Dissertation Research Contact Dr. James Edwards (202) 357-9588	*
Ecosystem Studies. Contact Dr. W. Franklin Harris (202) 357-9596	*
Science in Developing Countries. Contact Dr. Gordon Hiebert (202) 357-9537	*
U.S.-China Cooperative Science. Contact Dr. Pierre Perrolle or Mr. Alexander DeAngelis, Division of International Programs (202) 357-7393	*
U.S.-East Asia Cooperative Science (NSF 81-30). For projects with Indonesia, Malaysia, Thailand, and Singapore, contact Dr. Gordon Hiebert (202) 357-9537; for projects with the Philippines, contact Dr. Gerald A. Edwards (202) 357-9537	*
U.S.-New Zealand Cooperative Science. Contact Mr. Alan Milsap (202) 357-9558	*
U.S.-Eastern Europe Cooperative Science (NSF 81-27). Contact Miss Deborah Wince (202) 357-9516	*
Industry/University Cooperative Research Projects (NSF 80-31). Contact Dr. Frederick Betz (202) 357-7785 or Mr. Alex Schwarzkopf (202) 357-7527	*
Industry/University Cooperative Research Centers. Contact Mr. Robert Colton or Mr. Alex Schwarzkopf (202) 357-7527	*
Policy Research and Analysis (NSF 81-82). Contact Ms. Agnes Rhodes (202) 357-9689	*

Research in Information Science and Technology (NSF 81-34).

Contact the Division of Information Science and
Technology (202) 357-9572

*

Special Research Initiation Awards for New Investigators
in Information Science and Technology (NSF 81-69).

Contact the Division of Information Science and
Technology (202) 357-9572

*

Questions regarding the following deadlines should be referred to ORA at 3-2785.

U.S. DEPARTMENT OF AGRICULTURE

Postmark deadlines for proposals submitted for USDA's FY1983 Competitive
Research Grant Program are as follows:

Genetic Mechanisms for Crop Improvement	February	11
Biological Nitrogen Fixation	February	26
Photosynthesis	February	26

NONFEDERAL

Questions regarding the following deadlines should be referred to ORA at
373-1920.

American Association of Oral and Maxillofacial Surgeons		
Research Fellowships	April	1
American Cancer Society		
Scholars in Cancer Research	March	1
Postdoctoral Fellowships	March	1
Faculty Research Awards	March	1
Junior Faculty Research Awards	March	1
Research Professorships	March	1
Research and Clinical Investigator Grants	April	1
American Chemical Society - Petroleum Research Fund		
Grants-in-Aid	No Deadline	
American Numismatic Society	March	1
American Philosophical Society		
Grants-in-Aid	Various--Contact ORA	
Arthritis Foundation - Minnesota Chapter	February	15
Bedding Plants Foundation	May	1
Cystic Fibrosis Foundation		
New Investigator Research Grants	April	1
Research Grants	April	1
Engineering Foundation		
Pre-proposals	No Deadline	
Gas Research Foundation		
Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline	
International Research and Exchanges Board		
Developmental Fellowship (for tenure beginning June 1, 1983)	March	15
Travel Grants for Senior Scholars	April	30

Juvenile Diabetes Foundation		
Research Grants	March	1
Ladies Auxiliary, Veterans of Foreign Wars of U.S.		
Cancer Research Fellowship Grants	February	15
March of Dimes		
Basil O'Connor Starter Research Grants	Continuous	
Reproductive Hazards in the Workplace	June	1
Minnesota Humanities Commission		
General Grants (Over \$500): Draft Applications	April	22
	July	29
	October	21
General Grants (Over \$500): Final Applications	February	11
	May	13
	August	19
	November	11
Small Grants (Under \$500)		
Final Applications due 6 weeks prior to start date	No Deadline	
Media Grants: Application Review (including a		
10-minute sample of technical personnel's work)	July	15
Media Grants: Final Applications	February	11
	May	13
	August	19
	November	11
Minnesota Medical Foundation	March	31
	June	30
	No Deadline	
Charles Stewart Mott Foundation (Letter of inquiry)		
Muscular Dystrophy Association		
Grants-in-Aid		
Preliminary Application for 1/1/84 start date		
(brief letter)	May	31
Final Application	June	30
National Association of Animal Breeders	March	1
National Foundation for Ileitis and Colitis, Inc.	February	1
National Geographic Society		
Grants-in-Aid	No Deadline	
Orthopaedic Research and Education Foundation		
Resident Research Fellowship	March	1
Technicon Instruments Corporation		
Grants for Research in Biomedical and Industrial		
Instrumentation		
Pre-proposals	No Deadline	
University Genetics Company (UGEN)	No Deadline	
Wenner-Gren Foundation for Anthropological Research		
Postdoctoral Fellowships	No Deadline	
Senior Research Fellowships	No Deadline	

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

ORADDC Newsletter

1000
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VOLUME XII/NO. 9

NEW INDIRECT COST AGREEMENT RATES

The University has recently negotiated an indirect cost agreement for FY 1984 with our cognizant agency, the Department of Health and Human Services. The date of the agreement is February 1, 1983 and will be effective July 1, 1983.

	On-campus	Off-campus
Campus Rates		
Research	39.0	22.4
Instruction (Training)	107.6	76.4
Other Sponsored Agreements	24.8	14.8
Hormel Institute	57.9	N/A
S.A.F.H.L.	74.4	N/A

In order to be in full compliance with OBM Circular A-21, "Cost Principals for Educational Institutions," the training rate had to be replaced with instruction and other sponsored agreement rates. Since most training grants limit the indirect costs to 8%, the negotiated rate becomes irrelevant. However, in those situations where there are no restrictions, please call the appropriate grant administrator in the Office of Research Administration for the rate to be used in your situation. The other sponsored agreement rate is to be used for public service and other agreements that are not research or instruction.

These rates are to be applied to total direct costs (including fringe benefits) less capital equipment, stipends and tuition, patient care and subcontracts. A subcontract is defined as an agreement with an outside party to do work that is scientific or technical in nature where the work is substantive to the objective of the project. Examples of agreements that would not be considered subcontracts are: maintenance agreements, consulting agreements, and editorial or typing service agreements.

The off-campus rate will be used when a person is off campus for 90 consecutive days or longer. When a project is both on- and off-campus, the TDC rate to be applied will be determined by the proportion of direct salaries and wages of the on- and off-campus personnel. If 50% or more of the direct salaries and wages are paid to on-campus personnel, the on-campus rate will be applied to the entire project, otherwise the off-campus rate will be applied to the entire project.

REDUCTION OF THE FRINGE BENEFIT RATE FOR CIVIL SERVICE

As part of the latest budget cuts, the legislature mandated a 4% reduction in the employee's contribution to the Minnesota State Retirement System to be in effect from January 1, 1983 to June 30, 1983. Therefore, the fringe rate for

the Minnesota State Retirement System (MSRS) will be 1.6% for the period January 1, 1983 through June 30, 1983. This is a reduction of 3.44 points. It is not 4 points, because effective January 1, 1983, there was also an unfunded increase in the employer's contribution of .56 point. The rate starting July 1, 1983 will increase 4 points to 5.6%. This change will only affect currently funded grants and contracts. For budgeting purposes continue to use 22% for civil service.

RESEARCH ANIMAL RESOURCES RATE CHANGE

The per diem rates charged investigators by Research Animal Resources of the Medical School increases effective March 1, 1983. These new per diem rates for care of laboratory animals have been sent to Medical School departments. The cost of laboratory animals, dogs and cats will be adjusted July 1, 1983. Charges for certain technical and laboratory services may also be adjusted at that time.

STIPEND INCREASES FOR NATIONAL RESEARCH SERVICE AWARD (NRSA) RECIPIENTS ANNOUNCED

There will be a stipend increase for all National Research Service Awards (NRSA) for institutional trainees and individual fellows which is effective immediately for all appointments and awards made in FY 1983 (October 1, 1982 - September 30, 1983). This increase will be provided on all grants and awards issued by the National Institutes of Health (NIH), Alcohol, Drug Abuse, and Mental Health Administration (ADAMHA), and Health Resources and Services Administration (HRSA)/Division of Nursing. Awards issued for FY 1983 prior to the date of this notice will be revised to provide for the new stipend levels. The new stipend levels are as follows:

Years of Relevant Experience	New Stipend FY 1983
0	\$14,040
1	14,736
2	15,468
3	16,236
4	17,040
5	17,892
6	18,780
7 or more	19,716
Predoctoral	5,292

A complete copy of the announcement, as published in the *NIH Guide*, Vol. 12, No. 1, January 28, 1983, may be obtained from ORA at 373-5925. The announcement contains implementation guidelines established by NIH, Division of Nursing and ADAMHA.

NIH ISSUES REMINDER RELEVANT TO SUBMISSION OF FORM HHS-596, "PROTECTION OF HUMAN SUBJECTS: ASSURANCE/CERTIFICATION/DECLARATION"

Under current policy, an applicant organization is responsible for certifying, on form HHS-596, that each non-exempt research activity relating to human subjects described in every application has been reviewed and approved by an Institutional Review Board, as required by 45 CFR 46. An HHS-596 form must be

submitted with the application, as clearly indicated in the instructions for form 398 (see page 10 of instructions dated 5/82). However, if the institutional review is unavoidably delayed beyond the submission of the application, enter "pending" on the form HHS-596 and provide an explanation. A follow-up certification on another form HHS-596 must then be submitted and received within 60 days after the receipt date for which the application is submitted. If the certification is not received within the period, *the application will be considered incomplete and will be deferred for a later review.*

In the past, staff of the Division of Research Grants (DRG) tried to obtain from the principal investigator those HHS-596 forms that did not arrive within 60 days after the receipt date. However, due to limited personnel and heavy workloads, DRG can no longer carry out this practice. *It is the responsibility of the principal investigator and the applicant organization to see that the HHS-596 form arrives in a timely manner.*

HIGHLIGHTS OF REVISED PHS GRANTS POLICY STATEMENT ISSUED

The National Institutes of Health (NIH) has attempted to highlight selective sections of the recently published revised policy statement. Grants from the NIH are to be administered in compliance with the policies published by the Public Health Service (PHS) except where deviations or modifications have been approved by the Department of Health and Human Services (DHHS) or PHS on behalf of NIH. Such approved variations and any additional NIH implementing instructions or aspects peculiar to NIH are published routinely in the *NIH Guide*. The highlights, as published in the *NIH Guide*, Vol. 12, No. 1, January 28, 1983, may be obtained from ORA at 373-5925.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, *agency* deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

Questions regarding the following deadlines should be referred to ORA at 373-5925.

NATIONAL INSTITUTES OF HEALTH

DRR, Small Grants for Pilot Projects, Biotechnology Resources Program	June	1
Fogarty International Center, Senior International Fellowships, 84-85	June	1
NCI, RFA: NIH-NCI-DRCCA-82-17, Patterns of Care for Elderly Cancer Patients: Implications for Cancer Control (Letter of intent recommended by 2/15)	April	19
NCI, Use of Growth Factors, Maturation Factors and Anti-Growth Factors in Animal Tumor Models-Biological Response Modifiers Research	July	1
NCI, Immunohistochemical Classification of Solid Tumors	July	1

NCI, Development of Myeloma or Human B Cell Lines Suitable for Somatic Cell Hybridization to Produce Human Monoclonal Antibodies	July	1
NCI, Development of Genetically Engineered Cell Products- Biological Response Modifiers Research	July	1
NCI, Use of Tumor Associated Antigens As Immunogens- Biological Response Modifiers Research	July	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines-Biological Response Modifiers Research	July	1
NCI, Oncogene Products in Irradiated Cells and Tissue	July	1
NCI, Specific Radiation-Induced Chromosomal Abnormalities and Cancer	July	1
NCI, Smokeless Tobacco and Non-Tobacco Smoking Product Use: Identification of Initiation Mechanisms in Children and Adolescents (Letter of intent recommended prior to submission)	July	1
NCI, Tobacco and the Blue Collar Worker (Letter of intent recommended prior to submission)	July	1
NCI, Cancer Control Science Program (Letter of intent by 3/15)	October	1
NHLBI, RFA: NIH-NHLBI-DHVD-83G-A, Coronary Artery Reactivity, Injury and Thrombosis (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DLD-83G-B, Defense Functions in the Developing Respiratory System (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DHVD-83G-C, Biobehavioral Factors Affecting Hypertension in Blacks (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DHVD-83G-D, Cardiac Hypertrophy and Failure in Chronic Hypertension (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DHVD-83G-E, Dysrhythmias in the Developing and Immature Heart (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DBDR-83G-F, Rheological Studies in Sickle Cell Disease (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DBDR-83G-G, Megakaryocytopoiesis and Thrombocytopoiesis	April	15
NHLBI, RFA: NIH-NHLBI-DBRD-83G-H, Etiology, Pathogenesis, and Treatment of Aplastic Anemia (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DLD-83G-I, Extracellular Matrix Interactions in the Normal and Diseased Lung (Letter of intent recommended by 2/15)	April	15
NHLBI, Transfusion Medicine Academic Award	May	1
NHLBI, New Investigator Award-Research Grant	July	1
NHLBI, School Health Promotion and Cardiovascular Health of Children and Adults	July	1
NHLBI, RFA: NIH-NHLBI-DHVD-83G-J, Specialized Centers of Research in Ischemic Heart Disease (IHD-SCORs) (Letter of intent recommended by 4/4)	July	18
NIA, Pharmacology Program: Program Project Grants	June	1
Institutional NRSA	June	1

NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of intent recommended 30 days prior to established receipt deadline)		
Individual Postdoctoral Fellowships	June	1
Institutional Training Programs	June	1
Clinical Investigator Awards	June	1
Senior Fellowships	June	1
NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of intent recommended 30 days prior to established receipt deadline)		
Research Grants	July	1
NIADDK, Multipurpose Arthritis Centers (Letter of intent by 2/1)	June	1
NIADDK, Clinical Investigator Award	June	1
NIAMD, RFA-NIH-NIAID-83-1, Asthma and Allergic Disease Centers and Asthma and Allergic Disease Centers for Immunodermatologic Studies	October	15
NIDR, Long-Term Effects of Craniofacial Injuries	July	1
NIEHS, The NIEHS Clinical Investigator Award	June	1
NIH, Research Grants, Renewals	June	1
NIH, Research Career Development Awards	June	1
NIH, Individual Postdoctoral Fellowships	June	1
NIH, Institutional Training Programs	June	1
NIH, Support of Meetings (Scientific, U.S.A. or International)	June	1
NIH, National Research Service Awards for Senior Fellows	June	1
NIH, Research Grants, New	July	1
NIH, New Investigator Awards	July	1
NINCDS, Research Grants on Small Animal Models for Screening Antiepileptic Drugs	July	1
NINCDS, Research Grants on Hormones and Epilepsy	July	1

NIH ANNUAL DEADLINES

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <i>for each</i> : School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1
NHLBI, Preventive Cardiology Academic Award	April	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1
NHLBI, Clinical Investigators Award	August	1
NIA, Academic Award	July	1
NIADDK/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIGMS, NIGMS Shared Instrumentation Grants	February	15
NIH, NRSA for Short-Term Training of Students in Health Professional Schools	May	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, Renewals	June	1
ADAMHA, Individual Postdoctoral Fellowships	June	1

ADAMHA, Institutional Training Grants, NRSA	June	1
ADAMHA, Research Scientist Development/Research Scientist Award	June	1
ADAMHA, Research Grants, New	July	1
NIAAA, Alcohol Research Centers: Prevention, Treatment and Rehabilitation	April	15
NIAAA/NIDA/NIMH, Individual NRSA	June	1
NIAAA/NIDA/NIMH, Institutional NRSA Training	June	1
NIAAA/NIDA/NIMH, ADAMHA Prevention Research New Investigator Award	July	1
NATIONAL CENTER FOR HEALTH SERVICES RESEARCH		
Unsolicited Proposals, Health Services Research and Development Grants	July	1
HEALTH CARE FINANCING ADMINISTRATION		
Health Financing Research and Demonstration Grants	May	2
CENTER FOR DISEASE CONTROL		
Project Grants for Venereal Disease Research, Demonstrations, and Public Information and Education, FISCAL YEAR '83	July	1
FOOD AND DRUG ADMINISTRATION		
Research Grants, Renewals	June	1
Research Grants, New	July	1
DEPARTMENT OF EDUCATION		
Bilingual Education Act-Demonstration Projects Program (Continuations for a Second Budget Period Only, 84.003B)	March	11
Bilingual Education Training Projects	March	11
Bilingual Education Act-Basic Projects in Bilingual Education Program (Continuation for a Second Budget Period Only 84.003C)	March	15
Research in Education of the Handicapped: Student Initiated Research, 84.023A-B (New)	March	17
Regional Education Programs for Handicapped Persons (Continuations)	March	18
Law School Clinical Experience Program	March	25
Challenge Grant Program	March	28
Strengthening Program: Planning Grants and Renewable Development Grants	March	28
National Diffusion Network Program	March	30
Training of Interpreters for Deaf Individuals (Continuations)	April	1
Field Initiated Research (Continuations)	April	1
Challenge Grant Program (Continuations)	April	4
Strengthening Program (Continuations)	April	4
Women's Educational Equity Act Program	April	25

NATIONAL INSTITUTE OF EDUCATION

Research Grants on Law and Government Studies in Education:		
Preapplication	March	15
Final Application	May	9
Small Grants	April	4
Teaching and Learning Research	April	22

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Grants for Preventive Medicine Residency Training Programs	March	14
Nursing Research Emphasis Grants for Doctoral Programs in Nursing	July	1
Advanced Nurse Training Program	July	1

Questions regarding the following deadlines should be referred to ORA at 373-2784.

NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

U.S.-Japan Cooperative Science. Cooperative Research (NSF 81-58). Contact Dr. Charles Wallace (202) 357-9537	April	1
U.S.-Australia Cooperative Science (NSF 81-49 Rev. January 1982). For all proposals for individual visits in 1984 and for other projects with requested effective dates between January 1 and June 30, 1984. Contact Mr. Alan Milsap (202) 357-9537	April	1
U.S.-New Zealand Cooperative Science (NSF 81-50). For all proposals for projects with requested effective dates between January 1 and June 30, 1984. Contact Mr. Alan Milsap (202) 357-9537	April	1
U.S.-Latin America and Caribbean Cooperative Science (NSF 80-52). Proposals for cooperative research projects, research oriented workshops, or scientific visits involving U.S. scientists in cooperation with scientists from any independent country of South America, Central America and the Caribbean including Mexico. Contact Dr. Eduardo Feller, Ms. Christine French, or Dr. Harold Stolberg (202) 357-9563	May	1
U.S.-Japan Cooperative Science. Joint seminars (NSF 81-58). Contact Dr. Charles Wallace (202) 357-9537	June	1
U.S.-Federal Republic of Germany Cooperative Science. Semi-annual deadline for proposals for joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1

U.S.-Switzerland Cooperative Science. Semiannual deadline for proposals for joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Republic of Korea Cooperative Science (U.S.-East Asia Cooperative Science Programs, NSF 81-30; Grants for Scientific and Engineering Research, NSF 81-79). Contact Dr. Gerald A. Edwards (202) 357-9537	July	1
Oceanographic Facilities Support. Ship Technicians (NSF 81-23), Ship Operations Support (NSF 81-18), Oceanographic Instrumentation (NSF 81-25), Shipboard Scientific Support Equipment (NSF 81-26). Contact Mr. Ronald La Count (202) 357-7837	July	1
Materials Research Laboratory (for new or renewal proposals). Contact Dr. Robert Stokes (202) 357-9791	July	15
Information Science and Technology. Special research initiation awards for new investigators (NSF 81-34 and NSF 81-69). Contact Dr. Edward Weiss (202) 357-9572	August	3
Nuclear Science. Conferences, workshops, etc. DOE/NSF review by Division of Nuclear Physics of the American Physical Society. Contact Dr. Harvey B. Willard (202) 357-7993	September	1
Elementary Particle Physics. Conferences, workshops, etc. DOE/NSF Review by Division of Particles and Fields of the American Physical Society. Contact Dr. David Berley (202) 357-9575	September	1
U.S.-India Exchange of Scientists (NSF 80-53). Contact Mr. Eugene Pronko (202) 357-9550	September	15

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Climate Dynamics. Contact Dr. Kenneth Bergman (202) 357-9892	May	1
Earth Sciences: Stratigraphy and Paleontology; Environmental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	May	1
Biological Instrumentation. Contact the Division of Physiology, Cellular and Molecular Biology (202) 357-7652	May	2
Innovation Processes Research (NSF 81-84). Contact Dr. Louis Tornatzky, Dr. J. D. Eveland, or Dr. W. A. Hetzner (202) 357-9804, Dr. E. C. Johnson, (202) 357-7875	June	1
Alternative Biological Resources. Contact Dr. H. Huang (202) 375-9782	June	1
Metabolic Biology. Contact Dr. Elijah Romanoff (202) 357-7987	June	1

U.S. Antarctic Research. For fiscal year 1984 support. Obtain brochure and proposal preparation kit from Division of Polar Programs before submitting proposal. Contact Mr. Guy Guthridge (202) 357-7817	June	1
Ocean Sciences Research. Contact Dr. Robert Wall (202) 357-7912	June	15
Systematic Biology. Contact Dr. Wallace LaBerge, (202) 357-9588	June	15
Population Biology and Physiological Ecology. Contact Dr. John Brooks (202) 357-9728	June	15
Ecology. Contact Dr. Gary Barrett (202) 357-9734	June	15
Biochemistry. Contact Dr. Huber Warner (202) 357-7945	July	1
Biophysics. Contact Dr. Arthur Kowalsky (202) 357-7777	July	1
Cell Biology. Contact Dr. John Cook (202) 357-7474	July	1
Cell Physiology. Contact the Division of Physiology, Cellular, and Molecular Biology (202) 357-7377	July	1
Developmental Biology. Contact Dr. Susan Bryant (202) 357-7989	July	1
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	July	1
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	July	1
Climate Dynamics. Contact Dr. Kenneth Bergman (202) 357-9892	August	1
Arctic Research. For fiscal year 1984 support. Brochure is available from Division of Polar Programs. Contact Mr. Guy Guthridge (202) 357-7817	September	1
Earth Sciences: Stratigraphy and Paleontology; Environmental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	September	1
Science in Developing Countries Program (NSF 81-51). Contact Dr. Gordon Heibert (202) 357-7393	September	1
U.S.-East Asia Cooperative Science (NSF 81-30). Contact Dr. Gerald A. Edwards or Dr. Gordon Heibert (202) 357-9558	September	1
Ocean Sciences Instrumentation Development. Contact Mr. H. Lawrence Clark (202) 357-7837	September	1
Economics. Contact Dr. Daniel Newlon, Dr. James Blackman, or Dr. Lynn Pollnow (202) 357-9675	September	1
Geography and Regional Science. Contact Dr. James Blackman (202) 357-7326	September	1
Measurement Methods and Data Resources. Contact Dr. Murray Aborn or Dr. Sara Nerlove (202) 357-7913	September	1
Sociology. Contact Dr. Joanne Miller (202) 357-7802	September	1
History and Philosophy of Science. Contact Dr. Ronald Overmann (202) 357-9677	September	1
Political Science. Contact Dr. William Mishler (202) 357-9406	September	1
Law and Social Sciences. Contact Dr. Felice Levine (202) 357-9567	September	1
Decision and Management Science. Contact Dr. Trudi Miller (202) 357-7569	September	1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg (202) 357-7417	September	1

Questions regarding the following deadlines should be referred to ORA at 3-2785.

U.S. DEPARTMENT OF AGRICULTURE

Proposals must be received by USDA's Grants Administrative Management Office by the close of business on the date specified for each program area. For a copy of the Federal Register announcement and Grant Application Kit, call ORA at 373-2771.

Special and Alcohol Fuels Research Grants

Soybean Research	March	11
Antidesertification Research	March	11
Animal Health Research	March	25
Aquaculture Research	April	1
Alcohol Research	April	15

NONFEDERAL

Questions regarding the following deadlines should be referred to ORA at 373-1970.

American Association of Oral and Maxillofacial Surgeons		
Research Fellowships	April	1
American Cancer Society		
Research and Clinical Investigator Grants	April	1
American Chemical Society - Petroleum Research Fund		
Grants-in-Aid	No Deadline	
American Heart Association		
Established Investigatorships	July	1
Clinician-Scientist	July	1
American Philosophical Society		
Grants-in-Aid	Various--Contact ORA	
Bedding Plants Foundation	May	1
Cystic Fibrosis Foundation		
New Investigator Research Grants	April	1
Research Grants	April	1
Damon Runyon-Walter Winchell Cancer Fund		
Human Cancer-Directed Fellowship	August	15
Fellowship Grant	August	15
Deafness Research Foundation	July	15
Engineering Foundation		
Pre-proposals	No Deadline	
Gas Research Foundation		
Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline	
International Research and Exchanges Board (IREX)		
Travel Grants for Senior Scholars	April	30
March of Dimes		
Basil O'Connor Starter Research Grants	Continuous	
Reproductive Hazards in the Workplace	June	1
Clinical	August	1

Minnesota Humanities Commission	
General Grants (Over \$500): Draft Applications	April 22
	July 29
	October 21
General Grants (Over \$500): Final Applications	May 13
	August 19
	November 11
Small Grants (Under \$500)	
Final Applications due 6 weeks prior to start date	No Deadline
Media Grants: Application Review (including a 10-minute sample of technical personnel's work)	July 15
Media Grants: Final Applications	May 13
	August 19
	November 11
Minnesota Medical Foundation	March 31
	June 30
	No Deadline
Charles Stewart Mott Foundation (Letter of inquiry)	
Muscular Dystrophy Association	
Grants-in-Aid	
Preliminary Application for 1/1/84 start date (brief letter)	May 31
Final Application	June 30
National Geographic Society	
Grants-in-Aid	No Deadline
National Multiple Sclerosis Society	
Research Grants	August 1
Technicon Instruments Corporation	
Grants for Research in Biomedical and Industrial Instrumentation	
Pre-proposals	No Deadline
University Genetics Company (UGEN)	No Deadline
Wenner-Gren Foundation for Anthropological Research	
Postdoctoral Fellowships	No Deadline
Senior Research Fellowships	No Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

D. MC
3/2/83

ORA RDC Newsletter

Published Jointly by the Office of Research Administration and the Research Development Center

APRIL 1983

VOLUME XII/NO. 10

ORA ISSUES REPORT

The Office of Research Administration has prepared a report entitled, Levels and Trends in Sponsored Programs at the University of Minnesota. This report provides information concerning fiscal year 1982 expenditures for sponsored research and training programs by college and sponsor, and information on proposal and award levels during fiscal years 1981 and 1982 by collegiate unit and source. The report is being distributed to deans and department heads. A limited number of copies are available from ORA and can be obtained by calling 376-7358.

FISCAL MANAGEMENT OF SPONSORED ACCOUNTS

In a memorandum dated February 4, 1983, President Magrath informed Provosts, Deans, Directors and Department Heads of the initiation of central budgetary controls to restore fiscal balance to General Operations and Maintenance Fund budgets. Although these new procedures do not apply to sponsored agreements administered through the Office of Research Administration, principal investigators and their administrative staffs are reminded of the continuing necessity for responsible fiscal management of research funds. Expenditures on sponsored accounts must be in accordance with agency and institutional requirements and be within the approved budget amount. Principal investigators are reminded that because of decreasing state funds at the departmental, collegiate and institutional levels, funds are not available to offset deficits from sponsored accounts.

NATIONAL RESEARCH SERVICE AWARD (NRSA) FELLOWSHIP ACTIVATION PERIOD REDUCED TO SIX MONTHS

PHS/NIH has reduced the maximum period of time for activation of NRSA Fellowship awards from twelve to six months. The activation period is the time between an individual's initial award and the actual initiation of the fellowship experience. Effective for new fellowships awarded between October 1, 1982 and September 30, 1983 the maximum activation period is six months. Extensions of the activation period may be granted, by the awarding institute, for good reasons.

FOOD AND DRUG ADMINISTRATION (FDA) TO ANNOUNCE AVAILABILITY OF FY '83 FUNDS FOR COOPERATIVE AGREEMENTS FOR ORPHAN DRUGS AND MEDICAL DEVICE RESEARCH

The FDA has delayed their announcement of FY '83 fund availability and request for applications for cooperative agreements to support clinical trials on the safety and effectiveness of orphan drugs and medical devices. ORA will publish the deadline in its Newsletter when the information is available from the *Federal Register*. Programmatic questions may be referred to the Office of Orphan Products Development, Parklawn Building, Room 12-11, 5600 Fishers Lane, Rockville, MD 20857.

NIH/PHS ISSUES CORRECTION TO HIGHLIGHTS OF REVISED PHS GRANTS POLICY STATEMENT

The Highlights of the Revised *PHS Grants Policy Statement*, as published in the *NIH Guide for Grants and Contracts*, Vol. 12, No. 1, 1/28/83, had a sentence omitted from paragraph 2. The correct paragraph 2 should read as follows:

"2. Page 6 - Supplemental Applications for Administrative Increases to Meet Institution-Wide Increased Costs - The following long-standing NIH practice remains in force: Where the project is located in an organizational component that receives an NIH Biomedical Research Support Grant, no supplemental funds will be provided by NIH for administrative increases which take effect during a current budget period (such as institution-wide salary and/or fringe benefit increases). A request for funds to cover such increases may be included in the next application for non-competing continuation support."

NIH PLANS SITE VISITS TO ANIMAL CARE FACILITIES

NIH announced in the *NIH Guide for Grants and Contracts*, Vol. 12, No. 2, 2/25/83, that it is embarking on a series of site visits to randomly selected awardee institutions to assess the adequacy of the current process for promoting proper care and use of animals in biomedical research with NIH funds. In particular, the visits are intended to determine whether or not the facilities, systems, and practices for the care and use of laboratory animals are consonant with the statements of assurance now on file with the NIH.

The effort is being conducted under the leadership of the Office of Extramural Research and Training (OERT). NIH staff and advisors have developed a protocol for conducting the site visits. The first group of institutions will be visited during the period March through September 1983. Visits will be made to a stratified, random sample of ten institutions which operate under approved assurances but which do not have accreditation from the AAALAC. The institutions will be selected according to the following plan: (a) one institution will be chosen from each of the ten DHHS geographic regions, and (b) three or four institutions will be taken from each of three categories of total annual NIH support (more than \$10 million, \$5-10 million, and less than \$5 million). Each site visit team will be composed of several members (usually 3-5), comprising NIH employees and non-federal consultants. A member of the NIH staff will notify the appropriate institutional representative(s) about one month before the scheduled visit.

NATIONAL INSTITUTE OF JUSTICE (NIJ)

Research program plans of the Office of Research and Evaluation Methods, NIJ, for fiscal years 1983 and 1984 include three efforts: (1) Crime Control Theory: exploring the direct impact of incarceration on crime rates as well as the deterrent effect achieved by the threat of formal punishment; (2) Performance Measures: developing a conceptual framework that rates performance to the actual operations of an agency and to particular issues relating to the nature of public sector agencies; and (3) Methodology Research: conducting studies on offender taxonomy and prediction techniques. For further information on NIJ program plans or research solicitations, contact the Director, Office of Research and Evaluation Methods, NIJ, 633 Indiana Avenue NW, Washington, DC 20531.

DOD-OFFICE OF NAVAL RESEARCH (ONR)-MATHEMATICAL SCIENCES RESEARCH

Within the Mathematical Sciences Division of ONR, two groups support research in mathematical sciences including statistics to provide the Navy with a better understanding of computers, economics and related military sciences such as flight trajectories and aeronautical calculations. Emphasis in the Mathematics Group is on control theory, large scale systems theory, analytic and computational methods for partial differential equations, the theory of algorithms, mathematical optimization, decision science and mathematical economics. Emphasis in the Statistics and Probability Group is on mathematical statistics, computational statistics, statistical signal analysis for remote sensing data, quality assurance and stochastic methods for operations research. For further program information, contact Dr. Edward Wegman, Acting Director, Mathematical Sciences Division, ONR, 800 N. Quincy St., Code 411, Arlington, VA 22217.

DOD-OFFICE OF NAVAL RESEARCH (ONR)-ENVIRONMENTAL SCIENCES

The Environmental Sciences Directorate of ONR has two main divisions. The Ocean Sciences Division sponsors research in physical and chemical oceanography, coastal and atmospheric sciences, and ocean biology. The Geophysical Sciences Division sponsors research in the arctic circle, marine geology and geophysics, and ocean and underwater acoustics. To obtain more specific program information, contact Mr. Gordon R. Hamilton, Associate Director, Environmental Sciences, ONR, Code 420, 800 N. Quincy St., Arlington, VA 22217.

DEPARTMENT OF STATE-AGENCY FOR INTERNATIONAL DEVELOPMENT (AID)

Program objectives and research areas currently being addressed by AID are listed below. Investigators are urged to contact AID technical personnel prior to preparing and submitting a formal unsolicited proposal.

AGRICULTURE AND FISHERIES RESEARCH: To provide information leading to increased availability of food, economic betterment of the rural sector, and generation of new technology relative to the needs of the small farmer in developing countries. Research areas include food crop production, soils and water management, livestock production, fisheries and aquaculture, post harvest technology, and agriculture, economics and analysis. Contract Sander Levin (202) 235-9020.

EDUCATION AND HUMAN RESOURCE DEVELOPMENT: To further the understanding of traditional educational systems in the developing countries while modernizing those systems and integrating education into the national development as a whole. Research areas include non-formal education, education technology, educational analysis, higher education, and effectiveness of training foreign nationals. Contact Dr. David Spague (202) 235-8980.

HEALTH RESEARCH: To more fully understand the relationship between health and development, specifically which health problem areas inhibit development, and which development programs will lead to a more healthy environment in developing countries. Research areas include improved health planning methods, cost-effective delivery systems, low-cost hygiene systems, disease relationship to growth and development, and disease control techniques. Contact Dr. George Curlin (202) 235-8926.

POPULATION AND FAMILY PLANNING RESEARCH: To develop new knowledge and methods which contribute to the efficiency and success of voluntary family planning action programs, and to develop new knowledge upon which to base population policies. Research areas include descriptive demography, population policy research, operational research and improved methods of fertility regulation. Contact J. Joseph Speidel, M.D. (202) 235-8117.

TECHNICAL REVIEW AND INFORMATION: To provide for and disseminate new forms of technology development information to the developing countries. Research areas include industrial technology, appropriate technology, use of advanced technology, exchange of technical information, and science and technology policy. Contact Ruth Zagorin (202) 235-9044.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, *agency* deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

Questions regarding the following deadlines should be referred to ORA at 373-5925.

NATIONAL INSTITUTES OF HEALTH

DRR, Small Grants for Pilot Projects, Biotechnology Resources Program	June	1
Fogarty International Center, Senior International Fellowships, 84-85	June	1
NCI, RFA: NIH-NCI-DRCCA-82-17, Patterns of Care for Elderly Cancer Patients: Implications for Cancer Control (Letter of intent recommended by 2/15)	April	19
NCI, Clinical Cancer Education Program	June	1
NCI, Use of Growth Factors, Maturation Factors and Anti-Growth Factors in Animal Tumor Models-Biological Response Modifiers Research	July	1
NCI, Immunohistochemical Classification of Solid Tumors	July	1

NCI, Development of Myeloma or Human B Cell Lines Suitable for Somatic Cell Hybridization to Produce Human Monoclonal Antibodies	July	1
NCI, Development of Genetically Engineered Cell Products- Biological Response Modifiers Research	July	1
NCI, Use of Tumor Associated Antigens As Immunogens- Biological Response Modifiers Research	July	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines-Biological Response Modifiers Research	July	1
NCI, Oncogene Products in Irradiated Cells and Tissue	July	1
NCI, Specific Radiation-Induced Chromosomal Abnormalities and Cancer	July	1
NCI, Smokeless Tobacco and Non-Tobacco Smoking Product Use: Identification of Initiation Mechanisms in Children and Adolescents (Letter of intent recommended prior to submission)	July	1
NCI, Tobacco and the Blue Collar Worker (Letter of intent recommended prior to submission)	July	1
NCI, Cancer Control Science Program (Letter of intent by 3/15)	October	1
NHLBI, RFA: NIH-NHLBI-DHVD-83G-A, Coronary Artery Reactivity, Injury and Thrombosis (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DLD-83G-B, Defense Functions in the Developing Respiratory System (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DHVD-83G-C, Biobehavioral Factors Affecting Hypertension in Blacks (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DHVD-83G-D, Cardiac Hypertrophy and Failure in Chronic Hypertension (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DHVD-83G-E, Dysrhythmias in the Developing and Immature Heart (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DBDR-83G-F, Rheological Studies in Sickle Cell Disease (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DBDR-83G-G, Megakaryocytopoiesis and Thrombocytopoiesis	April	15
NHLBI, RFA: NIH-NHLBI-DBRD-83G-H, Etiology, Pathogenesis, and Treatment of Aplastic Anemia (Letter of intent recommended by 2/15)	April	15
NHLBI, RFA: NIH-NHLBI-DLD-83G-I, Extracellular Matrix Interactions in the Normal and Diseased Lung (Letter of intent recommended by 2/15)	April	15
NHLBI, Transfusion Medicine Academic Award	May	1
NHLBI, New Investigator Award-Research Grant	July	1
NHLBI, School Health Promotion and Cardiovascular Health of Children and Adults	July	1
NHLBI, RFA: NIH-NHLBI-DHVD-83G-J, Specialized Centers of Research in Ischemic Heart Disease (IHD-SCORs) (Letter of intent recommended by 4/4)	July	18
NIA, Pharmacology Program:		
Program Project Grants	June	1
Institutional NRSA	June	1

NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of intent recommended 30 days prior to established receipt deadline)		
Individual Postdoctoral Fellowships	June	1
Institutional Training Programs	June	1
Clinical Investigator Awards	June	1
Senior Fellowships	June	1
NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of intent recommended 30 days prior to established receipt deadline)		
Research Grants	July	1
NIADDK, RFA: Exploratory Grants for Digestive Diseases Cove Centers	May	16
NIADDK, Multipurpose Arthritis Centers (Letter of intent by 2/1)	June	1
NIADDK, Clinical Investigator Award	June	1
NIAID, RFA-NIH-NIAID-83-1, Asthma and Allergic Disease Centers and Asthma and Allergic Disease Centers for Immunodermatologic Studies	October	15
NIAID, RFA-NIH-NIAID-83-2, Program Projects in Mechanism of Immunologic Diseases (Letter of intent encouraged)	October	15
NIDR, Long-Term Effects of Craniofacial Injuries	July	1
NIEHS, The NIEHS Clinical Investigator Award	June	1
NIH, Research Grants, Renewals	June	1
NIH, Research Career Development Awards	June	1
NIH, Individual Postdoctoral Fellowships	June	1
NIH, Institutional Training Programs	June	1
NIH, Support of Meetings (Scientific, U.S.A. or International)	June	1
NIH, National Research Service Awards for Senior Fellows	June	1
NIH, Research Grants, New	July	1
NIH, New Investigator Awards	July	1
NINCDS, Research Grants on Small Animal Models for Screening Antiepileptic Drugs	July	1
NINCDS, Research Grants on Hormones and Epilepsy	July	1

NIH ANNUAL DEADLINES

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <i>for each</i> : School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1
NHLBI, Preventive Cardiology Academic Award	April	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1
NHLBI, Clinical Investigators Award	August	1
NIA, Academic Award	July	1
NIADDK/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIGMS, NIGMS Shared Instrumentation Grants	February	15
NIH, NRSA for Short-Term Training of Students in Health Professional Schools	May	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, Renewals	June	1
ADAMHA, Individual Postdoctoral Fellowships	June	1
ADAMHA, Institutional Training Grants, NRSA	June	1
ADAMHA, Research Scientist Development/Research Scientist Award	June	1
ADAMHA, Research Grants, New	July	1
NIAAA, Alcohol Research Centers: Prevention, Treatment and Rehabilitation	April	15
NIAAA/NIDA/NIMH, Individual NRSA	June	1
NIAAA/NIDA/NIMH, Institutional NRSA Training	June	1
NIAAA/NIDA/NIMH, ADAMHA Prevention Research New Investigator Award	July	1
NIDA, Marijuana Research Grants Program	July	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Unsolicited Proposals, Health Services Research and Development Grants	July	1
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CENTER FOR DISEASE CONTROL

Project Grants for Venereal Disease Research, Demonstrations, and Public Information and Education, FISCAL YEAR '83	July	1
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FOOD AND DRUG ADMINISTRATION

Research Grants, Renewals	June	1
Research Grants, New	July	1

DEPARTMENT OF EDUCATION

Challenge Grant Program (Revised Deadline)	April	11
Strengthening Program: Planning Grants and Renewable Development Grants (Revised Deadline)	April	11
Women's Educational Equity Act Program	April	25
Rehabilitation Engineering Centers	May	6

NATIONAL INSTITUTE OF EDUCATION

Research Grants on Law and Government Studies in Education: Final Application (Preapplication was required 3/15)	May	9
Small Grants	Jan 4	1984
Teaching and Learning Research	April	22
Unsolicited Proposals	Feb 3	1984

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Nursing Research Emphasis Grants for Doctoral Programs in Nursing	July	1
Advanced Nurse Training Program	July	1

Questions regarding the following deadlines should be referred to ORA at 373-2784.

NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

Doctoral Dissertation Research Proposals for the Division of Biotic Systems and Resources. Contact Dr. James Edwards (202) 357-9588	May	1
U.S.-Latin America and Caribbean Cooperative Science (NSF 80-52). Proposals for cooperative research projects, research oriented workshops, or scientific visits involving U.S. scientists in cooperation with scientists from any independent country of South America, Central America and the Caribbean including Mexico. Contact Dr. Eduardo Feller, Ms. Christine French, or Dr. Harold Stolberg (202) 357-9563	May	1
U.S.-Japan Cooperative Science. Joint seminars (NSF 81-58). Contact Dr. Charles Wallace (202) 357-9537	June	1
U.S.-Federal Republic of Germany Cooperative Science. Semi-annual deadline for proposals for joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Switzerland Cooperative Science. Semiannual deadline for proposals for joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Republic of Korea Cooperative Science (U.S.-East Asia Cooperative Science Programs, NSF 81-30; Grants for Scientific and Engineering Research, NSF 81-79). Contact Dr. Gerald A. Edwards (202) 357-9537	July	1
Oceanographic Facilities Support. Ship Technicians (NSF 81-23), Ship Operations Support (NSF 81-18), Oceanographic Instrumentation (NSF 81-25), Shipboard Scientific Support Equipment (NSF 81-26). Contact Mr. Ronald La Count (202) 357-7837	July	1
Materials Research Laboratory (for new or renewal proposals). Contact Dr. Robert Stokes (202) 357-9791	July	15
Ethics and Values in Science and Technology (jointly sponsored by NSF and NEH). Contact Dr. Rachelle Hollander (202) 357-9569	August	1
Information Science and Technology. Special research initiation awards for new investigators (NSF 81-34 and NSF 81-69). Contact Dr. Edward Weiss (202) 357-9572	August	3
Nuclear Science. Conferences, workshops, etc. DOE/NSF review by Division of Nuclear Physics of the American Physical Society. Contact Dr. Harvey B. Willard (202) 357-7993	September	1

Elementary Particle Physics. Conferences, workshops, etc. DOE/NSF Review by Division of Particles and Fields of the American Physical Society. Contact Dr. David Berley (202) 357-9575	September	1
U.S.-India Exchange of Scientists (NSF 80-53). Contact Mr. Eugene Pronko (202) 357-9550	September	15
U.S.-Australia Cooperative Science (NSF 81-49, rev. 1/82). Seminar, cooperative research exchange, and no cost proposals with requested effective dates falling between July 1 and December 1, 1984. Contact Mr. Alan Milsap (202) 357-9558	October	1
U.S.-New Zealand Cooperative Science (NSF 81-50). For projects with requested effective dates falling between July 1 and December 31, 1984. Contact Mr. Alan Milsap (202) 357-9558	October	1
U.S.-France Cooperative Science. Long-term visits to France under the exchange of scientists activity. Contact Dr. Stephen Mosier (202) 357-7554	October	1
U.S.-Italy Cooperative Science. Cooperative research projects, joint seminars, and long-term research visits. Contact Ms. Marilyn Rurak (202) 357-7554 Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.	October	1
Climate Dynamics. Contact Dr. Kenneth Bergman (202) 357-9892	May	1
Earth Sciences: Stratigraphy and Paleontology; Environmental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	May	1
Biological Instrumentation. Contact the Division of Physiology, Cellular and Molecular Biology (202) 357-7652	May	2
Innovation Processes Research (NSF 81-84). Contact Dr. Louis Tornatzky, Dr. J. D. Eveland, or Dr. W. A. Hetzner (202) 357-9804, Dr. E. C. Johnson, (202) 357-7875	June	1
Alternative Biological Resources. Contact Dr. H. Huang (202) 375-9782	June	1
Metabolic Biology. Contact Dr. Elijah Romanoff (202) 357-7987	June	1
U.S. Antarctic Research. For fiscal year 1984 support. Obtain brochure and proposal preparation kit from Division of Polar Programs before submitting proposal. Contact Mr. Guy Guthridge (202) 357-7817	June	1
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Cell Biology. Contact Dr. John Cook (202) 357-7474	July	1
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Decision and Management Science. Contact Dr. Trudi Miller (202) 357-7569	September	1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg (202) 357-7417	September	1
Biological Instrumentation. Contact the Division of Physiology, Cellular and Molecular Biology (202) 357-7652	September	30
Innovation Processes Research (NSF 81-84). Contact Dr. Louis Tornatzky, Dr. J. D. Eveland, Dr. W. A. Hetzner (202) 357-9804; Dr. E. C. Johnson (202) 357-7875	October	1

*NSF Proposals may be submitted for the following programs at any time of the year. It takes approximately six to nine months to process a proposal. Brochures indicated in parentheses may be ordered.

Anthropology. Contact Dr. John Yellen (202) 357-7804 *
 Linguistics. Contact Dr. Paul Chapin (202) 357-7696 *
 Memory and Cognitive Processes. Contact Dr. Joseph Young *
 (202) 357-9898 *
 Neurobiology. Contact Dr. Steven E. Kornguth *
 (202) 357-7471 *
 Psychobiology. Contact Dr. Fred Stollnitz (202) 357-7949 *
 Sensory Physiology and Perception. Contact Dr. Terrence *
 Dolan (202) 357-7428 *
 Social and Developmental Psychology. Contact Dr. Richard *
 Louttit (202) 357-9485 *
 Biological Research Resources. Contact Dr. James Tyler *
 (202) 357-7475 *
 Doctoral Dissertation Research Contact Dr. James Edwards *
 (202) 357-9588 *
 Ecosystem Studies. Contact Dr. W. Franklin Harris *
 (202) 357-9596 *
 Science in Developing Countries. Contact Dr. Gordon *
 Hiebert (202) 357-9537 *
 U.S.-China Cooperative Science. Contact Dr. Pierre *
 Perrolle or Mr. Alexander DeAngelis, Division of *
 International Programs (202) 357-7393 *
 U.S.-East Asia Cooperative Science (NSF 81-30). For *
 projects with Indonesia, Malaysia, Thailand, and *
 Singapore, contact Dr. Gordon Hiebert (202) 357-9537; for *
 projects with the Philippines, contact Dr. Gerald A. *
 Edwards (202) 357-9537 *
 U.S.-New Zealand Cooperative Science. Contact Mr. Alan *
 Milsap (202) 357-9558 *
 U.S.-Eastern Europe Cooperative Science (NSF 81-27). *
 Contact Miss Deborah Wince (202) 357-9516 *
 Industry/University Cooperative Research Projects *
 (NSF 80-31). Contact Dr. Frederick Betz (202) 357-7785 *
 or Mr. Alex Schwarzkopf (202) 357-7527 *
 Industry/University Cooperative Research Centers. Contact *
 Mr. Robert Colton or Mr. Alex Schwarzkopf (202) 357-7527 *
 Policy Research and Analysis (NSF 81-82). Contact *
 Ms. Agnes Rhodes (202) 357-9689 *
 Research in Information Science and Technology (NSF 81-34). *
 Contact the Division of Information Science and *
 Technology (202) 357-9572 *
 Special Research Initiation Awards for New Investigators *
 in Information Science and Technology (NSF 81-69). *
 Contact the Division of Information Science and *
 Technology (202) 357-9572 *

NONFEDERAL

Questions regarding the following deadlines should be referred to ORA at 373-1970.

American Chemical Society - Petroleum Research Fund
 Grants-in-Aid

No Deadline

American Heart Association		
Grants-in-Aid	October	1
Medical Student Research Fellowship	July	1
Established Investigatorships	July	1
Clinician-Scientist	July	1
American Philosophical Society		
Grants-in-Aid	Various--Contact	ORA
Bedding Plants Foundation	May	1
Center for Field Research (Earthwatch)		
Latin America Field Research Grants	No Deadline	
Earthwater Universities Program	April	10
Damon Runyon-Walter Winchell Cancer Fund		
Human Cancer-Directed Fellowship	August	15
Fellowship Grant	August	15
Deafness Research Foundation	July	15
Engineering Foundation		
Pre-proposals	No Deadline	
Epilepsy Foundation of America		
Research Grant	September	1
Clinical Epilepsy Research Fellowship	September	1
Gas Research Foundation		
Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline	
International Research and Exchanges Board (IREX)		
Travel Grants for Senior Scholars	April	30
Kellogg Foundation		
Expanding Opportunities for Adult Continuing Education	Continuous	
Health Promotion and Disease Prevention Programs	Continuous	
Coordinated, Cost-Effective Health Service Programs	Continuous	
Improving Human Well Being through Productive Agriculture	Continuous	
Fostering Leadership Capacity	Continuous	
March of Dimes		
Social and Behavioral Science	September	1
Basic	October	1
Basil O'Connor Starter Research Grants	Continuous	
Reproductive Hazards in the Workplace	June	1
Clinical	August	1
Minnesota Humanities Commission		
General Grants (Over \$500): Draft Applications	April	22
	July	29
	October	21
General Grants (Over \$500): Final Applications	May	13
	August	19
	November	11
Small Grants (Under \$500)		
Final Applications due 6 weeks prior to start date	No Deadline	
Media Grants: Application Review (including a 10-minute sample of technical personnel's work)	July	15
Media Grants: Final Applications	May	13
	August	19
	November	11
Minnesota Medical Foundation	June	30
	September	30
Charles Stewart Mott Foundation (Letter of inquiry)	No Deadline	

Muscular Dystrophy Association		
Grants-in-Aid		
Preliminary Application for 1/1/84 start date		
(brief letter)	May	31
Final Application	June	30
National Geographic Society		
Grants-in-Aid	No	Deadline
National Multiple Sclerosis Society		
Research Grants	August	1
Technicon Instruments Corporation		
Grants for Research in Biomedical and Industrial		
Instrumentation		
Pre-proposals	No	Deadline
University Genetics Company (UGEN)	No	Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

MSC
10/6/83

ORA/RDC Newsletter

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MAY 1983

VOLUME XII/NO. 11

NEW FRINGE BENEFIT RATES

The fringe benefit rates for civil service for the period March 1, 1983 through June 30, 1983 will be as below. The costs for workers' and unemployment compensation have increased much more than expected, therefore, those rates were increased to recover the increased costs over the next three months. The rates will be adjusted again starting July 1, 1983.

	CIVIL SERVICE %
Health Plan	10.0727
Unemployment Compensation	1.9813
Workers Compensation	1.7453
Group Life	.2554
Retirement	1.6000
F.I.C.A.	7.4372
	<hr/> 23.0919

NATIONAL RESEARCH SERVICE AWARD INSTITUTIONAL (TRAINING) GRANT APPLICATION FORMS

NRSA Institutional application forms (PHS 6025) are in the process of being revised. The 2/80 revisions can be used for the June 1, 1983 receipt date. The new form will be used for subsequent dates. Availability of the new form will be announced in the *NIH Guide for Grants and Contracts* and the *ORA/RDC Newsletter*. Please hold requests for the new forms until the announcement has been published.

NATIONAL SCIENCE FOUNDATION INSTITUTES NEW ORGANIZATIONAL PRIOR APPROVAL SYSTEM

The National Science Foundation (NSF) has issued new management guidelines for NSF grants. These changes are the result of a redefinition of the NSF-grantee relationship to emphasize grantee responsibilities and to minimize NSF involvement in the support of grant supported activities. Many of the activities and costs previously required to have NSF approval can now be approved locally under the Organizational Prior Approval System. Guidelines concerning these new procedures will be distributed by ORA within the next few days and will also be published in the June issue of the *ORA/RDC Newsletter*.

NATIONAL ENDOWMENT FOR THE HUMANITIES (NEH) OFFICES MOVE

NEH has relocated its office to the following address: National Endowment for the Humanities, Old Post Office, 1100 Pennsylvania Avenue N.W., Washington, DC 20506. The following are new telephone numbers for divisions and offices (area code 202):

Office of the Chairman	786-0310	Director of Administration	786-0358
Assistant Chairman	786-0318	Accounting Office	786-0334
Congressional Liaison	786-0328	Admin. Services Office	786-0233
Public Affairs Office	786-0438	Personnel Office	786-0415
General Counsel	786-0322	Grants Office	786-0494
Planning & Policy Assessment	786-0424	Equal Employment Office	786-0410
Office of the Deputy Chairman	786-0314	Budget Office	786-0355
Education Division	786-0373	Audit Office	786-0350
Fellowships Division	786-0458	Automatic Data Processing	786-0399
General Program Division	786-0267	Research Programs	
Research Division	786-0200	General Research	786-0207
State Program Division	786-0254	Research Resources	786-0204
Challenge Grants Division	786-0361	Research Materials	786-0210

EPA-STUDY AND MODEL DISPERSION OF TOXIC SUBSTANCES FROM DUMP SITES

The Robert S. Kerr Environmental Research Laboratory of the Environmental Protection Agency (EPA) is seeking assistance through cooperative agreements on a variety of aspects of toxic disposal and subsequent dispersion of waste after dumping. Funding for each RFP ranges from \$100,000 to \$200,000. For copies of the RFPs, or more information, write to: Ground Water Research Branch, Robert S. Kerr Environmental Research Laboratory, U.S. EPA, P.O. Box 1198, Ada, OK 74820. The available RFPs are in the following areas:

RFP 83-1: Develop mathematical models predicting the probable concentrations of chemical substances in subsurface environments resulting from the release of these substances into the land surface or into the subsurface.

RFP 83-10: Predict the dispersive transport of ground water contaminants at hazardous waste sites using stochastic theory.

RFP 83-9: Study the sorption and transport of toxic organic substances in porous media systems having aqueous and mixed solvent fluid phases.

RFP 83-8: Study anaerobic transformations of organic pollutants at environmentally realistic concentrations in natural uncontaminated deeper subsurface materials.

RFP 83-7: Study the occurrence, nature, and distribution of soil organic matter complexes in subsurface materials and the interactions of these complexes with organic pollutants. The research involves refinement of predictive methods for estimating organic pollutant transport through the subsurface.

RFP 83-6: Design, construct, and operate column and static microcosms to study the transport, fate and kinetics of selected trace pollutants in the saturated subsurfaces.

RFP 83-4: Predict the transport and survival of viruses in soils and ground water, and track movement of viruses through these media.

RFP 83-3: Characterize subsurface microbial populations in relation to their effects on biodegradation of ground water contaminants.

RFP 83-2: Develop a computerized data base to store results of the preceding research efforts as well as to perform literature searches for relevant information.

DEPARTMENT OF LABOR (DOL) UNEMPLOYMENT STUDY

DOL is seeking applicants to conduct a study of unemployment, poverty and job training needs of American Samoans (SOL #RFP-OC-83-5, Due: July 1). For further information or a copy of the RFP, contact the U.S. Department of Labor, Employment and Training Administration, Office of Financial Control and Management Systems, Office of Contracting, 601 D St. NW, Rm. 7122, Washington, DC 20213.

DOD-OFFICE OF NAVAL RESEARCH-PHYSICS DIVISION

The objective of the Physics Research Program is to fund efforts to resolve basic scientific issues, to open new areas for productive research, and to contribute to the solution of problems fundamental to identified and anticipated Navy needs. Disciplines supported include: Atomic and Molecular Physics, Electro-optics, Surface and Interface Physics, Plasma Physics, and Physical Acoustics. Suggested areas of research for the next year include high accuracy time keeping, high sensitivity detectors, ionospheric and laser plasmas, energetic particle beam generation and propagation, and advanced surface and interface analytical techniques. For further program information, contact Dr. William Condell, Division Leader, Physics Division, Office of Naval Research, Code 412, 800 N. Quincy St., Arlington, VA 22217, (202) 696-4220.

DOD-OFFICE OF NAVAL RESEARCH-LIFE SCIENCES DIRECTORATE

The Office of Naval Research (ONR) conducts research to develop the scope and quality of the technology base on which the designers and builders of future naval capabilities may draw. In the Life Sciences division, this entails basic research into biological sciences including physiology, cellular and molecular biology, and research into the psychological sciences. The Directorate has two main divisions, each with several areas of emphasis:

BIOLOGICAL SCIENCES: This division includes research in the interactions of stress and the biological system, comprehensive insight into human physiological functions, basic research in molecular genetics, microbiology, and immunology. Research will continue into the ways in which the biological system copes with stress as brought about by adverse environmental conditions necessarily involved in naval and marine operations. These include extreme atmospheric pressures, acceleration, noise, vibration, fatigue sleep fragmentation. The ways in which repair processes at the cellular level aid in the ability to deal with stress will also be emphasized.

PSYCHOLOGICAL SCIENCES: Supports basic and applied research in manpower, personnel, training and human factors engineering. The program thrusts are aimed at theories underlying human cognitive and learning processes, effects of advanced instructional and testing techniques. Three areas will be supported for the coming year: (1) engineering psychology, which will investigate human performance as it is influenced by design features of naval equipment; (2) organizational effectiveness, investigating ways of measuring the motivation to work in highly demanding training and operational settings; and (3) personnel and training, supporting research on aptitude and achievement testing, human learning, understanding and reasoning.

For further program information, contact Dr. Glenn L. Bryan, Associate Director, Life Sciences Directorate, Office of Naval Research, Code 440, 800 N. Quincy, Arlington, VA 22217, (202) 696-4741.

DEPARTMENT OF STATE-AGENCY FOR INTERNATIONAL DEVELOPMENT (AID)

Program objectives and research areas currently being addressed by AID are listed below. Investigators are urged to contact AID technical personnel prior to preparing and submitting a formal unsolicited proposal.

ENERGY RESEARCH: To optimize usage of energy resources to provide the energy needed by the poor majority in cities or rural areas in developing countries. Research emphasis includes small-scale, decentralized energy generation, such as: cost effective methods to provide electricity in remote areas; inexpensive water pumping devices and energy storage systems appropriate to such conversion techniques as solar organic waste and hydro-power conversion. Contact Alan Jabobs (703) 235-8902.

FOREST AND NATURAL RESOURCES RESEARCH: To provide information that will foster development based on plans that evaluate all possible ecological effects, both positive and negative, and take into consideration alternative approaches. Areas of research to be emphasized include: (1) improved techniques for reducing the time and cost involved in resource identification and assessment; (2) expanding the economic utilization of previously neglected or under-utilized resources, including marginal lands and forest resources; and (3) techniques for increasing the value added locally to natural products. Contact Sander M. Levine (703) 235-9010.

MULTISECTOR DEVELOPMENT RESEARCH: To address the problem of rural and regional development using a multi-disciplinary, intersectoral approach, heavily involving and consonant with the interests of developing country researchers and research institutions. The program plans for the coming year are very broad. A few suggested areas, meant only as starting points are: (1) the adaptation of modern management concepts to suit the conditions and constraints of the developing countries; (2) the participation of the rural poor in the development process--organizations, institutions, and their relationships to those poor; and (3) approaches to urban finance and administration that are innovative but practical. Contact Dr. Jerome French (703) 235-8857.

FELLOWSHIPS AND GRANTS AVAILABLE THROUGH THE AMERICAN INSTITUTE OF INDIAN STUDIES

July 1, 1983 is the deadline for submitting applications for research in India sponsored by the American Institute of Indian Studies. Faculty and doctoral candidates from the University of Minnesota, a member of the American Institute, are eligible to apply for grants in all categories as follows:

SENIOR RESEARCH FELLOWSHIPS are awarded to academic specialists in Indian studies who possess the Ph.D. or equivalent. Award periods range from 3 to 10 months.

FACULTY TRAINING FELLOWSHIPS, awarded for research of 6 to 10 months' duration to established scholars whose primary focus has not been India, but who plan to make India a major element in their future research and teaching.

POSTDOCTORAL STUDY TOUR AWARDS for persons who possess the Ph.D. and whose primary field of study is South Asia, but who have not been to India before and wish to acquaint themselves with Indian scholars and academic institutions. Award periods are 3 months.

LIBRARY SERVICE FELLOWSHIPS, awarded to librarians with a South Asian specialization. Award periods range from 3 to 10 months.

PROFESSIONAL DEVELOPMENT FELLOWSHIPS, granted to scholars from the fields of medicine, biological sciences, physical sciences, business administration, law, journalism and the arts. Award periods range from 3 to 10 months.

JUNIOR FELLOWSHIPS, awarded to graduate students specializing in Indian aspects of academic disciplines for dissertation research. Junior Fellows will have formal affiliation with Indian universities and Indian research supervisors. Awards are for 12 months.

TRANSLATION PROJECTS. The AIIS, the Smithsonian Institution, and the National Endowment for the Humanities have established a cooperative program to support translations of Indian texts into English.

SHORT-TERM GRANTS, up to three months, for any field of research in India. These are not awarded for dissertation research.

For further information, contact Frederick M. Asher, 192 Klaeber Ct., 373-0934.

OFFICE OF INTERNATIONAL PROGRAMS DEADLINE INFORMATION

The Office of International Programs (OIP) has information--including deadline dates--on major faculty/student fellowship and grant programs which support international activities. For further information, please contact the OIP at 373-3793.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, *agency* deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

THE ORA CONTACT NUMBERS FOR FEDERAL DEADLINE/PROGRAM INFORMATION ARE AS FOLLOWS:

DEPARTMENT OF HEALTH AND HUMAN SERVICES	373-5925
DEPARTMENT OF EDUCATION	373-5925
OTHER FEDERAL AGENCIES	373-2771

NATIONAL INSTITUTES OF HEALTH

DRR, Small Grants for Pilot Projects, Biotechnology Resources Program	June	1
Fogarty International Center, Senior International Fellowships, 84-85	June	1
Fogarty International Center, Biomedical Research Fellowship Opportunities Abroad	October	1
Fogarty International Center, Eastern European Scientist Exchange Program	Open	

NCI, Clinical Cancer Education Program	June	1
NCI, Use of Growth Factors, Maturation Factors and Anti-Growth Factors in Animal Tumor Models-Biological Response Modifiers Research	July	1
NCI, Immunohistochemical Classification of Solid Tumors	July	1
NCI, Development of Myeloma or Human B Cell Lines Suitable for Somatic Cell Hybridization to Produce Human Monoclonal Antibodies	July	1
NCI, Development of Genetically Engineered Cell Products-Biological Response Modifiers Research	July	1
NCI, Use of Tumor Associated Antigens As Immunogens-Biological Response Modifiers Research	July	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines-Biological Response Modifiers Research	July	1
NCI, Oncogene Products in Irradiated Cells and Tissue	July	1
NCI, Specific Radiation-Induced Chromosomal Abnormalities and Cancer	July	1
NCI, Smokeless Tobacco and Non-Tobacco Smoking Product Use: Identification of Initiation Mechanisms in Children and Adolescents (Letter of intent recommended prior to submission)	July	1
NCI, Tobacco and the Blue Collar Worker (Letter of intent recommended prior to submission)	July	1
NCI, Cancer Control Science Program (Letter of intent by 3/15)	October	1
NCI, RFA: NIH-NCI-DRCCA-82-17, Patterns of Care for Elderly Cancer Patients: Implications for Cancer Control (Letter of intent recommended by 9/15)	December	6
NHLBI, New Investigator Award-Research Grant	July	1
NHLBI, School Health Promotion and Cardiovascular Health of Children and Adults	July	1
NHLBI, RFA: NIH-NHLBI-DHVD-83G-J, Specialized Centers of Research in Ischemic Heart Disease (IHD-SCORs) (Letter of intent recommended by 4/4)	July	18
NHLBI, Minority Hypertension Research Development Summer Program (Letter of intent by 5/15)	September	15
NIA, Pharmacology Program: Program Project Grants	June	1
Institutional NRSA	June	1
NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of intent recommended 30 days prior to established receipt deadline)		
Individual Postdoctoral Fellowships	June	1
Institutional Training Programs	June	1
Clinical Investigator Awards	June	1
Senior Fellowships	June	1
NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of intent recommended 30 days prior to established receipt deadline)		
Research Grants	July	1
NIADDK, RFA: Exploratory Grants for Digestive Diseases Core Centers	May	16
NIADDK, Multipurpose Arthritis Centers (Letter of intent by 2/1)	June	1
NIADDK, Clinical Investigator Award	June	1

NIAID, RFA-NIH-NIAID-83-1, Asthma and Allergic Disease Centers and Asthma and Allergic Disease Centers for Immunodermatologic Studies	October	15
NIAID, RFA-NIH-NIAID-83-2, Program Projects in Mechanism of Immunologic Diseases (Letter of intent encouraged)	October	15
NIDR, Long-Term Effects of Craniofacial Injuries	July	1
NIEHS, The NIEHS Clinical Investigator Award	June	1
NIH, Research Grants, Renewals	June	1
NIH, Research Career Development Awards	June	1
NIH, Individual Postdoctoral Fellowships	June	1
NIH, Institutional Training Programs	June	1
NIH, Support of Meetings (Scientific, U.S.A. or International)	June	1
NIH, National Research Service Awards for Senior Fellows	June	1
NIH, Research Grants, New	July	1
NIH, New Investigator Awards	July	1
NINCDS, Research Grants on Small Animal Models for Screening Antiepileptic Drugs	July	1
NINCDS, Research Grants on Hormones and Epilepsy	July	1

NIH ANNUAL DEADLINES

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <i>for each</i> : School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1
NHLBI, Preventive Cardiology Academic Award	April	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1
NHLBI, Clinical Investigators Award	August	1
NIA, Academic Award	July	1
NIADDK/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIGMS, NIGMS Shared Instrumentation Grants	February	15
NIH, NRSA for Short-Term Training of Students in Health Professional Schools	May	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, Renewals	June	1
ADAMHA, Individual Postdoctoral Fellowships	June	1
ADAMHA, Institutional Training Grants, NRSA	June	1
ADAMHA, Research Scientist Development/Research Scientist Award	June	1
ADAMHA, Research Grants, New	July	1
NIAAA/NIDA/NIMH, Individual NRSA	June	1
NIAAA/NIDA/NIMH, Institutional NRSA Training	June	1
NIAAA/NIDA/NIMH, ADAMHA Prevention Research New Investigator Award	July	1
NIDA, Marijuana Research Grants Program	July	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Unsolicited Proposals, Health Services Research and Development Grants	July	1
Conference Grants (Preliminary submission required prior to formal application)	Open	

CENTER FOR DISEASE CONTROL

Project Grants for Venereal Disease Research, Demonstrations, and Public Information and Education, FISCAL YEAR '83	July	1
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FOOD AND DRUG ADMINISTRATION

Research Grants, Renewals	June	1
Research Grants, New	July	1

DEPARTMENT OF EDUCATION

Rehabilitative Services, Long-Term Training Applications (New)	May	9
Experimental and Innovative Training Projects (Continuations)	May	9
Regional Education for Handicapped Persons; Regional Centers for Deaf Persons	May	16
Business and International Education Programs	June	3
Expanding Parental Choice in Education; Improving Teacher Quality Through Incentives: Strengthening Local School Boards; and Unsolicited Grant Applications (NOTE: Applications will be received and reviewed between May 30 and August 1)	August	1

NATIONAL INSTITUTE OF EDUCATION

Research Grants on Law and Government Studies in Education: Final Application (Preapplication was required 3/15)	May	9
Small Grants	Jan 4	1984
Unsolicited Proposals	Feb 3	1984

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Nursing Research Emphasis Grants for Doctoral Programs in Nursing	July	1
Advanced Nurse Training Program	July	1

HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants	November	7
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OFFICE OF HUMAN DEVELOPMENT SERVICES

Child Welfare Services Training Grants	May	23
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NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

U.S.-Japan Cooperative Science. Joint seminars (NSF 81-58). Contact Dr. Charles Wallace (202) 357-9537	June	1
U.S.-Federal Republic of Germany Cooperative Science. Semi-annual deadline for proposals for joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Switzerland Cooperative Science. Semiannual deadline for proposals for joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Republic of Korea Cooperative Science (U.S.-East Asia Cooperative Science Programs, NSF 81-30; Grants for Scientific and Engineering Research, NSF 81-79). Contact Dr. Gerald A. Edwards (202) 357-9537	July	1
Oceanographic Facilities Support. Ship Technicians (NSF 81-23), Ship Operations Support (NSF 81-18), Oceanographic Instrumentation (NSF 81-25), Shipboard Scientific Support Equipment (NSF 81-26). Contact Mr. Ronald La Count (202) 357-7837	July	1
Materials Research Laboratory (for new or renewal proposals). Contact Dr. Robert Stokes (202) 357-9791	July	15
Ethics and Values in Science and Technology (jointly sponsored by NSF and NEH). Contact Dr. Rachelle Hollander (202) 357-9569	August	1
Information Science and Technology. Special research initiation awards for new investigators (NSF 81-34 and NSF 81-69). Contact Dr. Edward Weiss (202) 357-9572	August	3
Nuclear Science. Conferences, workshops, etc. DOE/NSF review by Division of Nuclear Physics of the American Physical Society. Contact Dr. Harvey B. Willard (202) 357-7993	September	1
Elementary Particle Physics. Conferences, workshops, etc. DOE/NSF Review by Division of Particles and Fields of the American Physical Society. Contact Dr. David Berley (202) 357-9575	September	1
U.S.-India Exchange of Scientists (NSF 80-53). Contact Mr. Eugene Pronko (202) 357-9550	September	15
U.S.-Australia Cooperative Science (NSF 81-49, rev. 1/82). Seminar, cooperative research exchange, and no cost proposals with requested effective dates falling between July 1 and December 1, 1984. Contact Mr. Alan Milsap (202) 357-9558	October	1

U.S.-New Zealand Cooperative Science (NSF 81-50). For projects with requested effective dates falling between July 1 and December 31, 1984. Contact Mr. Alan Milsap (202) 357-9558	October	1
U.S.-France Cooperative Science. Long-term visits to France under the exchange of scientists activity. Contact Dr. Stephen Mosier (202) 357-7554	October	1
U.S.-Italy Cooperative Science. Cooperative research projects, joint seminars, and long-term research visits. Contact Ms. Marilyn Rurak (202) 357-7554	October	1

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Innovation Processes Research (NSF 81-84). Contact Dr. Louis Tornatzky, Dr. J. D. Eveland, or Dr. W. A. Hetzner (202) 357-9804, Dr. E. C. Johnson, (202) 357-7875	June	1
Alternative Biological Resources. Contact Dr. H. Huang (202) 375-9782	June	1
Metabolic Biology. Contact Dr. Elijah Romanoff (202) 357-7987	June	1
U.S. Antarctic Research. For fiscal year 1984 support. Obtain brochure and proposal preparation kit from Division of Polar Programs before submitting proposal. Contact Mr. Guy Guthridge (202) 357-7817	June	1
Ocean Sciences Research. Contact Dr. Robert Wall (202) 357-7912	June	15
Systematic Biology. Contact Dr. Wallace LaBerge, (202) 357-9588	June	15
Population Biology and Physiological Ecology. Contact Dr. John Brooks (202) 357-9728	June	15
Ecology. Contact Dr. Gary Barrett (202) 357-9734	June	15
Biochemistry. Contact Dr. Huber Warner (202) 357-7945	July	1
Biophysics. Contact Dr. Arthur Kowalsky (202) 357-7777	July	1
Cell Biology. Contact Dr. John Cook (202) 357-7474	July	1
Cell Physiology. Contact the Division of Physiology, Cellular, and Molecular Biology (202) 357-7377	July	1
Developmental Biology. Contact Dr. Susan Bryant (202) 357-7989	July	1
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	July	1
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	July	1
Climate Dynamics. Contact Dr. Kenneth Bergman (202) 357-9892	August	1
Arctic Research. For fiscal year 1984 support. Brochure is available from Division of Polar Programs. Contact Mr. Guy Guthridge (202) 357-7817	September	1
Earth Sciences: Stratigraphy and Paleontology; Environmental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	September	1
Science in Developing Countries Program (NSF 81-51). Contact Dr. Gordon Heibert (202) 357-7393	September	1

U.S.-East Asia Cooperative Science (NSF 81-30). Contact Dr. Gerald A. Edwards or Dr. Gordon Heibert (202) 357-9558	September	1
Ocean Sciences Instrumentation Development. Contact Mr. H. Lawrence Clark (202) 357-7837	September	1
Economics. Contact Dr. Daniel Newlon, Dr. James Blackman, or Dr. Lynn Pollnow (202) 357-9675	September	1
Geography and Regional Science. Contact Dr. James Blackman (202) 357-7326	September	1
Measurement Methods and Data Resources. Contact Dr. Murray Aborn or Dr. Sara Nerlove (202) 357-7913	September	1
Sociology. Contact Dr. Joanne Miller (202) 357-7802	September	1
History and Philosophy of Science. Contact Dr. Ronald Overmann (202) 357-9677	September	1
Political Science. Contact Dr. William Mishler (202) 357-9406	September	1
Law and Social Sciences. Contact Dr. Felice Levine (202) 357-9567	September	1
Decision and Management Science. Contact Dr. Trudi Miller (202) 357-7569	September	1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg (202) 357-7417	September	1
Biological Instrumentation. Contact the Division of Physiology, Cellular and Molecular Biology (202) 357-7652	September	30
Innovation Processes Research (NSF 81-84). Contact Dr. Louis Tornatzky, Dr. J. D. Eveland, Dr. W. A. Hetzner (202) 357-9804; Dr. E. C. Johnson (202) 357-7875	October	1

NATIONAL ENDOWMENT FOR THE HUMANITIES

Division of Education Programs		
Humanities Instruction in Elementary and Secondary Schools		
Collaborative Projects	June	15
Exemplary Projects in Undergraduate and Graduate Education		
Major Projects	July	1
Teaching Materials from Recent Research	June	1
Division of Fellowships and Seminars		
Fellowships for Independent Study and Research	June	1
Fellowships for College Teachers	June	1
Summer Seminars for College Teachers		
Directors: 1984 Seminars	July	1
Division of General Programs		
Humanistic Projects in Media	July	25
Special Projects		
Program Development	August	1
Division of Research Programs		
General Research Program		
Research Conferences	September	15
Humanities, Science and Technology		
Joint NEH-NSF Program	August	1
Research Materials Program		
Translations	July	1
Research Resources Program	June	1

Office of Challenge Grants Challenge Grants	June	1
Office of Planning and Policy Assessment Planning and Assessment Studies	August	1

NONFEDERAL

THE ORA CONTACT NUMBER FOR NONFEDERAL DEADLINE/PROGRAM INFORMATION IS 373-1970.

American Chemical Society - Petroleum Research Fund Grants-in-Aid	No Deadline	
American Heart Association Grants-in-Aid	October	1
Medical Student Research Fellowship	July	1
Established Investigatorships	July	1
Clinician-Scientist	July	1
American Institute of Indian Studies Senior Research Fellowship	July	1
Faculty Training Fellowship	July	1
Postdoctoral Study Tour Award	July	1
Library Service Fellowship	July	1
Professional Development Fellowship	July	1
Junior Fellowship	July	1
Translation Project	July	1
American Philosophical Society Grants-in-Aid	Various--Contact ORA	
Bedding Plants Foundation	May	1
Center for Field Research (Earthwatch) Latin America Field Research Grants	No Deadline	
Cystic Fibrosis Clinical Fellowship	October	1
Damon Runyon-Walter Winchell Cancer Fund Human Cancer-Directed Fellowship	August	15
Fellowship Grant	August	15
Deafness Research Foundation	July	15
Engineering Foundation Pre-proposals	No Deadline	
Epilepsy Foundation of America Research Grant	September	1
Clinical Epilepsy Research Fellowship	September	1
Gas Research Foundation Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline	
Juvenile Diabetes Foundation Career Development Awards (must request application in July)	October	1
Postdoctoral Fellowships (must request application in July)	October	1
Kellogg Foundation Expanding Opportunities for Adult Continuing Education	Continuous	
Health Promotion and Disease Prevention Programs	Continuous	
Coordinated, Cost-Effective Health Service Programs	Continuous	
Improving Human Well Being through Productive Agriculture	Continuous	
Fostering Leadership Capacity	Continuous	

Leukemia Society of America		
Scholar Program		September 1
Special Fellow Program		September 1
Fellow Program		September 1
March of Dimes		
Social and Behavioral Science (abstract due May 1)		September 1
Basic		October 1
Basil O'Connor Starter Research Grants		Continuous
Reproductive Hazards in the Workplace (abstracts only)		May 2
Clinical		August 1
Minnesota Humanities Commission		
General Grants (Over \$500): Draft Applications		July 29
		October 21
General Grants (Over \$500): Final Applications		May 13
		August 19
		November 11
Small Grants (Under \$500)		
Final Applications due 6 weeks prior to start date		No Deadline
Media Grants: Application Review (including a		
10-minute sample of technical personnel's work)		July 15
Media Grants: Final Applications		May 13
		August 19
		November 11
Minnesota Medical Foundation		June 30
		September 30
		No Deadline
Charles Stewart Mott Foundation (Letter of inquiry)		
Muscular Dystrophy Association		
Grants-in-Aid		
Preliminary Application for 1/1/84 start date		
(brief letter)		May 31
Final Application		June 30
National Geographic Society		
Grants-in-Aid		No Deadline
National Multiple Sclerosis Society		
Research Grants		August 1
Technicon Instruments Corporation		
Grants for Research in Biomedical and Industrial		
Instrumentation		
Pre-proposals		No Deadline
University Genetics Company (UGEN)		No Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

ORA RDC Newsletter

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JUNE 1983

VOLUME XII/NO. 12

DIRECTOR RETURNS TO ORA

Mr. Tony Potami has concluded his special assignment in the Office of the Vice President for Finance and Operations and has returned to ORA. It is requested that applications for sponsored support continue to reflect Mr. Merlin Garlid, Assistant Director, as the official signing for the applicant organization. In addition to resuming his previous duties, Mr. Potami will assume responsibility for the Office of Patent Administration until further notice.

REORGANIZATION OF THE OFFICE OF PATENTS AND TECHNOLOGY TRANSFER

The University of Minnesota is reorganizing its Technology Transfer program and offers several challenging positions for professionals interested in contributing to the institution's commitment to expand and improve its patent, licensing and industrial liaison functions.

Associate Director: This position will be responsible for the overall supervision of the unit with specific emphasis in promoting invention and patent awareness to faculty, review of invention disclosures, filing of U.S. and foreign patents, negotiation with potential licensees, and negotiation and administration of industrial contracts. Desirable background includes experience in research administration, patent administration, or licensing in a corporate or university setting. Extensive licensing experience will be an important selection criteria for this position. Minimum requirements include a bachelor's degree, preferably in sciences or engineering, and five to seven years experience in research, research administration, patent administration, or licensing.

Assistant Directors: Two positions will ultimately be filled to provide assistance to the Associate Director in the responsibility areas mentioned above. Specific responsibilities and assignment to assist colleges and departments will be arranged depending upon the educational background and experience of the successful applicants. A bachelor's degree, preferably in science or engineering, three to five years experience in research administration, patent administration, or licensing will be required.

Administrative Assistant: This position will be responsible for assisting the Associate Director but will assume the primary responsibility for negotiating and administering all industrial contracts, grants, and agreements. A bachelor's degree with three to five years experience in negotiating, drafting, and administering contractual agreements is essential. Some basic knowledge and

understanding of patent administration, particularly as it relates to contractual agreements, is necessary.

We seek professionals with demonstrated competence in these areas, skilled in oral and written presentations, action oriented, and the ability to work closely with academic staff and corporate representatives.

Send resume to: Dr. W. G. Shepherd, Chairman
University of Minnesota Search Committee
Rm 547F Administrative Services Center
1919 University Avenue
St. Paul, MN 55104

The closing date for nominations and applications is June 30, 1983.

REVISION AND CHANGE IN DISTRIBUTION OF BA FORM 96--NOTICE OF ASSIGNMENT OF ACCOUNT

The recent establishment of the Account Profile Data Base will result in computer generation of a revised BA Form 96--Notice of Assignment of Account. This form, prepared for all newly established accounts, will now be distributed separately from the Notice of Grant or Contract Award form and Authorization Signature Cards on sponsored accounts. The department's copy will be mailed to the Parent Administrative Unit for distribution to the appropriate staff person administratively responsible for handling the account.

NATIONAL INSTITUTE OF HANDICAPPED RESEARCH, U.S. DEPARTMENT OF EDUCATION, ANNOUNCES AVAILABILITY OF TEN FELLOWSHIPS IN REHABILITATION RESEARCH FOR FY '84

The Institute has established and maintains fellowships to procure the assistance of highly qualified investigators to develop and conduct research activities relevant to rehabilitation. Each fellowship will be awarded for one year beginning September 30, 1983. The stipend amount is determined by the education and experience level of the applicant, with Senior Fellowships at \$30,000 and Junior Fellowships at \$25,000. An allowance of \$1,500 to cover expenses connected with the fellowship, such as travel, tuition, and supplies, is also provided. Any qualified individual whose training and experience indicates potential for engaging in scientific research related to the solution of rehabilitation problems of handicapped people is eligible to apply. Fellows will be required to devote *full-time* to the fellowship activity and may work at any setting which is appropriate to the conduct of the research. The application closing date is July 1, 1983. Materials have been requested by ORA and may be obtained by calling 373-5925.

NIH-LETTERS OF INTENT

The use of letters of intent for certain types of applications for grants or cooperative agreements can be beneficial to both the awarding component and the applicant investigator/institution. Early interaction between prospective applicants and program staff can be very helpful in preparing complex or highly targeted applications and can often prevent delays resulting from the need to revise unresponsive or otherwise unsatisfactory applications. The letters also provide NIH with an indication of the number and types of applications to be submitted and the institutions that may be involved, facilitating planning for

the review process. In general, letters of intent are most appropriately used for resource, center, and program project applications, and for single RFA solicitations. Applicants are urged to read the appropriate announcements carefully and follow suggestions concerning consultation with NIH staff.

Prospective applicants are reminded that letters of intent are not binding, nor can they ensure favorable review and funding decisions. Letters of intent cannot be used as a preliminary application nor required as a pre-condition for applying for any NIH award. As a general rule, the suggested content of the letter of intent will be limited to a brief description of the thrust of the envisioned research activity and the identity and basic qualifications of the key investigators. If specific eligibility requirements are spelled out in the announcement, prospective applicants may be asked to address these points in a letter of intent.

NIH ISSUES NOTICE URGING CONSERVATION OF PHS 398 FORMS

Each year the National Institutes of Health distributes about 100,000 PHS 398 grant application kits, but only about 27,000 of these are returned as submitted applications. In order to conserve forms and reduce printing and mailing costs, NIH has issued the following guidelines for investigators: (1) Extra PHS 398 grant application kits should not be saved or thrown away, but given to colleagues to use or returned to ORA. (2) Requests for application forms should be directed to ORA, rather than NIH, since ORA has been sent copies of the PHS 398 kits in bulk.

NATIONAL INSTITUTE OF JUSTICE SOLICITATION

The National Institute of Justice announces a competitive solicitation for a cooperative research agreement entitled Development of National Baseline Information on Offender Processing Costs. It is anticipated that approximately \$750,000 will be allocated for a single award with a 21-month study period. Funding recommendations will be made to the Director of the National Institute of Justice by a Peer Review Panel composed of internal staff and outside experts. To be eligible for consideration, proposals must be received by Friday, July 1, 1983. Copies of this solicitation can be obtained by writing the Director, Office of Research and Evaluation Methods, National Institute of Justice, 633 Indiana Avenue NW, Washington, DC 20531 or by calling the Project Manager, Dr. Edwin Zedlewski, at (202) 724-8265.

DOD-OFFICE OF NAVAL RESEARCH (ONR)-CHEMISTRY RESEARCH

The objective of the ONR's Chemistry Research Program is to support basic and applied research which will serve to provide a fundamental basis for advanced research in the areas of chemistry and chemical analysis deemed important by the Navy. Disciplines supported include: Chemical Analysis, Chemical Materials Studies, Electrochemistry, Organic Chemistry, Physical Chemistry and Surface Chemistry. Research emphasis for the upcoming years will be on materials with unusual properties and the preparation and characterization of inorganic and organic polymers displaying properties such as high environmental stability or electroactivity. For further program information, contact Dr. George A. Neece, Chemistry Division Leader, ONR, Code 413, 800 N. Quincy, Arlington, VA 22217.

DOD-OFFICE OF NAVAL RESEARCH (ONR)-ELECTRONICS RESEARCH

The Electronics Division of ONR supports research with emphasis placed on understanding the basic underlying mechanisms and phenomena and on the potential for opening new areas and opportunities for scientific and technical advances. Disciplines supported include: Communication Theory, Electrical Engineering, Electromagnetics, Electronic System Theory, Electronics, Physical Electronics, and Solid State Physics. Within the program in electronic and solid state sciences, research and exploratory development efforts are conducted in electronic materials, solid state components, radiation effects in solids, superconductivity and high speed microwave and digital electronic devices and circuits. These efforts in coming years will emphasize the generation, propagation, scattering and detection of electromagnetic radiation, communication, circuit and system theory including studies of reliability, performance and efficiency and advancement of high frequency microwave and digital electronic materials, devices and circuits. For further program information, contact Dr. George Wright, Acting Division Leader, Electronics Division, ONR, Code 414, 800 N. Quincy, Arlington, VA 22217.

DOD-OFFICE OF NAVAL RESEARCH (ONR)-TECHNOLOGY PROJECTS OFFICES

The Technology Projects Offices are intended to support the development of new forms of technology which are of particular interest to the Navy in meeting their objectives. The focus is on supporting emerging technology from basic research and the transition to more advanced development. Disciplines supported include: Aerodynamics, Aerospace Sciences, Aviation, Communications, Computer Sciences, Electromagnetics, Electronics, Oceanography, Physiology, Sociology, and Strategic Studies. Further program information may be obtained by contacting the following individuals in each of the program's seven different offices. All have the same street address, but specific mailing codes: Office of Naval Research, (Appropriate Mailing Code), 800 N. Quincy, Arlington, VA 22217.

Manpower, Personnel and Training	CDR Patrick M. Curran	(Code 270)
Electronics and Electromagnetics	Mr. David Siegel	(Code 250)
Aviation and Aerospace	Capt. Marshall A. Howard	(Code 210)
Communications and Computers	Mr. Joel Trimble	(Code 240)
Undersea Technology	Capt. Arthur H. Gilmore	(Code 220)
Tactical Development	Mr. Richard Hagelhout	(Code 230)
Materials	Mr. David Siegel	(Code 260)

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, *agency* deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

THE ORA CONTACT NUMBERS FOR FEDERAL DEADLINE/PROGRAM INFORMATION ARE AS FOLLOWS:

DEPARTMENT OF HEALTH AND HUMAN SERVICES	373-5925
DEPARTMENT OF EDUCATION	373-5925
OTHER FEDERAL AGENCIES	373-2771

NATIONAL INSTITUTES OF HEALTH

DRR, Small Grants for Pilot Projects, Biotechnology Resources Program	October	1
Fogarty International Center, Biomedical Research Fellowship Opportunities Abroad	October	1
Fogarty International Center, Eastern European Scientist Exchange Program	Open	
NCI, Cancer Control Science Program (Letter of intent by 3/15)	Canceled	
NCI, Use of Growth Factors, Maturation Factors and Anti-Growth Factors in Animal Tumor Models-Biological Response Modifiers Research	July	1
NCI, Immunohistochemical Classification of Solid Tumors	July	1
NCI, Development of Myeloma or Human B Cell Lines Suitable for Somatic Cell Hybridization to Produce Human Monoclonal Antibodies	July	1
NCI, Development of Genetically Engineered Cell Products-Biological Response Modifiers Research	July	1
NCI, Use of Tumor Associated Antigens As Immunogens-Biological Response Modifiers Research	July	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines-Biological Response Modifiers Research	July	1
NCI, Oncogene Products in Irradiated Cells and Tissue	July	1
NCI, Specific Radiation-Induced Chromosomal Abnormalities and Cancer	July	1
NCI, Smokeless Tobacco and Non-Tobacco Smoking Product Use: Identification of Initiation Mechanisms in Children and Adolescents (Letter of intent recommended prior to submission)	July	1
NCI, Tobacco and the Blue Collar Worker (Letter of intent recommended prior to submission)	July	1
NCI, Non-Invasive Approach for Detection of Lung Cancer	July	1
NCI, Specific Immunoassays for Cancer Associated Isoenzymes	July	1
NCI, NIH-NCI-DCCP-82-18, Hepatitis B Virus and Primary Hepatocellular Carcinoma: Biological Investigations of Virus-Host Interactions and Mechanisms of Causation of Human Cancer	July	15
NCI, NIH-NCI-DRCCA-OSP-83-2, Administrative Coordinating Center for the Organ Systems Program (Letter of intent recommended by 4/29)	July	15
NCI, Clinical Cancer Education Program	October	1
NCI, The NCI Clinical Investigator Award	October	1
NCI, RFA: NIH-NCI-DRCCA-82-17, Patterns of Care for Elderly Cancer Patients: Implications for Cancer Control (Letter of intent recommended by 9/15)	December	6
NHLBI, New Investigator Award-Research Grant	July	1
NHLBI, School Health Promotion and Cardiovascular Health of Children and Adults	July	1

NHLBI, RFA: NIH-NHLBI-DHVD-83G-J, Specialized Centers of Research in Ischemic Heart Disease (IHD-SCORs) (Letter of intent recommended by 4/4)	July	18
NHLBI, Minority Hypertension Research Development Summer Program (Letter of intent by 5/15)	September	15
NHLBI, Clinical Investigator Award	September	15
NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of intent recommended 30 days prior to established receipt deadline)		
Research Grants	July	1
NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of intent recommended 30 days prior to established receipt deadline)		
Individual Postdoctoral Fellowships	October	1
Institutional Training Programs	October	1
Clinical Investigator Awards	October	1
Senior Fellowships	October	1
NIA Small Grant Awards for Pilot Projects	October	1
NIA Program Project Research Grants	October	1
NIADDK, Research on Benign Prostatic Hyperplasia	July	1
NIADDK/NIAID/NICHD, NIH-NIADDK-DEMD-83D-1, Immuno-pathogenic Mechanisms Involved in the Development of Insulin-Dependent Diabetes Mellitus (IDDM) (Letter of intent recommended by June 15, 1983)	July	15
NIADDK, Clinical Investigator Award	October	1
NIAID, RFA-NIH-NIAID-83-1, Asthma and Allergic Disease Centers and Asthma and Allergic Disease Centers for Immunodermatologic Studies	October	15
NIAID, RFA-NIH-NIAID-83-2, Program Projects in Mechanism of Immunologic Diseases (Letter of intent encouraged)	October	15
NIDR, Long-Term Effects of Craniofacial Injuries	July	1
NIEHS, The NIEHS Clinical Investigator Award	October	1
NIH, Research Grants, New	July	1
NIH, New Investigator Awards	July	1
NIH, Research Grants, Renewals	October	1
NIH, Research Career Development Awards	October	1
NIH, Individual Postdoctoral Fellowships	October	1
NIH, Institutional Training Programs	October	1
NIH, Support of Meetings (Scientific, U.S.A. or International)	October	1
NINCDS, Research Grants on Small Animal Models for Screening Antiepileptic Drugs	July	1
NINCDS, Research Grants on Hormones and Epilepsy	July	1
NLM, Health Computer Sciences Research Training (Letter of intent recommended before submission of proposal)	August	1

NIH ANNUAL DEADLINES

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <i>for each</i> : School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1
NHLBI, Preventive Cardiology Academic Award	April	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1

NIA, Academic Award	July	1
NIADDK/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIGMS, NIGMS Shared Instrumentation Grants	February	15
NIH, NRSA for Short-Term Training of Students in Health Professional Schools	May	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, New	July	1
ADAMHA, Research Grants, Renewals	October	1
ADAMHA, Individual Postdoctoral Fellowships	October	1
ADAMHA, Institutional Training Grants, NRSA	October	1
ADAMHA, Research Scientist Development/Research Scientist Award	October	1
NIAAA/NIDA/NIMH, ADAMHA Prevention Research New Investigator Award	July	1
NIAAA/NIDA/NIMH, Individual NRSA	October	1
NIAAA/NIDA/NIMH, Institutional NRSA Training	October	1
NIDA, Marijuana Research Grants Program	July	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Unsolicited Proposals, Health Services Research and Development Grants	July	1
Conference Grants (Preliminary submission required prior to formal application)	Open	

CENTER FOR DISEASE CONTROL

Project Grants for Venereal Disease Research, Demonstrations, and Public Information and Education, FISCAL YEAR '83	July	1
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FOOD AND DRUG ADMINISTRATION

Research Grants, New	July	1
Research Grants, Renewals	October	1

DEPARTMENT OF EDUCATION

NIHR, Research and Training Centers	June	30
NIHR, Fellowship in Rehabilitation Research for FY 1984	July	1
Expanding Parental Choice in Education; Improving Teacher Quality Through Incentives: Strengthening Local School Boards; and Unsolicited Grant Applications (NOTE: Applications will be received and reviewed between May 30 and August 1)	August	1

NATIONAL INSTITUTE OF EDUCATION

Research Grants on Law and Government Studies in Education: Final Application (Preapplication required 1/4/84)	March 2	1984
Small Grants	Jan 4	1984
Unsolicited Proposals	Feb 3	1984

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Nursing Research Emphasis Grants for Doctoral Programs in Nursing	July	1
Advanced Nurse Training Program	July	1

HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants	November	7
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SOCIAL SECURITY ADMINISTRATION-OFFICE OF REFUGEE RESETTLEMENT

Refugee Health Professional/Paraprofessional Retraining Projects	July	5
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NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

U.S.-Republic of Korea Cooperative Science (U.S.-East Asia Cooperative Science Programs, NSF 81-30; Grants for Scientific and Engineering Research, NSF 81-79). Contact Dr. Gerald A. Edwards (202) 357-9537	July	1
Oceanographic Facilities Support. Ship Technicians (NSF 81-23), Ship Operations Support (NSF 81-18), Oceanographic Instrumentation (NSF 81-25), Shipboard Scientific Support Equipment (NSF 81-26). Contact Mr. Ronald La Count (202) 357-7837	July	1
Materials Research Laboratory (for new or renewal proposals). Contact Dr. Robert Stokes (202) 357-9791	July	15
Ethics and Values in Science and Technology (jointly sponsored by NSF and NEH). Contact Dr. Rachelle Hollander (202) 357-9569	August	1
Information Science and Technology. Special research initiation awards for new investigators (NSF 81-34 and NSF 81-69). Contact Dr. Edward Weiss (202) 357-9572	August	3
Nuclear Science. Conferences, workshops, etc. DOE/NSF review by Division of Nuclear Physics of the American Physical Society. Contact Dr. Harvey B. Willard (202) 357-7993	September	1
Elementary Particle Physics. Conferences, workshops, etc. DOE/NSF Review by Division of Particles and Fields of the American Physical Society. Contact Dr. David Berley (202) 357-9575	September	1
U.S.-India Exchange of Scientists (NSF 80-53). Contact Mr. Eugene Pronko (202) 357-9550	September	15

U.S.-Australia Cooperative Science (NSF 81-49, rev. 1/82). Seminar, cooperative research exchange, and no cost proposals with requested effective dates falling between July 1 and December 1, 1984. Contact Mr. Alan Milsap (202) 357-9558	October	1
U.S.-New Zealand Cooperative Science (NSF 81-50). For projects with requested effective dates falling between July 1 and December 31, 1984. Contact Mr. Alan Milsap (202) 357-9558	October	1
U.S.-France Cooperative Science. Long-term visits to France under the exchange of scientists activity. Contact Dr. Stephen Mosier (202) 357-7554	October	1
U.S.-Italy Cooperative Science. Cooperative research projects, joint seminars, and long-term research visits. Contact Ms. Marilyn Rurak (202) 357-7554	October	1

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Biochemistry. Contact Dr. Huber Warner (202) 357-7945	July	1
Biophysics. Contact Dr. Arthur Kowalsky (202) 357-7777	July	1
Cell Biology. Contact Dr. John Cook (202) 357-7474	July	1
Cell Physiology. Contact the Division of Physiology, Cellular, and Molecular Biology (202) 357-7377	July	1
Developmental Biology. Contact Dr. Susan Bryant (202) 357-7989	July	1
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	July	1
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	July	1
Climate Dynamics. Contact Dr. Kenneth Bergman (202) 357-9892	August	1
Arctic Research. For fiscal year 1984 support. Brochure is available from Division of Polar Programs. Contact Mr. Guy Guthridge (202) 357-7817	September	1
Earth Sciences: Stratigraphy and Paleontology; Environmental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	September	1
Science in Developing Countries Program (NSF 81-51). Contact Dr. Gordon Heibert (202) 357-7393	September	1
U.S.-East Asia Cooperative Science (NSF 81-30). Contact Dr. Gerald A. Edwards or Dr. Gordon Heibert (202) 357-9558	September	1
Ocean Sciences Instrumentation Development. Contact Mr. H. Lawrence Clark (202) 357-7837	September	1
Economics. Contact Dr. Daniel Newlon, Dr. James Blackman, or Dr. Lynn Pollnow (202) 357-9675	September	1
Geography and Regional Science. Contact Dr. James Blackman (202) 357-7326	September	1
Measurement Methods and Data Resources. Contact Dr. Murray Aborn or Dr. Sara Nerlove (202) 357-7913	September	1
Sociology. Contact Dr. Joanne Miller (202) 357-7802	September	1
History and Philosophy of Science. Contact Dr. Ronald Overmann (202) 357-9677	September	1

Political Science. Contact Dr. William Mishler (202) 357-9406	September 1
Law and Social Sciences. Contact Dr. Felice Levine (202) 357-9567	September 1
Decision and Management Science. Contact Dr. Trudi Miller (202) 357-7569	September 1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg (202) 357-7417	September 1
Biological Instrumentation. Contact the Division of Physiology, Cellular and Molecular Biology (202) 357-7652	September 30
Innovation Processes Research (NSF 81-84). Contact Dr. Louis Tornatzky, Dr. J. D. Eveland, Dr. W. A. Hetzner (202) 357-9804; Dr. E. C. Johnson (202) 357-7875	October 1

*NSF Proposals may be submitted for the following programs at any time of the year. It takes approximately six to nine months to process a proposal. Brochures indicated in parentheses may be ordered.

Anthropology. Contact Dr. John Yellen (202) 357-7804	*
Linguistics. Contact Dr. Paul Chapin (202) 357-7696	*
Memory and Cognitive Processes. Contact Dr. Joseph Young (202) 357-9898	*
Neurobiology. Contact Dr. Steven E. Kornguth (202) 357-7471	*
Psychobiology. Contact Dr. Fred Stollnitz (202) 357-7949	*
Sensory Physiology and Perception. Contact Dr. Terrence Dolan (202) 357-7428	*
Social and Developmental Psychology. Contact Dr. Richard Louttit (202) 357-9485	*
Biological Research Resources. Contact Dr. James Tyler (202) 357-7475	*
Doctoral Dissertation Research Contact Dr. James Edwards (202) 357-9588	*
Ecosystem Studies. Contact Dr. W. Franklin Harris (202) 357-9596	*
Science in Developing Countries. Contact Dr. Gordon Hiebert (202) 357-9537	*
U.S.-China Cooperative Science. Contact Dr. Pierre Perrolle or Mr. Alexander DeAngelis, Division of International Programs (202) 357-7393	*
U.S.-East Asia Cooperative Science (NSF 81-30). For projects with Indonesia, Malaysia, Thailand, and Singapore, contact Dr. Gordon Hiebert (202) 357-9537; for projects with the Philippines, contact Dr. Gerald A. Edwards (202) 357-9537	*
U.S.-New Zealand Cooperative Science. Contact Mr. Alan Milsap (202) 357-9558	*
U.S.-Eastern Europe Cooperative Science (NSF 81-27). Contact Miss Deborah Wince (202) 357-9516	*
Industry/University Cooperative Research Projects (NSF 80-31). Contact Dr. Frederick Betz (202) 357-7785 or Mr. Alex Schwarzkopf (202) 357-7527	*
Industry/University Cooperative Research Centers. Contact Mr. Robert Colton or Mr. Alex Schwarzkopf (202) 357-7527	*

Policy Research and Analysis (NSF 81-82). Contact Ms. Agnes Rhodes (202) 357-9689		*
Research in Information Science and Technology (NSF 81-34). Contact the Division of Information Science and Technology (202) 357-9572		*
Special Research Initiation Awards for New Investigators in Information Science and Technology (NSF 81-69). Contact the Division of Information Science and Technology (202) 357-9572		*
U.S.-Scandinavia and the Netherlands Cooperative Science. Contact (202) 357-7554		*

NATIONAL ENDOWMENT FOR THE HUMANITIES

Division of Education Programs		
Exemplary Projects in Undergraduate and Graduate Education		
Major Projects	July	1
Division of Fellowships and Seminars		
Summer Seminars for College Teachers		
Directors: 1984 Seminars	July	1
Division of General Programs		
Humanistic Projects in Media	July	25
Special Projects		
Program Development	August	1
Division of Research Programs		
General Research Program		
Research Conferences	September	15
Humanities, Science and Technology		
Joint NEH-NSF Program	August	1
Research Materials Program		
Translations	July	1
Office of Planning and Policy Assessment		
Planning and Assessment Studies	August	1

NONFEDERAL

THE ORA CONTACT NUMBER FOR NONFEDERAL DEADLINE/PROGRAM INFORMATION IS 373-1970.

American Chemical Society - Petroleum Research Fund		
Grants-in-Aid	No	Deadline
American Heart Association		
Grants-in-Aid	October	1
Medical Student Research Fellowship	July	1
Established Investigatorships	July	1
Clinician-Scientist	July	1
American Institute of Indian Studies		
Senior Research Fellowship	July	1
Faculty Training Fellowship	July	1
Postdoctoral Study Tour Award	July	1
Library Service Fellowship	July	1
Professional Development Fellowship	July	1
Junior Fellowship	July	1
Translation Project	July	1

American Philosophical Society		
Grants-in-Aid		Various--Contact ORA
Center for Field Research (Earthwatch)		
Latin America Field Research Grants		No Deadline
Cystic Fibrosis		
Clinical Fellowship		October 1
Damon Runyon-Walter Winchell Cancer Fund		
Human Cancer-Directed Fellowship		August 15
Fellowship Grant		August 15
Deafness Research Foundation		July 15
Engineering Foundation		
Pre-proposals		No Deadline
Epilepsy Foundation of America		
Research Grant		September 1
Clinical Epilepsy Research Fellowship		September 1
Francis, Parker B., Foundation		
Program for Fellowships in Pulmonary Research		September 15
Gas Research Foundation		
Telephone contact or letter of inquiry prior to submission of formal proposal		No Deadline
Juvenile Diabetes Foundation		
Career Development Awards (must request application in July)		October 1
Postdoctoral Fellowships (must request application in July)		October 1
Kellogg Foundation		
Expanding Opportunities for Adult Continuing Education		Continuous
Health Promotion and Disease Prevention Programs		Continuous
Coordinated, Cost-Effective Health Service Programs		Continuous
Improving Human Well Being through Productive Agriculture		Continuous
Fostering Leadership Capacity		Continuous
Leukemia Society of America		
Scholar Program		September 1
Special Fellow Program		September 1
Fellow Program		September 1
March of Dimes		
Social and Behavioral Science (abstract due May 1)		September 1
Basic		October 1
Basil O'Connor Starter Research Grants		Continuous
Clinical		August 1
Minnesota Humanities Commission		
General Grants (Over \$500): Draft Applications		July 29
		October 21
General Grants (Over \$500): Final Applications		August 19
		November 11
Small Grants (Under \$500)		
Final Applications due 6 weeks prior to start date		No Deadline
Media Grants: Application Review (including a 10-minute sample of technical personnel's work)		July 15
Media Grants: Final Applications		August 19
		November 11
Minnesota Medical Foundation		June 30
		September 30
Charles Stewart Mott Foundation (Letter of inquiry)		No Deadline
Muscular Dystrophy Association		
Grants-in-Aid		
Final Application		June 30

National Geographic Society Grants-in-Aid	No Deadline
National Multiple Sclerosis Society Research Grants	August 1
Pharmaceutical Manufacturers Association Foundation Postmarketing Monitoring Methodology Grant Program	September 1
Research Starter Grant in Clinical Pharmacology Drug Toxicology	September 1
Faculty Development Award in Pharmacology	September 15
Fellowships for Advanced Predoctoral Training in Pharmacology or Toxicology	September 15
Fellowships for Careers in Clinical Pharmacology	October 1
Faculty Development Award in Clinical Pharmacology	October 1
Technicon Instruments Corporation Grants for Research in Biomedical and Industrial Instrumentation	
Pre-proposals	No Deadline
University Genetics Company (UGEN)	No Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

Office of Research Administration
Administrative Services Center, 5th Floor
1919 University Avenue
University of Minnesota
St. Paul, Minnesota 55104

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JULY 1983

VOLUME XIII/NO. 1

BUDGETING FOR FRINGE BENEFITS

Over the past year there have been large fluctuations in costs and the salary basis associated with several of the components of the fringe benefit rate. Furthermore, certain assumptions relating to cost and salary increases that held true in the past are no longer valid. Because of this, it has become difficult to accurately predict what the fringe benefit rates will be in future periods. It seems then that an even more conservative approach for budgeting for fringe benefits is in order. Therefore, until revised, when budgeting for fringe benefits, use 26% for academic and 23% for civil service. It should be emphasized that these rates are strictly for budgeting and that actual rates for charging purposes will be different from the budgeted rates. The intention is that the actual will not be more than the budgeted rates.

REVISION OF BA FORM 23

ORA has revised its BA Form 23, "Application for External Research or Training Support." The revised form should be available from the General Storehouse by July 1. Departments may continue to use the old form until present supplies are exhausted. *However, the changes indicated below must be incorporated when using the old form.* If the Research Project Distribution is not provided, it will be necessary for ORA to contact the Principal Investigator for this information.

CHARACTER LIMITATIONS. Since the form provides preliminary information used as the basis for creating the Account Profile Data Base, it is necessary to limit the *Application Title* to 60 characters and the *Principal Investigator's name* to 25 characters. Also, in anticipation of having textual information included on ORA's data base, the *Brief Statement of Purpose of Project* should be limited to ten 80-character lines.

RESEARCH PROJECT DISTRIBUTION. On proposed projects for research, a distribution is requested which designates the percentage of the project devoted to *basic research*, *applied research*, or *development* efforts. This information will be used to respond to NSF's annual surveys of federal funds for research and development. The following definitions, as provided by NSF, should be used in determining the percentage distribution:

Basic Research is systematic study directed toward gaining fuller scientific knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific applications toward processes or products in mind.

Applied Research is systematic study directed toward gaining fuller scientific knowledge or understanding necessary for determining the means by which a recognized and specific need may be met.

Development is systematic use of the knowledge or understanding gained from research, directed toward the production of useful materials, including design and development of prototypes and processes.

NSF'S DELEGATION OF GRANT ADMINISTRATION TO THE UNIVERSITY OF MINNESOTA

ORA has distributed a memorandum dated June 6, 1983, which explains the new federal regulations that recently went into effect giving colleges and universities greater flexibility in the management of research grants from the National Science Foundation. The new regulations give ORA the authority to approve a variety of travel, equipment-purchase, and program spending decisions, including authorization of research expenses occurring up to 90 days before the grant actually begins. The freedom to determine whether separate NSF grants are sufficiently related scientifically to allow transfer of funds among them has also been granted. Certain minimum requirements and the procedures for requesting the necessary approvals from ORA are detailed in the memorandum. Copies may be obtained by calling 373-2784.

1983 EDITION OF NIH EXTRAMURAL PROGRAMS: FUNDING FOR RESEARCH AND RESEARCH TRAINING

The 1983 edition of *NIH Extramural Programs: Funding for Research and Research Training* is now available. Individuals wishing to obtain one or more copies may purchase them for \$5.50 each by writing to: Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. Please specify GPO Stock No. 017-040-00487-7. Checks should be made payable to the Superintendent of Documents.

NATIONAL RESEARCH SERVICE AWARD (NRSA) INSTITUTIONAL TRAINING GRANTS

NIH has issued the following reminder: *PHS policy requires that a Statement of Appointment (PHS Form 2271) be received by the NIH awarding unit before any stipend is paid to a trainee.* The actual practice of the submission of these forms has become irregular. It is incumbent upon us all to keep the system accurate, especially in these stringent budgetary times when research training funds are in unusually short supply. *Your attention is called to the fact that stipends paid from institutional research training grants prior to the submission of an appointment form may be disallowed. The PHS Form 2271 must be submitted to the awarding unit at the start of each trainee's appointment or reappointment.* No stipend or other allowance may be paid until the appointment form has been submitted along with a signed Payback Agreement. It is important to note that the information on the Statement of Appointment and the Termination Notice is the basis for determining the length or amount of an individual's payback requirement. The program director and the institutional financial officials should coordinate the information reported on the Statement of Appointment. It should be treated as a financial document for obligating costs (stipends) which later are reflected as part of the total costs in the Financial Status Report.

DEPARTMENT OF JUSTICE (DOJ)-BUREAU OF JUSTICE STATISTICS

The Bureau of Justice Statistics has announced a "Data Analysis Program" offering financial support for the analysis of Bureau of Justice statistics data on crime, victims, offenders, and criminal justice administration. The program is targeted for small-scale projects that can be completed within six to nine months at a level of approximately \$50,000. A concept paper, postmarked no later than August 1, 1983, is required to make application. The Bureau is particularly interested in concept papers proposing to address any of the following topics through analyses of Bureau data: criminal victimization, career criminals and recidivism, community-based corrections (probation and parole), the deterrent and incapacitative effect of incarceration, plea bargaining, bail reform, court caseload, court delay reduction, and the exclusionary rule. The Bureau is also interested in analyses relevant to methodological improvements in its existing statistical series, and analyses relevant to the development of new statistical series. Copies of the solicitation may be obtained by calling (313) 763-5010, or writing: Ms. Janet Vavra, Criminal Justice Archive and Information Network, ICPSR, P.O. Box 1248, Ann Arbor, MI 48106.

DOD-AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR) PROGRAM OPPORTUNITIES

The AFOSR urges potential investigators to call or write the program office prior to preparing proposals for the following programs. There are no deadlines for the submission of unsolicited proposals.

SPECIAL PROGRAMS: These programs support research of interest to the Air Force in all areas of science and technology which may yield solutions to problems of interest and provide a strong scientific base to provide fundamental knowledge and new ideas essential to future concerns. The AFOSR has established no specific program of study or research objectives for these programs, preferring to rely on innovative investigator initiated proposals. For further information, contact Lt. Col. D. Calvert, AFOSR/XOT, Special Programs Office, Bolling Air Force Base, Washington, DC 20322, (202) 767-4929.

FACULTY RESEARCH PROGRAMS: Two faculty programs enable researchers to spend from 10 weeks to one year at an Air Force Research Facility. Through these programs the Air Force is afforded the opportunity to receive new ideas, while the faculty members are afforded the opportunity to examine and take back to the university community specific and priority Air Force research problems. Support for follow-up research at the researcher's university is also available. Disciplines supported include: Computer Sciences, Fiber Optics, Optical Communication, Ultrasonic Technology, and all Engineering, Physics and Aeronautical disciplines. For further information, contact Lt. Col. D. Calvert, AFOSR Special Programs Office, Bolling Air Force Base, Washington, DC 20322, (202) 767-4929.

COMMUNICATIONS RESEARCH: This research area is concerned with the techniques and devices whereby information is prepared for transmission and subsequently recovered with specified fidelity. The term communications is limited to the transfer of information by electromagnetic means that utilize frequencies ranging from very low to those associated with the visible light spectrum. It includes the means of interfacing with the transmission medium and the transmission characteristics of the medium itself. Disciplines supported include: Communications, Computer Sciences, Electrical Engineering, Electromagnetics, Electronics, Fiber Optics, Optical Communication, and

Ultrasonic Technology. For further information, contact Dr. John A. Neff, Electronics Research Directorate, AFOSR/XOT, Bolling Air Force Base, Washington, DC 20332.

RECONNAISSANCE AND SURVEILLANCE RESEARCH: This area of research emphasizes investigations in sensor science and technology with regard to novel approaches, resolving power, sensitivity, signal to noise ratio and cost effectiveness, and includes advances in data processing and pattern recognition. Disciplines supported include: Communications Technology, Computer Sciences, Electrical Engineering, Electronics, Mathematics, and Radar Analog Studies. For further information, contact Col. Harry V. Winsor, Electronics Research Directorate, AFOSR/XOT, Bolling Air Force Base, Washington, DC 20332, (202) 767-4933.

NAVIGATION, GUIDANCE AND CONTROL RESEARCH: The general objective of this program is to provide highly specialized supporting technologies for navigation, guidance and control functions relevant to the Air Force. Principle research areas include: Nuclear Magnetic Resonance, Laser Gyro, Weapon Delivery Requirements, and Data Processing. Disciplines supported include: Aerodynamics, Computer Sciences, Dynamics, Laser Sciences, Navigational Studies, and Physics. For further information, contact Dr. Barry Feldman, Electronics and Materials Sciences, AFOSR/XOT, Bolling Air Force Base, Washington, DC 20332, (202) 767-4933.

METROPOLITAN LIFE FOUNDATION PROGRAM IN NUTRITION EDUCATION

The Metropolitan Life Foundation has announced a competitive program of awards in Nutrition Education. Proposals from departments responsible for nutrition and health education in regionally accredited four-year colleges and universities will be eligible for consideration for awards. The proposal should contain plans to educate students about the principles of nutrition and the need for managing eating habits and food choices. Grants will be awarded for programs designed for use in elementary schools, secondary schools, or colleges and universities.

ANDREW W. MELLON FACULTY FELLOWSHIPS IN THE HUMANITIES

Harvard University has announced competition for the Andrew W. Mellon Faculty Fellowships in the Humanities for 1984-85. The program is intended to seek out promising humanists in different parts of the United States and to offer them time to develop current research and an opportunity to demonstrate scholarly potential at a critical point in their careers. Applicants must have the Ph.D., received prior to June 30, 1982, and have completed, at the time of appointment, at least two years postdoctoral teaching in the humanities at the college or university level, usually as Assistant Professors. The annual salary will be \$20,000. For details contact Dr. Richard M. Hunt, Program Director, Harvard University Mellon Faculty Fellowships, Lamont Library 202, Cambridge, MA 02138 (617) 495-2519. Deadline: November 1, 1983.

SENIOR FELLOWSHIP PROGRAM OF THE CENTER FOR ADVANCED STUDY IN THE VISUAL ARTS

The Center for Advanced Study in the Visual Arts, a part of the National Gallery of Art, is soliciting applications for its Senior Fellowship Program for 1984-85. Applicants must have held the Ph.D. for five years or more or possess a record of professional accomplishment at the time of application. Most awards

are for an academic year although shorter periods may be possible. Fellows normally receive one-half of the applicant's annual salary as well as some support for research and travel expenses. Contact the Center for Advanced Study in the Visual Arts, National Gallery of Art, Washington, DC 20565 (202) 842-6480. Deadline: October 31, 1983.

AMERICAN COUNCIL OF LEARNED SOCIETIES (ACLS)

The ACLS has opened competition for a variety of awards including the following: Fellowships for six to twelve months for up to \$15,000 (deadline: September 30); Research Fellowships for Recent Recipients of the Ph.D. for six to twelve months up to \$8,500 (deadline: September 30); Fellowships for Studies in Modern Society and Values for six to twelve months (deadline: September 30); Grants-in-Aid for significant humanistic research (deadline: December 15); and Travel Grants for Humanists to international meetings abroad (July 1, November 1, and March 1). The Council also administers grants for Chinese and East European Studies and certain programs jointly administered with the Social Science Research Council. For further details contact ACLS, 800 Third Avenue (at 49th-50th Streets), New York, NY 10022 (212) 888-1759 after July 1.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, *agency* deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

THE ORA CONTACT NUMBERS FOR FEDERAL DEADLINE/PROGRAM INFORMATION ARE AS FOLLOWS:

DEPARTMENT OF HEALTH AND HUMAN SERVICES	373-5925
DEPARTMENT OF EDUCATION	373-5925
OTHER FEDERAL AGENCIES	373-2771

NATIONAL INSTITUTES OF HEALTH

DRR, Small Grants for Pilot Projects, Biotechnology Resources Program	October	1
Fogarty International Center, Biomedical Research Fellowship Opportunities Abroad	October	1
Fogarty International Center, Eastern European Scientist Exchange Program	Open	
NCI, NIH-NCI-DRCCA-OSP-83-2, Administrative Coordinating Center for the Organ Systems Program (Letter of intent recommended by 4/29)	July	15
NCI, NIH-NCI-DCCP-82-18, Hepatitis B Virus and Primary Hepatocellular Carcinoma: Biological Investigations of Virus-Host Interactions and Mechanisms of Causation of Human Cancer	July	15
NCI, RFA: NIH-NCI-DCCP-BCB-83-3, Infectious Etiology of Acquired Immune Deficiency Syndrome (AIDS) and Kaposi's Sarcoma	August	1

NCI, RFA: NIH-NCI-DRCCA-CPB 83-1, The Role of Micro and Macronutrients in the Prevention of Cancer	August	1
NCI, NRSA'S in All Basic and Applied Sciences Relevant to Cancer:		
Institutional Training Grants	October	1
Individual Postdoctoral Fellowships	October	1
Senior Postdoctoral Fellowships	October	1
NCI, Clinical Cancer Education Program	October	1
NCI, The NCI Clinical Investigator Award	October	1
NCI, Use of Growth Factors, Maturation Factors and Anti- Growth Factors in Animal Tumor Models-Biological Response Modifiers Research	November	1
NCI, Immunohistochemical Classification of Solid Tumors	November	1
NCI, Development of Myeloma or Human B Cell Lines Suitable for Somatic Cell Hybridization to Produce Human Monoclonal Antibodies	November	1
NCI, Development of Genetically Engineered Cell Products- Biological Response Modifiers Research	November	1
NCI, Use of Tumor Associated Antigens As Immunogens- Biological Response Modifiers Research	November	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines-Biological Response Modifiers Research	November	1
NCI, Oncogene Products in Irradiated Cells and Tissue	November	1
NCI, Specific Radiation-Induced Chromosomal Abnormalities and Cancer	November	1
NCI, Smokeless Tobacco and Non-Tobacco Smoking Product Use: Identification of Initiation Mechanisms in Children and Adolescents (Letter of intent recommended prior to submission)	November	1
NCI, Tobacco and the Blue Collar Worker (Letter of intent recommended prior to submission)	November	1
NCI, Non-Invasive Approach for Detection of Lung Cancer	November	1
NCI, Specific Immunoassays for Cancer Associated Isoenzymes	November	1
NCI, RFA: NIH-NCI-DRCCA-82-17, Patterns of Care for Elderly Cancer Patients: Implications for Cancer Control (Letter of intent recommended by 9/15)	December	6
NHLBI, RFA: NIH-NHLBI-DHVD-83G-J, Specialized Centers of Research in Ischemic Heart Disease (IHD-SCORs) (Letter of intent recommended by 4/4)	July	18
NHLBI, Minority Hypertension Research Development Summer Program (Letter of intent by 5/15)	September	15
NHLBI, Clinical Investigator Award	September	15
NHLBI, School Health Promotion and Cardiovascular Health of Children and Adults	November	1
NHLBI, New Investigator Award-Research Grant	November	1
NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of intent recommended 30 days prior to established receipt deadline)		
Individual Postdoctoral Fellowships	October	1
Institutional Training Programs	October	1
Clinical Investigator Awards	October	1
Senior Fellowships	October	1
NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of intent recommended 30 days prior to established receipt deadline)		
Research Grants	November	1
NIA Small Grant Awards for Pilot Projects	October	1

NIA Program Project Research Grants	October	1
NIA, Cellular Aging Research: Differentiated Cells in Culture:		
Institutional Training Grants	October	1
Individual Postdoctoral Fellowships	October	1
Program Project Grants	October	1
Clinical Investigator Awards	October	1
Research Career Development Awards	October	1
New Investigator Research Award	November	1
Research Grants	November	1
NIADDK/NIAID/NICHD, NIH-NIADDK-DEMD-83D-1, Immuno-pathogenic Mechanisms Involved in the Development of Insulin-Dependent Diabetes Mellitus (IDDM) (Letter of intent recommended by June 15, 1983)	July	15
NIADDK, Clinical Investigator Award	October	1
NIADDK, Research on Benign Prostatic Hyperplasia	November	1
NIAID, RFA-NIH-NIAID-83-1, Asthma and Allergic Disease Centers and Asthma and Allergic Disease Centers for Immunodermatologic Studies	October	15
NIAID, RFA-NIH-NIAID-83-2, Program Projects in Mechanism of Immunologic Diseases (Letter of intent encouraged)	October	15
NICHD, Clinical Investigator Award	October	1
NIEHS, The NIEHS Clinical Investigator Award	October	1
NIH, Research Grants, Renewals	October	1
NIH, Research Career Development Awards	October	1
NIH, Individual Postdoctoral Fellowships	October	1
NIH, Institutional Training Programs	October	1
NIH, Support of Meetings (Scientific, U.S.A. or International)	October	1
NIH, Research Grants, New	November	1
NIH, New Investigator Awards	November	1
NINCDS, Research Grants on Small Animal Models for Screening Antiepileptic Drugs	November	1
NINCDS, Research Grants on Hormones and Epilepsy	November	1
NLM, Health Computer Sciences Research Training (Letter of intent recommended before submission of proposal)	August	1

NIH ANNUAL DEADLINES

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <i>for each</i> : School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1
NHLBI, Preventive Cardiology Academic Award	April	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1
NIA, Academic Award	July	1
NIADDK/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIGMS, NIGMS Shared Instrumentation Grants	February	15
NIH, NRSA for Short-Term Training of Students in Health Professional Schools	May	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, Renewals	October	1
ADAMHA, Individual Postdoctoral Fellowships	October	1
ADAMHA, Institutional Training Grants, NRSA	October	1
ADAMHA, Research Scientist Development/Research Scientist Award	October	1
ADAMHA, Research Grants, New	November	1
NIAAAA/NIDA/NIMH, Individual NRSA	October	1
NIAAAA/NIDA/NIMH, Institutional NRSA Training	October	1
NIAAAA/NIDA/NIMH, ADAMHA Prevention Research New Investigator Award	November	1
NIDA, Drug Abuse Prevention Research	October	1
NIDA, Marijuana Research Grants Program	November	1
NIMH, Research Grants Program	November	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Unsolicited Proposals, Health Services Research and Development Grants	November	1
Conference Grants (Preliminary submission required prior to formal application)	Open	

FOOD AND DRUG ADMINISTRATION

Research Grants, Renewals	October	1
Research Grants, New	November	1

DEPARTMENT OF EDUCATION

Innovative Programs for Severely Handicapped Children	July	15
Law-Related Education Institutional Projects	July	18
Projects for Initiating Special Recreation Programs for Handicapped Individuals	July	25
Research in Education of the Handicapped	July	25
Special Projects and Demonstrations for Providing Vocational Rehabilitation Services to Severely Handicapped Individuals	July	29
Expanding Parental Choice in Education; Improving Teacher Quality Through Incentives: Strengthening Local School Boards; and Unsolicited Grant Applications (NOTE: Applications will be received and reviewed between May 30 and August 1)	August	1
Bilingual Education Act-Materials Development Projects Program	August	15
Supplemental Funds Program for Cooperative Education	August	15

NATIONAL INSTITUTE OF EDUCATION

Research Grants on Law and Government Studies in Education: Final Application (Preapplication required 1/4/84)	March 2	1984
Small Grants	Jan 4	1984
Unsolicited Proposals	Feb 3	1984

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Nursing Research Emphasis Grants for Doctoral Programs in Nursing	November	1
Advanced Nurse Training Program	November	1
Health Careers Opportunity Program	November	4

HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants	November	7
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SOCIAL SECURITY ADMINISTRATION

Income Maintenance Research and Demonstration Grants, Section 1110	July	11
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NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

Ethics and Values in Science and Technology (jointly sponsored by NSF and NEH). Contact Dr. Rachelle Hollander (202) 357-9569	August	1
Information Science and Technology. Special research initiation awards for new investigators (NSF 81-34 and NSF 81-69). Contact Dr. Edward Weiss (202) 357-9572	August	3
Nuclear Science. Conferences, workshops, etc. DOE/NSF review by Division of Nuclear Physics of the American Physical Society. Contact Dr. Harvey B. Willard (202) 357-7993	September	1
Elementary Particle Physics. Conferences, workshops, etc. DOE/NSF Review by Division of Particles and Fields of the American Physical Society. Contact Dr. David Berley (202) 357-9575	September	1
U.S.-India Exchange of Scientists (NSF 80-53). Contact Mr. Eugene Pronko (202) 357-9550	September	15
U.S.-Australia Cooperative Science (NSF 81-49, rev. 1/82). Seminar, cooperative research exchange, and no cost proposals with requested effective dates falling between July 1 and December 1, 1984. Contact Mr. Alan Milsap (202) 357-9558	October	1
U.S.-New Zealand Cooperative Science (NSF 81-50). For projects with requested effective dates falling between July 1 and December 31, 1984. Contact Mr. Alan Milsap (202) 357-9558	October	1
U.S.-France Cooperative Science. Long-term visits to France under the exchange of scientists activity. Contact Dr. Stephen Mosier (202) 357-7554	October	1

U.S.-Italy Cooperative Science. Cooperative research projects, joint seminars, and long-term research visits. Contact Ms. Marilyn Rurak (202) 357-7554 October 1

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Climate Dynamics. Contact Dr. Kenneth Bergman (202) 357-9892 August 1

Arctic Research. For fiscal year 1984 support. Brochure is available from Division of Polar Programs. Contact Mr. Guy Guthridge (202) 357-7817 September 1

Earth Sciences: Stratigraphy and Paleontology; Environmental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958 September 1

Science in Developing Countries Program (NSF 81-51). Contact Dr. Gordon Heibert (202) 357-7393 September 1

U.S.-East Asia Cooperative Science (NSF 81-30). Contact Dr. Gerald A. Edwards or Dr. Gordon Heibert (202) 357-9558 September 1

Ocean Sciences Instrumentation Development. Contact Mr. H. Lawrence Clark (202) 357-7837 September 1

Economics. Contact Dr. Daniel Newlon, Dr. James Blackman, or Dr. Lynn Pollnow (202) 357-9675 September 1

Geography and Regional Science. Contact Dr. James Blackman (202) 357-7326 September 1

Measurement Methods and Data Resources. Contact Dr. Murray Aborn or Dr. Sara Nerlove (202) 357-7913 September 1

Sociology. Contact Dr. Joanne Miller (202) 357-7802 September 1

History and Philosophy of Science. Contact Dr. Ronald Overmann (202) 357-9677 September 1

Political Science. Contact Dr. William Mishler (202) 357-9406 September 1

Law and Social Sciences. Contact Dr. Felice Levine (202) 357-9567 September 1

Decision and Management Science. Contact Dr. Trudi Miller (202) 357-7569 September 1

Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg (202) 357-7417 September 1

Biological Instrumentation. Contact the Division of Physiology, Cellular and Molecular Biology (202) 357-7652 September 30

Innovation Processes Research (NSF 81-84). Contact Dr. Louis Tornatzky, Dr. J. D. Eveland, Dr. W. A. Hetzner (202) 357-9804; Dr. E. C. Johnson (202) 357-7875 October 1

NONFEDERAL

THE ORA CONTACT NUMBER FOR NONFEDERAL DEADLINE/PROGRAM INFORMATION IS 373-1970.

American Cancer Society
Research and Clinical Investigation Grant November 1

American Chemical Society - Petroleum Research Fund Grants-in-Aid	No Deadline
American Council of Learned Societies Fellowships	September 30
Research Fellowships for Recent Ph.D. Recipients	September 30
Fellowships for Studies in Modern Society	September 30
Travel Grants for Humanists	November 1
Grants for Research in Chinese Studies (subject to funding)	December 15
East European Studies	December 15
Grants-in-Aid	December 15
American Heart Association Grants-in-Aid	October 1
American Heart Association-Minnesota Affiliate Fellowships	November 15
Grant-in-Aid	December 15
American Iron and Steel Institute	August 1
American Lung Association Fellowships	October 1
Research Grants	November 1
American Philosophical Society Grants-in-Aid	Various--Contact ORA
Center for Field Research (Earthwatch) Latin America Field Research Grants	No Deadline
Cystic Fibrosis Clinical Fellowship	October 1
Damon Runyon-Walter Winchell Cancer Fund Human Cancer-Directed Fellowship	August 15
Fellowship Grant	August 15
Dermatology Foundation Postdoctoral Training	September 2
Grant	September 2
Engineering Foundation Pre-proposals	No Deadline
Epilepsy Foundation of America Research Grant	September 1
Clinical Epilepsy Research Fellowship	September 1
Francis, Parker B., Foundation Program for Fellowships in Pulmonary Research	September 15
Gas Research Foundation Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline
German Marshall Fund Research Fellowship	November 30
Juvenile Diabetes Foundation Career Development Awards (must request application in July)	October 1
Postdoctoral Fellowships (must request application in July)	October 1
Kellogg Foundation Expanding Opportunities for Adult Continuing Education	Continuous
Health Promotion and Disease Prevention Programs	Continuous
Coordinated, Cost-Effective Health Service Programs	Continuous
Improving Human Well Being through Productive Agriculture	Continuous
Fostering Leadership Capacity	Continuous

Leukemia Society of America		
Scholar Program		September 1
Special Fellow Program		September 1
Fellow Program		September 1
March of Dimes		
Social and Behavioral Science (abstract due May 1)		September 1
Basic		October 1
Basil O'Connor Starter Research Grants		Continuous
Clinical		August 1
Metropolitan Life Foundation		September 10
Minnesota Humanities Commission		
General Grants (Over \$500): Draft Applications		July 29
		October 21
General Grants (Over \$500): Final Applications		August 19
		November 11
Small Grants (Under \$500)		
Final Applications due 6 weeks prior to start date		No Deadline
Media Grants: Application Review (including a		
10-minute sample of technical personnel's work)		July 15
Media Grants: Final Applications		August 19
		November 11
Minnesota Medical Foundation		September 30
		November 30
Charles Stewart Mott Foundation (Letter of inquiry)		No Deadline
Muscular Dystrophy Association		
Postdoctoral Fellowship		December 31
Grants-in-Aid		December 31
National Fund for Medical Education		
Grants for Innovative Programs in Medical Education		October 1
Dissemination Mini-Grants		October 1
Postdoctoral Fellowships in Medical Education		November 1
National Geographic Society		
Grants-in-Aid		No Deadline
National Kidney Foundation		
Research Fellowships		October 1
National Multiple Sclerosis Society		
Research Grants		August 1
Orthopaedic Research and Education Foundation		
Research Grants		October 15
Pharmaceutical Manufacturers Association Foundation		
Postmarketing Monitoring Methodology Grant Program		September 1
Research Starter Grant in Clinical Pharmacology		
Drug Toxicology		September 1
Faculty Development Award in Pharmacology		September 15
Fellowships for Advanced Predoctoral Training in		
Pharmacology or Toxicology		September 15
Fellowships for Careers in Clinical Pharmacology		October 1
Faculty Development Award in Clinical Pharmacology		October 1
Research Corporation		
(Recommend submission 60 to 120 days prior to agency		
reviews in October, February and May)		No Deadline
Sugar Association		August 12

Technicon Instruments Corporation
Grants for Research in Biomedical and Industrial
Instrumentation
Pre-proposals
University Genetics Company (UGEN)

No Deadline
No Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

Office of Research Administration
Administrative Services Center, 5th Floor
1919 University Avenue
University of Minnesota
St. Paul, Minnesota 55104

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ORA RDC Newsletter

Published Jointly by the Office of Research Administration and the Research Development Center

AUGUST 1983

VOLUME XIII/NO. 2

OFFICE OF PATENT ADMINISTRATION MOVES

The Office of Patent Administration has been relocated to the fifth floor of the Administrative Services Center, 1919 University Avenue, St. Paul, and is administratively reporting to the Director of the Office of Research Administration. Staff telephone numbers remain the same.

FRINGE BENEFIT RATES TO CHANGE

The fringe benefit rates will change effective July 1, 1983. However, due to the lateness of the June 30, 1983 general ledger closing, the new rates will not be developed until early August. Preliminary estimates would indicate that the academic rate will increase to as much as 24%. The overall rate for civil service ought not to increase, however, there will be a redistribution of the component rates with MSRS going to 5.6% while hospitalization, workers compensation and unemployment compensation will decrease. The new rates will be published in the September Newsletter.

REMINDER--NATIONAL SCIENCE FOUNDATION (NSF) ORGANIZATIONAL PRIOR APPROVAL SYSTEM

Principal investigators are reminded that requests to ORA for approvals authorized by NSF's Organizational Prior Approval System must be reviewed and approved by the principal investigator's department head, or where the principal investigator is also the department head, by the dean of the college or his/her designee.

NSF INTERNATIONAL SCIENCE AGREEMENTS

NSF has announced a Request for Proposals (RFP) to review and assess the 30 worldwide bilateral programs of international cooperation in science. The review will consider and compare benefits to U.S. science disciplines for each program, and the quality of U.S. and foreign scientists and institutions who participate in these activities. For further information contact H. D. Wolff, Contracting Officer, National Science Foundation, Washington, DC 20550. Deadline date not available.

INTERNATIONAL SOCIETY OF ARBORICULTURE SHADE TREE RESEARCH GRANTS

The International Society of Arboriculture awards \$1,000 grants to encourage research on shade trees. Horticulturists, plant pathologists, entomologists, soil specialists, and others are invited to submit a brief outline of a proposed project for which a grant of \$1,000 might assist in purchase of equipment, technical or student help, or otherwise contribute to the research. The grants are not expected to cover all research costs, but to aid and stimulate. Deadline: December 1, 1983.

SQUIBB CARDIOVASCULAR GROUP FELLOWSHIP GRANTS

Recognizing the importance of the development of young investigators to the advancement of cardiovascular health care, the Squibb Program is designed to encourage promising young physicians to pursue careers in cardiovascular research. Four awards are envisioned in the United States and Canada. Although there are no restrictions on the type of cardiovascular research that candidates may propose, the selection process will be oriented toward high-quality scientific endeavors and applicants who have demonstrated a commitment to a career in basic or clinical research. Only one award per institution will be made, and the agency asks that only the most highly qualified applicants be encouraged to apply. Deadline: September 30, 1983.

NATIONAL FUND FOR MEDICAL EDUCATION

The mission of the National Fund for Medical Education is to promote better health care by improving the quality of medical education at all levels--undergraduate, graduate and continuing. The agency distributes funds contributed by corporations, foundations and individuals to support the development and dissemination of innovative programs and fellowships in medical education.

Their priorities for the 80's are: to support further advances in medical education that will assure delivery of the best quality health care at the least cost, within ethical constraints; to support innovations that would improve the ability of medical schools to select students who possess and retain qualities desirable in future physicians; to support programs in medical education that will improve communications and otherwise enhance relationships between patients and their physicians; to promote interest in careers as physician-investigators and/or teachers in order to maintain the quality of biomedical research and medical education; and to support changes in medical education that will improve the educational process, with particular emphasis on innovative ways to integrate into curricula important subjects which have recently emerged or have been inadequately addressed in the past. See Nonfederal deadline section for due dates.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, *agency* deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

THE ORA CONTACT NUMBERS FOR FEDERAL DEADLINE/PROGRAM INFORMATION ARE AS FOLLOWS:

DEPARTMENT OF HEALTH AND HUMAN SERVICES	373-5925
DEPARTMENT OF EDUCATION	373-5925
OTHER FEDERAL AGENCIES	373-2771

NATIONAL INSTITUTES OF HEALTH

DRR, Small Grants for Pilot Projects, Biotechnology Resources Program	October	1
Fogarty International Center, Biomedical Research Fellowship Opportunities Abroad	October	1
Fogarty International Center, Irish Medical Research Council Fellowships	October	1
Fogarty International Center, Eastern European Scientist Exchange Program	Open	
NCI, NRSA'S in All Basic and Applied Sciences Relevant to Cancer:		
Institutional Training Grants	October	1
Individual Postdoctoral Fellowships	October	1
Senior Postdoctoral Fellowships	October	1
NCI, Clinical Cancer Education Program	October	1
NCI, The NCI Clinical Investigator Award	October	1
NCI, Use of Growth Factors, Maturation Factors and Anti-Growth Factors in Animal Tumor Models-Biological Response Modifiers Research	November	1
NCI, Immunohistochemical Classification of Solid Tumors	November	1
NCI, Development of Myeloma or Human B Cell Lines Suitable for Somatic Cell Hybridization to Produce Human Monoclonal Antibodies	November	1
NCI, Development of Genetically Engineered Cell Products-Biological Response Modifiers Research	November	1
NCI, Use of Tumor Associated Antigens As Immunogens-Biological Response Modifiers Research	November	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines-Biological Response Modifiers Research	November	1
NCI, Oncogene Products in Irradiated Cells and Tissue	November	1
NCI, Specific Radiation-Induced Chromosomal Abnormalities and Cancer	November	1
NCI, Smokeless Tobacco and Non-Tobacco Smoking Product Use: Identification of Initiation Mechanisms in Children and Adolescents (Letter of intent recommended prior to submission)	November	1
NCI, Tobacco and the Blue Collar Worker (Letter of intent recommended prior to submission)	November	1
NCI, Non-Invasive Approach for Detection of Lung Cancer	November	1
NCI, Specific Immunoassays for Cancer Associated Isoenzymes	November	1
NCI, RFA: NIH-NCI-DRCCA-82-17, Patterns of Care for Elderly Cancer Patients: Implications for Cancer Control (Letter of intent recommended by 9/15)	December	6
NHLBI, Minority Hypertension Research Development Summer Program (Letter of intent by 5/15)	September	15
NHLBI, Clinical Investigator Award	September	15
NHLBI, School Health Promotion and Cardiovascular Health of Children and Adults	November	1

NHLBI, New Investigator Award-Research Grant	November	1
NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of intent recommended 30 days prior to established receipt deadline)		
Individual Postdoctoral Fellowships	October	1
Institutional Training Programs	October	1
Clinical Investigator Awards	October	1
Senior Fellowships	October	1
NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of intent recommended 30 days prior to established receipt deadline)		
Research Grants	November	1
NIA Small Grant Awards for Pilot Projects	October	1
NIA Program Project Research Grants	October	1
NIA, Cellular Aging Research: Differentiated Cells in Culture:		
Institutional Training Grants	October	1
Individual Postdoctoral Fellowships	October	1
Program Project Grants	October	1
Clinical Investigator Awards	October	1
Research Career Development Awards	October	1
New Investigator Research Award	November	1
Research Grants	November	1
NIA, Social And Behavioral Research on Aging		
Institutional Training Grants	October	1
Program Project Grants	October	1
Research Career Development Awards	October	1
Small Grants	October	1
New Investigator Research Award	November	1
Research Grants	November	1
NIA, Health Functioning in Middle and Later Years		
Institutional Training Grants	October	1
Program Project Grants	October	1
Research Career Development Awards	October	1
Small Grants	October	1
New Investigator Research Award	November	1
Research Grants	November	1
NIADDK, Clinical Investigator Award	October	1
NIADDK, Research on Benign Prostatic Hyperplasia	November	1
NIAID, RFA: 83-3, Mycology Research Units (Letter of intent encouraged)	October	14
NIAID, RFA-NIH-NIAID-83-1, Asthma and Allergic Disease Centers and Asthma and Allergic Disease Centers for Immunodermatologic Studies	October	15
NIAID, RFA-NIH-NIAID-83-2, Program Projects in Mechanism of Immunologic Diseases (Letter of intent encouraged)	October	15
NICHD, Clinical Investigator Award	October	1
NIEHS, The NIEHS Clinical Investigator Award	October	1
NIH, Research Grants, Renewals	October	1
NIH, Research Career Development Awards	October	1
NIH, Individual Postdoctoral Fellowships	October	1
NIH, Institutional Training Programs	October	1
NIH, Support of Meetings (Scientific, U.S.A. or International)	October	1
NIH, Research Grants, New	November	1
NIH, New Investigator Awards	November	1
NINCDS, Teacher-Investigator Development Award	October	1

NINCDS, Research Grants on Small Animal Models for Screening Antiepileptic Drugs	November	1
NINCDS, Research Grants on Hormones and Epilepsy	November	1

NIH ANNUAL DEADLINES

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <i>for each</i> : School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1
NHLBI, Preventive Cardiology Academic Award	April	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1
NIA, Academic Award	July	1
NIADDK/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIGMS, NIGMS Shared Instrumentation Grants	February	15
NIH, NRSA for Short-Term Training of Students in Health Professional Schools	May	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, Renewals	October	1
ADAMHA, Individual Postdoctoral Fellowships	October	1
ADAMHA, Institutional Training Grants, NRSA	October	1
ADAMHA, Research Scientist Development/Research Scientist Award	October	1
ADAMHA, Research Grants, New	November	1
NIAAA/NIDA/NIMH, Individual NRSA	October	1
NIAAA/NIDA/NIMH, Institutional NRSA Training	October	1
NIAAA/NIDA/NIMH, ADAMHA Prevention Research New Investigator Award	November	1
NIDA, Drug Abuse Prevention Research	October	1
NIDA, Marijuana Research Grants Program	November	1
NIMH, Research Grants Program	November	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Unsolicited Proposals, Health Services Research and Development Grants	November	1
Conference Grants (Preliminary submission required prior to formal application)	Open	

FOOD AND DRUG ADMINISTRATION

Research Grants, Renewals	October	1
Research Grants, New	November	1

DEPARTMENT OF EDUCATION

Bilingual Education Act-Materials Development Projects Program	August	15
Supplemental Funds Program for Cooperative Education	August	15

NATIONAL INSTITUTE OF EDUCATION

Research Grants on Law and Government Studies in Education:	
Final Application (Preapplication required 1/4/84)	March 2 1984
Small Grants	Jan 4 1984
Unsolicited Proposals	Feb 3 1984

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Nursing Research Emphasis Grants for Doctoral Programs in Nursing	November 1
Advanced Nurse Training Program	November 1
Health Careers Opportunity Program	November 4

HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants	November 7
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SOCIAL SECURITY ADMINISTRATION

Office of Child Support Enforcement--Child Support Enforcement Research and Demonstration Grants	August 12
Proposed Funding for Refugee Mental Health Demonstration Projects	August 15

OFFICE OF THE ASSISTANT SECRETARY FOR PLANNING AND EVALUATION

Low-Wage Labor Market Studies	August 12
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NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

Nuclear Science. Conferences, workshops, etc. DOE/NSF review by Division of Nuclear Physics of the American Physical Society. Contact Dr. Harvey B. Willard (202) 357-7993	September 1
Elementary Particle Physics. Conferences, workshops, etc. DOE/NSF Review by Division of Particles and Fields of the American Physical Society. Contact Dr. David Berley (202) 357-9575	September 1
U.S.-India Exchange of Scientists (NSF 80-53). Contact Mr. Eugene Pronko (202) 357-9550	September 15
U.S.-Australia Cooperative Science (NSF 81-49, rev. 1/82). Seminar, cooperative research exchange, and no cost proposals with requested effective dates falling between July 1 and December 1, 1984. Contact Mr. Alan Milsap (202) 357-9558	October 1

U.S.-New Zealand Cooperative Science (NSF 81-50). For projects with requested effective dates falling between July 1 and December 31, 1984. Contact Mr. Alan Milsap (202) 357-9558	October	1
U.S.-France Cooperative Science. Long-term visits to France under the exchange of scientists activity. Contact Dr. Stephen Mosier (202) 357-7554	October	1
U.S.-Italy Cooperative Science. Cooperative research projects, joint seminars, and long-term research visits. Contact Ms. Marilyn Rurak (202) 357-7554	October	1

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Arctic Research. For fiscal year 1984 support. Brochure is available from Division of Polar Programs. Contact Mr. Guy Guthridge (202) 357-7817	September	1
Earth Sciences: Stratigraphy and Paleontology; Environmental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	September	1
Science in Developing Countries Program (NSF 81-51). Contact Dr. Gordon Heibert (202) 357-7393	September	1
U.S.-East Asia Cooperative Science (NSF 81-30). Contact Dr. Gerald A. Edwards or Dr. Gordon Heibert (202) 357-9558	September	1
Ocean Sciences Instrumentation Development. Contact Mr. H. Lawrence Clark (202) 357-7837	September	1
Economics. Contact Dr. Daniel Newlon, Dr. James Blackman, or Dr. Lynn Pollnow (202) 357-9675	September	1
Geography and Regional Science. Contact Dr. James Blackman (202) 357-7326	September	1
Measurement Methods and Data Resources. Contact Dr. Murray Aborn or Dr. Sara Nerlove (202) 357-7913	September	1
Sociology. Contact Dr. Joanne Miller (202) 357-7802	September	1
History and Philosophy of Science. Contact Dr. Ronald Overmann (202) 357-9677	September	1
Political Science. Contact Dr. William Mishler (202) 357-9406	September	1
Law and Social Sciences. Contact Dr. Felice Levine (202) 357-9567	September	1
Decision and Management Science. Contact Dr. Trudi Miller (202) 357-7569	September	1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg (202) 357-7417	September	1
Biological Instrumentation. Contact the Division of Physiology, Cellular and Molecular Biology (202) 357-7652	September	30
Innovation Processes Research (NSF 81-84). Contact Dr. Louis Tornatzky, Dr. J. D. Eveland, Dr. W. A. Hetzner (202) 357-9804; Dr. E. C. Johnson (202) 357-7875	October	1

*NSF Proposals may be submitted for the following programs at any time of the year. It takes approximately six to nine months to process a proposal. Brochures indicated in parentheses may be ordered.

- Anthropology. Contact Dr. John Yellen (202) 357-7804 *
- Linguistics. Contact Dr. Paul Chapin (202) 357-7696 *
- Memory and Cognitive Processes. Contact Dr. Joseph Young
(202) 357-9898 *
- Neurobiology. Contact Dr. Steven E. Kornguth
(202) 357-7471 *
- Psychobiology. Contact Dr. Fred Stollnitz (202) 357-7949 *
- Sensory Physiology and Perception. Contact Dr. Terrence
Dolan (202) 357-7428 *
- Social and Developmental Psychology. Contact Dr. Richard
Louttit (202) 357-9485 *
- Biological Research Resources. Contact Dr. James Tyler
(202) 357-7475 *
- Doctoral Dissertation Research Contact Dr. James Edwards
(202) 357-9588 *
- Ecosystem Studies. Contact Dr. W. Franklin Harris
(202) 357-9596 *
- Science in Developing Countries. Contact Dr. Gordon
Hiebert (202) 357-9537 *
- U.S.-China Cooperative Science. Contact Dr. Pierre
Perrolle or Mr. Alexander DeAngelis, Division of
International Programs (202) 357-7393 *
- U.S.-East Asia Cooperative Science (NSF 81-30). For
projects with Indonesia, Malaysia, Thailand, and
Singapore, contact Dr. Gordon Hiebert (202) 357-9537; for
projects with the Philippines, contact Dr. Gerald A.
Edwards (202) 357-9537 *
- U.S.-New Zealand Cooperative Science. Contact Mr. Alan
Milsap (202) 357-9558 *
- U.S.-Eastern Europe Cooperative Science (NSF 81-27).
Contact Miss Deborah Wince (202) 357-9516 *
- Industry/University Cooperative Research Projects
(NSF 80-31). Contact Dr. Frederick Betz (202) 357-7785
or Mr. Alex Schwarzkopf (202) 357-7527 *
- Industry/University Cooperative Research Centers. Contact
Mr. Robert Colton or Mr. Alex Schwarzkopf (202) 357-7527 *
- Policy Research and Analysis (NSF 81-82). Contact
Ms. Agnes Rhodes (202) 357-9689 *
- Research in Information Science and Technology (NSF 81-34).
Contact the Division of Information Science and
Technology (202) 357-9572 *
- Special Research Initiation Awards for New Investigators
in Information Science and Technology (NSF 81-69).
Contact the Division of Information Science and
Technology (202) 357-9572 *
- U.S.-Scandinavia and the Netherlands Cooperative Science.
Contact (202) 357-7554 *

NONFEDERAL

THE ORA CONTACT NUMBER FOR NONFEDERAL DEADLINE/PROGRAM INFORMATION IS 373-1970.

American Cancer Society	
Research and Clinical Investigation Grant	November 1
American Chemical Society - Petroleum Research Fund	
Grants-in-Aid	No Deadline
American Council of Learned Societies	
Fellowships	September 30
Research Fellowships for Recent Ph.D. Recipients	September 30
Fellowships for Studies in Modern Society	September 30
Travel Grants for Humanists	November 1
Grants for Research in Chinese Studies	December 15
(subject to funding)	
East European Studies	December 15
Grants-in-Aid	December 15
American Heart Association	
Grants-in-Aid	October 1
Supplemental Funds for Research Sabbatical Positions	September 30
American Heart Association-Minnesota Affiliate	
Fellowships	November 15
Grant-in-Aid	December 15
American Lung Association	
Research Grants	November 1
Dalsemer Research Scholar Award	November 1
Trudeau Scholar	October 1
Training Fellowships	October 1
Research Training Fellowship	October 1
American Philosophical Society	
Grants-in-Aid	Various--Contact ORA
Center for Field Research (Earthwatch)	
Latin America Field Research Grants	No Deadline
Cystic Fibrosis	
Clinical Fellowship	October 1
Dermatology Foundation	
Postdoctoral Training	September 2
Grant	September 2
Engineering Foundation	
Pre-proposals	No Deadline
Epilepsy Foundation of America	
Research Grant	September 1
Clinical Epilepsy Research Fellowship	September 1
Francis, Parker B., Foundation	
Program for Fellowships in Pulmonary Research	September 15
Gas Research Foundation	
Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline
German Marshall Fund	
Research Fellowship	November 30
International Society of Arboriculture	December 1
Juvenile Diabetes Foundation	
Career Development Awards (must request application in July)	October 1
Postdoctoral Fellowships (must request application in July)	October 1

Kellogg Foundation	
Expanding Opportunities for Adult Continuing Education	Continuous
Health Promotion and Disease Prevention Programs	Continuous
Coordinated, Cost-Effective Health Service Programs	Continuous
Improving Human Well Being through Productive Agriculture	Continuous
Fostering Leadership Capacity	Continuous
Leukemia Society of America	
Scholar Program	September 1
Special Fellow Program	September 1
Fellow Program	September 1
March of Dimes	
Social and Behavioral Science (abstract due May 1)	September 1
Basic	October 1
Basil O'Connor Starter Research Grants	Continuous
Metropolitan Life Foundation	September 10
Minnesota Humanities Commission	
General Grants (Over \$500): Draft Applications	October 21
General Grants (Over \$500): Final Applications	August 19
	November 11
Small Grants (Under \$500)	
Final Applications due 6 weeks prior to start date	No Deadline
Media Grants: Final Applications	August 19
	November 11
Minnesota Medical Foundation	September 30
	November 30
Charles Stewart Mott Foundation (Letter of inquiry)	No Deadline
Muscular Dystrophy Association	
Postdoctoral Fellowship	December 31
Grants-in-Aid	December 31
National Fund for Medical Education	
Grants for Innovative Programs in Medical Education	October 1
Dissemination Mini-Grants	October 1
Postdoctoral Fellowships in Medical Education	November 1
National Geographic Society	
Grants-in-Aid	No Deadline
National Kidney Foundation	
Research Fellowships	October 1
Orthopaedic Research and Education Foundation	
Research Grants	October 15
Pharmaceutical Manufacturers Association Foundation	
Postmarketing Monitoring Methodology Grant Program	September 1
Research Starter Grant in Clinical Pharmacology	
Drug Toxicology	September 1
Faculty Development Award in Pharmacology	September 15
Fellowships for Advanced Predoctoral Training in	
Pharmacology or Toxicology	September 15
Fellowships for Careers in Clinical Pharmacology	October 1
Faculty Development Award in Clinical Pharmacology	October 1
Research Corporation	
(Recommend submission 60 to 120 days prior to agency	
reviews in October, February and May)	No Deadline
Squibb Corporation	September 30

Technicon Instruments Corporation
Grants for Research in Biomedical and Industrial
Instrumentation
Pre-proposals
University Genetics Company (UGEN)

No Deadline
No Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

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ORA RDC Newsletter

Published Jointly by the Office of Research Administration and the Research Development Center

SEPTEMBER 1983

VOLUME XIII/NO. 3

NEW FRINGE BENEFIT RATES

The fringe benefit rates shown below are in effect July 1, 1983 through September 30, 1983. They are scheduled for review and change in October 1983. The estimated rates are to be used for budgeting beyond September 1983.

	ACADEMIC %	CIVIL SERVICE %
Health Plan	4.8424	8.0084
Unemployment Compensation	.1639	.6403
Workers Compensation	.0000	1.3239
Group Life	.2829	.2554
Retirement	12.5178	5.6000
F.I.C.A.	<u>6.1930</u>	<u>6.7000</u>
	24.0000	22.5280
Estimated rates to be used for budgeting beyond 9/83	26.0000	23.0000

NATIONAL RESEARCH SERVICE AWARD (NRSA) INSTITUTIONAL TRAINING PROJECTS--NEW, RENEWAL, CONTINUATION APPLICATIONS (NIH/PHS)

NIH has announced that it will no longer require itemization of the costs of training related expenses (formerly called institutional allowances) on NRSA institutional training grants awarded from FY 1984 funds. Therefore, competing and noncompeting applications and awards for FY 1984 NRSA T32 and T35 institutional training grants subject to the ceiling of \$1,500 per predoctoral and \$2,500 per postdoctoral trainee should no longer itemize the categories from which the expenditures will be made. Training related expenses should be identified as a single figure under SUBTOTAL (Section A) of both PHS 6025-1 and PHS 6025-2. No explanation of this figure is required.

All expenditures charged to NRSAs must continue to be made in accordance with PHS grants policy; however, rebudgeting of funds awarded in lump sum for training related expenses, which have previously required awarding unit prior approval, are entirely delegated to the Institutional Prior Approval System. Prior approval of the awarding unit still pertains for the transfer of amounts previously awarded for trainee costs (stipends, tuition and fees) to other

categories of expense. All progress reports should specify the way in which essential program enhancement was achieved through the availability of training related expenses.

NIH ISSUES NOTICE RELEVANT TO TAXABILITY OF NATIONAL RESEARCH SERVICE AWARD STIPENDS

The Director, NIH, recently requested an IRS opinion as to whether NRSA's made under section 472 of the Public Health Service Act (42 U.S.C. 289 1-1), as amended by section 924 of the Omnibus Reconciliation Act of 1981 (Pub.L.97-35), are entitled to treatment as scholarships or fellowship grants within the meaning of section 117 of the Internal Revenue Code in light of statutory amendments made to section 472 in 1981 and certain facts concerning the program as it has developed over the past several years.

In his response dated June 24, 1983, Gerald G. Portney, Associate Chief Counsel (Technical), Office of Chief Counsel, IRS, Department of the Treasury, stated

"...it is our opinion that National Research Service Awards received by individuals pursuant to the provisions of the National Research Service Awards Act of 1974, as amended, are excludable from the recipients' gross incomes as scholarships or fellowship grants under section 117 of the Code."

Section 117 is that part of the Internal Revenue Code which applies to the treatment of all scholarships and fellowships. In general, it provides that, subject to certain limitations, degree candidates may exclude the full amount of their scholarships or fellowships from their gross income for purposes of taxation and non-degree candidates may exclude up to \$300 per month of such awards for up to 36 months.

The NIH notice states that interpretation and implementation of the tax laws are the domain of the IRS and the courts. The purpose of their notice is to inform interested parties that there has been a new statement of opinion concerning the law. NIH takes no position on what this change may mean for a particular taxpayer, and it does not have the authority to dispense tax advice. Individuals should consult their local IRS office about the applicability of the new law to their situations and for information on the proper steps to be taken regarding their tax obligations or claims for current and past tax years.

NIH ISSUES "ADDENDUM TO INDIVIDUAL NRSA APPLICATIONS" AND REVISED "INFORMATION STATEMENT"

The Office of Research Administration has recently received an "addendum" relevant to Part II (Sponsor) Facilities and Commitment Statement and a revised "Information Statement" dated March 1, 1983, to be used in conjunction with PHS Application 416-1. A copy of the revised information and/or complete application kit may be obtained from ORA by calling 373-5925.

NATIONAL INSTITUTE OF JUSTICE ANNOUNCES MAJOR GRANT INITIATIVE

The National Institute of Justice plans to award \$1.6 million in new grants for six to ten projects in each of three research areas: crime control theory and policy; performance and productivity measurement; and classification, prediction and methodology development. Although the announcement was received

too late to include the first submission deadline of late August 1983 in last month's Newsletter, a second deadline has been tentatively scheduled for late November 1983. Copies of solicitations can be obtained from ORA by calling 373-2771 or from the National Criminal Justice Reference Service, Box 6000, Rockville, MD 20850, (301) 251-5500.

NEH BASIC RESEARCH SPECIAL DEADLINE

The National Endowment for the Humanities has announced a special fall deadline in its Basic Research Program (formerly General Research Program) for proposals eligible in the Project Research category. This category supports collaborative or coordinated research projects involving two or more scholars or individual researchers working with consultants, research assistants, clerical or technical support personnel. Projects are expected to lead to publishable products. Applications responding to this special deadline should be postmarked no later than October 21, 1983. For further information, please call or write: Basic Research Program, Division of Research Programs, National Endowment for the Humanities, 1100 Pennsylvania Avenue N.W., Room 319-Gs, Washington, DC 20506, (202) 786-0207.

NATIONAL ENDOWMENT FOR THE HUMANITIES TRAVEL TO COLLECTIONS

The National Endowment for the Humanities has established a new Travel to Collections Program to enable American scholars to travel to research collections of libraries, archives, museums, and other repositories in North America and Western Europe. The program provides grants of \$500 for consultation of materials essential to a scholar's research but not readily available near the scholar's home or regular place of work. Awards will be made to help defray travel costs, subsistence and lodging, reproduction and photoduplication costs, and certain other associated research expenses. Two deadlines have been established. Complete proposals must be received on or before September 15, 1983 for travel to begin after January 1, 1984. Proposals must be received on or before January 15, 1984 for travel to begin after June 15, 1984. For further information, applications, and instructions, please call or write: Program Officer, Travel to Collections, Division of Research Programs, Room 319-GT, National Endowment for the Humanities, 1100 Pennsylvania Avenue N.W., Washington, DC 20506 (202), 786-0207.

APPLE EDUCATION FOUNDATION

The Apple Education Foundation will support two-year collaborative, school-based implementation and teacher training projects which demonstrate the promise of microcomputer technology to develop active learning environments. These environments can support the student as a problem solver, and as an effective communicator. They can provide the tools for developing learning strategies and information processing skills. The mission is to create a vision of innovative uses of microcomputers as tools of the learner, with a view of microcomputers not as "add-ons" to the curriculum, but as tools for improving learning in all curriculum areas. See Nonfederal deadline section for application due dates.

INSTITUTIONAL RESEARCH GRANT AWARD FROM AMERICAN CANCER SOCIETY

The University of Minnesota has been awarded a renewal of its Institutional Research Grant from the American Cancer Society (ACS) for 1983-1984. This fund is intended to serve as "seed" money permitting the initiation of promising new projects or novel ideas, especially by junior investigators, in cancer-related research. Encouragement of cancer research may also be facilitated by support of seminars on cancer-related topics, and by graduate student research. The fund is administered by a Dean's Committee of the Medical School with representation from other biologically-oriented colleges. The Committee is now accepting applications for individual grants not to exceed \$7,500 from this fund with a deadline date of November 1, 1983. Instructions and application forms may be obtained from the Dean's Committee for the ACS Institutional Research Grant, Room 421 Masonic Cancer Center, 373-4318.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, agency deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

THE ORA CONTACT NUMBERS FOR FEDERAL DEADLINE/PROGRAM INFORMATION ARE AS FOLLOWS:

DEPARTMENT OF HEALTH AND HUMAN SERVICES	373-5925
DEPARTMENT OF EDUCATION	373-5925
OTHER FEDERAL AGENCIES	373-2771

NATIONAL INSTITUTES OF HEALTH

DRR, Small Grants for Pilot Projects, Biotechnology Resources Program	October	1
Fogarty International Center, Biomedical Research Fellowship Opportunities Abroad	October	1
Fogarty International Center, Irish Medical Research Council Fellowships	October	1
Fogarty International Center, Eastern European Scientist Exchange Program	Open	
NCI, NRSA'S in All Basic and Applied Sciences Relevant to Cancer:		
Institutional Training Grants	October	1
Individual Postdoctoral Fellowships	October	1
Senior Postdoctoral Fellowships	October	1
NCI, Clinical Cancer Education Program	October	1
NCI, The NCI Clinical Investigator Award	October	1
NCI, RFA: Cooperative Agreements for National Cooperative Drug Discovery Groups	October	17
NCI, RFA: NIH-NCI-DRCCA-DCB-83-5, Cooperative Agreements for a Phase III Trial of a Low Fat Diet in Women With Stage II Breast Cancer (Letter of intent by 9/15/83)	October	17

NCI, Surgical Oncology Research:		
Program Project Grants	October	1
Individual Research Grants	November	1
NCI, Use of Growth Factors, Maturation Factors and Anti-Growth Factors in Animal Tumor Models-Biological Response Modifiers Research	November	1
NCI, Immunohistochemical Classification of Solid Tumors	November	1
NCI, Development of Myeloma or Human B Cell Lines Suitable for Somatic Cell Hybridization to Produce Human Monoclonal Antibodies	November	1
NCI, Development of Genetically Engineered Cell Products-Biological Response Modifiers Research	November	1
NCI, Use of Tumor Associated Antigens As Immunogens-Biological Response Modifiers Research	November	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines-Biological Response Modifiers Research	November	1
NCI, Oncogene Products in Irradiated Cells and Tissue	November	1
NCI, Specific Radiation-Induced Chromosomal Abnormalities and Cancer	November	1
NCI, Smokeless Tobacco and Non-Tobacco Smoking Product Use: Identification of Initiation Mechanisms in Children and Adolescents (Letter of intent recommended prior to submission)	November	1
NCI, Tobacco and the Blue Collar Worker (Letter of intent recommended prior to submission)	November	1
NCI, Non-Invasive Approach for Detection of Lung Cancer	November	1
NCI, Specific Immunoassays for Cancer Associated Isoenzymes	November	1
NCI, RFA: NIH-NCI-DRCCA-82-17, Patterns of Care for Elderly Cancer Patients: Implications for Cancer Control (Letter of intent recommended by 9/15)	December	6
NHLBI, Minority Hypertension Research Development Summer Program (Letter of intent by 5/15)	September	15
NHLBI, Clinical Investigator Award	September	15
NHLBI, RFA: RFA-NIH-NHLBI-DBDR-83-G-K, Assays Methods to Detect the Carrier State of Acquired Immunodeficiency Syndrome (AIDS)	October	17
NHLBI, Transfusion Medicine Academic Awards (Each School of Medicine or Osteopathy in the U.S. or its possessions and territories is eligible for <u>one</u> award)	October	17
NHLBI, School Health Promotion and Cardiovascular Health of Children and Adults	November	1
NHLBI, New Investigator Award-Research Grant	November	1
NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of intent recommended 30 days prior to established receipt deadline)		
Individual Postdoctoral Fellowships	October	1
Institutional Training Programs	October	1
Clinical Investigator Awards	October	1
Senior Fellowships	October	1
NIA/NIAID, Research on Infectious Diseases in the Elderly (Letter of intent recommended 30 days prior to established receipt deadline)		
Research Grants	November	1
NIA Small Grant Awards for Pilot Projects	October	1
NIA Program Project Research Grants	October	1
NIA/NIAID/NIADDK/NICHD/NIDR/NIEHS/NEY/NHLBI, Physician Scientist Award	October	17

NIA, Cellular Aging Research: Differentiated Cells in Culture:		
Institutional Training Grants	October	1
Individual Postdoctoral Fellowships	October	1
Program Project Grants	October	1
Clinical Investigator Awards	October	1
Research Career Development Awards	October	1
New Investigator Research Award	November	1
Research Grants	November	1
NIA, Social And Behavioral Research on Aging		
Institutional Training Grants	October	1
Program Project Grants	October	1
Research Career Development Awards	October	1
Small Grants	October	1
New Investigator Research Award	November	1
Research Grants	November	1
NIA, Health Functioning in Middle and Later Years		
Institutional Training Grants	October	1
Program Project Grants	October	1
Research Career Development Awards	October	1
Small Grants	October	1
New Investigator Research Award	November	1
Research Grants	November	1
NIA/NIAID/NIADDK/NCI/NICHD/NIDR/NIEHS/NEY/NIGMS/NHLBI/NINCDS, Research Grants for Clinical Testing of Orphan Products for Rare Diseases		
	November	1
NIADDK, Clinical Investigator Award	October	1
NIADDK, Research on Benign Prostatic Hyperplasia	November	1
NIAID, RFA: 83-3, Mycology Research Units (Letter of intent encouraged)	October	14
NIAID, RFA-NIH-NIAID-83-1, Asthma and Allergic Disease Centers and Asthma and Allergic Disease Centers for Immunodermatologic Studies	October	15
NIAID, RFA-NIH-NIAID-83-2, Program Projects in Mechanism of Immunologic Diseases (Letter of intent encouraged)	October	15
NICHD, Clinical Investigator Award	October	1
NICHD, Behavioral/Biomedical Interdisciplinary Research Training:		
Institutional Grant	October	1
Individual Postdoctoral Fellowships	October	1
NICHD, RFA: NIH-NICHD-CR-83-2, Reproductive Disorders	October	17
NICHD, RFA: NIH-NICHD-CPR-83-3, Human Female Infertility	October	17
NICHD, RFA: NIH-NICHD-CPR-DBSB-83-1, Antecedents and Consequences of Voluntary Contraceptive Sterilization (NICHD requests that the Demographic and Behavioral Sciences Branch be notified at least one month prior to submission)	December	15
NIEHS, The NIEHS Clinical Investigator Award	October	1
NIEHS, Special Program Areas of Interest: A) Alternative Designs of Standard Cancer Bioassay; B) Studies Relating Human Health Effects to PBB; C) Immunotoxicology of Environmental Agents; D) Biological Effects of Chemical Interactions; E) Environmental Medicine		
	November	1
NIH, Research Grants, Renewals	October	1
NIH, Research Career Development Awards	October	1
NIH, Individual Postdoctoral Fellowships	October	1
NIH, Institutional Training Programs	October	1

NIH, Support of Meetings (Scientific, U.S.A. or International)	October	1
NIH, Research Grants, New	November	1
NIH, New Investigator Awards	November	1
NINCDS, Teacher-Investigator Development Award	October	1
NINCDS, Research Grants on Small Animal Models for Screening Antiepileptic Drugs	November	1
NINCDS, Research Grants on Hormones and Epilepsy	November	1

NIH ANNUAL DEADLINES

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award for each: School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1
NHLBI, Preventive Cardiology Academic Award	April	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1
NIA, Academic Award	July	1
NIADDK/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIGMS, NIGMS Shared Instrumentation Grants	February	15
NIH, NRSA for Short-Term Training of Students in Health Professional Schools	May	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, Renewals	October	1
ADAMHA, Individual Postdoctoral Fellowships	October	1
ADAMHA, Institutional Training Grants, NRSA	October	1
ADAMHA, Research Scientist Development/Research Scientist Award	October	1
ADAMHA, Research Grants, New	November	1
NIAAA/NIDA/NIMH, Individual NRSA	October	1
NIAAA/NIDA/NIMH, Institutional NRSA Training	October	1
NIAAA/NIDA/NIMH, ADAMHA Prevention Research New Investigator Award	November	1
NIDA, Drug Abuse Prevention Research	October	1
NIDA, Marijuana Research Grants Program	November	1
NIDA, Youth Drug Abuse Treatment Research Grants	November	1
NIDA, Family Therapy and Prevention Research	November	1
NIDA, Drug Abuse Prevention Research	November	1
NIMH, Research Grants Program	November	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Unsolicited Proposals, Health Services Research and Development Grants	November	1
Conference Grants (Preliminary submission required prior to formal application)	Open	

FOOD AND DRUG ADMINISTRATION

Research Grants, Renewals	October	1
Research Grants, New	November	1

DEPARTMENT OF EDUCATION

Strengthening Research Library Resources Program	November	14
National Institute of Handicapped Research (CONTINUATIONS ONLY)		
Research and Demonstration Projects	*	
Research and Training Centers	*	
Rehabilitation Engineering Centers	*	
Knowledge, Dissemination and Utilization Projects	*	

*Submission required 90 days prior to end of current budget period

NATIONAL INSTITUTE OF EDUCATION

Research Grants on Law and Government Studies in Education: Final Application (Preapplication required 1/4/84)	March 2	1984
Small Grants	Jan 4	1984
Unsolicited Proposals	Feb 3	1984

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Nursing Research Program Grants	October	1
Nursing Research Emphasis Grants for Doctoral Programs in Nursing	November	1
Advanced Nurse Training Program	November	1
Nursing Research Project Grants	November	1
Health Careers Opportunity Program	November	4

HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants	November	7
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NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

U.S.-Australia Cooperative Science (NSF 81-49, rev. 1/82). Seminar, cooperative research exchange, and no cost proposals with requested effective dates falling between July 1 and December 1, 1984. Contact Mr. Alan Milsap (202) 357-9558	October	1
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American Heart Association	
Grants-in-Aid	October 1
Supplemental Funds for Research Sabbatical Positions	September 30
American Heart Association-Minnesota Affiliate	
Fellowships	November 15
Grant-in-Aid	December 15
American Heart Association-San Francisco Chapter	
Supplemental Funds for Research Sabbatical Positions	September 30
American Lung Association	
Research Grants	November 1
Dalsemer Research Scholar Award	November 1
Trudeau Scholar	October 1
Training Fellowships	October 1
Research Training Fellowship	October 1
American Philosophical Society	
Grants-in-Aid	Various--Contact ORA
Apple Education Foundation	
Concept Paper	September 30
Full Proposal (by invitation only)	November 4
Center for Field Research (Earthwatch)	
Latin America Field Research Grants	No Deadline
Cystic Fibrosis	
Clinical Fellowship	October 1
Engineering Foundation	
Pre-proposals	No Deadline
Gas Research Foundation	
Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline
German Marshall Fund	
Research Fellowship	November 30
International Society of Arboriculture	December 1
Juvenile Diabetes Foundation	
Career Development Awards (must request application in July)	October 1
Postdoctoral Fellowships (must request application in July)	October 1
Kellogg Foundation	
Expanding Opportunities for Adult Continuing Education	Continuous
Health Promotion and Disease Prevention Programs	Continuous
Coordinated, Cost-Effective Health Service Programs	Continuous
Improving Human Well Being through Productive Agriculture	Continuous
Fostering Leadership Capacity	Continuous
March of Dimes	
Basic	October 1
Basil O'Connor Starter Research Grants	Continuous
Minnesota Humanities Commission	
General Grants (Over \$500): Draft Applications	October 21
General Grants (Over \$500): Final Applications	November 11
Small Grants (Under \$500)	
Final Applications due 6 weeks prior to start date	No Deadline
Media Grants: Final Applications	November 11
Minnesota Medical Foundation	September 30
	November 30
	No Deadline
Charles Stewart Mott Foundation (Letter of inquiry)	
Muscular Dystrophy Association	
Postdoctoral Fellowship	December 31
Grants-in-Aid	December 31

National Fund for Medical Education		
Grants for Innovative Programs in Medical Education	October	1
Dissemination Mini-Grants	October	1
Postdoctoral Fellowships in Medical Education	November	1
National Geographic Society		
Grants-in-Aid	No	Deadline
National Kidney Foundation		
Research Fellowships	October	1
National Pork Producers	December	15
Orthopaedic Research and Education Foundation		
Research Grants	October	15
Pharmaceutical Manufacturers Association Foundation		
Fellowships for Careers in Clinical Pharmacology	October	1
Faculty Development Award in Clinical Pharmacology	October	1
Developmental Grant for Clinical Pharmacology Units	January	15
Research Corporation		
(Recommend submission 60 to 120 days prior to agency reviews in October, February and May)	No	Deadline
Squibb Corporation	September	30
Technicon Instruments Corporation		
Grants for Research in Biomedical and Industrial Instrumentation		
Pre-proposals	No	Deadline
University Genetics Company (UGEN)	No	Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

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3/1/83

ORARDC Newsletter

Published Jointly by the Office of Research Administration and the Research Development Center

OCTOBER 1983

VOLUME XIII/NO. 4

NEW FRINGE BENEFIT RATES

The fringe benefit rates will change effective September 1, 1983. The rates had to be adjusted earlier than expected because of an error in the closing ledger entry. This error made a difference of over \$2 million in the fringe benefit accounts, which caused the rates that were in effect from July 1, 1983 to be lower than they ought to have been. It is expected, therefore, that the rates will increase; however, at this time the magnitude of the increase cannot be determined. Also, as of September 1, 1983, the responsibility of fringe benefit rate development has been shifted to the Budget Office. If there are any questions about fringe benefits, call Leslie Stagg at 376-7503.

NOTICE ISSUED RELEVANT TO NIH PROGRAM PROJECT GRANT APPLICATIONS AND AVAILABILITY OF REVISED NCI GUIDELINES

The National Institutes of Health (NIH) makes a substantial commitment to the support of research through the program project grant mechanism. Approximately one-fifth of the research project support is currently provided through the program project grant. A program project grant is intended to support a broadly based multidisciplinary research program that has a well-defined central research focus or objective. The grant consists of a number of interrelated projects that contribute to the program objective. The grant may also include common supporting resources (cores) required for the conduct of the component research projects. Interrelationships between component projects result in a greater contribution to the program goals than if each project were pursued separately.

In recent years, NIH staff have noted with concern the differing concepts of what appropriately constitutes a program project. Members of the research community have expressed similar concerns, focusing primarily on the adequacy and uniformity of the peer review process for program projects. A committee of NIH staff responsible for the review process is developing new proposed guidance for agency staff and applicants. Any major changes will reflect a consensus of all institutes using the program project mechanism. Concurrently, a subcommittee of the National Cancer Advisory Board (NCAB) has studied this award mechanism in detail and has recommended the adoption of several changes in NCI's program project guidelines. In particular, the NCAB has recommended greater attention to the cohesiveness of the entire program project in the review process. The NCAB suggests that individual projects be reviewed for scientific merit not only as free-standing entities but also in the context of the program project as a whole. In this vein, some projects may be judged irrelevant to the

program while other projects may be recognized as of particular value when related to the program as a whole.

NCI's revised guidelines will be implemented with respect to applications received for the October 1983 deadline. Copies of the guidelines will be sent to all NCI program project grantees and to others who have indicated their intention to submit an application for the October receipt date, and will be available on request from: Referral Officer, Grants Review Branch, Division of Extramural Activities, National Cancer Institute, 2115 East Jefferson Street, Room 401, Rockville, MD 20852.

FOOD AND DRUG ADMINISTRATION MATERIALS

The Office of Research Administration has recently received updated materials describing FDA's assistance programs, and the application and award process. Deadlines are November 1, March 1 and July 1. A copy of the material may be obtained from ORA at 373-5925.

NSF-POSTDOCTORAL RESEARCH FELLOWSHIP IN PLANT BIOLOGY

The official announcement of the second year of fellowships is being prepared by NSF with an anticipated closing date of late November. Potential fellows must request applications from NSF. For current information and application materials, contact Dr. H. T. Huang, NSF, Division of Physiology, Cellular and Molecular Biology (202) 357-9782.

DEPARTMENT OF THE ARMY

The U.S. Army Research Office (ARO), Electronics Division, has announced a long-term program to enhance the nation's capability in Artificial Intelligence. One or more institutions of higher learning with graduate-level programs will be selected to develop a capability for research, education, and training in Artificial Intelligence. The institutions selected will also be required to provide assistance to Army laboratories in building an internal Artificial Intelligence capability. Details of this program are contained in the ARO Program Guide Supplement entitled, Artificial Intelligence Research and Education. Deadline for submission of proposals to ARO is December 1, 1983. For additional information, contact Dr. Jimmie R. Suttle, Director, Electronics Division, U.S. Army Research Office, P.O. Box 12211, Research Triangle Park, NC 27709, (919) 549-0641.

TECHNICON INSTRUMENTS CORPORATION

Technicon Instruments Corporation offers awards to a maximum of \$100,000 for a one-year period, to identify and support significant academic research on novel concepts or technologies in biomedical and industrial instrumentation which can establish the basis for the development of products with significant commercial value. Both basic and applied research proposals will be considered. A proposal may involve a new concept or request support for development of a process or device in biomedical/diagnostic and industrial areas. For further information call ORA at 373-1970.

INSTITUTIONAL RESEARCH GRANT AWARD FROM AMERICAN CANCER SOCIETY

The University of Minnesota has been awarded a renewal of its Institutional Research Grant from the American Cancer Society (ACS) for 1983-1984. This fund is intended to serve as "seed" money permitting the initiation of promising new projects or novel ideas, especially by junior investigators, in cancer-related research. Encouragement of cancer research may also be facilitated by support of seminars on cancer-related topics, and by graduate student research. The fund is administered by a Dean's Committee of the Medical School with representation from other biologically-oriented colleges. The Committee is now accepting applications for individual grants not to exceed \$7,500 from this fund with a deadline date of November 1, 1983. Instructions and application forms may be obtained from the Dean's Committee for the ACS Institutional Research Grant, Room 421 Masonic Cancer Center, 373-4318.

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OTHER FEDERAL AGENCIES	373-2771

NATIONAL INSTITUTES OF HEALTH

Fogarty International Center, Eastern European Scientist Exchange Program	Open	
NCI, RFA: Cooperative Agreements for National Cooperative Drug Discovery Groups	October	17
NCI, RFA: NIH-NCI-DRCCA-DCB-83-5, Cooperative Agreements for a Phase III Trial of a Low Fat Diet in Women With Stage II Breast Cancer (Letter of intent by 9/15/83)	October	17
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NCI, Non-Invasive Approach for Detection of Lung Cancer	November	1
NCI, Specific Immunoassays for Cancer Associated Isoenzymes	November	1
NCI, RFA: NIH-NCI-DCCP-CPCB-83-13, New Natural and Synthetic Inhibitors of Carcinogenesis	November	15
NCI, RFA: NIH-NCI-DCT-CTEP-83-11, Exploratory Grant (P20) to Support the Planning and Development of Research Programs in Surgical Oncology	November	15
NCI, RFA: NIH-NCI-DRCCA-OD-83-8, The Use of Self Help Strategies in Smoking Prevention and Cessation (Letter of intent by 10/15/83)	December	1
NCI, RFA: NIH-NCI-DRCCA-OD-83-7, Longitudinal Evaluation of School-Based Smoking Prevention Programs (Letter of intent by 10/15/83)	December	1
NCI, RFA: NIH-NCI-DRCCA-82-17, Patterns of Care for Elderly Cancer Patients: Implications for Cancer Control (Letter of intent recommended by 9/15)	December	6
NCI, RFA: NIH-NCI-DRCCA-OD-83-10, Development and Education of Smoking Prevention and Cessation Interventions Using the Mass Media (Letter of intent by 10/15/83)	January	1
NCI, RFA: NIH-NCI-DRCCA-OD-83-9, Evaluation of Physician/Dentist Delivered Interventions for Smoking Prevention and Cessation (Letter of intent by 10/15/83)	January	1
NCI, Clinical Cancer Education Program	February	1
NCI, The NCI Clinical Investigator Award	February	1
NCI, Surgical Oncology Research: Program Project Grants	February	1
Individual Research Grants	November	1
NHLBI, RFA: RFA-NIH-NHLBI-DBDR-83-G-K, Assays Methods to Detect the Carrier State of Acquired Immunodeficiency Syndrome (AIDS)	October	17
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NIA, Health Functioning in Middle and Later Years	
Institutional Training Grants	February 1
Program Project Grants	February 1
Research Career Development Awards	February 1
Small Grants	February 1
New Investigator Research Award	November 1
Research Grants	November 1
NIA/NIAID/NIADDK/NCI/NICHD/NIDR/NIEHS/NEY/NIGMS/NHLBI/NINCDS, Research Grants for Clinical Testing of Orphan Products for Rare Diseases	
	November 1
NIADDK, Research on Benign Prostatic Hyperplasia	November 1
NIADDK, The Immune Base of Renal Disease	November 1
NIADDK, Clinical Investigator Award	February 1
NIAID, RFA: 83-3, Mycology Research Units (Letter of intent encouraged)	October 14
NIAID, RFA-NIH-NIAID-83-1, Asthma and Allergic Disease Centers and Asthma and Allergic Disease Centers for Immunodermatologic Studies	October 15
NIAID, RFA-NIH-NIAID-83-2, Program Projects in Mechanism of Immunologic Diseases (Letter of intent encouraged)	October 15
NIAID/NINCDS, Research Grants in the Field of Nervous System Modulation of Immune Responses and Interactions Between the Nervous and Immune Systems	November 1
NICHD, RFA: NIH-NICHD-CR-83-2, Reproductive Disorders	October 17
NICHD, RFA: NIH-NICHD-CPR-83-3, Human Female Infertility	October 17
NICHD, RFA: NIH-NICHD-CPR-DBSB-83-1, Antecedents and Consequences of Voluntary Contraceptive Sterilization (NICHD requests that the Demographic and Behavioral Sciences Branch be notified at least one month prior to submission)	December 15
NICHD, Clinical Investigator Award	February 1
NICHD, Behavioral/Biomedical Interdisciplinary Research Training:	
Institutional Grant	February 1
Individual Postdoctoral Fellowships	February 1
NIEHS, Special Program Areas of Interest: A) Alternative Designs of Standard Cancer Bioassay; B) Studies Relating Human Health Effects to PBB; C) Immunotoxicology of Environmental Agents; D) Biological Effects of Chemical Interactions; E) Environmental Medicine	
	November 1
NIH, Research Grants, New	November 1

NIH, New Investigator Awards	November	1
NIH, Research Grants, Renewals	February	1
NIH, Research Career Development Awards	February	1
NIH, Individual Postdoctoral Fellowships	February	1
NIH, Institutional Training Programs	February	1
NIH, Support of Meetings (Scientific, U.S.A. or International)	February	1
NINCDS, Research Grants on Small Animal Models for Screening Antiepileptic Drugs	November	1
NINCDS, Research Grants on Hormones and Epilepsy	November	1
NINCDS, Teacher-Investigator Development Award	February	1

NIH ANNUAL DEADLINES

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <u>for each</u> : School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1
NHLBI, Preventive Cardiology Academic Award	April	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1
NIA, Academic Award	July	1
NIADDK/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIGMS, NIGMS Shared Instrumentation Grants	February	15
NIH, NRSA for Short-Term Training of Students in Health Professional Schools	May	1

CENTERS FOR DISEASE CONTROL

NIOSH, Research and Demonstrations Relating to Occupational Safety and Health:		
Regular Research	November	1
Small Grants	February	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, New	November	1
ADAMHA, Research on the Prevention of ADM Disorders in Children and Adolescents	November	1
ADAMHA, Research Grants, Renewals	February	1
ADAMHA, Individual Postdoctoral Fellowships	February	1
ADAMHA, Institutional Training Grants, NRSA	February	1
ADAMHA, Research Scientist Development/Research Scientist Award	February	1
NIAAA/NIDA/NIMH, Individual NRSA	February	1
NIAAA/NIDA/NIMH, Institutional NRSA Training	February	1
NIAAA/NIDA/NIMH, ADAMHA Prevention Research New Investigator Award	November	1
NIDA, Marijuana Research Grants Program	November	1
NIDA, Youth Drug Abuse Treatment Research Grants	November	1
NIDA, Family Therapy and Prevention Research	November	1

NIDA, Drug Abuse Prevention Research	November	1
	February	1
NIMH, Research Grants Program	November	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Unsolicited Proposals, Health Services Research and Development Grants	November	1
Grants for Health Services Dissertation Research	November	1
Conference Grants (Preliminary submission required prior to formal application)	Open	

FOOD AND DRUG ADMINISTRATION

Research Grants, New	November	1
Research Grants, Renewals	February	1

DEPARTMENT OF EDUCATION

Fulbright-Hays Group Projects Abroad	October	28
Fulbright-Hays Faculty Research Abroad	October	28
Fulbright-Hays Doctoral Dissertation Research Abroad	October	28
Undergraduate International Studies and Foreign Language Program:		
New Proposals	October	31
Continuation Proposals	January	10
Strengthening Research Library Resources Program	November	14
National Institute of Handicapped Research (CONTINUATIONS ONLY)		
Research and Demonstration Projects	*	
Research and Training Centers	*	
Rehabilitation Engineering Centers	*	
Knowledge, Dissemination and Utilization Projects	*	

*Submission required 90 days prior to end of current budget period

NATIONAL INSTITUTE OF EDUCATION

Research Grants on Law and Government Studies in Education:		
Final Application (Preapplication required 1/4/84)	March	2
Small Grants	January	4
Unsolicited Proposals	February	3

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Grants for Predoctoral Training in Family Medicine	October	31
Nursing Research Emphasis Grants for Doctoral Programs in Nursing	November	1
Advanced Nurse Training Program	November	1
Nursing Research Project Grants	November	1
Health Careers Opportunity Program	November	4
Grants for Faculty Development in Family Medicine	November	7
Nursing Research Program Grants	February	1

HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants	November	7
Preventive Services Demonstrations	November	10
Research Centers	November	10

NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

U.S.-United Kingdom Cooperative Science. Cooperative research projects, joint seminars, and long-term research visits. Contact Ms. Marilyn Rurak (202) 357-7554	November	1
U.S.-Argentina Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Dr. Harold Stolberg (202) 357-9563	November	1
U.S.-Brazil Cooperative Science (NSF-80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Dr. Harold Stolberg (202) 357-9563	November	1
U.S.-Mexico Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Ms. Christine French (202) 357-9563	November	1
U.S.-Venezuela Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Ms. Christine French (202) 357-9563	November	1
NATO Postdoctoral Fellowships in Science (NSF 83-63). Contact Dr. Michael Frodyma (202) 357-7536	November	8
Mathematical Sciences. Postdoctoral Research Fellowships. Apply to the American Mathematical Society, P.O. Box 6248, Providence, RI 02940. Contact the Special Projects Program, Mathematical Sciences Section, NSF (202) 357-9764 or Dr. William LeVeque, American Mathematical Society (401) 272-9500	November	15
Mathematical Sciences. Regional Conference Proposals. Contact the Special Projects Program, Mathematical Sciences Section, NSF (202) 357-9764 or Dr. Marcia Sward, Mathematical Association of America, 1529 18th St. NW, Washington, DC 20036 (202) 387-5200	November	15
Graduate Fellowships (NSF 83-64). Contact Dr. Douglas Chapin (202) 357-7536. Announcement and application materials available from Fellowship Office, National Research Council, 2101 Constitution Ave. NW, Washington, DC 20418 (202) 334-2872	November	23

Minority Graduate Fellowships (NSF 83-65). Contact Dr. Douglas Chapin (202) 357-7536. Announcement and application materials available from Fellowship Office, National Research Council, 2101 Constitution Ave. NW, Washington, DC 20418 (202) 334-2872	November	23
Scientific Computing Research Equipment for Mathematical Sciences. Contact Dr. Alvin Thaler (202) 357-9764	December	1
Engineering Research Initiation. Contact (202) 357-9834	December	1
Research Initiation Award-Information Science and Technology Research Program. Contact (202) 357-9572	February	4

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Biochemistry. Contact Ms. Estella Engel (202) 357-7945	November	1
Biophysics. Contact Dr. Kin-Ping Wong (202) 357-7777	November	1
Cellular Physiology. Contact Dr. Judith Willis (202) 357-7377	November	1
Cell Biology. Contact Dr. Wallace LeSturgeon (202) 357-7474	November	1
Developmental Biology. Contact Dr. Clifton Poodry or Dr. Jane Peterson (202) 357-7989	November	1
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	November	1
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	November	1
Computer Scientific Research (NSF 81-79). Contact Mr. Kent Curtis (202) 357-9747	November	1
Eastern Europe Cooperative Science. Proposals for cooperative research, seminars and workshops, and scientific visits for planning purposes. Contact Ms. Deborah Wince (202) 357-9516	November	1
U.S.-Latin America and Caribbean Cooperative Science (NSF 80-52). Proposals for cooperative research projects: Research-oriented workshops or scientific visits involving U.S. scientists in cooperation with scientists from any independent country of South America, Central America and the Caribbean, including Mexico. Contact Ms. Christine French or Dr. Harrold Stolberg (202) 357-9563	November	1
Ethics and Values in Science and Technology (NSF 83-62). Preliminary proposals. Contact Dr. Rachele Hollander (202) 357-7552	November	1

*NSF Proposals may be submitted for the following programs at any time of the year. It takes approximately six to nine months to process a proposal. Brochures indicated in parentheses may be ordered.

Anthropology. Contact Dr. John Yellen (202) 357-7804	*
Linguistics. Contact Dr. Paul Chapin (202) 357-7696	*
Memory and Cognitive Processes. Contact Dr. Joseph Young (202) 357-9898	*
Neurobiology. Contact Dr. Steven E. Kornguth (202) 357-7471	*
Psychobiology. Contact Dr. Fred Stollnitz (202) 357-7949	*

Sensory Physiology and Perception. Contact Dr. Terrence Dolan (202) 357-7428 *

Social and Developmental Psychology. Contact Dr. Richard Louttit (202) 357-9485 *

Biological Research Resources. Contact Dr. James Tyler (202) 357-7475 *

Doctoral Dissertation Research Contact Dr. James Edwards (202) 357-9588 *

Ecosystem Studies. Contact Dr. W. Franklin Harris (202) 357-9596 *

Science in Developing Countries. Contact Dr. Gordon Hiebert (202) 357-9537 *

U.S.-China Cooperative Science. Contact Dr. Pierre Perrolle or Mr. Alexander DeAngelis, Division of International Programs (202) 357-7393 *

U.S.-East Asia Cooperative Science (NSF 81-30). For projects with Indonesia, Malaysia, Thailand, and Singapore, contact Dr. Gordon Hiebert (202) 357-9537; for projects with the Philippines, contact Dr. Gerald A. Edwards (202) 357-9537 *

U.S.-New Zealand Cooperative Science. Contact Mr. Alan Milsap (202) 357-9558 *

U.S.-Eastern Europe Cooperative Science (NSF 81-27). Contact Miss Deborah Wince (202) 357-9516 *

Industry/University Cooperative Research Projects (NSF 80-31). Contact Dr. Frederick Betz (202) 357-7785 or Mr. Alex Schwarzkopf (202) 357-7527 *

Industry/University Cooperative Research Centers. Contact Mr. Robert Colton or Mr. Alex Schwarzkopf (202) 357-7527 *

Policy Research and Analysis (NSF 81-82). Contact Ms. Agnes Rhodes (202) 357-9689 *

Research in Information Science and Technology (NSF 81-34). Contact the Division of Information Science and Technology (202) 357-9572 *

Special Research Initiation Awards for New Investigators in Information Science and Technology (NSF 81-69). Contact the Division of Information Science and Technology (202) 357-9572 *

U.S.-Scandinavia and the Netherlands Cooperative Science. Contact (202) 357-7554 *

NATIONAL ENDOWMENT FOR THE HUMANITIES

Division of Research Programs	
Basic Research Program	October 21
Travel to Collections (for travel after 6/15/84)	January 15

NATIONAL INSTITUTE OF JUSTICE

Crime Control Theory and Policy (tentative deadline)	late November
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DEPARTMENT OF THE ARMY

Artificial Intelligence Research and Education

December 1

NONFEDERAL

THE ORA CONTACT NUMBER FOR NONFEDERAL DEADLINE/PROGRAM INFORMATION IS 373-1970.

American Cancer Society	
Research and Clinical Investigation Grant	November 1
American Chemical Society - Petroleum Research Fund	
Grants-in-Aid	No Deadline
American Council of Learned Societies	
Travel Grants for Humanists	November 1
Grants for Research in Chinese Studies	
(subject to funding)	December 15
East European Studies	December 15
Grants-in-Aid	December 15
American Diabetes Association	
Research Grant	November 15
Research and Development Award	December 1
Feasibility Grant Program	February 1
American Heart Association-Minnesota Affiliate	
Fellowships	November 15
Grant-in-Aid	December 15
American Lung Association	
Research Grants	November 1
Dalsemer Research Scholar Award	November 1
American Philosophical Society	
Grants-in-Aid	Various--Contact ORA
American Scandinavian Foundation	November 2
Center for Field Research (Earthwatch)	
Latin America Field Research Grants	No Deadline
Engineering Foundation	
Initiation Grants	December 1
Pre-proposals	No Deadline
Gas Research Foundation	
Telephone contact or letter of inquiry prior to	
submission of formal proposal	No Deadline
German Marshall Fund	
Research Fellowship	November 30
International Society of Arboriculture	December 1
Kellogg Foundation	
Expanding Opportunities for Adult Continuing Education	Continuous
Health Promotion and Disease Prevention Programs	Continuous
Coordinated, Cost-Effective Health Service Programs	Continuous
Improving Human Well Being through Productive Agriculture	Continuous
Fostering Leadership Capacity	Continuous
March of Dimes	
Basil O'Connor Starter Research Grants	Continuous
McKnight Foundation	
Basic Research in Plant Biology	December 1
Scholars Awards in Neuroscience	January 2

Minnesota Humanities Commission	
General Grants (Over \$500): Draft Applications	October 21
General Grants (Over \$500): Final Applications	November 11
Small Grants (Under \$500)	
Final Applications due 6 weeks prior to start date	No Deadline
Media Grants: Final Applications	November 11
Minnesota Medical Foundation	November 30
Charles Stewart Mott Foundation (Letter of inquiry)	No Deadline
Muscular Dystrophy Association	
Postdoctoral Fellowship	December 31
Grants-in-Aid	December 31
National Foundation for Ileitis and Colitis	February 1
National Fund for Medical Education	
Postdoctoral Fellowships in Medical Education	November 1
National Geographic Society	
Grants-in-Aid	No Deadline
National Multiple Sclerosis Society	
Research Grants	February 1
Postdoctoral Fellowship	February 1
Junior Faculty Award	February 1
National Pork Producers	December 15
Orthopaedic Research and Education Foundation	
Research Grants	October 15
Pharmaceutical Manufacturers Association Foundation	
Developmental Grant for Clinical Pharmacology Units	January 15
Research Corporation	
(Recommend submission 60 to 120 days prior to agency reviews in October, February and May)	No Deadline
Rockefeller Foundation	
Studies in the Humanities	October 14
Southeastern Poultry and Egg Association	No Deadline
Technicon Instruments Corporation	
Grants for Research in Biomedical and Industrial Instrumentation	
Pre-proposals	No Deadline
University Genetics Company (UGEN)	No Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

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ORA RDC Newsletter

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NOVEMBER 1983

VOLUME XIII/NO. 5

NEW FRINGE BENEFIT RATES

The fringe benefit rates shown below are in effect for billing purposes September 1, 1983 through June 30, 1984. The estimated rates are to be used for budgeting beyond June 1984.

	ACADEMIC %	CIVIL SERVICE %
Health Plan	4.1306	8.7366
Unemployment Compensation	.1559	.6763
Workers Compensation	.0000	.8332
Group Life	.8708	.2384
Retirement	13.3427	5.6000
F.I.C.A.	<u>6.0000</u>	<u>7.0000</u>
	24.5000	23.0845
Estimated rates to be used for budgeting beyond 6/84:	26.0000	24.0000

UNIVERSITY PATENT ADMINISTRATOR

The following memorandum was recently sent to academic staff from A. R. Potami, Director, Office of Research Administration:

I regret to announce that Mr. Donald R. Cassady, whose appointment I announced by memorandum of October 19, will not become University Patent Administrator. Mr. Cassady has, instead, accepted an industrial position in his home state.

This unexpected change will, unfortunately, delay further development of the University's technology transfer program. However, we are seeking to recruit a qualified replacement as quickly as possible. In the meantime, please direct all patent and licensing matters to my attention. We will continue to do our best to serve the faculty's needs.

NOTICE - DELAY IN IMPLEMENTATION OF REVISED NCI PROGRAM PROJECT GUIDELINES

In order to provide adequate time for applicants to use the revised National Cancer Institute (NCI) Program Project Guidelines in the development of their grant applications, NIH has delayed implementation of these guidelines to begin with applications received for the February 1984 receipt deadline, rather than the October 1983 deadline as announced in last month's ORA/RDC Newsletter. Guidelines will be forwarded to all program project grantees and will be available upon request from: Referral Officer, Grants Review Branch, Division of Extramural Activities, National Cancer Institute, 2115 East Jefferson Street, Room 401, Rockville, MD 20205.

NHLBI/NIH ISSUES GUIDELINES FOR DEMONSTRATION AND EDUCATION RESEARCH GRANTS

The National Heart, Lung and Blood Institute (NHLBI) has announced availability of the referenced guidelines. The intent of the NHLBI in issuing these guidelines is to provide advice to members of the scientific community interested in applying for demonstration and education research grants in the cardiovascular, pulmonary, and blood areas. These guidelines (1) define the concept of demonstration and education research, (2) describe the relationship of demonstration and education research to other phases of the spectrum of biomedical research, (3) describe the general characteristics of a demonstration and education research project, (4) list research topics of interest in the heart, lung, and blood programs, (5) suggest special considerations about approaches in grant applications, (6) describe the peer review process and the criteria by which applications are reviewed, and (7) provide a glossary of terms. Copies may be obtained from:

Director
Div. of Heart and Vascular Disease
NHLBI
Federal Building - Room 416
7550 Wisconsin Avenue
Bethesda, MD 20205
Telephone: (301) 496-2553

Director
Div. of Blood Diseases and Resources
NHLBI
Federal Building - Room 518A
7550 Wisconsin Avenue
Bethesda, MD 20205
Telephone: (301) 496-4868

Director
Division of Lung Diseases
NHLBI
Westwood Building - Room 6A16
5333 Westbard Avenue
Bethesda, MD 20205
Telephone: (301) 496-7208

Director
Division of Extramural Affairs
NHLBI
Westwood Building - Room 7A17
5333 Westbard Avenue
Bethesda, MD 20205
Telephone (301) 496-7416

NATIONAL INSTITUTE OF JUSTICE (NIJ) UNSOLICITED RESEARCH PROGRAM

NIJ has announced postmark deadlines of December 1 (Cycle 1) and June 1 (Cycle 2) for their fiscal year 1984 Unsolicited Research Program (URP). NIJ sponsors a limited number of projects that address significant issues pertaining to adult crime and criminal justice, that are of sound methodological design, and have potentially important implications for criminal justice policy, practice, research and/or theory. The range of funding for each grant will be from \$10,000 to \$120,000 for research of up to two years' duration. Copies of this solicitation may be obtained by sending a mailing label to: Announcement Requests--Unsolicited Research Program, National Criminal Justice Reference Service, Box 6000, Rockville, MD 20850.

NATIONAL INSTITUTE OF JUSTICE (NIJ) GRADUATE RESEARCH FELLOWSHIPS

NIJ has announced a competitive Graduate Research Fellowship Program to provide a limited number of fellowships which will be awarded to doctoral candidates, through sponsoring institutions, to support students engaged in the research and writing of doctoral dissertations in the area of criminal justice. Applicants must have completed all degree requirements except for research, writing and defense of the dissertation prior to awarding of the grant. The maximum award for each grant is \$11,000, which provides a stipend for the student, allowance for dependents, major project costs and certain university fees. Postmark deadlines of November 1 (Cycle 1) and March 2 (Cycle 2) have been established. Additional information may be obtained by sending a self-addressed mailing label to: Solicitation-Graduate Research Fellowship Program, National Criminal Justice Reference Service, Box 6000, Rockville, MD 20850.

DOD-AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR) COMPUTER SCIENCE PROGRAM

The Computer Science program focuses on discoveries that could prove useful in future military systems for command and control, communication, intelligence, data handling, avionics, and guidance. Programming theory, productivity research, reliability research and artificial intelligence research are the tools employed to achieve this objective. Disciplines supported include: Software Reliability Studies, Data Structures Analysis, Systems Analysis, Computer System Design Techniques, System Productivity Studies, Optical Signal Processing, Software Development, Artificial Intelligence, Computer Vision, Computer Science, and Image Analysis. There are no set deadlines. For further information, contact: John Thomas, Manager, Computational Sciences, Air Force Office of Scientific Research, Bolling Air Force Base, Washington, DC 20332, (202) 767-5026.

MINNESOTA SEA GRANT INSTITUTE CALL FOR PROPOSALS

The University of Minnesota Sea Grant Institute is currently soliciting preproposals for the 1984-85 grant year. Projects are funded which seek solutions to problems of Lake Superior waters and coastal areas, and provide economic benefit to Minnesota's marine industries. Preliminary, one-page proposals will be accepted until November 18, 1983. For the current grant year, the National Sea Grant College Program awarded the University of Minnesota \$625,000. The Minnesota Legislature also provided an additional \$108,000 for Sea Grant. Preproposals will be accepted in the areas of Lake Superior fisheries, recreational use of Lake Superior, water safety, coastal and lake environmental problems, marine biochemicals, and marine education and training. Preproposals which pass the preliminary screening will be developed into full proposals by January 3, 1984. Final proposals will then be selected based on outside reviews and included in the University's full proposal to the national Sea Grant College Program for funding beginning October 1, 1984. More detailed information and preproposal forms are available from the Minnesota Sea Grant Office, 116 Classroom-Office Building, St. Paul Campus. If you have questions, please call Director Donald McNaught at 373-1708.

COMMONWEALTH FUND

Academic health centers are eligible for \$4.8 million in grants to help restructure their programs. The Commonwealth Fund will award the aid to medical institutions that propose to restructure their programs and increase cooperation with other institutions. While medical centers will develop their own plans, possible proposals include creating multihospital systems developed by academic health centers and consolidated systems of medical education involving several medical schools. Grants will be made over the next three years. Applications are being accepted at any time and will be reviewed three times a year.

DISTILLED SPIRITS COUNCIL OF THE UNITED STATES

The purpose of this grants-in-aid program is to further knowledge of the causes, nature, extent, treatment, and prevention of the various problems related to the excessive or abusive use of alcohol. Qualified researchers in the medical, behavioral, and biological sciences are eligible to apply. The grant period is for one year and is generally not renewable. The funding is to be regarded as essentially a "seeding" program which can be implemented rapidly to stimulate new ideas and new concepts and to seek new knowledge, new techniques, and new methods of dealing more effectively with alcohol abuse problems and alcoholism.

G. HAROLD AND LEILA Y. MATHERS CHARITABLE FOUNDATION

This foundation is dramatically expanding its giving program for basic and medical research on a national basis. There are no formal application procedures or deadline dates--proposals are now being accepted; no grants will be made to individuals (i.e. institutional endorsement required). Write to Robert Senkier, Executive Director, The G. Harold and Leila Y. Mathers Foundation, 707 Westchester Avenue, White Plains, NY 10604, or call (914) 681-0852.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, agency deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

THE ORA CONTACT NUMBERS FOR FEDERAL DEADLINE/PROGRAM INFORMATION ARE AS FOLLOWS:

DEPARTMENT OF HEALTH AND HUMAN SERVICES	373-5925
DEPARTMENT OF EDUCATION	373-5925
OTHER FEDERAL AGENCIES	373-2771

NATIONAL INSTITUTES OF HEALTH

Fogarty International Center, Eastern European Scientist Exchange Program	Open
NCI, RFA: NIH-NCI-DCCP-CPCB-83-13, New Natural and Synthetic Inhibitors of Carcinogenesis	November 15
NCI, RFA: NIH-NCI-DCT-CTEP-83-11, Exploratory Grant (P20) to Support the Planning and Development of Research Programs in Surgical Oncology	November 15
NCI, RFA: NIH-NCI-DRCCA-OD-83-8, The Use of Self Help Strategies in Smoking Prevention and Cessation (Letter of intent by 10/15/83)	December 1
NCI, RFA: NIH-NCI-DRCCA-OD-83-7, Longitudinal Evaluation of School-Based Smoking Prevention Programs (Letter of intent by 10/15/83)	December 1
NCI, RFA: NIH-NCI-DRCCA-82-17, Patterns of Care for Elderly Cancer Patients: Implications for Cancer Control (Letter of intent recommended by 9/15)	December 6
NCI, RFA: NIH-NCI-DRCCA-OD-83-10, Development and Education of Smoking Prevention and Cessation Interventions Using the Mass Media (Letter of intent by 10/15/83)	January 1
NCI, RFA: NIH-NCI-DRCCA-OD-83-9, Evaluation of Physician/Dentist Delivered Interventions for Smoking Prevention and Cessation (Letter of intent by 10/15/83)	January 1
NCI, RFA: NIH-NCI-DRCCA-CCAB-83-17, Cancer Control Science Program: Program Projects (Letter of intent by 12/1/83)	January 15
NCI, RFA: NIH-NCI-DRCCA-CCAB-83-18, Cancer Control Research Units (Letter of intent by 12/1/83)	January 15
NCI, Clinical Cancer Education Program	February 1
NCI, The NCI Clinical Investigator Award	February 1
NCI, RFA: NIH-NCI-DCBD-DB-83-15, Application of Recombinant DNA Technology to Diagnosis of Cancer	February 15
NCI, Surgical Oncology Research: Program Project Grants	February 1
Individual Research Grants	March 1
NCI, Non-Invasive Approach for Detection of Lung Cancer	March 1
NCI, Specific Immunoassays for Cancer Associated Isoenzymes	March 1

NCI, Development of Cell Lines Producing Lymphokines and Cytokines	March	1
NCI, Determination of the Therapeutic Usefulness of Purified Cytokines and Anti-Cytokine Monoclonal Antibodies in Cancer Models	March	1
NCI, Development of Genetically Engineered Cell Products	March	1
NCI, Use of Tumor Associated Antigens as Immunogens	March	1
NHLBI, RFA: NIH-NHLBI-DBDR-84G-A, Hemorrhologic Contributions to Thrombosis (Letter of intent by 1/15/84)	February	15
NHLBI, School Health Promotion and Cardiovascular Health of Children and Adults	March	1
NHLBI, New Investigator Award-Research Grant	March	1
NIA/NIAID/NIADDK/NICHD/NIDR/NIEHS/NEY/NHLBI, Physician Scientist Award	February	1
NIA Small Grant Awards for Pilot Projects	February	1
NIA, Cellular Aging Research: Differentiated Cells in Culture:		
Institutional Training Grants	February	1
Individual Postdoctoral Fellowships	February	1
Program Project Grants	February	1
Clinical Investigator Awards	February	1
Research Career Development Awards	February	1
New Investigator Research Award	March	1
Research Grants	March	1
NIA, Social And Behavioral Research on Aging		
Institutional Training Grants	February	1
Program Project Grants	February	1
Research Career Development Awards	February	1
Small Grants	February	1
New Investigator Research Award	March	1
Research Grants	March	1
NIA, Health Functioning in Middle and Later Years		
Institutional Training Grants	February	1
Program Project Grants	February	1
Research Career Development Awards	February	1
Small Grants	February	1
New Investigator Research Award	March	1
Research Grants	March	1
NIA, Aging and Visual Perception		
Individual Postdoctoral Fellowships	February	1
Institutional Training	February	1
New Investigator Awards	March	1
Research Project Grants	March	1
NIA, Genetics, Molecular and Cellular Biology Programs	March	1
NIA/NIAID/NIADDK/NCI/NICHD/NIDR/NIEHS/NEY/NIGMS/NHLBI/NINCDS, Research Grants for Clinical Testing of Orphan Products for Rare Diseases	March	1
NIA Program Project Research Grants	June	1
NIADDK, RFA: NIADDK-83-1, Request for Cooperative Agreement, Cooperative Clinical Study of Dietary Modification on the Course of Progressive Renal Disease	December	15
NIADDK, Clinical Investigator Award	February	1
NIADDK, Research on Benign Prostatic Hyperplasia	March	1
NIADDK, The Immune Base of Renal Disease	March	1

NIAID/NINCDS, Research Grants in the Field of Nervous System Modulation of Immune Responses and Interactions Between the Nervous and Immune Systems	March	1
NICHD, RFA: NIH-NICHD-CPR-DBSB-83-3, Consequences of Pregnancy Losses for Adolescents	December	5
NICHD, RFA: NIH-NICHD-CPR-DBSB-83-1, Antecedents and Consequences of Voluntary Contraceptive Sterilization (NICHD requests that the Demographic and Behavioral Sciences Branch be notified at least one month prior to submission)	December	15
NICHD, RFA: NIH-NICHD-CPR-DBSB-83-2, The Causes and Consequences of Changes in Family and Household Structure	December	15
NICHD, Clinical Investigator Award	February	1
NICHD, Behavioral/Biomedical Interdisciplinary Research Training:		
Institutional Grant	February	1
Individual Postdoctoral Fellowships	February	1
NICHD, RFA: NIH-NICHD-CPR-RS-83-3, Human Male Infertility	February	15
NIEHS, Special Program Areas of Interest: A) Alternative Designs of Standard Cancer Bioassay; B) Studies Relating Human Health Effects to PBB; C) Immunotoxicology of Environmental Agents; D) Biological Effects of Chemical Interactions; E) Environmental Medicine	March	1
NIH, Research Grants, Renewals	February	1
NIH, Research Career Development Awards	February	1
NIH, Individual Postdoctoral Fellowships	February	1
NIH, Institutional Training Programs	February	1
NIH, Support of Meetings (Scientific, U.S.A. or International)	February	1
NIH, Research Grants, New	March	1
NIH, New Investigator Awards	March	1
NINCDS, Teacher-Investigator Development Award	February	1
NINCDS, Research Grants on Small Animal Models for Screening Antiepileptic Drugs	March	1
NINCDS, Research Grants on Hormones and Epilepsy	March	1
NINCDS, Research Grants Related to Basic Mechanisms in Phakomatoses	March	1

NIH ANNUAL DEADLINES

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <u>for each</u> : School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1
NHLBI, Preventive Cardiology Academic Award	April	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1
NIA, Academic Award	July	1
NIADDK/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIGMS, NIGMS Shared Instrumentation Grants	February	15
NIH, NRSA for Short-Term Training of Students in Health Professional Schools	May	1

CENTERS FOR DISEASE CONTROL

NIOSH, Research and Demonstrations Relating to
Occupational Safety and Health:

Small Grants	February	1
Regular Research	March	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, Renewals	February	1
ADAMHA, Individual Postdoctoral Fellowships	February	1
ADAMHA, Institutional Training Grants, NRSA	February	1
ADAMHA, Research Scientist Development/Research Scientist Award	February	1
ADAMHA, Research Grants, New	March	1
ADAMHA, Research on the Prevention of ADM Disorders in Children and Adolescents	March	1
NIAAAA/NIDA/NIMH, Individual NRSA	February	1
NIAAAA/NIDA/NIMH, Institutional NRSA Training	February	1
NIAAAA/NIDA/NIMH, ADAMHA Prevention Research New Investigator Award	March	1
NIDA, Marijuana Research Grants Program	March	1
NIDA, Youth Drug Abuse Treatment Research Grants	March	1
NIDA, Family Therapy and Prevention Research	March	1
NIDA, Drug Abuse Prevention Research	March	1
NIMH, Research Grants Program	March	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Grants for Health Services Dissertation Research	March	15
Conference Grants (Preliminary submission required prior to formal application)	Open	

FOOD AND DRUG ADMINISTRATION

Research Grants, New	March	1
Research Grants, Renewals	February	1

DEPARTMENT OF EDUCATION

Strengthening Research Library Resources Program	November	14
Bilingual Education Act-Fellowship Program, 84.003F	November	14
Training Personnel for the Education of the Handicapped Handicapped-Preparation of Special Educators, 84.029BH	November	28
Handicapped-Preparation of Leadership Personnel, 84.029DH	November	28
Handicapped-Preparation of Related Service Personnel, 84.029FH	November	28
Handicapped-Special Projects, 84.029KH	November	28
Handicapped-Specialized Training of Regular Educators, 84.029SH	November	28
Undergraduate International Studies and Foreign Language Program:		
Continuation Proposals	January	10
Bilingual Education Act-Demonstration Projects Program	February	1
Bilingual Education Act-Basic Projects, 84.003B	February	10

Bilingual Education Act-Training Projects, 84.003L/ 84.003J	February	21
Bilingual Education Act-Vocational Instructor Training	February	21
Bilingual Education Act-Vocational Training	February	21
National Institute of Handicapped Research (CONTINUATIONS ONLY)		
Research and Demonstration Projects	*	
Research and Training Centers	*	
Rehabilitation Engineering Centers	*	
Knowledge, Dissemination and Utilization Projects	*	

*Submission required 90 days prior to end of current budget period

NATIONAL INSTITUTE OF EDUCATION

Research Grants on Law and Government Studies in Education		
Small Grants	January	4
Final Application (Preapplication required 1/4/84)	March	2
Unsolicited Proposals	February	3

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Grants for Residency Training in General Internal Medicine and General Pediatrics	November	28
Nursing Research Program Grants	February	1
Nursing Research Emphasis Grants for Doctoral Programs in Nursing	March	1
Nursing Research Project Grants	March	1

SOCIAL SECURITY ADMINISTRATION

Title II and Title XVI Research Grants	December	5
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NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

Computer Research Equipment (NSF 83-70). Limited to research projects in computer science or computer engineering at graduate institutions. Contact Dr. John Lehmann (202) 357-7349	December	1
U.S.-Federal Republic of Germany Cooperative Science. Semi-annual deadline for proposals for joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	December	1

Engineering Research Initiation Grants Fiscal Year 1984 (NSF 83-52). To discuss specific research topics, contact the appropriate Engineering Division: Electrical, Computer and Systems Engineering (202) 357-9618; Chemical and Process Engineering (202) 357-9606; Civil and Environmental Engineering (202) 357-9545; Mechanical Engineering and Applied Mechanics (202) 357-9542. For general information contact Ms. Janice Apruzese (202) 357-9834	December	1
Scientific Computing Research Equipment for the Mathematical Sciences (NSF 83-69). Contact Dr. Alvin Thaler (202) 357-9764	December	1
Nominations for Alan T. Waterman Award. Contact Ms. Lois Hamaty (202) 357-7512	December	1
U.S.-Switzerland Cooperative Science. Semi-annual deadline for proposals for joint research, seminars and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	December	1
U.S.-India International Travel Support (NSF 82-86). Scientists of both U.S. and India are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	December	1
U.S.-Pakistan International Travel Support (NSF 80-49). Scientists of both U.S. and Pakistan are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	December	1
Research Improvement in Minority Institutions (NSF 82-23). Contact Dr. Roosevelt Calbert (202) 357-7350	December	15
U.S.-Korea Cooperative Science (NSF 83-50). Proposals for long-term visits and cooperative research only. Contact Dr. Gerald A. Edwards (202) 357-9537	January	1
U.S.-Japan Program of Cooperation in Photoconversion and Photosynthesis (NSF 83-11). Proposals for long- and short-term visits for research prior to deadline date; project development proposals are accepted throughout the year. Contact Dr. Charles Wallace (202) 357-9537	January	15
NSF Visiting Professorships for Women (NSF 83-3). Contact Dr. Margrete Klein (202) 357-7734	January	15
Information Science and Technology. Special Research Initiation Awards for New Investigators (NSF 81-34 and 81-69). Contact Dr. Edward Weiss (202) 357-9572	February	1
VLSI (Very Large Scale Integration) Fast Turnaround Fabrication Service for Universities (NSF 83-43). Contact Dr. Andrew Molnar (202) 357-7539	March	1
U.S.-India International Travel Support (NSF 82-86). Scientists of both U.S. and India are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	March	1
U.S.-Pakistan International Travel Support (NF 80-49). Scientists of both U.S. and Pakistan are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	March	1

U.S.-India Exchange of Scientists (NSF 78-66 and 82-86). U.S. senior scientists only submit to NSF; Indian scientists, to the Indian Council of Scientific and Industrial Research. Contact Mr. Eugene Pronko (202) 357-9550 or Dr. Osman Shinaishin (202) 357-9402	March	15
U.S.-Australia Cooperative Science (NSF 81-49 Rev. 1/82). All proposals for individual visits in 1985 and for other projects with requested effective dates falling between January 1 and June 30, 1985. Contact Mr. Alan Milsap (202) 357-9537	April	1
U.S.-New Zealand Cooperative Science (NSF 81-50). All proposals for projects with requested effective date falling between January 1 and June 30, 1985. Contact Mr. Alan Milsap (202) 357-9537	April	1
U.S.-Japan Cooperative Science. Cooperative Research (NSF 81-58). Proposals for cooperative research and joint seminar activities are due prior to deadline dates; proposals for long-term visits (6-12 months) are accepted throughout the year. Contact Dr. Charles Wallace (202) 357-9537	April	1
U.S.-Scandinavia and The Netherlands Cooperative Science. Semi-annual deadline for proposals for joint research, seminars, and long-term research visits. Contact Mr. Henryk Uznanski (202) 357-7554	April	1
U.S.-France Cooperative Science. Proposals for cooperative research projects and joint workshops/seminars with requested effective dates in calendar year 1985. Contact Dr. Kenneth Hancock (202) 357-7554	May	1
U.S.-Latin America and The Caribbean Region (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits with scientists from any independent country of the region. Contact Ms. Christine French (north of the Equator) and Dr. Harold Stolberg (south of the Equator) (202) 357-9563	May	1
U.S.-Argentina Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Dr. Harold Stolberg (202) 357-9563	May	1
U.S.-Brazil Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Dr. Harold Stolberg (202) 357-9563	May	1
U.S.-Mexico Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Ms. Christine French (202) 357-9563	May	1
U.S.-Venezuela Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Ms. Christine French (202) 357-9563	May	1

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Solid State Chemistry. Contact Fred Stafford (202) 357-9787	December	1
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Condensed Matter Theory. Contact Dr. David Penn or Dr. Fa Y. Wu (202) 357-9737	December	1
Low Temperature Physics. Contact Dr. Donald Liebenberg (202) 357-9787	December	1
Solid State Physics. Contact Dr. Adriaan de Graaf or Dr. John Van Zytveld (202) 357-9737	December	1
Engineering Research Equipment Grants (NSF 82-55). To discuss specific equipment needs, contact the appro- priate Engineering Division: Electrical, Computer, and Systems Engineering (202) 357-9618; Chemical and Process Engineering (202) 357-9606; Civil and Environ- mental Engineering (202) 357-9545; Mechanical Engineering and Applied Mechanics (202) 357-9542. For general information or administrative inquiries, contact Ms. Janice Apruzese (202) 357-9834	December	15
Social and Developmental Psychology. Contact Dr. Jean Intermaggio (202) 357-9485	January	1
Anthropology. Does not include Doctoral Dissertation proposals. Contact Dr. John Yellen (202) 357-7804	January	1
Linguistics. Contact Dr. Paul Chapin (202) 357-7696	January	1
Neurobiology. Contact Dr. Nathaniel Pitts (202) 357-7471	January	1
Psychobiology. Contact Dr. Fred Stollnitz (202) 357-7949	January	1
Systematic Anthropological Collections. Contact Ms. Mary Greene (202) 357-7804	January	1
Earth Sciences: Stratigraphy and Paleontology; Environ- mental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	January	15
Earth Sciences Research Equipment (NSF 83-28). Contact Dr. Ian MacGregor (202) 357-9591	January	15
Ecology. Contact Dr. Nancy Stanton (202) 357-9734	January	16
Systematic Biology. Contact Dr. Lloyd Knutson (202) 357-9588	January	16
Population Biology and Physiological Ecology. Contact Dr. Louis Pitelka (202) 357-9728	January	16
Analysis of Science Resources: Personnel, Funding, Impacts and Outputs (NSF 80-19, reprint). Contact Personnel: Mr. Morris Cobern (202) 634-4655; Funding: Mr. Norman Friedman (202) 634-4625; Impacts and Outputs: Dr. Robert R. Wright (202) 634-4682	Jan.	16-20
Ocean Sciences Instrumentation Development. Request the brochure, <i>Proposals for Ocean Sciences Instrumentation Development</i> , from Mr. H. Lawrence Clark (202) 357-7837	February	1
Ocean Sciences Research. Contact Dr. Robert Wall (202) 357-7924	February	1
Climate Dynamics. Contact Dr. Hassan Virji (202) 357-9892	February	1
Memory and Cognitive Processes. Contact Dr. Joseph Young (202) 357-9898	February	1
Biochemistry. Contact Dr. Mary Kirtley (202) 357-7945	February	1
Biophysics. Contact Dr. King-Ping Wong (202) 357-7777	February	1
Cellular Physiology. Contact Dr. Judith Willis (202) 357-7377	February	1

Cell Biology. Contact Dr. Wallace LeSturgeon (202) 357-7474	February	1
Developmental Biology. Contact Dr. Clifton Poody or Dr. Jane Peterson (202) 357-7989	February	1
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	February	1
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	February	1
Economics. Contact Dr. Daniel Newlon, Dr. Lynn Pollnow or Mr. James Slaugh, Jr.(202) 357-9675	February	1
Geography and Regional Science. Contact Dr. George Demko (202) 357-7441	February	1
Measurement Methods and Data Resources. Contact Dr. Murray Aborn or Dr. Sara Nerlove (202) 357-7913	February	1
Sociology. Contact Dr. Joanne Miller or Ms. Dorothy Greene (202) 357-7802	February	1
History and Philosophy of Science. Contact Dr. Ronald Overmann or Ms. Bonney Sheahan (202) 357-9677	February	1
Political Science. Contact Dr. Frank Scioli, Jr. or Dr. William Mishler (202) 357-9406	February	1
Law and Social Science. Contact Dr. Felice Levine (202) 357-9567	February	1
Decision and Management Science. Contact Dr. Trudi Miller (202) 357-7569	February	1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg (202) 357-7417	February	1
Ethics and Values in Science and Technology. Formal Proposals (NSF 83-62). Contact Dr. Rachelle Hollander (202) 357-7552	February	1
Productivity Improvement Research (NSF 81-84). Contact Dr. Louis Tornatzky, Dr. J. Eveland or Dr. W. Hetzner (202) 357-9804 or Dr. E. Johnson, Ms. Lynn Schlaaff or Dr. Amy Walton (202) 357-7875	February	1
Sensory Physiology and Perception. Contact Dr. James Larimer (202) 357-7428	March	1
U.S.-East Asia Cooperative Science. Indonesia, Malaysia, Singapore, Thailand (NSF 83-50). Contact Dr. Gordon Hiebert (202) 357-9537	March	1
Science in Developing Countries (NSF 83-58). Contact Sub-Saharan Africa: Mr. Robert Bell (202) 357-9550; South and West Asia: Dr. Osman Shinaishin (202) 357-9402; East Asia: Dr. Gordon Hiebert (202) 357-9537; Latin America and Caribbean: Ms. Christine French (202) 357-9563	March	1
U.S.-East Asia Cooperative Science. Philippine component only (NSF 83-50). Proposals for long-term visits, cooperative research, and seminars and workshops. Contact Dr. Gerald A. Edwards (202) 357-9537	March	1
Biological Instrumentation. Multi-user instrument or instrument development (NSF 83-19). Contact Dr. Arthur Kowalsky (202) 357-7652	April	30
Doctoral Dissertation Research. Contact Dr. James Edwards (202) 357-9588	May	1
Climate Dynamics. Contact Dr. Hassan Virji (202) 357-9892	May	1

NATIONAL ENDOWMENT FOR THE HUMANITIES

Division of Research Programs

Travel to Collections (for travel after 6/15/84)

January 15

NATIONAL INSTITUTE OF JUSTICE

Crime Control Theory and Policy (tentative deadline)

late November

Graduate Research Fellowship Program

November 1

March 2

Unsolicited Research Program

December 1

June 1

DEPARTMENT OF THE ARMY

Artificial Intelligence Research and Education

December 1

NONFEDERAL

THE ORA CONTACT NUMBER FOR NONFEDERAL DEADLINE/PROGRAM INFORMATION IS 373-1970.

American Chemical Society - Petroleum Research Fund

Grants-in-Aid

No Deadline

American Council of Learned Societies

Grants for Research in Chinese Studies

(subject to funding)

December 15

East European Studies

December 15

Grants-in-Aid

December 15

American Diabetes Association

Research Grant

November 15

Research and Development Award

December 1

Feasibility Grant Program

February 1

American Heart Association-Minnesota Affiliate

Fellowships

November 15

Grant-in-Aid

December 15

American Philosophical Society

Grants-in-Aid

Various--Contact ORA

Arthritis Foundation-Minnesota Chapter

February 15

Center for Field Research (Earthwatch)

Latin America Field Research Grants

No Deadline

Damon Runyon Walter Winchell Cancer Fund

Fellowship Grant

December 15

March 15

Human Cancer-Directed Fellowship Grant

December 15

March 15

Distilled Spirits Council of the United States

November 1

February 1

May 1

August 1

Engineering Foundation

Initiation Grants

December 1

Pre-proposals

No Deadline

Gas Research Foundation

Telephone contact or letter of inquiry prior to
submission of formal proposal

No Deadline

German Marshall Fund	
Research Fellowship	November 30
International Society of Arboriculture	December 1
Juvenile Diabetes Foundation	
Research Grant	March 1
Kellogg Foundation	
Expanding Opportunities for Adult Continuing Education	Continuous
Health Promotion and Disease Prevention Programs	Continuous
Coordinated, Cost-Effective Health Service Programs	Continuous
Improving Human Well Being through Productive Agriculture	Continuous
Fostering Leadership Capacity	Continuous
March of Dimes Birth Defects Foundation	
Basil O'Connor Starter Research Grants	Continuous
Education	January 1
Medical Services	January 1
Mathers Charitable Foundation	Continuous
McKnight Foundation	
Basic Research in Plant Biology	December 1
Scholars Awards in Neuroscience	January 2
Minnesota Medical Foundation	December 30
	March 31
Charles Stewart Mott Foundation (Letter of inquiry)	No Deadline
Muscular Dystrophy Association	
Postdoctoral Fellowship	December 31
Grants-in-Aid	December 31
National Foundation for Ileitis and Colitis	February 1
National Geographic Society	
Grants-in-Aid	No Deadline
National Multiple Sclerosis Society	
Research Grants	February 1
Postdoctoral Fellowship	February 1
Junior Faculty Award	February 1
National Pork Producers	December 15
Paralyzed Veterans of America/Technology and	
Research Foundation	January 1
Pharmaceutical Manufacturers Association Foundation	
Developmental Grant for Clinical Pharmacology Units	January 15
Proctor and Gamble Company	
University Exploratory Research Program	January 1
Research Corporation	
(Recommend submission 60 to 120 days prior to agency	
reviews in October, February and May)	No Deadline
Southeastern Poultry and Egg Association	No Deadline
Technicon Instruments Corporation	
Grants for Research in Biomedical and Industrial	
Instrumentation	
Pre-proposals	No Deadline
University Genetics Company (UGEN)	No Deadline
Veterans of Foreign Wars, Ladies Auxiliary	
Cancer Fellowship Grant	February 15

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

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ORA RDC Newsletter

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DECEMBER 1983

VOLUME XIII/NO. 6

NIOSH ANNOUNCES AVAILABILITY OF "OCCUPATIONAL SAFETY AND HEALTH SMALL RESEARCH GRANTS"

The National Institute of Occupational Safety and Health (NIOSH) funds small grants for research projects on occupational health issues. Grants may be used to support exploratory studies, to develop new methods or analyze previously collected data. The program is intended primarily for graduate students, new postdoctoral researchers and junior faculty. The maximum award is \$15,000. Supplemental information has been requested from NIOSH by ORA and may be obtained, along with application materials, by calling 373-5925. Deadline: February 1, 1984.

NHLBI ISSUES STATEMENT ENCOURAGING RESEARCH ON FUNDAMENTAL PROBLEMS EQUALLY GERMANE TO HEART, LUNG AND BLOOD DISEASES

The National Heart, Lung and Blood Institute (NHLBI) has issued a statement to emphasize explicitly its interest in supporting fundamental research relevant to its mission that transcends the specific goals and interests of its various subdivisions. Investigators are encouraged to organize their research endeavors to provide fundamental answers to broad problems germane to heart, lung and blood diseases. Investigators should not feel constrained to structure their research according to the Institute's organizational units. A complete copy of this statement may be found in the NIH Guide for Grants and Contracts, Vol. 12, No. 10, October 14, 1983, or obtained from ORA by calling 373-5925.

PERCENTILE RANKING OF RESEARCH GRANT APPLICATIONS AS THE BASIS FOR FUNDING DECISIONS

The Office of Research Administration has recently received a Notice from the National Institute of Child Health and Human Development (NICHD) regarding a modification to their system of determining rank order for awarding research grants. Effective October 1, 1983, for a two-year trial period, NICHD will be awarding grants in priority order based on their percentile ranks in Study Sections, rather than on their untransformed ("raw") priority scores, taking into account program relevance. A complete copy of the Notice may be obtained from ORA by calling 373-5925.

U.S. DEPARTMENT OF AGRICULTURE FY 1984 COMPETITIVE RESEARCH GRANTS PROGRAM

The U.S. Department of Agriculture has announced its FY 1984 Competitive Research Grants Program. A copy of the application kit and program announcement may be obtained from ORA by calling 373-2771. Proposals for the various research areas must be submitted (original + 20 copies) through ORA to meet the postmark deadlines shown under the USDA's deadline section of the Newsletter.

NATIONAL ENDOWMENT FOR THE HUMANITIES (NEH) PROGRAM SOLICITATION

The NEH is soliciting applications for Analysis of Data on the Condition of the Humanities. Six broad subjects are of particular interest to the NEH: 1) state of the disciplines in the humanities; 2) financing the humanities; 3) humanities education; 4) humanities programming for the out-of-school public; 5) the humanities labor force; and 6) trends in the demand and use of humanities resources. Each award will be limited to \$25,000. The deadline for receipt of proposals is January 23, 1984. Copies of the solicitation may be obtained from the Office of Program and Policy Studies, Room 402, National Endowment for the Humanities, Washington, DC 20506.

DOD-AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR) PROGRAM OPPORTUNITIES

The AFOSR urges potential investigators to call or write the program office prior to preparing proposals for the following programs. There are no deadlines for the submission of unsolicited proposals.

FLIGHT CONTROL RESEARCH: This research area is concerned with the development of methodology and systems required to stabilize and control the motion of manned and unmanned aerospace vehicles in all aspects and conduct of their missions. For further information, contact Dr. J. Bram, Manager, Flight Control Research, Aerospace Directorate, AFOSR, Bolling Air Force Base, Washington, DC 20332, (202) 767-4939.

STRUCTURAL MECHANICS RESEARCH: This research area is concerned with the structural responses of aerospace vehicles to their operational and serviceable environments. For further information, contact Dr. Anthony K. Amos, Manager, Structural Mechanics Research, Directorate for Aerospace Sciences, AFOSR, Bolling Air Force Base, Washington, DC 20332, (202) 767-4937.

VILLERS FOUNDATION

The Villers Foundation is a newly established agency whose special fields of interest are public policy and social issues. Priority issue areas are access to quality health care, income security, and availability of work/volunteer opportunities to allow elders' continued involvement in society. The Foundation will not fund social service models, actual provisions of services, facility construction or biomedical research. Application may be made at any time. Further information and application procedures may be obtained from ORA by calling 373-1970.

INSTITUTIONAL RESEARCH GRANT AWARD FROM THE AMERICAN CANCER SOCIETY

The University of Minnesota has been awarded a renewal of its Institutional Research Grant from the American Cancer Society (ACS) for 1983-1984. This fund is intended to serve as "seed" money permitting the initiation of promising new projects or novel ideas, especially by junior investigators, in cancer-related research. Encouragement of cancer research may also be facilitated by support of seminars on cancer-related topics, and by graduate student research. The fund is administered by a Dean's Committee of the Medical School with representation from other biologically-oriented colleges. The Committee is now accepting applications for individual grants not to exceed \$7,500 from this fund with a deadline date of February 15, 1984. Instructions and application forms may be obtained from the Dean's Committee for the ACS Institutional Research Grant, 421 Masonic Cancer Center, 373-4318.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, agency deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

THE ORA CONTACT NUMBERS FOR FEDERAL DEADLINE/PROGRAM INFORMATION ARE AS FOLLOWS:

DEPARTMENT OF HEALTH AND HUMAN SERVICES	373-5925
DEPARTMENT OF EDUCATION	373-5925
OTHER FEDERAL AGENCIES	373-2771

NATIONAL INSTITUTES OF HEALTH

Fogarty International Center, Eastern European Scientist Exchange Program	Open	
Fogarty, Senior International Fellowships for 1984-85	Janaury	15
NCI, RFA: NIH-NCI-DRCCA-OD-83-10, Development and Education of Smoking Prevention and Cessation Interventions Using the Mass Media (Letter of intent by 10/15/83)	January	1
NCI, RFA: NIH-NCI-DRCCA-OD-83-9, Evaluation of Physician/Dentist Delivered Interventions for Smoking Prevention and Cessation (Letter of intent by 10/15/83)	January	1
NCI, RFA: NIH-NCI-DRCCA-CCAB-83-17, Cancer Control Science Program: Program Projects (Letter of intent by 12/1/83)	January	15
NCI, RFA: NIH-NCI-DRCCA-CCAB-83-18, Cancer Control Research Units (Letter of intent by 12/1/83)	January	15
NCI, Clinical Cancer Education Program	February	1
NCI, The NCI Clinical Investigator Award	February	1
NCI, RFA: 84-CA-01, A Phase III Trial of a Low Fat Diet in Women at Increased Risk for Breast Cancer (Letter of intent by 1/1/84)	February	1
NCI, RFA: NIH-NCI-DCBD-DB-83-15, Application of Recombinant DNA Technology to Diagnosis of Cancer	February	15

NCI, Surgical Oncology Research:		
Program Project Grants	February	1
Individual Research Grants	March	1
NCI, Non-Invasive Approach for Detection of Lung Cancer	March	1
NCI, Specific Immunoassays for Cancer Associated Isoenzymes	March	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines	March	1
NCI, Determination of the Therapeutic Usefulness of Purified Cytokines and Anti-Cytokine Monoclonal Antibodies in Cancer Models	March	1
NCI, Development of Genetically Engineered Cell Products	March	1
NCI, Use of Tumor Associated Antigens as Immunogens	March	1
NCI, Use of Growth Factors, Maturation Factors and Anti-Growth Factors in Animal Tumor Models	March	1
NHLBI, RFA: NIH-NHLBI-DBDR-84G-A, Hemorrhologic Contributions to Thrombosis (Letter of intent by 1/15/84)	February	15
NHLBI, RFA: NIH-RFA-NHLBI-DBDR-84-G-B, Development of Therapeutic Agents for Sickle Cell Disease	February	15
NHLBI, RFA: NIH-RFA-NHLBI-DHVD-84-G-C, Sodium Sensitivity and Blood Pressure Response (Letter of intent by 12/15/83)	February	15
NHLBI, RFA: NIH-RFA-NHLBI-84G-E, Demonstration and Education Research in Heart, Blood, Vessel, Lung, and Blood Diseases and Blood Resources (Letter of intent by 12/15/83)	February	15
NHLBI, RFA: NIH-RFA-NHLBI-DLD-84-G-G, Isolation and Characterization of Human Lung Cells	February	15
NHLBI, School Health Promotion and Cardiovascular Health of Children and Adults	March	1
NHLBI, New Investigator Award-Research Grant	March	1
NHLBI, Protection of the Immature Myocardium During and Following Cardiac Surgery	March	1
NHLBI, Mechanisms of Biobehaviorally Induced Ventricular Arrhythmias and Sudden Cardiac Death	March	1
NHLBI, Biobehavioral Sequellae of Antihypertensive Therapies	March	1
NHLBI, RFA: NIH-NHLBI-DHVD-84-G-I, Pathogenesis of Essential Hypertension: Neurobiological and Molecular Biological Approaches	April	2
NHLBI, RFA: NIH-NHLBI-DHVD-84-G-J, Aspects of Inflammatory Processes in Atherogenesis	April	2
NHLBI, Preventive Cardiology Academic Award (Limited to one award for <i>each</i> School of Medicine or Osteopathy in the U.S., its possessions or territories)	April	2
NHLBI, RFA: NIH-RFA-NHLBI-DLD-84-G-F, Production of Toxic Oxygen Species in Acute Lung Study (Letter of intent by 12/15/83)	April	2
NHLBI, RFA: NIH-RFA-NHLBI-DHVD-84-G-D, Adult Mammalian Cardiac Myocytes	April	16
NHLBI, RFA: NIH-RFA-NHLBI-DHVD-G-H, Specialized Centers of Research in Hypertension	May	1
NIA/NIAID/NIADDK/NICHD/NIDR/NIEHS/NEY/NHLBI, Physician Scientist Award	February	1
NIA Small Grant Awards for Pilot Projects	February	1
NIA, Special Emphasis Research Career Award for Social and Behavioral Scientists in Behavioral Geriatrics Research	February	1

NIA, Cellular Aging Research: Differentiated Cells in Culture:	
Institutional Training Grants	February 1
Individual Postdoctoral Fellowships	February 1
Program Project Grants	February 1
Clinical Investigator Awards	February 1
Research Career Development Awards	February 1
New Investigator Research Award	March 1
Research Grants	March 1
NIA, Social And Behavioral Research on Aging	
Institutional Training Grants	February 1
Program Project Grants	February 1
Research Career Development Awards	February 1
Small Grants	February 1
New Investigator Research Award	March 1
Research Grants	March 1
NIA, Health Functioning in Middle and Later Years	
Institutional Training Grants	February 1
Program Project Grants	February 1
Research Career Development Awards	February 1
Small Grants	February 1
New Investigator Research Award	March 1
Research Grants	March 1
NIA, Aging and Visual Perception	
Individual Postdoctoral Fellowships	February 1
Institutional Training	February 1
New Investigator Awards	March 1
Research Project Grants	March 1
NIA, Health Behaviors and Aging: Behavioral Geriatrics Research:	
Individual Postdoctoral Fellowships	February 1
Program Project Grants	February 1
New Investigator Awards	March 1
Research Grants	March 1
NIA, Social Environments Influencing Health and Effective Functioning in the Middle and Later Years:	
Individual Postdoctoral Fellowships	February 1
Program Project Grants	February 1
New Investigator Awards	March 1
Research Grants	March 1
NIA, Genetics, Molecular and Cellular Biology Programs	March 1
NIA/NIAID/NIADDK/NCI/NICHD/NIDR/NIEHS/NEY/NIGMS/NHLBI/NINCDS, Research Grants for Clinical Testing of Orphan Products for Rare Diseases	March 1
NIA Program Project Research Grants	June 1
NIADDK, RFA: NIADDK-83-1, Request for Cooperative Agreement, Cooperative Clinical Study of Dietary Modification on the Course of Progressive Renal Disease	December 15
NIADDK, Clinical Investigator Award	February 1
NIADDK, Research on Benign Prostatic Hyperplasia	March 1
NIADDK, The Immune Base of Renal Disease	March 1
NIADDK/NHLBI, RFA: 84-AMHL-01, The Genetic and Metabolic Defects Underlying Cystic Fibrosis (Letter of intent by 2/15/84)	March 15
NIADDK, RFA: 84-AM-01, Digestive Diseases Core Centers	March 15
NIAID, RFA: 84-AI-01, Tropical Disease Research Units	February 15

NIAID/NINCDS, Research Grants in the Field of Nervous System Modulation of Immune Responses and Interactions Between the Nervous and Immune Systems	March	1
NIAID, RFA: 84-AI-03, Program Projects on Mechanisms of Immunologic Diseases (Letter of intent by 3/15/84)	June	15
NIAID, RFA: 84-AI-02, Asthma and Allergic Disease Centers and Asthma and Allergic Disease Centers for Immunodermatologic Studies (Letter of intent by 7/15/84)	October	15
NICHD, RFA: NIH-NICHD-CPR-DBSB-83-1, Antecedents and Consequences of Voluntary Contraceptive Sterilization (NICHD requests that the Demographic and Behavioral Sciences Branch be notified at least one month prior to submission)	December	15
NICHD, RFA: NIH-NICHD-CPR-DBSB-83-2, The Causes and Consequences of Changes in Family and Household Structure	December	15
NICHD, Clinical Investigator Award	February	1
NICHD, Behavioral/Biomedical Interdisciplinary Research Training:		
Institutional Grant	February	1
Individual Postdoctoral Fellowships	February	1
NICHD, RFA: NIH-NICHD-CPR-RS-83-3, Human Male Infertility	February	15
NIDR, RFA: 84-DE-01, Specialized Caries Research Centers	December	30
NIEHS, Special Program Areas of Interest: A) Alternative Designs of Standard Cancer Bioassay; B) Studies Relating Human Health Effects to PBB; C) Immunotoxicology of Environmental Agents; D) Biological Effects of Chemical Interactions; E) Environmental Medicine	March	1
NIEHS, New Investigator Research Award Program	March	1
NIH, DRR, Biomedical Research Support Grants	January	1
NIH, Research Grants, Renewals	February	1
NIH, Research Career Development Awards	February	1
NIH, Individual Postdoctoral Fellowships	February	1
NIH, Institutional Training Programs	February	1
NIH, Support of Meetings (Scientific, U.S.A. or International)	February	1
NIH, DRR, NMR Resources, Biotechnology Resources Program	February	1
NIH, DRR, Biomedical Research Support Shared Instrumentation Grants	February	15
NIH, Research Grants, New	March	1
NIH, New Investigator Awards	March	1
NINCDS, Teacher-Investigator Development Award	February	1
NINCDS, Research Grants on Small Animal Models for Screening Antiepileptic Drugs	March	1
NINCDS, Research Grants on Hormones and Epilepsy	March	1
NINCDS, Research Grants Related to Basic Mechanisms in Phakomatoses	March	1
NIOSH, Occupational Safety and Health, Small Research Grants	February	1

NIH ANNUAL DEADLINES

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <u>for each</u> : School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
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NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1
NHLBI, Preventive Cardiology Academic Award	April	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1
NIA, Academic Award	July	1
NIADDK/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIGMS, NIGMS Shared Instrumentation Grants	February	15
NIH, NRSA for Short-Term Training of Students in Health Professional Schools (Limited to one application per health professional school for a given receipt date)	February	1

CENTERS FOR DISEASE CONTROL

NIOSH, Research and Demonstrations Relating to Occupational Safety and Health: Small Grants	February	1
Regular Research	March	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, Renewals	February	1
ADAMHA, Individual Postdoctoral Fellowships	February	1
ADAMHA, Institutional Training Grants, NRSA	February	1
ADAMHA, Research Scientist Development/Research Scientist Award	February	1
ADAMHA, Research Grants, New	March	1
ADAMHA, Research on the Prevention of ADM Disorders in Children and Adolescents	March	1
NIAAA/NIDA/NIMH, Individual NRSA	February	1
NIAAA/NIDA/NIMH, Institutional NRSA Training	February	1
NIAAA/NIDA/NIMH, ADAMHA Prevention Research New Investigator Award	March	1
NIDA, Marijuana Research Grants Program	March	1
NIDA, Youth Drug Abuse Treatment Research Grants	March	1
NIDA, Family Therapy and Prevention Research	March	1
NIDA, Drug Abuse Prevention Research	March	1
NIMH, Research Grants Program	March	1
NIMH, Clinical Research Centers on Psychopathology of the Elderly	March	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Grants for Health Services Dissertation Research	March	15
Conference Grants (Preliminary submission required prior to formal application)	Open	

FOOD AND DRUG ADMINISTRATION

Research Grants, New	March	1
Research Grants, Renewals	February	1

HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants January 9

DEPARTMENT OF EDUCATION

Secretary's Discretionary Program-Planning Grants to
Develop Teacher Incentive Structures December 22
Research in Education of the Handicapped-Field Initiated
Research Projects December 23
International Research and Studies Program December 28
Undergraduate International Studies and Foreign
Language Program:
Continuation Proposals January 10
Fund for the Improvement of Post-secondary Education (FIPSE)
Preapplications January 10
Final Applications April 10
Handicapped Children's Early Education-Demonstration
Projects January 20
Bilingual Education Act-Demonstration Projects Program February 1
Bilingual Education Act-Basic Projects, 84.003B February 10
Bilingual Education Act-Training Projects, 84.003L/
84.003J February 21
Bilingual Education Act-Vocational Instructor Training February 21
Bilingual Education Act-Vocational Training February 21
National Institute of Handicapped Research
(CONTINUATIONS ONLY)
Research and Demonstration Projects *Research and Training Centers *
Rehabilitation Engineering Centers *
Knowledge, Dissemination and Utilization Projects *

*Submission required 90 days prior to end of current
budget period

Research in Education of the Handicapped--Student Initiated
Research Projects March 16

NATIONAL INSTITUTE OF EDUCATION

Research Grants on Law and Government Studies in Education
Small Grants January 4
Final Application (Preapplication required 1/4/84) March 2
Unsolicited Proposals February 3

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Nursing Research Program Grants February 1
Bureau of Health Professions, Grants for Utilization of
Research in Nursing Practice, Nursing Services February 1
Nursing Research Emphasis Grants for Doctoral Programs
in Nursing March 1
Nursing Research Project Grants March 1
Bureau of Health Professions, New Investigator Nursing
Research Awards March 1

NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

U.S.-Korea Cooperative Science (NSF 83-50). Proposals for long-term visits and cooperative research only. Contact Dr. Gerald A. Edwards (202) 357-9537	January	1
U.S.-Japan Program of Cooperation in Photoconversion and Photosynthesis (NSF 83-11). Proposals for long- and short-term visits for research prior to deadline date; project development proposals are accepted throughout the year. Contact Dr. Charles Wallace (202) 357-9537	January	15
NSF Visiting Professorships for Women (NSF 83-3). Contact Dr. Margrete Klein (202) 357-7734	January	15
Information Science and Technology. Special Research Initiation Awards for New Investigators (NSF 81-34 and 81-69). Contact Dr. Edward Weiss (202) 357-9572	February	1
VLSI (Very Large Scale Integration) Fast Turnaround Fabrication Service for Universities (NSF 83-43). Contact Dr. Andrew Molnar (202) 357-7539	March	1
U.S.-India International Travel Support (NSF 82-86). Scientists of both U.S. and India are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	March	1
U.S.-Pakistan International Travel Support (NF 80-49). Scientists of both U.S. and Pakistan are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	March	1
U.S.-India Exchange of Scientists (NSF 78-66 and 82-86). U.S. senior scientists only submit to NSF; Indian scientists, to the Indian Council of Scientific and Industrial Research. Contact Mr. Eugene Pronko (202) 357-9550 or Dr. Osman Shinaishin (202) 357-9402	March	15
U.S.-Australia Cooperative Science (NSF 81-49 Rev. 1/82). All proposals for individual visits in 1985 and for other projects with requested effective dates falling between January 1 and June 30, 1985. Contact Mr. Alan Milsap (202) 357-9537	April	1
U.S.-New Zealand Cooperative Science (NSF 81-50). All proposals for projects with requested effective date falling between January 1 and June 30, 1985. Contact Mr. Alan Milsap (202) 357-9537	April	1
U.S.-Japan Cooperative Science. Cooperative Research (NSF 81-58). Proposals for cooperative research and joint seminar activities are due prior to deadline dates; proposals for long-term visits (6-12 months) are accepted throughout the year. Contact Dr. Charles Wallace (202) 357-9537	April	1

U.S.-Scandinavia and The Netherlands Cooperative Science. Semi-annual deadline for proposals for joint research, seminars, and long-term research visits. Contact Mr. Henryk Uznanski (202) 357-7554	April	1
U.S.-France Cooperative Science. Proposals for cooperative research projects and joint workshops/seminars with requested effective dates in calendar year 1985. Contact Dr. Kenneth Hancock (202) 357-7554	May	1
U.S.-Latin America and The Caribbean Region (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits with scientists from any independent country of the region. Contact Ms. Christine French (north of the Equator) and Dr. Harold Stølberg (south of the Equator) (202) 357-9563	May	1
U.S.-Argentina Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Dr. Harold Stolberg (202) 357-9563	May	1
U.S.-Brazil Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Dr. Harold Stolberg (202) 357-9563	May	1
U.S.-Mexico Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Ms. Christine French (202) 357-9563	May	1
U.S.-Venezuela Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Ms. Christine French (202) 357-9563	May	1
U.S.-Federal Republic of Germany Cooperative Science. Joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Switzerland Cooperative Science. Joint research, seminars and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Japan Cooperative Science. Joint seminars (NSF 81-58). Proposals for cooperative research and joint seminar activities are due prior to deadline dates; proposals for long-term visits (6-12 months) are accepted throughout the year. Contact Dr. Charles Wallace (202) 357-9537	June	1
U.S.-India International Travel Support (NSF 82-86). Scientists of both U.S. and India are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	June	1
U.S.-Pakistan International Travel Support (NSF 80-49). Scientists of both U.S. and Pakistan are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	June	1

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Social and Developmental Psychology. Contact Dr. Jean Intermaggio (202) 357-9485	January	1
Anthropology. Does not include Doctoral Dissertation proposals. Contact Dr. John Yellen (202) 357-7804	January	1
Linguistics. Contact Dr. Paul Chapin (202) 357-7696	January	1

Neurobiology. Contact Dr. Nathaniel Pitts (202) 357-7471	January	1
Psychobiology. Contact Dr. Fred Stollnitz (202) 357-7949	January	1
Systematic Anthropological Collections. Contact Ms. Mary Greene (202) 357-7804	January	1
Earth Sciences: Stratigraphy and Paleontology; Environ- mental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	January	15
Earth Sciences Research Equipment (NSF 83-28). Contact Dr. Ian MacGregor (202) 357-9591	January	15
Ecology. Contact Dr. Nancy Stanton (202) 357-9734	January	16
Systematic Biology. Contact Dr. Lloyd Knutson (202) 357-9588	January	16
Population Biology and Physiological Ecology. Contact Dr. Louis Pitelka (202) 357-9728	January	16
Analysis of Science Resources: Personnel, Funding, Impacts and Outputs (NSF 80-19, reprint). Contact Personnel: Mr. Morris Cobern (202) 634-4655; Funding: Mr. Norman Friedman (202) 634-4625; Impacts and Outputs: Dr. Robert R. Wright (202) 634-4682	Jan.	16-20
Ocean Sciences Instrumentation Development. Request the brochure, <i>Proposals for Ocean Sciences Instrumentation Development</i> , from Mr. H. Lawrence Clark (202) 357-7837	February	1
Ocean Sciences Research. Contact Dr. Robert Wall (202) 357-7924	February	1
Climate Dynamics. Contact Dr. Hassan Virji (202) 357-9892	February	1
Memory and Cognitive Processes. Contact Dr. Joseph Young (202) 357-9898	February	1
Biochemistry. Contact Dr. Mary Kirtley (202) 357-7945	February	1
Biophysics. Contact Dr. King-Ping Wong (202) 357-7777	February	1
Cellular Physiology. Contact Dr. Judith Willis (202) 357-7377	February	1
Cell Biology. Contact Dr. Wallace LeSturgeon (202) 357-7474	February	1
Developmental Biology. Contact Dr. Clifton Poodry or Dr. Jane Peterson (202) 357-7989	February	1
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	February	1
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	February	1
Economics. Contact Dr. Daniel Newlon, Dr. Lynn Pollnow or Mr. James Slaugh, Jr. (202) 357-9675	February	1
Geography and Regional Science. Contact Dr. George Demko (202) 357-7441	February	1
Measurement Methods and Data Resources. Contact Dr. Murray Aborn or Dr. Sara Nerlove (202) 357-7913	February	1
Sociology. Contact Dr. Joanne Miller or Ms. Dorothy Greene (202) 357-7802	February	1
History and Philosophy of Science. Contact Dr. Ronald Overmann or Ms. Bonney Sheahan (202) 357-9677	February	1
Political Science. Contact Dr. Frank Scioli, Jr. or Dr. William Mishler (202) 357-9406	February	1

Law and Social Science. Contact Dr. Felice Levine (202) 357-9567	February	1
Decision and Management Science. Contact Dr. Trudi Miller (202) 357-7569	February	1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg (202) 357-7417	February	1
Ethics and Values in Science and Technology. Formal Proposals (NSF 83-62). Contact Dr. Rachele Hollander (202) 357-7552	February	1
Productivity Improvement Research (NSF 81-84). Contact Dr. Louis Tornatzky, Dr. J. Eveland or Dr. W. Hetzner (202) 357-9804 or Dr. E. Johnson, Ms. Lynn Schlaaff or Dr. Amy Walton (202) 357-7875	February	1
Sensory Physiology and Perception. Contact Dr. James Larimer (202) 357-7428	March	1
U.S.-East Asia Cooperative Science. Indonesia, Malaysia, Singapore, Thailand (NSF 83-50). Contact Dr. Gordon Hiebert (202) 357-9537	March	1
Science in Developing Countries (NSF 83-58). Contact Sub-Saharan Africa: Mr. Robert Bell (202) 357-9550; South and West Asia: Dr. Osman Shinaishin (202) 357-9402; East Asia: Dr. Gordon Hiebert (202) 357-9537; Latin America and Caribbean: Ms. Christine French (202) 357-9563	March	1
U.S.-East Asia Cooperative Science. Philippine component only (NSF 83-50). Proposals for long-term visits, cooperative research, and seminars and workshops. Contact Dr. Gerald A. Edwards (202) 357-9537	March	1
Biological Instrumentation. Multi-user instrument or instrument development (NSF 83-19). Contact Dr. Arthur Kowalsky (202) 357-7652	April	30
Doctoral Dissertation Research. Contact Dr. James Edwards (202) 357-9588	May	1
Climate Dynamics. Contact Dr. Hassan Virji (202) 357-9892	May	1
U.S. Antarctic Research. Request special proposal kit. Contact Mr. Guy Guthridge (202) 357-7817	June	1
Metabolic Biology. Contact Dr. William van Robertson (202) 357-7987	June	1
Ocean Sciences Research. Contact Dr. Robert Wall (202) 357-7924	June	15
Ecology. Contact Dr. Nancy Stanton (202) 357-9734	June	15
Systematic Biology. Contact Dr. Lloyd Knutson (202) 357-9588	June	15
Population Biology and Physiological Ecology. Contact Dr. Louis Pitelka (202) 357-9728	June	15

*NSF Proposals may be submitted for the following programs at any time of the year. It takes approximately six to nine months to process a proposal. Brochures indicated in parentheses may be ordered.

Biological Research Resources. Contact Dr. James Tyler (202) 357-7475	*
Ecosystem Studies. Contact Dr. Robert Woodmansee (202) 357-9596	*
U.S.-India Cooperative Science (NSF 82-86). Contact Dr. Osman Shinaishin, Dr. Jean Johnson (202) 357-9402 or Mr. Eugene Pronko (202) 357-9550	*

- U.S.-Pakistan Cooperative Science (NSF 80-49). Contact Dr. Osman Shinaishin, Dr. Jean Johnson (202) 357-9402 or Mr. Eugene Pronko (202) 357-9550 *
- U.S.-Sub-Saharan Africa Cooperative Science (NSF 83-58). Contact Mr. Robert Bell (202) 357-9550 *
- U.S.-New Zealand Cooperative Science. Letter-proposals for short-term visits (limited to airfare and three week per diem) to develop cooperative research in physical oceanography, air/sea interaction, marine geology, geophysics or biology (marine productivity). Contact Mr. Alan Milsap (202) 357-9558 *
- Honors Workshops for Precollege Teachers in Science and Mathematics (NSF 83-44). Contact Dr. Robert Watson (202) 357-7539 or Program Directors: Dr. Alexander Barton, Ms. Dorothy Deringer, Dr. Andrew Molnar, Dr. Theodore Reid (202) 357-7539 *
- Materials Development for Precollege Science and Mathematics (NSF 83-6). Contact Dr. Robert Watson (202) 357-7539 or Program Directors: Dr. Alexander Barton, Ms. Dorothy Deringer, Dr. Andrew Molnar, Dr. Theodore Reid (202) 357-7539 *
- Atomic, Molecular, and Plasma Physics. Contact Dr. Rolf Sinclair (202) 357-7997 *
- Elementary Particle Physics. Contact Dr. David Berley (202) 357-9575 *
- Gravitational Physics. Contact Dr. Richard Isaacson (202) 357-7979 *
- Intermediate Energy Nuclear Physics. Contact Dr. Hall Crannell (202) 357-7992 *
- Nuclear Physics. Contact Dr. William Rodney (202) 357-7992 *
- Theoretical Physics. Contact Dr. Boris Kayser (202) 357-7979 *
- Alternative Biological Resources. Contact Dr. H. Huang (202) 357-9782 *
- Industry/University Cooperative Research Projects (NSF 82-56). Contact Dr. Frederick Betz (202) 357-7785 or Mr. Alex Schwarzkopf (202) 357-7527 *
- Industry/University Cooperative Research Centers. Contact Mr. Robert Colton or Mr. Alex Schwarzkopf (202) 357-7527 *
- Minority Research Initiation (NSF 80-42). Contact Dr. Roosevelt Calbert (202) 357-7350 *
- Research in Information Science and Technology (NSF 81-34). Contact the Division of Information Science and Technology (202) 357-9572 *

U.S. DEPARTMENT OF AGRICULTURE

Postmark deadlines for proposals submitted for USDA's FY 1984 Competitive Research Grants Program are as follows:

Biological Stress on Plants	December	16
Biological Nitrogen Fixation	January	16
Photosynthesis	January	16
Human Nutrient Requirements	February	15

NATIONAL ENDOWMENT FOR THE HUMANITIES

Division of Research Programs

Travel to Collections (for travel after 6/15/84)	January	15
Analysis of Data on the Condition of the Humanities	January	23

NATIONAL INSTITUTE OF JUSTICE

Graduate Research Fellowship Program	March	2
Unsolicited Research Program	June	1

NONFEDERAL

THE ORA CONTACT NUMBER FOR NONFEDERAL DEADLINE/PROGRAM INFORMATION IS 373-1970.

American Cancer Society		
Clinical Investigation Grants	April	1
American Chemical Society - Petroleum Research Fund		
Grants-in-Aid	No Deadline	
American Council of Learned Societies		
Grants for Research in Chinese Studies		
(subject to funding)	December	15
East European Studies	December	15
Grants-in-Aid	December	15
American Diabetes Association		
Feasibility Grant Program	February	1
American Heart Association-Minnesota Affiliate		
Grants-in-Aid	December	15
American Philosophical Society		
Grants-in-Aid	Various--Contact ORA	
Arthritis Foundation-Minnesota Chapter	February	15
Center for Field Research (Earthwatch)		
Latin America Field Research Grants	No Deadline	
Cystic Fibrosis Foundation		
New Investigator Research Grants	April	1
Research Grants	April	1
Student Traineeships	February	1
Damon Runyon Walter Winchell Cancer Fund		
Fellowship Grants	December	15
	March	15
Human Cancer-Directed Fellowship Grants	December	15
	March	15
Distilled Spirits Council of the United States	February	1
	May	1
	August	1
Engineering Foundation		
Pre-proposals	No Deadline	
Gas Research Foundation		
Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline	
International Research and Exchange Board		
Travel Grants for Senior Scholars	January	31
	April	30
Developmental Fellowships	March	15

Proctor and Gamble Company	
University Exploratory Research Program	January 1
Research Corporation	
(Recommend submission 60 to 120 days prior to agency	
reviews in October, February and May)	No Deadline
Southeastern Poultry and Egg Association	No Deadline
Technicon Instruments Corporation	
Grants for Research in Biomedical and Industrial	
Instrumentation	
Pre-proposals	No Deadline
University Genetics Company (UGEN)	No Deadline
Veterans of Foreign Wars, Ladies Auxiliary	
Cancer Fellowship Grant	February 15
Villers Foundation	No Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

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PATENT ASSISTANCE

For staff members in need of help identifying patentable features of their research, Dr. Al Borders is again assisting our Patent Office. As an interim consultant with many years of industrial research experience, he is available for advice on new or pending patent cases and can be reached at 373-2012.

DATA ON SPONSORED ACTIVITY AVAILABLE

ORA's annual report on sponsored program activity at the University of Minnesota has historically been distributed each spring since 1975. The report, entitled "Levels and Trends in Sponsored Programs at the University of Minnesota," addresses in its text the President's budget, which is presented to Congress each January. Although the text is not yet prepared, most of the tables containing FY 1983 data are available. If you would like copies of specific tables contained in the report, please call ORA at 376-7358. We anticipate distribution of the complete report in March.

BUDGETARY RECOMMENDATION FOR PROPOSAL SUBMISSION

As most of you are aware, the University was mandated by the state legislature to implement, effective July 1, 1983, comparability increases for certain civil service positions. A brief and more complete explanation of the history and process involved that led to this procedure was detailed in John Erickson's memorandum to "All Employees Covered by the Civil Service Salary Plan" dated October 15, 1983.

The Office of Research Administration is aware and shares the concern of sponsored project investigators and departments regarding the impact of this unexpected increase on ongoing sponsored projects. To alleviate this problem for future years, we have sought input from the Personnel Department concerning the projected FY 1984-85 pay plan increases. Accordingly, the Personnel Department has provided the following information for estimated FY 1984-85 comparability increases. While these projections represent the most expensive cost estimate and are subject to further change, it is recommended that these increases be considered when developing a proposed budget if such positions are designated. Furthermore, in addition to the comparability increases, the July 1, 1984 conversion increase applicable to all civil service staff is estimated to be 4.5%, with an estimated 1% to 3% progression increase effective January 1, 1985.

The final item to be considered at time of budget preparation is the structural adjustments necessitated by the previously mentioned comparability increases. The structural adjustments, as indicated, apply only to those employees who are below the new range minimum.

ESTIMATED COMPARABILITY INCREASES
7/1/84

Title	Class	% Incr.	Title	Class	% Incr.
Office Assistant	1212	6.8	Word Processing Specialist	1244	7.0
Sr. Office Assistant	1214	7.6	Word Processing Supervisor	1246	2.9
Sr. Office Specialist	1216	5.3	Accounts Assistant	1132	7.4
Office Specialist	1220	7.5	Sr. Accounts Assistant	1133	7.0
Secretarial Assistant	1222	4.3	Accounts Specialist	1134	5.3
Secretary	1224	5.0	Data Entry Operator	1420	5.2
Sr. Secretary	1235	5.3	Sr. Data Entry Operator	1421	4.8
Principal Secretary	1236	8.2	Data Entry Supervisor	1422	5.9
Executive Secretary	1237	10.2	Sr. Data Entry Supervisor	1423	7.7
Administrative Secretary	1239	7.2	Personnel Assistant	1512	7.4
Word Processing Operator	1240	7.6	Telephone Operator	2314	7.6
Sr. Word Processing Operator	1242	5.0	Librarian	8414	3.7

ESTIMATED STRUCTURAL INCREASES
7/1/84

Title	Class	Old Minimum Range	New Minimum Range
Assistant to the Secretary, Board of Regents	1091	\$1,604 (C23)	\$1,698 (C25)
Assistant Administrator	1082	1,498 (A05)	1,604 (A07)
Associate Administrator	1084	1,658 (A08)	1,777 (A10)
Payments Supervisor	1127	1,476 (C20)	1,559 (C22)
Payroll Accounts Supervisor	1128	1,476 (C20)	1,559 (C22)
Sr. Accounts Specialist	1136	1,392 (C18)	1,476 (C20)
Accounts Supervisor	1137	1,476 (C20)	1,559 (C22)
Accountant	1141	1,449 (A04)	1,547 (A06)
Sr. Accountant	1142	1,604 (A07)	1,658 (A08)
Principal Accountant	1143	1,777 (A10)	1,843 (A11)
Sr. Auditor	1151	1,604 (A07)	1,658 (A08)
Principal Auditor	1132	1,777 (A10)	1,843 (A11)
Office Supervisor	1218	1,322 (C16)	1,392 (C18)
Associate Payroll Manager	1519	1,658 (A08)	1,777 (A10)
Payroll Supervisor, Hospital	1529	1,604 (A07)	1,716 (A09)
Personnel Records Supervisor	1513	1,476 (C20)	1,559 (C22)
Telephone Operator Supervisor	2316	1,058 (C07)	1,218 (C13)
Jr. Scientist	4442	1,401 (A03)	1,449 (A04)
Assistant Scientist	4472	1,547 (A06)	1,604 (A07)
Associate Scientist	4474	1,777 (A10)	1,843 (A11)
Personnel Document Analyst	1511	1,251 (C14)	1,322 (C16)
Food Operations Supervisor	6322	1,109 (C09)	1,218 (C13)
Sr. Food Operations Supervisor	6317	1,190 (C12)	1,322 (C16)
Principal Food Operations Supervisor	6326	1,284 (C15)	1,434 (C19)
Food Operations Manager	6328	1,310 (A01)	1,449 (A04)
Sr. Food Operations Manager	6329	1,401 (A03)	1,547 (A06)
Principal Food Operations Manager	6330	1,547 (A06)	1,716 (A09)
Administrative Food Operations Manager	6331	1,777 (A10)	1,843 (A11)

U.S. DEPARTMENT OF EDUCATION (USDE) CLARIFIES POLICY ON FOREIGN/DOMESTIC AND CONSULTANT TRAVEL REIMBURSEMENTS

The Office of Research Administration has recently received a *general* interpretation from USDE relevant to use of grant funds for reimbursement of foreign travel by staff and/or foreign consultants. USDE's response indicates that all foreign travel, whether staff or consultant, must be approved in advance as required by CFR 34, Part 74, J.44.e. To satisfy this requirement, even if reimbursement from a grant covers only *per diem*, proposed travel must be shown as a line item, staff travel and/or consultant category as applicable, in the approved budget, or a budgetary change must be requested via letter, countersigned by ORA, to permit rebudgeting within allotted funds to cover such cost. When USDE funds are to be used for payment of a common carrier for travel, the request must also seek approval of the itinerary. Such requests should be sent six weeks prior to departure and shall include airline(s), flight number(s), dates of travel, etc. These same guidelines shall be followed to pay for travel of a foreign consultant.

Additionally, USDE indicated that should the need arise, as detailed above, for a specific consultant not identified in the proposal, a curriculum vitae should be provided at the time of selection so that USDE program staff may be satisfied that the background and expertise of the proposed person contribute to the scope of work being done under the grant and support the original intention of the proposal.

A final reminder from USDE was provided regarding domestic travel, citing compliance with CFR 34, Part 74, J.44.f., which reads: "Expenditures for domestic travel may not exceed \$500 or 125% of the amount allotted for such travel, by the sponsoring agency, whichever is greater, except with approval." It is essential to keep in mind that specific grant regulations reflected on your award notice take precedence over *general* regulations. Questions should be referred to your appropriate grant administrator in ORA, namely, Todd Morrison, Susan Stensland or Mary Lou Weiss.

NSF STREAMLINES RENEWAL PROPOSALS

NSF has announced an optional approach for submission of renewal proposals for NSF research grants. Unless precluded by individual program requirements, Principal Investigators now have the option of submitting a *traditional* renewal proposal or an Accomplishment-Based Renewal (ABR) proposal. An ABR proposal replaces the traditional full project description or main body of the proposal with (1) copies of publications resulting from the research supported by NSF and other sources during the preceding three to five year period, and (2) a brief description of research plans for the requested support period. Principal Investigators are encouraged to discuss these proposal renewal options with their NSF Program Officials, as the ABR may not be a suitable option in all cases. For detailed procedures to be used in submitting an ABR proposal, please contact Judy Krzyzek in ORA at 373-2784.

NATIONAL ENDOWMENT FOR THE HUMANITIES (NEH) SUMMER SEMINARS FOR COLLEGE TEACHERS

NEH has announced continuation of the program of NEH Summer Seminars for College Teachers for the summer of 1985. They are seeking scholars to direct these seminars who are well qualified for the task by reason of the quality of their scholarship and their ability and interest in undergraduate teaching. The

deadline for submission of proposals to direct 1985 Summer Seminars is February 1, 1984. For further information and/or application forms, please contact Dr. Jeanette Beer, Division of Fellowships and Seminars, National Endowment for the Humanities, 1100 Pennsylvania Avenue N.W., Washington, DC 20506, (202) 786-0463.

SUBMISSION OF UNSOLICITED PROPOSALS TO DEPARTMENT OF DEFENSE

The Department of Defense has recently issued instructions for a standardized cover page to be used in submitting unsolicited proposals. This new cover page will expedite the issuance of a Short Form Research Contract if the proposal is selected for funding. Copies of the cover page may be obtained from the ORA by calling 373-2088 or 373-2771.

SUMMER FACULTY PROGRAM OPPORTUNITIES

Science and engineering faculty who are U.S. citizens with teaching or research appointments in universities or colleges, preferably with two years experience, are eligible to apply for the following summer faculty program opportunities: (1) Department of Energy-American Society of Engineering Education (DOE-ASEE) 1984 Summer Faculty Program: Solar Thermal Research and Development, and (2) National Aeronautics and Space Administration-American Society of Engineering Education (NASA-ASEE) Summer Faculty Fellowships: Aerospace Research. Offers of appointment will be made after March 1, 1984. A complete copy of the program announcement and/or application forms may be obtained from ORA by calling 373-2771. Deadline: February 1, 1984.

NATIONAL SUDDEN INFANT DEATH SYNDROME (SIDS) FOUNDATION

The SIDS Foundation announces availability of a limited number of research fellowships in the amount of \$1,500 for an 8 to 12 week period of research. The program is designed for students in medicine and related professional fields for the purpose of giving research-oriented students exposure to SIDS in a way that they may develop an ongoing interest in this research. Only one fellowship will be awarded to an educational institution or agency each grant period. Contact ORA at 373-1970 for further information.

INSTITUTIONAL RESEARCH GRANT AWARD FROM THE AMERICAN CANCER SOCIETY

The University of Minnesota has been awarded a renewal of its Institutional Research Grant from the American Cancer Society (ACS) for 1983-1984. This fund is intended to serve as "seed" money permitting the initiation of promising new projects or novel ideas, especially by junior investigators, in cancer-related research. Encouragement of cancer research may also be facilitated by support of seminars on cancer-related topics, and by graduate student research. The fund is administered by a Dean's Committee of the Medical School with representation from other biologically-oriented colleges. The Committee is now accepting applications for individual grants not to exceed \$7,500 from this fund with a deadline date of February 15, 1984. Instructions and application forms may be obtained from the Dean's Committee for the ACS Institutional Research Grant, 421 Masonic Cancer Center, 373-4318.

OFFICE OF INTERNATIONAL PROGRAMS DEADLINE INFORMATION

The Office of International Programs (OIP) has information--including deadline dates--on major faculty/student fellowship and grant programs which support international activities. For further information, please contact the OIP at 373-1793.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, agency deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

THE ORA CONTACT NUMBERS FOR FEDERAL DEADLINE/PROGRAM INFORMATION ARE AS FOLLOWS:

DEPARTMENT OF HEALTH AND HUMAN SERVICES	373-5925
DEPARTMENT OF EDUCATION	373-5925
OTHER FEDERAL AGENCIES	373-2771

NATIONAL INSTITUTES OF HEALTH

Fogarty International Center, Eastern European Scientist Exchange Program	Open	
Fogarty, Senior International Fellowships for 1984-85	January	15
NCI, RFA: NIH-NCI-DRCCA-CCAB-83-17, Cancer Control Science Program: Program Projects (Letter of intent by 12/1/83)	January	15
NCI, RFA: NIH-NCI-DRCCA-CCAB-83-18, Cancer Control Research Units (Letter of intent by 12/1/83)	January	15
NCI, Clinical Cancer Education Program	February	1
NCI, The NCI Clinical Investigator Award	February	1
NCI, RFA: 84-CA-01, A Phase III Trial of a Low Fat Diet in Women at Increased Risk for Breast Cancer (Letter of intent by 1/1/84)	February	1
NCI, RFA: NIH-NCI-DCBD-DB-83-15, Application of Recombinant DNA Technology to Diagnosis of Cancer	February	15
NCI, Surgical Oncology Research:		
Program Project Grants	February	1
Individual Research Grants	March	1
NCI, Non-Invasive Approach for Detection of Lung Cancer	March	1
NCI, Specific Immunoassays for Cancer Associated Isoenzymes	March	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines	March	1
NCI, Determination of the Therapeutic Usefulness of Purified Cytokines and Anti-Cytokine Monoclonal Antibodies in Cancer Models	March	1
NCI, Development of Genetically Engineered Cell Products	March	1
NCI, Use of Tumor Associated Antigens as Immunogens	March	1
NCI, Use of Growth Factors, Maturation Factors and Anti-Growth Factors in Animal Tumor Models	March	1

NHLBI, RFA: NIH-NHLBI-DBDR-84G-A, Hemorrhologic Contributions to Thrombosis (Letter of intent by 1/15/84)	February	15
NHLBI, RFA: NIH-RFA-NHLBI-DBDR-84-G-B, Development of Therapeutic Agents for Sickle Cell Disease	February	15
NHLBI, RFA: NIH-RFA-NHLBI-DHVD-84-G-C, Sodium Sensitivity and Blood Pressure Response (Letter of intent by 12/15/83)	February	15
NHLBI, RFA: NIH-RFA-NHLBI-84G-E, Demonstration and Education Research in Heart, Blood, Vessel, Lung, and Blood Diseases and Blood Resources (Letter of intent by 12/15/83)	February	15
NHLBI, RFA: NIH-RFA-NHLBI-DLD-84-G-G, Isolation and Characterization of Human Lung Cells	February	15
NHLBI, School Health Promotion and Cardiovascular Health of Children and Adults	March	1
NHLBI, New Investigator Award-Research Grant	March	1
NHLBI, Protection of the Immature Myocardium During and Following Cardiac Surgery	March	1
NHLBI, Mechanisms of Biobehaviorally Induced Ventricular Arrhythmias and Sudden Cardiac Death	March	1
NHLBI, Biobehavioral Sequellae of Antihypertensive Therapies	March	1
NHLBI, RFA: NIH-NHLBI-DHVD-84-G-I, Pathogenesis of Essential Hypertension: Neurobiological and Molecular Biological Approaches	April	2
NHLBI, RFA: NIH-NHLBI-DHVD-84-G-J, Aspects of Inflammatory Processes in Atherogenesis	April	2
NHLBI, Preventive Cardiology Academic Award (Limited to one award for <i>each</i> School of Medicine or Osteopathy in the U.S., its possessions or territories)	April	2
NHLBI, RFA: NIH-RFA-NHLBI-DLD-84-G-F, Production of Toxic Oxygen Species in Acute Lung Study (Letter of intent by 12/15/83)	April	2
NHLBI, RFA: NIH-RFA-NHLBI-DHVD-84-G-D, Adult Mammalian Cardiac Myocytes	April	16
NHLBI, RFA: NIH-RFA-NHLBI-DHVD-G-H, Specialized Centers of Research in Hypertension	May	1
NIA/NIAID/NIADDK/NICHD/NIDR/NIEHS/NEY/NHLBI, Physician Scientist Award	February	1
NIA Small Grant Awards for Pilot Projects	February	1
NIA, Special Emphasis Research Career Award for Social and Behavioral Scientists in Behavioral Geriatrics Research	February	1
NIA, Cellular Aging Research: Differentiated Cells in Culture:		
Institutional Training Grants	February	1
Individual Postdoctoral Fellowships	February	1
Program Project Grants	February	1
Clinical Investigator Awards	February	1
Research Career Development Awards	February	1
New Investigator Research Award	March	1
Research Grants	March	1

NIA, Social And Behavioral Research on Aging		
Institutional Training Grants	February	1
Program Project Grants	February	1
Research Career Development Awards	February	1
Small Grants	February	1
New Investigator Research Award	March	1
Research Grants	March	1
NIA, Health Functioning in Middle and Later Years		
Institutional Training Grants	February	1
Program Project Grants	February	1
Research Career Development Awards	February	1
Small Grants	February	1
New Investigator Research Award	March	1
Research Grants	March	1
NIA, Aging and Visual Perception		
Individual Postdoctoral Fellowships	February	1
Institutional Training	February	1
New Investigator Awards	March	1
Research Project Grants	March	1
NIA, Health Behaviors and Aging: Behavioral Geriatrics Research:		
Individual Postdoctoral Fellowships	February	1
Program Project Grants	February	1
New Investigator Awards	March	1
Research Grants	March	1
NIA, Social Environments Influencing Health and Effective Functioning in the Middle and Later Years:		
Individual Postdoctoral Fellowships	February	1
Program Project Grants	February	1
New Investigator Awards	March	1
Research Grants	March	1
NIA, Genetics, Molecular and Cellular Biology Programs	March	1
NIA/NIAID/NIADDK/NCI/NICHD/NIDR/NIEHS/NEY/NIGMS/NHLBI/ NINCDS, Research Grants for Clinical Testing of Orphan Products for Rare Diseases	March	1
NIA Program Project Research Grants	June	1
NIADDK, Clinical Investigator Award	February	1
NIADDK, Research on Benign Prostatic Hyperplasia	March	1
NIADDK, The Immune Base of Renal Disease	March	1
NIADDK/NHLBI, RFA: 84-AMHL-01, The Genetic and Metabolic Defects Underlying Cystic Fibrosis (Letter of intent by 2/15/84)	March	15
NIADDK, RFA: 84-AM-01, Digestive Diseases Core Centers	March	15
NIAID, RFA: 84-AI-01, Tropical Disease Research Units	February	15
NIAID/NINCDS, Research Grants in the Field of Nervous System Modulation of Immune Responses and Interactions Between the Nervous and Immune Systems	March	1
NIAID, RFA: 84-AI-03, Program Projects on Mechanisms of Immunologic Diseases (Letter of intent by 3/15/84)	June	15
NIAID, RFA: 84-AI-02, Asthma and Allergic Disease Centers and Asthma and Allergic Disease Centers for Immuno- dermatologic Studies (Letter of intent by 7/15/84)	October	15
NICHD, Clinical Investigator Award	February	1
NICHD, Behavioral/Biomedical Interdisciplinary Research Training:		
Institutional Grant	February	1
Individual Postdoctoral Fellowships	February	1

NICHD, RFA: NIH-NICHD-CPR-RS-83-3, Human Male Infertility	February	15
NIEHS, Special Program Areas of Interest: A) Alternative Designs of Standard Cancer Bioassay; B) Studies Relating Human Health Effects to PBB; C) Immunotoxicology of Environmental Agents; D) Biological Effects of Chemical Interactions; E) Environmental Medicine	March	1
NIEHS, New Investigator Research Award Program	March	1
NIH, Research Grants, Renewals	February	1
NIH, Research Career Development Awards	February	1
NIH, Individual Postdoctoral Fellowships	February	1
NIH, Institutional Training Programs	February	1
NIH, Support of Meetings (Scientific, U.S.A. or International)	February	1
NIH, DRR, NMR Resources, Biotechnology Resources Program	February	1
NIH, DRR, Biomedical Research Support Shared Instrumenta- tion Grants	February	15
NIH, Research Grants, New	March	1
NIH, New Investigator Awards	March	1
NINCDS, Teacher-Investigator Development Award	February	1
NINCDS, Research Grants on Small Animal Models for Screening Antiepileptic Drugs	March	1
NINCDS, Research Grants on Hormones and Epilepsy	March	1
NINCDS, Research Grants Related to Basic Mechanisms in Phakomatoses	March	1
NIOSH, Occupational Safety and Health, Small Research Grants	February	1

NIH ANNUAL DEADLINES

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <u>for each</u> : School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1
NHLBI, Preventive Cardiology Academic Award	April	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1
NIA, Academic Award	July	1
NIADDK/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIGMS, NIGMS Shared Instrumentation Grants	February	15
NIH, NRSA for Short-Term Training of Students in Health Professional Schools (Limited to one application per health professional school for a given receipt date)	February	1

CENTERS FOR DISEASE CONTROL

NIOSH, Research and Demonstrations Relating to Occupational Safety and Health:		
Small Grants	February	1
Regular Research	March	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, Renewals	February	1
ADAMHA, Individual Postdoctoral Fellowships	February	1
ADAMHA, Institutional Training Grants, NRSA	February	1
ADAMHA, Research Scientist Development/Research Scientist Award	February	1
ADAMHA, Research Grants, New	March	1
ADAMHA, Research on the Prevention of ADM Disorders in Children and Adolescents	March	1
NIAAAA/NIDA/NIMH, Individual NRSA	February	1
NIAAAA/NIDA/NIMH, Institutional NRSA Training	February	1
NIAAAA/NIDA/NIMH, ADAMHA Prevention Research New Investigator Award	March	1
NIDA, Marijuana Research Grants Program	March	1
NIDA, Youth Drug Abuse Treatment Research Grants	March	1
NIDA, Family Therapy and Prevention Research	March	1
NIDA, Drug Abuse Prevention Research	March	1
NIMH, Research Grants Program	March	1
NIMH, Clinical Research Centers on Psychopathology of the Elderly	March	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Grants for Health Services Dissertation Research	March	15
Conference Grants (Preliminary submission required prior to formal application)	Open	

FOOD AND DRUG ADMINISTRATION

Research Grants, New	March	1
Research Grants, Renewals	February	1

HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants	May	7
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DEPARTMENT OF EDUCATION

Public Service Education Fellowships	January	16
Handicapped Children's Early Education-Demonstration Projects	January	20
Bilingual Education Act-Demonstration Projects Program	February	1
Bilingual Education Act-Basic Projects, 84.003B	February	10
Bilingual Education Act-Training Projects, 84.003L/84.003J	February	21
Bilingual Education Act-Vocational Instructor Training	February	21
Bilingual Education Act-Vocational Training	February	21
Special Educational Programs for Students Whose Families are Engaged in Migrant and Other Seasonal Farmwork, HEP	February	29
Research in Education of the Handicapped--Student Initiated Research Projects	March	16
Fund for the Improvement of Post-secondary Education (FIPSE) Final Applications	April	10

NATIONAL INSTITUTE OF EDUCATION

Research Grants on Law and Government Studies in Education		
Final Application (Preapplication required 1/4/84)	March	2
Unsolicited Proposals	February	3

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Nursing Research Program Grants	February	1
Bureau of Health Professions, Grants for Utilization of Research in Nursing Practice, Nursing Services	February	1
Nursing Research Emphasis Grants for Doctoral Programs in Nursing	March	1
Nursing Research Project Grants	March	1
Bureau of Health Professions, New Investigator Nursing Research Awards	March	1

NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

Information Science and Technology. Special Research Initiation Awards for New Investigators (NSF 81-34 and 81-69). Contact Dr. Edward Weiss (202) 357-9572	February	1
VLSI (Very Large Scale Integration) Fast Turnaround Fabrication Service for Universities (NSF 83-43). Contact Dr. Andrew Molnar (202) 357-7539	March	1
U.S.-India International Travel Support (NSF 82-86). Scientists of both U.S. and India are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	March	1
U.S.-Pakistan International Travel Support (NF 80-49). Scientists of both U.S. and Pakistan are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	March	1
U.S.-India Exchange of Scientists (NSF 78-66 and 82-86). U.S. senior scientists only submit to NSF; Indian scientists, to the Indian Council of Scientific and Industrial Research. Contact Mr. Eugene Pronko (202) 357-9550 or Dr. Osman Shinaishin (202) 357-9402	March	15
U.S.-Australia Cooperative Science (NSF 81-49 Rev. 1/82). All proposals for individual visits in 1985 and for other projects with requested effective dates falling between January 1 and June 30, 1985. Contact Mr. Alan Milsap (202) 357-9537	April	1
U.S.-New Zealand Cooperative Science (NSF 81-50). All proposals for projects with requested effective date falling between January 1 and June 30, 1985. Contact Mr. Alan Milsap (202) 357-9537	April	1

U.S.-Japan Cooperative Science. Cooperative Research (NSF 81-58). Proposals for cooperative research and joint seminar activities are due prior to deadline dates; proposals for long-term visits (6-12 months) are accepted throughout the year. Contact Dr. Charles Wallace (202) 357-9537	April	1
U.S.-Scandinavia and The Netherlands Cooperative Science. Semi-annual deadline for proposals for joint research, seminars, and long-term research visits. Contact Mr. Henryk Uznanski (202) 357-7554	April	1
U.S.-France Cooperative Science. Proposals for cooperative research projects and joint workshops/seminars with requested effective dates in calendar year 1985. Contact Dr. Kenneth Hancock (202) 357-7554	May	1
U.S.-Latin America and The Caribbean Region (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits with scientists from any independent country of the region. Contact Ms. Christine French (north of the Equator) and Dr. Harold Stolberg (south of the Equator) (202) 357-9563	May	1
U.S.-Argentina Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Dr. Harold Stolberg (202) 357-9563	May	1
U.S.-Brazil Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Dr. Harold Stolberg (202) 357-9563	May	1
U.S.-Mexico Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Ms. Christine French (202) 357-9563	May	1
U.S.-Venezuela Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Ms. Christine French (202) 357-9563	May	1
U.S.-Federal Republic of Germany Cooperative Science. Joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Switzerland Cooperative Science. Joint research, seminars and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Japan Cooperative Science. Joint seminars (NSF 81-58). Proposals for cooperative research and joint seminar activities are due prior to deadline dates; proposals for long-term visits (6-12 months) are accepted throughout the year. Contact Dr. Charles Wallace (202) 357-9537	June	1
U.S.-India International Travel Support (NSF 82-86). Scientists of both U.S. and India are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	June	1
U.S.-Pakistan International Travel Support (NSF 80-49). Scientists of both U.S. and Pakistan are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	June	1
U.S.-Korea Cooperative Science (NSF 83-50). Proposals for long-term visits and cooperative research only. Contact Dr. Gerald A. Edwards (202) 357-9537	July	1

U.S.-East Asia Cooperative Science. Philippine component only (NSF 83-50). Proposals for long-term visits, cooperative research, and seminars and workshops. Contact Dr. Gerald A. Edwards (202) 357-9537	July	1
Ship Operations Support (NSF 81-18). Shipboard Technicians (NSF 81-23), Oceanographic Instrumentation (NSF 81-25), and Shipboard Scientific Support Equipment (NSF 81-26). Contact Mr. Ronald La Count (202) 357-7837	July	1
Small Business Innovation Research. Contact Mr. Roland Tibbetts or Mr. Ritchie Coryell (202) 357-7527	July	15

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Ocean Sciences Instrumentation Development. Request the brochure, <i>Proposals for Ocean Sciences Instrumentation Development</i> , from Mr. H. Lawrence Clark (202) 357-7837	February	1
Ocean Sciences Research. Contact Dr. Robert Wall (202) 357-7924	February	1
Climate Dynamics. Contact Dr. Hassan Virji (202) 357-9892	February	1
Memory and Cognitive Processes. Contact Dr. Joseph Young (202) 357-9898	February	1
Biochemistry. Contact Dr. Mary Kirtley (202) 357-7945	February	1
Biophysics. Contact Dr. King-Ping Wong (202) 357-7777	February	1
Cellular Physiology. Contact Dr. Judith Willis (202) 357-7377	February	1
Cell Biology. Contact Dr. Wallace LeSturgeon (202) 357-7474	February	1
Developmental Biology. Contact Dr. Clifton Poodry or Dr. Jane Peterson (202) 357-7989	February	1
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	February	1
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	February	1
Economics. Contact Dr. Daniel Newlon, Dr. Lynn Pollnow or Mr. James Slaugh, Jr. (202) 357-9675	February	1
Geography and Regional Science. Contact Dr. George Demko (202) 357-7441	February	1
Measurement Methods and Data Resources. Contact Dr. Murray Aborn or Dr. Sara Nerlove (202) 357-7913	February	1
Sociology. Contact Dr. Joanne Miller or Ms. Dorothy Greene (202) 357-7802	February	1
History and Philosophy of Science. Contact Dr. Ronald Overmann or Ms. Bonney Sheahan (202) 357-9677	February	1
Political Science. Contact Dr. Frank Scioli, Jr. or Dr. William Mishler (202) 357-9406	February	1
Law and Social Science. Contact Dr. Felice Levine (202) 357-9567	February	1
Decision and Management Science. Contact Dr. Trudi Miller (202) 357-7569	February	1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg (202) 357-7417	February	1
Ethics and Values in Science and Technology. Formal Proposals (NSF 83-62). Contact Dr. Rachelle Hollander (202) 357-7552	February	1

Productivity Improvement Research (NSF 81-84). Contact Dr. Louis Tornatzky, Dr. J. Eveland or Dr. W. Hetzner (202) 357-9804 or Dr. E. Johnson, Ms. Lynn Schlaaff or Dr. Amy Walton (202) 357-7875	February	1
Sensory Physiology and Perception. Contact Dr. James Larimer (202) 357-7428	March	1
U.S.-East Asia Cooperative Science. Indonesia, Malaysia, Singapore, Thailand (NSF 83-50). Contact Dr. Gordon Hiebert (202) 357-9537	March	1
Science in Developing Countries (NSF 83-58). Contact Sub-Saharan Africa: Mr. Robert Bell (202) 357-9550; South and West Asia: Dr. Osman Shinaishin (202) 357-9402; East Asia: Dr. Gordon Hiebert (202) 357-9537; Latin America and Caribbean: Ms. Christine French (202) 357-9563	March	1
U.S.-East Asia Cooperative Science. Philippine component only (NSF 83-50). Proposals for long-term visits, cooperative research, and seminars and workshops. Contact Dr. Gerald A. Edwards (202) 357-9537	March	1
Biological Instrumentation. Multi-user instrument or instrument development (NSF 83-19). Contact Dr. Arthur Kowalsky (202) 357-7652	April	30
Doctoral Dissertation Research. Contact Dr. James Edwards (202) 357-9588	May	1
Climate Dynamics. Contact Dr. Hassan Virji (202) 357-9892	May	1
U.S. Antarctic Research. Request special proposal kit. Contact Mr. Guy Guthridge (202) 357-7817	June	1
Metabolic Biology. Contact Dr. William van Robertson (202) 357-7987	June	1
Ocean Sciences Research. Contact Dr. Robert Wall (202) 357-7924	June	15
Ecology. Contact Dr. Nancy Stanton (202) 357-9734	June	15
Systematic Biology. Contact Dr. Lloyd Knutson (202) 357-9588	June	15
Population Biology and Physiological Ecology. Contact Dr. Louis Pitelka (202) 357-9728	June	15
Social and Developmental Psychology. Contact Dr. Jean Intermaggio (202) 357-9485	July	1
Earth Sciences Research Equipment (NSF 83-28). Contact Dr. Ian MacGregor (202) 357-9591	July	1
Earth Sciences: Stratigraphy and Paleontology; Environmental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	July	1
Biochemistry. Contact Dr. Mary Kirtley (202) 357-7945	July	2
Biophysics. Contact Dr. Kin-Ping Wong (202) 357-7777	July	2
Cellular Physiology. Contact Dr. Judith Willis (202) 357-7377	July	2
Cell Biology. Contact Dr. Wallace LeSturgeon (202) 357-7474	July	2
Developmental Biology. Contact Dr. Clifton Poodry or Dr. Jane Peterson (202) 357-7989	July	2
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	July	2

Regulatory Biology. Contact Dr. Bruce Umminger
(202) 357-7975

July 2

U.S. DEPARTMENT OF AGRICULTURE

Postmark deadlines for proposals submitted for USDA's FY 1984 Competitive Research Grants Program are as follows:

Genetic Mechanisms for Crop Improvement	January	16
Biological Nitrogen Fixation	January	16
Photosynthesis	January	16
Human Nutrient Requirements	February	15

U.S. DEPARTMENT OF ENERGY

DOE/ASEE 1984 Summer Faculty Program Solar Thermal Research and Development	February	1
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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

NASA/ASEE 1984 Summer Faculty Fellowships Aerospace Research	February	1
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NATIONAL ENDOWMENT FOR THE HUMANITIES

Division of Research Programs Travel to Collections (for travel after 6/15/84)	January	15
Analysis of Data on the Condition of the Humanities	January	23
1985 Summer Seminars for College Teachers	February	1

NATIONAL INSTITUTE OF JUSTICE

Graduate Research Fellowship Program	March	2
Unsolicited Research Program	June	1

NONFEDERAL

THE ORA CONTACT NUMBER FOR NONFEDERAL DEADLINE/PROGRAM INFORMATION IS 373-1970.

American Association of Oral and Maxillofacial Surgeons Research Fellowship Award	April	1
American Cancer Society Clinical Investigation Grants	April	1
American Chemical Society - Petroleum Research Fund Grants-in-Aid	No Deadline	
American Diabetes Association Feasibility Grant Program	February	1
American Numismatic Association	March	1
American Philosophical Society Grants-in-Aid	Various--Contact ORA	
Arthritis Foundation-Minnesota Chapter	February	15
Bedding Plants Foundation, Inc.	May	1

Center for Field Research (Earthwatch)	
Latin America Field Research Grants	No Deadline
Cystic Fibrosis Foundation	
New Investigator Research Grants	April 1
Research Grants	April 1
Student Traineeships	February 1
Damon Runyon Walter Winchell Cancer Fund	
Fellowship Grants	March 15
Human Cancer-Directed Fellowship Grants	March 15
Distilled Spirits Council of the United States	February 1
	May 1
	August 1
Engineering Foundation	
Pre-proposals	No Deadline
Gas Research Foundation	
Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline
International Research and Exchange Board	
Travel Grants for Senior Scholars	January 31
	April 30
	March 15
Developmental Fellowships	
Juvenile Diabetes Foundation	
Research Grants	March 1
Kellogg Foundation	
Expanding Opportunities for Adult Continuing Education	Continuous
Health Promotion and Disease Prevention Programs	Continuous
Coordinated, Cost-Effective Health Service Programs	Continuous
Improving Human Well Being through Productive Agriculture	Continuous
Fostering Leadership Capacity	Continuous
March of Dimes Birth Defects Foundation	
Reproductive Hazards in the Workplace	
Abstracts	February 1
Final	June 1
Basil O'Connor Starter Research Grants	Continuous
Mathers Charitable Foundation	Continuous
Minnesota Humanities Commission	
General Grants	
Draft Application	January 13
	April 13
	July 20
	October 19
Final Application (for January 13 draft)	February 3
(for April 13 draft)	May 4
(for July 20 draft)	August 10
(for October 19 draft)	November 9
Small Grants	No Deadline
Media Grants	
Application Review	January 6
	July 13
Final Application	February 3
	May 4
	August 10
	November 9
Minnesota Medical Foundation	March 31
	June 30
Charles Stewart Mott Foundation (Letter of inquiry)	No Deadline

National Association of Animal Breeders		
Research Grants	February	1
National Dairy Council (Letter of intent)	May	1
National Foundation for Ileitis and Colitis	February	1
National Geographic Society		
Grants-in-Aid	No Deadline	
National Multiple Sclerosis Society		
Research Grants	February	1
Postdoctoral Fellowships	February	1
Junior Faculty Award	February	1
National Sudden Infant Death Syndrome Foundation	March	1
Orthopaedic Research and Education Foundation		
Fellowships	February	15
Pharmaceutical Manufacturers Association Foundation		
Developmental Grants for Clinical Pharmacology Units	January	15
Research Corporation		
(Recommend submission 60 to 120 days prior to agency reviews in October, February and May)	No Deadline	
Southeastern Poultry and Egg Association	No Deadline	
Technicon Instruments Corporation		
Grants for Research in Biomedical and Industrial Instrumentation		
Pre-proposals	No Deadline	
University Genetics Company (UGEN)	No Deadline	
Veterans of Foreign Wars, Ladies Auxiliary		
Cancer Fellowship Grant	February	15
Villers Foundation	No Deadline	

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

Office of Research Administration
Administrative Services Center, 5th Floor
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ORA RDC Newsletter

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FEBRUARY 1984

VOLUME XIII/NO. 8

WORKSHOP ON INVENTION AND INNOVATION

"Invention: From Idea to Success," the fourth annual Midwest Inventors and Innovation Workshop for private and corporate inventors, entrepreneurs, and investors will be held Friday, March 23 and Saturday, March 24, 1984, at the University of Minnesota Landscape Arboretum, Chanhassen, Minnesota (30 minutes west of downtown Minneapolis). The conference, which has the support of many private and governmental groups, is co-sponsored by the University of Minnesota and the Minnesota Inventor and Technology Transfer Committee. For a brochure and more information, contact: John S. Vollum, 222 Nolte Center, 315 Pillsbury Drive S.E., University of Minnesota, Minneapolis, MN 55455, (612) 373-3157.

UNITED STATES INFORMATION AGENCY (USIA) UNIVERSITY AFFILIATION PROGRAM

The Bureau of Educational and Cultural Affairs of the USIA has announced the FY 1984 program of support for institutional partnerships between U.S. and non-U.S. colleges and universities. This program has four broad goals: To promote mutual understanding; to strengthen the research and teaching abilities of U.S. and non-U.S. institutions; to contribute to the academic excellence of the participating institutions; and to expand the number of institutions participating in international exchange programs. Eligible fields will be in the humanities, social sciences, communications and education. Further information may be obtained from ORA by calling 373-2088. Postmark deadline: March 30, 1984.

U.S. DEPARTMENT OF AGRICULTURE FY 1984 SPECIAL AND ALCOHOL FUELS RESEARCH GRANTS PROGRAM

The U.S. Department of Agriculture has announced its FY 1984 Special and Alcohol Fuels Research Grants Program. A copy of the application kit and program announcement may be obtained from ORA by calling 373-2771. Proposals must be received in the Grants Administrative Management Office by the close of business on the dates specified for each program area shown under USDA's deadline section of the Newsletter.

DOD-ARMY RESEARCH INSTITUTE (ARI) FOR BEHAVIORAL AND SOCIAL SCIENCES PROGRAM OPPORTUNITIES

BASIC RESEARCH: The objective of the Basic Research Program is to develop the behavioral science base for future applied research to improve the effectiveness of Army systems and soldiers. This includes the development of data bases, as well as the development of new techniques and methodologies within the behavioral science areas. Areas of research receiving priority in funding include (1) ability assessment, (2) instructional techniques and systems, (3) cognitive processing limitations, and (4) artificial intelligence. For further information, contact Dr. Robert M. Sasmor, Director, Basic Research Program, U.S. Army Research Institute, 5001 Eisenhower Avenue, Alexandria, VA 22333, (202) 274-8641.

MANPOWER RESEARCH: This program focuses upon designing and developing methods to improve the process of recruiting, selecting, assigning and retaining Army personnel. Related efforts seek to improve the effectiveness of military organizations through methods for enhanced management and leadership, and the dynamics of unit cohesion. Knowledge and techniques of the behavioral sciences are used to address the difficult challenge of developing tools and procedures to aid decision makers in the Army's personnel system. Contracts are normally competitive solicitations for which deadline dates are announced in the Commerce Business Daily. Unsolicited proposals, though not encouraged, should be submitted during the first quarter of the fiscal year for funding in that year. For further information, contact Dr. Joyce L. Shields, Director, Manpower and Personnel Research Laboratory, U.S. Army Research Institute, 5001 Eisenhower Avenue, Alexandria, VA 22333, (202) 274-8705.

HUBERT H. HUMPHREY FELLOWSHIP COMPETITION

The U.S. Arms Control and Disarmament Agency will conduct a competition in 1984 for one-year Hubert H. Humphrey Fellowships in arms control and disarmament. The fellowships will support unclassified doctoral dissertation research in this field. The fellowship stipends for Ph.D. candidates will be \$5,000, plus application tuition and fees up to a maximum of \$3,400. The application deadline for the awards, which are for the period beginning September 1984, is March 1, 1984 and announcement of final selection will be on May 31, 1984. For information, write: Hubert H. Humphrey Fellowship Program, Office of Public Affairs, U.S. Arms Control and Disarmament Agency, Washington, DC 20451.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, agency deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

THE ORA CONTACT NUMBERS FOR FEDERAL DEADLINE/PROGRAM INFORMATION ARE AS FOLLOWS:

DEPARTMENT OF HEALTH AND HUMAN SERVICES	373-5925
DEPARTMENT OF EDUCATION	373-5925
OTHER FEDERAL AGENCIES	373-2771

NATIONAL INSTITUTES OF HEALTH

Fogarty International Center, Eastern European Scientist Exchange Program	Open	
NCI, RFA: NIH-NCI-DCBD-DB-83-15, Application of Recombinant DNA Technology to Diagnosis of Cancer	February	15
NCI, Non-Invasive Approach for Detection of Lung Cancer	March	1
NCI, Specific Immunoassays for Cancer Associated Isoenzymes	March	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines	March	1
NCI, Determination of the Therapeutic Usefulness of Purified Cytokines and Anti-Cytokine Monoclonal Antibodies in Cancer Models	March	1
NCI, Development of Genetically Engineered Cell Products	March	1
NCI, Use of Tumor Associated Antigens as Immunogens	March	1
NCI, Use of Growth Factors, Maturation Factors and Anti-Growth Factors in Animal Tumor Models	March	1
NCI, Surgical Oncology Research: Individual Research Grants	March	1
Program Project Grants	June	1
NCI, Clinical Cancer Education Program	June	1
NCI, The NCI Clinical Investigator Award	June	1
NHLBI, RFA: NIH-NHLBI-DBDR-84G-A, Hemorrhologic Contributions to Thrombosis (Letter of intent by 1/15/84)	February	15
NHLBI, RFA: NIH-RFA-NHLBI-DBDR-84-G-B, Development of Therapeutic Agents for Sickle Cell Disease	February	15
NHLBI, RFA: NIH-RFA-NHLBI-DHVD-84-G-C, Sodium Sensitivity and Blood Pressure Response (Letter of intent by 12/15/83)	February	15
NHLBI, RFA: NIH-RFA-NHLBI-84G-E, Demonstration and Education Research in Heart, Blood, Vessel, Lung, and Blood Diseases and Blood Resources (Letter of intent by 12/15/83)	February	15
NHLBI, RFA: NIH-RFA-NHLBI-DLD-84-G-G, Isolation and Characterization of Human Lung Cells	February	15
NHLBI, School Health Promotion and Cardiovascular Health of Children and Adults	March	1
NHLBI, New Investigator Award-Research Grant	March	1
NHLBI, Protection of the Immature Myocardium During and Following Cardiac Surgery	March	1
NHLBI, Mechanisms of Biobehaviorally Induced Ventricular Arrhythmias and Sudden Cardiac Death	March	1
NHLBI, Biobehavioral Sequellae of Antihypertensive Therapies	March	1
NHLBI, RFA: NIH-NHLBI-DHVD-84-G-I, Pathogenesis of Essential Hypertension: Neurobiological and Molecular Biological Approaches	April	2
NHLBI, RFA: NIH-NHLBI-DHVD-84-G-J, Aspects of Inflammatory Processes in Atherogenesis	April	2

NHLBI, Preventive Cardiology Academic Award (Limited to one award for <i>each</i> School of Medicine or Osteopathy in the U.S., its possessions or territories)	April	2
NHLBI, RFA: NIH-RFA-NHLBI-DLD-84-G-F, Production of Toxic Oxygen Species in Acute Lung Study (Letter of intent by 12/15/83)	April	2
NHLBI, RFA: NIH-RFA-NHLBI-DHVD-84-G-D, Adult Mammalian Cardiac Myocytes	April	16
NHLBI, RFA: NIH-RFA-NHLBI-DHVD-G-H, Specialized Centers of Research in Hypertension	May	1
NIA, Genetics, Molecular and Cellular Biology Programs	March	1
NIA/NIAID/NIADDK/NCI/NICHD/NIDR/NIEHS/NEY/NIGMS/NHLBI/NINCDS, Research Grants for Clinical Testing of Orphan Products for Rare Diseases	March	1
NIA, Cellular Aging Research: Differentiated Cells in Culture:		
New Investigator Research Award	March	1
Research Grants	March	1
Institutional Training Grants	June	1
Individual Postdoctoral Fellowships	June	1
Program Project Grants	June	1
Clinical Investigator Awards	June	1
Research Career Development Awards	June	1
NIA, Social And Behavioral Research on Aging		
New Investigator Research Award	March	1
Research Grants	March	1
Institutional Training Grants	June	1
Program Project Grants	June	1
Research Career Development Awards	June	1
Small Grants	June	1
NIA, Health Functioning in Middle and Later Years		
New Investigator Research Award	March	1
Research Grants	March	1
Institutional Training Grants	June	1
Program Project Grants	June	1
Research Career Development Awards	June	1
Small Grants	June	1
NIA, Aging and Visual Perception		
New Investigator Awards	March	1
Research Project Grants	March	1
Individual Postdoctoral Fellowships	June	1
Institutional Training	June	1
NIA, Health Behaviors and Aging: Behavioral Geriatrics Research:		
New Investigator Awards	March	1
Research Grants	March	1
Individual Postdoctoral Fellowships	June	1
Program Project Grants	June	1
NIA, Social Environments Influencing Health and Effective Functioning in the Middle and Later Years:		
New Investigator Awards	March	1
Research Grants	March	1
Individual Postdoctoral Fellowships	June	1
Program Project Grants	June	1
NIA Program Project Research Grants	June	1
NIA/NIAID/NIADDK/NICHD/NIDR/NIEHS/NEY/NHLBI, Physician Scientist Award	June	1

NIA Small Grant Awards for Pilot Projects	June	1
NIA, Special Emphasis Research Career Award for Social and Behavioral Scientists in Behavioral Geriatrics Research	June	1
NIADDK, Research on Benign Prostatic Hyperplasia	March	1
NIADDK, The Immune Base of Renal Disease	March	1
NIADDK/NHLBI, RFA: 84-AMHL-01, The Genetic and Metabolic Defects Underlying Cystic Fibrosis (Letter of intent by 2/15/84)	March	15
NIADDK, RFA: 84-AM-01, Digestive Diseases Core Centers	March	15
NIAID, RFA: 84-AI-01, Tropical Disease Research Units	February	15
NIAID/NINCDS, Research Grants in the Field of Nervous System Modulation of Immune Responses and Interactions Between the Nervous and Immune Systems	March	1
NIAID, RFA: 84-AI-03, Program Projects on Mechanisms of Immunologic Diseases (Letter of intent by 3/15/84)	June	15
NIAID, RFA: 84-AI-02, Asthma and Allergic Disease Centers and Asthma and Allergic Disease Centers for Immunodermatologic Studies (Letter of intent by 7/15/84)	October	15
NICHD, RFA: NIH-NICHD-CPR-RS-83-3, Human Male Infertility	February	15
NICHD, Clinical Investigator Award	June	1
NICHD, Behavioral/Biomedical Interdisciplinary Research Training:		
Institutional Grant	June	1
Individual Postdoctoral Fellowships	June	1
NIEHS, Special Program Areas of Interest: A) Alternative Designs of Standard Cancer Bioassay; B) Studies Relating Human Health Effects to PBB; C) Immunotoxicology of Environmental Agents; D) Biological Effects of Chemical Interactions; E) Environmental Medicine	March	1
NIEHS, New Investigator Research Award Program	March	1
NIH, DRR, Biomedical Research Support Shared Instrumentation Grants	February	15
NIH, Research Grants, New	March	1
NIH, New Investigator Awards	March	1
NIH, Research Grants, Renewals	June	1
NIH, Research Career Development Awards	June	1
NIH, Individual Postdoctoral Fellowships	June	1
NIH, Institutional Training Programs	June	1
NIH, Support of Meetings (Scientific, U.S.A. or International)	June	1
NIH, DRR, NMR Resources, Biotechnology Resources Program	June	1
NINCDS, Research Grants on Small Animal Models for Screening Antiepileptic Drugs	March	1
NINCDS, Research Grants on Hormones and Epilepsy	March	1
NINCDS, Research Grants Related to Basic Mechanisms in Phakomatoses	March	1
NINCDS, Teacher-Investigator Development Award	June	1

NIH ANNUAL DEADLINES

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <u>for each</u> : School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1

NHLBI, Preventive Cardiology Academic Award	April	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1
NIA, Academic Award	July	1
NIADDK/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIGMS, NIGMS Shared Instrumentation Grants	February	15
NIH, NRSA for Short-Term Training of Students in Health Professional Schools (Limited to one application per health professional school for a given receipt date)	February	1

CENTERS FOR DISEASE CONTROL

CDC, Project Grants for Venereal Disease Research, Demonstrations and Public Information and Education	March	1
CDC/NIOSH, Special Emphasis Research Career Award, Occupational Safety and Health	March	16
NIOSH, Research and Demonstrations Relating to Occupational Safety and Health: Regular Research	March	1
Small Grants	June	1
NIOSH, Occupational Safety and Health, Small Research Grants	June	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, New	March	1
ADAMHA, Research on the Prevention of ADM Disorders in Children and Adolescents	March	1
ADAMHA, Research Grants, Renewals	June	1
ADAMHA, Individual Postdoctoral Fellowships	June	1
ADAMHA, Institutional Training Grants, NRSA	June	1
ADAMHA, Research Scientist Development/Research Scientist Award	June	1
NIAAA/NIDA/NIMH, ADAMHA Prevention Research New Investigator Award	March	1
NIAAA/NIDA/NIMH, Individual NRSA	June	1
NIAAA/NIDA/NIMH, Institutional NRSA Training	June	1
NIDA, Marijuana Research Grants Program	March	1
NIDA, Youth Drug Abuse Treatment Research Grants	March	1
NIDA, Family Therapy and Prevention Research	March	1
NIDA, Drug Abuse Prevention Research	March	1
NIMH, Research Grants Program	March	1
NIMH, Clinical Research Centers on Psychopathology of the Elderly	March	1
NIMH, Geriatric Mental Health Award	June	1
NIMH, Rape Centers	June	1
NIMH, Clinical Investigator Award	June	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Grants for Health Services Dissertation Research	March	15
Conference Grants (Preliminary submission required prior to formal application)	Open	

FOOD AND DRUG ADMINISTRATION

Research Grants, New	March	1
Research Grants, Renewals	June	1

HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants	May	7
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DEPARTMENT OF EDUCATION

Strengthening, Special Needs, and Challenge Grant Programs (CONTINUATIONS ONLY)	February	8
Bilingual Education Act-Basic Projects, 84.003B	February	10
Bilingual Education Act-Training Projects, 84.003L/84.003J	February	21
Bilingual Education Act-Vocational Instructor Training	February	21
Bilingual Education Act-Vocational Training	February	21
Fund for the Improvement of Post-Secondary Education (FIPSE/CONTINUATIONS)	February	24
Women's Educational Equity Act Program	February	28
Discretionary Grant Program (CONTINUATIONS ONLY)		
Special Projects and Demonstrations	February	24
Projects with Industry	February	24
Rehabilitation Long-Term Training	February	24
Rehabilitation Training Continuing Education	May	1
Special Educational Programs for Students Whose Families are Engaged in Migrant and Other Seasonal Farmwork, HEP	February	29
Handicapped Children's Model Program	March	5
Strengthening and Special Needs Programs (NEW)	March	14
Research in Education of the Handicapped--Student Initiated Research Projects	March	16
Fund for the Improvement of Post-secondary Education (FIPSE) Final Applications	April	10

NATIONAL INSTITUTE OF EDUCATION

Research Grants on Law and Government Studies in Education Final Application (Preapplication required 1/4/84)	March	2
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HEALTH RESOURCES AND SERVICES ADMINISTRATION

Nursing Research Emphasis Grants for Doctoral Programs in Nursing	March	1
Nursing Research Project Grants	March	1
Bureau of Health Professions, New Investigator Nursing Research Awards	March	1
Nursing Research Program Grants	June	1
Bureau of Health Professions, Grants for Utilization of Research in Nursing Practice, Nursing Services	June	1

OFFICE OF HUMAN DEVELOPMENT SERVICES

Child Welfare Services Training Grants Program	February	13
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NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

VLSI (Very Large Scale Integration) Fast Turnaround Fabrication Service for Universities (NSF 83-43). Contact Dr. Andrew Molnar (202) 357-7539	March	1
U.S.-India International Travel Support (NSF 82-86). Scientists of both U.S. and India are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	March	1
U.S.-Pakistan International Travel Support (NF 80-49). Scientists of both U.S. and Pakistan are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	March	1
U.S.-India Exchange of Scientists (NSF 78-66 and 82-86). U.S. senior scientists only submit to NSF; Indian scientists, to the Indian Council of Scientific and Industrial Research. Contact Mr. Eugene Pronko (202) 357-9550 or Dr. Osman Shinaishin (202) 357-9402	March	15
U.S.-Australia Cooperative Science (NSF 81-49 Rev. 1/82). All proposals for individual visits in 1985 and for other projects with requested effective dates falling between January 1 and June 30, 1985. Contact Mr. Alan Milsap (202) 357-9537	April	1
U.S.-New Zealand Cooperative Science (NSF 81-50). All proposals for projects with requested effective date falling between January 1 and June 30, 1985. Contact Mr. Alan Milsap (202) 357-9537	April	1
U.S.-Japan Cooperative Science. Cooperative Research (NSF 81-58). Proposals for cooperative research and joint seminar activities are due prior to deadline dates; proposals for long-term visits (6-12 months) are accepted throughout the year. Contact Dr. Charles Wallace (202) 357-9537	April	1
U.S.-Scandinavia and The Netherlands Cooperative Science. Semi-annual deadline for proposals for joint research, seminars, and long-term research visits. Contact Mr. Henryk Uznanski (202) 357-7554	April	1
U.S.-France Cooperative Science. Proposals for cooper- ative research projects and joint workshops/seminars with requested effective dates in calendar year 1985. Contact Dr. Kenneth Hancock (202) 357-7554	May	1
U.S.-Latin America and The Caribbean Region (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits with scientists from any independent country of the region. Contact Ms. Christine French (north of the Equator) and Dr. Harold Stolberg (south of the Equator) (202) 357-9563	May	1

U.S.-Argentina Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Dr. Harold Stolberg (202) 357-9563	May	1
U.S.-Brazil Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Dr. Harold Stolberg (202) 357-9563	May	1
U.S.-Mexico Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Ms. Christine French (202) 357-9563	May	1
U.S.-Venezuela Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Ms. Christine French (202) 357-9563	May	1
U.S.-Federal Republic of Germany Cooperative Science. Joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Switzerland Cooperative Science. Joint research, seminars and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Japan Cooperative Science. Joint seminars (NSF 81-58). Proposals for cooperative research and joint seminar activities are due prior to deadline dates; proposals for long-term visits (6-12 months) are accepted throughout the year. Contact Dr. Charles Wallace (202) 357-9537	June	1
U.S.-India International Travel Support (NSF 82-86). Scientists of both U.S. and India are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	June	1
U.S.-Pakistan International Travel Support (NSF 80-49). Scientists of both U.S. and Pakistan are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	June	1
U.S.-Korea Cooperative Science (NSF 83-50). Proposals for long-term visits and cooperative research only. Contact Dr. Gerald A. Edwards (202) 357-9537	July	1
U.S.-East Asia Cooperative Science. Philippine component only (NSF 83-50). Proposals for long-term visits, cooperative research, and seminars and workshops. Contact Dr. Gerald A. Edwards (202) 357-9537	July	1
Ship Operations Support (NSF 81-18). Shipboard Technicians (NSF 81-23), Oceanographic Instrumentation (NSF 81-25), and Shipboard Scientific Support Equipment (NSF 81-26). Contact Mr. Ronald La Count (202) 357-7837	July	1
Small Business Innovation Research. Contact Mr. Roland Tibbetts or Mr. Ritchie Coryell (202) 357-7527	July	15
Information Science and Technology. Special Research Initiation Awards for New Investigators (NSF 81-34 and 81-69). Contact Dr. Edward Weiss (202) 357-9572	August	1
VLSI (Very Large Scale Integration) Fast Turnaround Fabrication Service for Universities (NSF 83-43). Contact Dr. Andrew Molnar (202) 357-7539	August	1

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Sensory Physiology and Perception. Contact Dr. James Larimer (202) 357-7428	March	1
U.S.-East Asia Cooperative Science. Indonesia, Malaysia, Singapore, Thailand (NSF 83-50). Contact Dr. Gordon Hiebert (202) 357-9537	March	1
Science in Developing Countries (NSF 83-58). Contact Sub-Saharan Africa: Mr. Robert Bell (202) 357-9550; South and West Asia: Dr. Osman Shinaishin (202) 357-9402; East Asia: Dr. Gordon Hiebert (202) 357-9537; Latin America and Caribbean: Ms. Christine French (202) 357-9563	March	1
U.S.-East Asia Cooperative Science. Philippine component only (NSF 83-50). Proposals for long-term visits, cooperative research, and seminars and workshops. Contact Dr. Gerald A. Edwards (202) 357-9537	March	1
Biological Instrumentation. Multi-user instrument or instrument development (NSF 83-19). Contact Dr. Arthur Kowalsky (202) 357-7652	April	30
Doctoral Dissertation Research. Contact Dr. James Edwards (202) 357-9588	May	1
Climate Dynamics. Contact Dr. Hassan Virji (202) 357-9892	May	1
U.S. Antarctic Research. Request special proposal kit. Contact Mr. Guy Guthridge (202) 357-7817	June	1
Metabolic Biology. Contact Dr. William van Robertson (202) 357-7987	June	1
Ocean Sciences Research. Contact Dr. Robert Wall (202) 357-7924	June	15
Ecology. Contact Dr. Nancy Stanton (202) 357-9734	June	15
Systematic Biology. Contact Dr. Lloyd Knutson (202) 357-9588	June	15
Population Biology and Physiological Ecology. Contact Dr. Louis Pitelka (202) 357-9728	June	15
Social and Developmental Psychology. Contact Dr. Jean Intermaggio (202) 357-9485	July	1
Earth Sciences Research Equipment (NSF 83-28). Contact Dr. Ian MacGregor (202) 357-9591	July	1
Earth Sciences: Stratigraphy and Paleontology; Environmental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	July	1
Biochemistry. Contact Dr. Mary Kirtley (202) 357-7945	July	2
Biophysics. Contact Dr. Kin-Ping Wong (202) 357-7777	July	2
Cellular Physiology. Contact Dr. Judith Willis (202) 357-7377	July	2
Cell Biology. Contact Dr. Wallace LeStourgeon (202) 357-7474	July	2
Developmental Biology. Contact Dr. Clifton Poodry or Dr. Jane Peterson (202) 357-7989	July	2
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	July	2
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	July	2

Anthropology. Does not include Doctoral Dissertation proposals. Contact Dr. John Yellen (202) 357-7804	August	1
Linguistics. Contact Dr. Paul Chapin (202) 357-7696	August	1
Neurobiology. Contact Dr. Nathaniel Pitts (202) 357-7471	August	1
Psychobiology. Contact Dr. Fred Stollnitz (202) 357-7949	August	1
Memory and Cognitive Processes. Contact Dr. Joseph Young (202) 357-9898	August	1
Climate Dynamics. Contact Dr. Hassan Virji (202) 357-9892	August	1

*NSF Proposals may be submitted for the following programs at any time of the year. It takes approximately six to nine months to process a proposal. Brochures indicated in parentheses may be ordered.

Biological Research Resources. Contact Dr. James Tyler (202) 357-7475	*
Ecosystem Studies. Contact Dr. Robert Woodmansee (202) 357-9596	*
U.S.-India Cooperative Science (NSF 82-86). Contact Dr. Osman Shinaishin, Dr. Jean Johnson (202) 357-9402 or Mr. Eugene Pronko (202) 357-9550	*
U.S.-Pakistan Cooperative Science (NSF 80-49). Contact Dr. Osman Shinaishin, Dr. Jean Johnson (202) 357-9402 or Mr. Eugene Pronko (202) 357-9550	*
U.S.-Sub-Saharan Africa Cooperative Science (NSF 83-58). Contact Mr. Robert Bell (202) 357-9550	*
U.S.-New Zealand Cooperative Science. Letter-proposals for short-term visits (limited to airfare and three week per diem) to develop cooperative research in physical oceanography, air/sea interaction, marine geology, geophysics or biology (marine productivity). Contact Mr. Alan Milsap (202) 357-9558	*
Honors Workshops for Precollege Teachers in Science and Mathematics (NSF 83-44). Contact Dr. Robert Watson (202) 357-7539 or Program Directors: Dr. Alexander Barton, Ms. Dorothy Deringer, Dr. Andrew Molnar, Dr. Theodore Reid (202) 357-7539	*
Materials Development for Precollege Science and Mathematics (NSF 83-6). Contact Dr. Robert Watson (202) 357-7539 or Program Directors: Dr. Alexander Barton, Ms. Dorothy Deringer, Dr. Andrew Molnar, Dr. Theodore Reid (202) 357-7539	*
Atomic, Molecular, and Plasma Physics. Contact Dr. Rolf Sinclair (202) 357-7997	*
Elementary Particle Physics. Contact Dr. David Berley (202) 357-9575	*
Gravitational Physics. Contact Dr. Richard Isaacson (202) 357-7979	*
Intermediate Energy Nuclear Physics. Contact Dr. Hall Crannell (202) 357-7992	*
Nuclear Physics. Contact Dr. William Rodney (202) 357-7992	*
Theoretical Physics. Contact Dr. Boris Kayser (202) 357-7979	*
Alternative Biological Resources. Contact Dr. H. Huang (202) 357-9782	*

Industry/University Cooperative Research Projects (NSF 82-56). Contact Dr. Frederick Betz (202) 357-7785 or Mr. Alex Schwarzkopf (202) 357-7527 *

Industry/University Cooperative Research Centers. Contact Mr. Robert Colton or Mr. Alex Schwarzkopf (202) 357-7527 *

Minority Research Initiation (NSF 80-42). Contact Dr. Roosevelt Calbert (202) 357-7350 *

Research in Information Science and Technology (NSF 81-34). Contact the Division of Information Science and Technology (202) 357-9572 *

U.S. DEPARTMENT OF AGRICULTURE

Postmark deadlines for proposals submitted for USDA's FY 1984 Competitive Research Grants Program are as follows:

Human Nutrient Requirements February 15

Receipt deadlines for proposals submitted for USDA's FY 1984 Special and Alcohol Fuels Research Grants Program are as follows:

Soybean Research	March	2
Animal Health Research	March	16
Aquaculture Research	March	30
Alcohol Research	April	6

NATIONAL ENDOWMENT FOR THE HUMANITIES

The following deadline dates are subject to change and potential applicants are encouraged to contact the appropriate program office. Earliest project date and telephone contact information follow each entry.

Division of Education Programs

Improving Introductory Courses-October 1984 (202) 786-0380	April	1
Promoting Excellence in a Field-October 1984 (202) 786-0380	April	1
Fostering Coherence in Institution-October 1984 (202) 786-0380	April	1
Humanities/Nontraditional Learners-October 1984 (202) 786-0384	April	1

Division of Fellowships and Seminars

Fellowships: Independent Study/Research-January 1985 (202) 786-0466	June	1
Fellowships: College Teachers-January 1985 (202) 786-0466	June	1
Summer Stipends-Summer 1985 (202) 786-0466	October	1
Constitutional Programs-January 1985 (202) 786-0466	June	1
Faculty Studies Graduate Programs-January 1985 (202) 786-0466	June	7
Summer Seminars for College Teachers-Summer 1984 (202) 786-0466	March	1
Summer Seminars for Secondary Teachers-Summer 1984 (202) 786-0463	March	1

Division of Research Programs	
Intercultural Research-July 1984 (202) 786-0200	February 15
Basic Project Research-January 1985 (202) 786-0227	March 1
Archaeological Projects-January 1985 (202) 786-0207	March 1
Research Conferences-October 1984 (202) 786-0207	February 15
Humanities, Science, Technology (NEH)-January 1985 (202) 786-0207	March 1
Research Resources, Publications-October 1984 (202) 786-0204	May 1
Reference Works, Tools-July 1985 (202) 786-0210	October 1
Reference Works, Editions-July 1985 (202) 786-0215	October 1
Reference Works, Translations-April 1985 (202) 786-0213	July 1
Office of Planning and Policy Studies	
Planning and Assessment Studies-October 1984 (202) 786-0420	March 1
Division of General Programs	
Humanities Projects in Museums-July 1985 (202) 786-0278	October 31
Special Projects, Youth Projects-January 1985 (202)786-0271	June 15
Younger Scholars Program-June 1985 (202) 786-0271	September 15
Office of Challenge Grants-December 1983 (202) 786-0361	May 1
Division of State Programs-Variou (202) 786-0254	Variou

NATIONAL ENDOWMENT FOR THE ARTS

These deadlines are for grant programs that have been announced by the National Endowment for the Arts. For further information, contact the NEA Public Affairs Office at (202) 682-5400.

Artists in Education (202) 682-5426	
Special Projects	March 1
Design Arts (202) 682-5437	
Fellowships	March 20
Literature (202) 682-5451	
Fellowships	March 1
Literary Magazines	August 10
Assistance to Small Presses	September 13
Theater (202) 682-5425	
Professional Theater Touring/Training	March 1
National Resources	March 1
Fellowships: Playwrights	April 10
Special Artistic Projects	May 1
Visual Arts (202) 682-5448	
Sculpture	February 15
Crafts	March 15

NATIONAL INSTITUTE OF JUSTICE

Graduate Research Fellowship Program	March 2
Unsolicited Research Program	June 1

UNITED STATES INFORMATION AGENCY

University Affiliation Program	March 30
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ARMS CONTROL AND DISARMAMENT AGENCY

Hubert H. Humphrey Fellowships March 1

NONFEDERAL

THE ORA CONTACT NUMBER FOR NONFEDERAL DEADLINE/PROGRAM INFORMATION IS 373-1970.

American Association of Oral and Maxillofacial Surgeons		
Research Fellowship Award	April	1
American Cancer Society		
Postdoctoral Fellowships	March	1
Physician's Research Training Fellowships	March	1
Junior Faculty Research Awards	March	1
Faculty Research Awards	March	1
Scholars in Cancer Research	March	1
Research Professorships	March	1
Regular Clinical Fellowship		
Nominations	April	1
Final Application	July	1
Research and Clinical Investigation Grants	April	1
American Chemical Society - Petroleum Research Fund		
Grants-in-Aid	No Deadline	
American Heart Association		
Established Investigatorships	July	1
Clinician-Scientist Award	July	1
British-American Research Fellowships	July	1
Medical Student Research Fellowships	July	1
American Numismatic Association	March	1
American Philosophical Society		
Grants-in-Aid	Various--Contact ORA	
Arthritis Foundation-Minnesota Chapter	February	15
Bedding Plants Foundation, Inc.	May	1
Center for Field Research (Earthwatch)		
Latin America Field Research Grants	No Deadline	
Cystic Fibrosis Foundation		
New Investigator Research Grants	April	1
Research Grants	April	1
Damon Runyon Walter Winchell Cancer Fund		
Fellowship Grants	March	15
Human Cancer-Directed Fellowship Grants	March	15
Deafness Research Foundation	July	15
Distilled Spirits Council of the United States	May	1
	August	1
Engineering Foundation		
Pre-proposals	No Deadline	
Gas Research Foundation		
Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline	
International Research and Exchange Board		
Travel Grants for Senior Scholars	April	30
Developmental Fellowships	March	15
Juvenile Diabetes Foundation		
Research Grants	March	1

6/1/84
50975

Office of Research Administration
Administrative Services Center, 5th Floor
1919 University Avenue
University of Minnesota
St. Paul, Minnesota 55104

ORA RDC Newsletter

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MARCH 1984

VOLUME XIII/NO. 9

NEW FRINGE BENEFIT RATES

The fringe benefit rates shown below are in effect for billing purposes January 1, 1984 through June 30, 1984. The estimated rates are to be used for budgeting beyond June 1984.

	ACADEMIC %	CIVIL SERVICE %
Health Plan	4.1306	8.0284
Unemployment Compensation	.0000	.3085
Workers Compensation	.0000	.6746
Group Life	1.2691	.0000
Retirement	13.8427	5.6000
F.I.C.A.	<u>5.3075</u>	<u>7.0000</u>
	24.5499	21.6115
Estimated rates to be used for budgeting beyond 6/84:	26.000	23.0000

UNIVERSITY PATENT ADMINISTRATOR

The Office of Research Administration (ORA) is pleased to announce the appointment of Mr. John Thuente as University Patent Administrator. Mr. Thuente has already assumed the responsibilities of the position in the Patent Office. He has a background in mechanical, electrical and aeronautical engineering and has most recently been a patent attorney for Rosemount Inc., a manufacturer of pressure and temperature instrumentation. In addition to patent work there, he dealt with a variety of governmental agencies and contractual matters.

We are confident that Mr. Thuente will make significant contributions to the patent and licensing program at the University of Minnesota. His appointment will enable us to better serve the faculty, and our state, federal and industrial sponsors. Please feel free to call Mr. Thuente regarding any matters pertaining to patents or licensing, or to simply get acquainted. He is located in Room 568 at 1919 University Avenue in St. Paul, and can be reached at 373-2011 or 373-2012.

Mr. Thuente and the Director of ORA look forward to working with the faculty in enhancing the opportunities to transfer technology.

PUBLIC HEALTH SERVICE (PHS) APPLICATION KITS

Investigators are reminded that PHS will only accept applications completed on the most recently revised version of their kits. Kits with revision dates prior to those listed below cannot be used.

PHS 398 (New/Renewal)	Revised 5/82
PHS 2590 (Continuation)	Revised 5/82
PHS 6025 (Institutional Training)	Revised 1/83
PHS 416-1 (Fellowship)	Revised 12/81

Revision dates are printed on the lower left corner of the application face page.

NIH'S FY 1985 BUDGET REQUEST

The President's FY 1985 budget request for NIH is reproduced on the following page. NIH is planning for a budget of \$4.6 billion, an increase of just under 2%. The budget provides nearly \$2.5 billion to fund 5,000 new and competing renewals and nearly 12,100 noncompeting research project grants. HHS indicated the request is sufficient to provide a 5% increase in the average research project grant award. Some \$164 million will be spent to support 9,000 research trainees--100 fewer than this year, and would provide for a 5% increase in each trainee's stipend.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, agency deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

THE ORA CONTACT NUMBERS FOR FEDERAL DEADLINE/PROGRAM INFORMATION ARE AS FOLLOWS:

DEPARTMENT OF HEALTH AND HUMAN SERVICES	373-5925
DEPARTMENT OF EDUCATION	373-5925
OTHER FEDERAL AGENCIES	373-2771

NATIONAL INSTITUTES OF HEALTH

Fogarty International Center, Eastern European Scientist Exchange Program	Open	
NCI, Clinical Cancer Education Program	June	1
NCI, The NCI Clinical Investigator Award	June	1
NCI, Surgical Oncology Research:		
Individual Research Grants	July	1
Program Project Grants	June	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines	July	1

NIH's FY 1985 BUDGET REQUEST — BY FUNCTION

(Budget Authority in thousands)

Research Grants	NCI	NHLBI	NIDR	NIADDK	NINCDS	NIAMD	NIGMS	NICHD	NEI	NIEHS	NIA	DDR	FIG	TOTAL
Research Projects:														
Noncompeting projects.....	\$344,209	\$301,961	\$29,932	\$244,628	\$143,707	\$158,605	\$249,763	\$117,739	\$83,812	\$34,590	\$46,488	--	--	\$1,755,434
Administrative supplementals....	6,325	565	--	2,500	747	630	363	1,485	1,050	325	150	--	--	14,140
Competing projects:														
Competing renewals.....	75,402	70,433	4,630	44,750	37,232	22,655	47,693	23,280	17,446	10,037	8,651	--	--	362,209
New.....	70,903	56,948	10,446	35,173	32,269	35,417	48,931	26,357	15,397	7,183	13,300	--	--	352,324
Supplemental.....	--	2,677	--	1,000	340	290	933	188	250	--	74	--	--	5,752
Subtotal, competing.....	146,305	130,058	15,076	80,923	69,841	58,362	97,557	49,825	33,093	17,220	22,025	--	--	720,285
Small business innovation proje.	(8,490)	(6,130)	(640)	(3,920)	(2,760)	(2,510)	(3,710)	(2,270)	(1,340)	(1,220)	(890)	(--)	(--)	(33,880)
Subtotal, research projects...	496,839	432,584	45,008	328,051	214,295	217,597	347,683	169,049	117,955	52,135	68,663	--	--	2,489,859
Research Centers:														
Specialized/comprehensive ctrs.,	78,000	75,836	10,639	26,569	28,409	5,767	10,221	26,325	5,053	12,201	4,405	--	--	283,425
General clinical research ctrs.,	--	--	--	--	--	--	--	--	--	--	--	\$82,119	--	82,119
Biotechnology research centers..	--	--	--	--	--	--	--	--	--	--	--	27,677	--	27,677
Lab. animal sciences & primate res.	--	--	--	--	--	--	--	--	--	--	--	29,147	--	29,147
Gorgas memorial institute.....	--	--	--	--	--	--	--	--	--	--	--	--	\$1,899	1,899
Subtotal, research centers....	78,000	75,836	10,639	26,569	28,409	5,767	10,221	26,325	5,053	12,201	4,405	138,943	1,899	424,267
Other Research:														
Research career programs.....	5,627	18,126	1,099	13,135	9,150	3,042	883	4,052	586	940	4,115	184	--	60,939
Cancer organ systems.....	750	--	--	--	--	--	--	--	--	--	--	--	--	750
Clinical education programs....	5,000	--	--	--	--	--	--	--	--	--	--	--	--	5,000
Cooperative clinical research...	46,956	2,650	--	--	1,585	--	--	--	--	--	--	--	--	51,191
Biomedical research support.....	--	--	--	--	--	--	--	--	--	--	--	68,187	--	68,187
Minority biomedical res. support	3,000	2,428	123	1,200	178	297	--	593	260	260	325	21,879	--	30,543
Other research related.....	3,000	7,723	1,281	2,509	1,961	838	1,654	907	1,193	756	1,361	4,269	--	27,452
Small business innovation res.	--	--	--	--	--	--	--	--	--	--	--	(1,540)	--	(1,540)
Subtotal, other research.....	64,333	30,927	2,503	16,844	12,874	4,177	2,537	5,552	2,039	1,956	5,801	94,519	--	244,062
Total, Research Grants.....	639,172	539,347	58,150	371,464	255,578	227,541	360,441	200,926	125,047	66,292	78,869	233,462	1,899	3,158,188
Training														
Individual awards.....	3,231	4,200	1,123	2,870	2,946	1,208	5,090	2,171	1,762	661	524	43	--	25,829
Institutional awards.....	20,044	23,799	2,759	16,265	6,566	7,482	43,356	7,660	1,779	5,261	2,545	712	--	138,228
Total, Training.....	23,275	27,999	3,882	19,135	9,512	8,690	48,446	9,831	3,541	5,922	3,069	755	--	164,057
Research and Development Contracts														
Intramural Research.....	185,240	56,683	18,973	58,003	47,809	55,577	766	34,429	16,848	52,335	19,771	--	--	546,434
Research Management and Support...	57,116	36,716	6,462	16,720	17,823	16,314	12,733	14,492	6,069	6,133	8,034	7,152	9,527	215,291
Management Fund.....	(54,882)	(31,963)	(5,391)	(23,469)	(18,945)	(19,538)	(4,676)	(15,521)	(7,937)	(2,383)	(3,556)	(862)	(557)	(189,680)
Disease Control.....	63,878	--	--	--	--	--	--	--	--	--	--	--	--	63,878
Construction.....	2,000	--	--	--	--	--	--	--	--	--	--	--	--	2,000
TOTAL, IRD's..	1,101,069	718,852	91,096	475,324	344,601	325,379	423,853	280,178	157,873	183,755	117,390	245,728	11,426	4,476,524

1/ Excludes \$7,500 in anticipated third party reimbursements to the NIH Clinical Center for non-research services.

National Library of Medicine... 51,320
Office of the Director..... 27,509
Buildings and Facilities..... 11,100

TOTAL, NIH.. 4,566,453 1/

Source: Drug Research Reports, "The Blue Sheet," Vol. 27, No. 6, February 8, 1984.

NCI, Determination of the Therapeutic Usefulness of Purified Cytokines and Anti-Cytokine Monoclonal Antibodies in Cancer Models	July	1
NCI, Development of Genetically Engineered Cell Products	July	1
NCI, Use of Tumor Associated Antigens as Immunogens	July	1
NCI, Use of Growth Factors, Maturation Factors and Anti-Growth Factors in Animal Tumor Models	July	1
NHLBI, RFA: NIH-NHLBI-DHVD-84-G-I, Pathogenesis of Essential Hypertension: Neurobiological and Molecular Biological Approaches	April	2
NHLBI, RFA: NIH-NHLBI-DHVD-84-G-J, Aspects of Inflammatory Processes in Atherogenesis	April	2
NHLBI, Preventive Cardiology Academic Award (Limited to one award for <i>each</i> School of Medicine or Osteopathy in the U.S., its possessions or territories)	April	2
NHLBI, RFA: NIH-RFA-NHLBI-DLD-84-G-F, Production of Toxic Oxygen Species in Acute Lung Study (Letter of intent by 12/15/83)	April	2
NHLBI, RFA: NIH-RFA-NHLBI-DHVD-84-G-D, Adult Mammalian Cardiac Myocytes	April	16
NHLBI, RFA: NIH-RFA-NHLBI-DHVD-G-H, Specialized Centers of Research in Hypertension	May	1
NHLBI, Protection of the Immature Myocardium During and Following Cardiac Surgery	July	1
NHLBI, Mechanisms of Biobehaviorally Induced Ventricular Arrhythmias and Sudden Cardiac Death	July	1
NHLBI, Biobehavioral Sequellae of Antihypertensive Therapies	July	1
NIA Program Project Research Grants	June	1
NIA/NIAID/NIADDK/NICHD/NIDR/NIEHS/NEY/NHLBI, Physician Scientist Award	June	1
NIA Small Grant Awards for Pilot Projects	June	1
NIA, Special Emphasis Research Career Award for Social and Behavioral Scientists in Behavioral Geriatrics Research	June	1
NIA, Cellular Aging Research: Differentiated Cells in Culture:		
New Investigator Research Award	July	1
Research Grants	July	1
Institutional Training Grants	June	1
Individual Postdoctoral Fellowships	June	1
Program Project Grants	June	1
Clinical Investigator Awards	June	1
Research Career Development Awards	June	1
NIA, Social And Behavioral Research on Aging		
New Investigator Research Award	July	1
Research Grants	July	1
Institutional Training Grants	June	1
Program Project Grants	June	1
Research Career Development Awards	June	1
Small Grants	June	1

NIA, Health Functioning in Middle and Later Years		
New Investigator Research Award	July	1
Research Grants	July	1
Institutional Training Grants	June	1
Program Project Grants	June	1
Research Career Development Awards	June	1
Small Grants	June	1
NIA, Aging and Visual Perception		
New Investigator Awards	July	1
Research Project Grants	July	1
Individual Postdoctoral Fellowships	June	1
Institutional Training	June	1
NIA, Health Behaviors and Aging: Behavioral Geriatrics		
Research:		
New Investigator Awards	July	1
Research Grants	July	1
Individual Postdoctoral Fellowships	June	1
Program Project Grants	June	1
NIA, Social Environments Influencing Health and Effective		
Functioning in the Middle and Later Years:		
New Investigator Awards	July	1
Research Grants	July	1
Individual Postdoctoral Fellowships	June	1
Program Project Grants	June	1
NIA, Genetics, Molecular and Cellular Biology Programs	July	1
NIA/NIAID/NIADDK/NCI/NICHD/NIDR/NIEHS/NEY/NIGMS/NHLBI/		
NINCDS, Research Grants for Clinical Testing of Orphan		
Products for Rare Diseases	July	1
NIADDK/NHLBI, RFA: 84-AMHL-01, The Genetic and		
Metabolic Defects Underlying Cystic Fibrosis (Letter		
of intent by 2/15/84)	March	15
NIADDK, RFA: 84-AM-01, Digestive Diseases Core Centers	March	15
NIADDK, The Immune Base of Renal Disease	July	1
NIAID, RFA: 84-AI-03, Program Projects on Mechanisms of		
Immunologic Diseases (Letter of intent by 3/15/84)	June	15
NIAID/NINCDS, Research Grants in the Field of Nervous		
System Modulation of Immune Responses and Interactions		
Between the Nervous and Immune Systems	July	1
NIAID, RFA: 84-AI-02, Asthma and Allergic Disease Centers		
and Asthma and Allergic Disease Centers for Immuno-		
dermatologic Studies (Letter of intent by 7/15/84)	October	15
NICHD, Clinical Investigator Award	June	1
NICHD, Behavioral/Biomedical Interdisciplinary Research		
Training:		
Institutional Grant	June	1
Individual Postdoctoral Fellowships	June	1
NIEHS, Special Program Areas of Interest: A) Alternative		
Designs of Standard Cancer Bioassay; B) Studies Relating		
Human Health Effects to PBB; C) Immunotoxicology of		
Environmental Agents; D) Biological Effects of Chemical		
Interactions; E) Environmental Medicine	July	1
NIEHS, New Investigator Research Award Program	July	1
NIH, Research Grants, Renewals	June	1
NIH, Research Career Development Awards	June	1
NIH, Individual Postdoctoral Fellowships	June	1
NIH, Institutional Training Programs	June	1

NIH, Support of Meetings (Scientific, U.S.A. or International)	June	1
NIH, DRR, NMR Resources, Biotechnology Resources Program	June	1
NIH, Research Grants, New	July	1
NIH, New Investigator Awards	July	1
NINCDS, Teacher-Investigator Development Award	June	1
NINCDS, Research Grants Related to Basic Mechanisms in Phakomatoses	July	1

NIH ANNUAL DEADLINES

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award for <u>each</u> : School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1
NHLBI, Preventive Cardiology Academic Award	April	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1
NIA, Academic Award	July	1
NIADDK/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIGMS, NIGMS Shared Instrumentation Grants	February	15
NIH, NRSA for Short-Term Training of Students in Health Professional Schools (Limited to one application per health professional school for a given receipt date)	February	1

CENTERS FOR DISEASE CONTROL

CDC/NIOSH, Special Emphasis Research Career Award, Occupational Safety and Health	March	16
NIOSH, Occupational Safety and Health, Small Research Grants	June	1
NIOSH, Research and Demonstrations Relating to Occupational Safety and Health: Regular Research	July	1
Small Grants	June	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, Renewals	June	1
ADAMHA, Individual Postdoctoral Fellowships	June	1
ADAMHA, Institutional Training Grants, NRSA	June	1
ADAMHA, Research Scientist Development/Research Scientist Award	June	1
ADAMHA, Research Grants, New	July	1
ADAMHA, Research on the Prevention of ADM Disorders in Children and Adolescents	July	1
NIAAAA/NIDA/NIMH, Individual NRSA	June	1
NIAAAA/NIDA/NIMH, Institutional NRSA Training	June	1
NIDA, Youth Drug Abuse Treatment Research Grants	July	1
NIDA, Family Therapy and Prevention Research	July	1
NIDA, Drug Abuse Prevention Research	July	1

NIMH, Geriatric Mental Health Award	June	1
NIMH, Rape Centers	June	1
NIMH, Clinical Investigator Award	June	1
NIMH, Research Grants Program	July	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Grants for Health Services Dissertation Research	March	15
Conference Grants (Preliminary submission required prior to formal application)	Open	

FOOD AND DRUG ADMINISTRATION

Research Grants, New	July	1
Research Grants, Renewals	June	1

HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants	May	7
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DEPARTMENT OF EDUCATION

Handicapped Children's Model Program	March	5
Strengthening and Special Needs Programs (NEW)	March	14
Research in Education of the Handicapped--Student Initiated Research Projects	March	16
Fund for the Improvement of Post-secondary Education (FIPSE) Final Applications	April	10
Discretionary Grant Program (CONTINUATIONS ONLY) Rehabilitation Training Continuing Education	May	1

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Nursing Research Program Grants	June	1
Bureau of Health Professions, Grants for Utilization of Research in Nursing Practice, Nursing Services	June	1
Nursing Research Emphasis Grants for Doctoral Programs in Nursing	July	1
Nursing Research Project Grants	July	1
Bureau of Health Professions, New Investigator Nursing Research Awards	July	1

NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

U.S.-Australia Cooperative Science (NSF 81-49 Rev. 1/82). All proposals for individual visits in 1985 and for other projects with requested effective dates falling between January 1 and June 30, 1985. Contact Mr. Alan Milsap (202) 357-9537	April	1
U.S.-New Zealand Cooperative Science (NSF 81-50). All proposals for projects with requested effective date falling between January 1 and June 30, 1985. Contact Mr. Alan Milsap (202) 357-9537	April	1
U.S.-Japan Cooperative Science. Cooperative Research (NSF 81-58). Proposals for cooperative research and joint seminar activities are due prior to deadline dates; proposals for long-term visits (6-12 months) are accepted throughout the year. Contact Dr. Charles Wallace (202) 357-9537	April	1
U.S.-Scandinavia and The Netherlands Cooperative Science. Semi-annual deadline for proposals for joint research, seminars, and long-term research visits. Contact Mr. Henryk Uznanski (202) 357-7554	April	1
U.S.-France Cooperative Science. Proposals for cooperative research projects and joint workshops/seminars with requested effective dates in calendar year 1985. Contact Dr. Kenneth Hancock (202) 357-7554	May	1
U.S.-Latin America and The Caribbean Region (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits with scientists from any independent country of the region. Contact Ms. Christine French (north of the Equator) and Dr. Harold Stolberg (south of the Equator) (202) 357-9563	May	1
U.S.-Argentina Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Dr. Harold Stolberg (202) 357-9563	May	1
U.S.-Brazil Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Dr. Harold Stolberg (202) 357-9563	May	1
U.S.-Mexico Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Ms. Christine French (202) 357-9563	May	1
U.S.-Venezuela Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Ms. Christine French (202) 357-9563	May	1
U.S.-Federal Republic of Germany Cooperative Science. Joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Switzerland Cooperative Science. Joint research, seminars and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1

U.S.-Japan Cooperative Science. Joint seminars (NSF 81-58). Proposals for cooperative research and joint seminar activities are due prior to deadline dates; proposals for long-term visits (6-12 months) are accepted throughout the year. Contact Dr. Charles Wallace (202) 357-9537	June	1
U.S.-India International Travel Support (NSF 82-86). Scientists of both U.S. and India are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	June	1
U.S.-Pakistan International Travel Support (NSF 80-49). Scientists of both U.S. and Pakistan are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	June	1
U.S.-Korea Cooperative Science (NSF 83-50). Proposals for long-term visits and cooperative research only. Contact Dr. Gerald A. Edwards (202) 357-9537	July	1
U.S.-East Asia Cooperative Science. Philippine component only (NSF 83-50). Proposals for long-term visits, cooperative research, and seminars and workshops. Contact Dr. Gerald A. Edwards (202) 357-9537	July	1
Ship Operations Support (NSF 81-18). Shipboard Technicians (NSF 81-23), Oceanographic Instrumentation (NSF 81-25), and Shipboard Scientific Support Equipment (NSF 81-26). Contact Mr. Ronald La Count (202) 357-7837	July	1
Small Business Innovation Research. Contact Mr. Roland Tibbetts or Mr. Ritchie Coryell (202) 357-7527	July	15
Information Science and Technology. Special Research Initiation Awards for New Investigators (NSF 81-34 and 81-69). Contact Dr. Edward Weiss (202) 357-9572	August	1
VLSI (Very Large Scale Integration) Fast Turnaround Fabrication Service for Universities (NSF 83-43). Contact Dr. Andrew Molnar (202) 357-7539	August	1
U.S.-Pakistan International Travel Support (NSF 80-49). Scientists of both U.S. and Pakistan are eligible. Contact Dr. Jean Johnson, or Dr. Osman Shinaishin (202) 357-9402	September	1
U.S.-India International Travel Support (NSF 82-86). Scientists of both U.S. and India are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	September	1
U.S.-Scandinavia and The Netherlands Cooperative Science. Joint research, seminars and long-term research visits. Contact Mr. Henryk Uznanski (202) 357-7554	September	1
U.S.-India Exchange of Scientists (NSF 78-66 and 82-86). U.S. senior scientists only submit to NSF; India scientists, to the Indian Council of Scientific Industrial Research. Contact Mr. Eugene Pronko (202) 357-9550 or Dr. Osman Shinaishin (202) 357-9402	September	15

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Biological Instrumentation. Multi-user instrument or instrument development (NSF 83-19). Contact Dr. Arthur Kowalsky (202) 357-7652	April	30
Doctoral Dissertation Research. Contact Dr. James Edwards (202) 357-9588	May	1
Climate Dynamics. Contact Dr. Hassan Virji (202) 357-9892	May	1

U.S. Antarctic Research. Request special proposal kit. Contact Mr. Guy Guthridge (202) 357-7817	June	1
Metabolic Biology. Contact Dr. William van Robertson (202) 357-7987	June	1
Ocean Sciences Research. Contact Dr. Robert Wall (202) 357-7924	June	15
Ecology. Contact Dr. Nancy Stanton (202) 357-9734	June	15
Systematic Biology. Contact Dr. Lloyd Knutson (202) 357-9588	June	15
Population Biology and Physiological Ecology. Contact Dr. Louis Pitelka (202) 357-9728	June	15
Social and Developmental Psychology. Contact Dr. Jean Intermaggio (202) 357-9485	July	1
Earth Sciences Research Equipment (NSF 83-28). Contact Dr. Ian MacGregor (202) 357-9591	July	1
Earth Sciences: Stratigraphy and Paleontology; Environ- mental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	July	1
Biochemistry. Contact Dr. Mary Kirtley (202) 357-7945	July	2
Biophysics. Contact Dr. Kin-Ping Wong (202) 357-7777	July	2
Cellular Physiology. Contact Dr. Judith Willis (202) 357-7377	July	2
Cell Biology. Contact Dr. Wallace LeStourgeon (202) 357-7474	July	2
Developmental Biology. Contact Dr. Clifton Poodry or Dr. Jane Peterson (202) 357-7989	July	2
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	July	2
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	July	2
Anthropology. Does not include Doctoral Dissertation proposals. Contact Dr. John Yellen (202) 357-7804	August	1
Linguistics. Contact Dr. Paul Chapin (202) 357-7696	August	1
Neurobiology. Contact Dr. Nathaniel Pitts (202) 357-7471	August	1
Psychobiology. Contact Dr. Fred Stollnitz (202) 357-7949	August	1
Memory and Cognitive Processes. Contact Dr. Joseph Young (202) 357-9898	August	1
Climate Dynamics. Contact Dr. Hassan Virji (202) 357-9892	August	1
Sensory Physiology and Perception. Contact Dr. James Larimer (202) 357-7428	September	1
Economics. Contact Dr. Daniel Newlon, Dr. Lynn Pollnow or Mr. James Slaugh, Jr. (202) 357-9675	September	1
Geography and Regional Science. Contact Dr. George Demko (202) 357-7441	September	1
Measurement Methods and Data Resources. Contact Dr. Murray Aborn or Dr. Sara Nerlove (202) 357-7913	September	1
Sociology. Contact Dr. Joanne Miller or Ms. Dorothy Greene (202) 357-7802	September	1
History and Philosophy of Science. Contact Dr. Ronald Overmann or Ms. Bonney Sheahan (202) 357-9677	September	1
Political Science. Contact Dr. Frank Scioli, Jr. or Dr. William Mishler (202) 357-9406	September	1
Law and Social Science. Contact Dr. Felice Levine or Ms. Dorothy Greene (202) 357-9567	September	1

Decision and Management Science. Contact Dr. Trudi Miller (202) 357-7569	September 1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg (202) 357-7417	September 1
Science in Developing Countries (NSF 83-58). Contact Sub-Saharan Africa: Mr. Robert Bell (202) 357-9550; South and West Asia: Dr. Osman Shinaishin (202) 357-9402; East Asia: Dr. Gordon Hiebert (202) 357-9537; Latin America and Caribbean: Ms. Christine French (202) 357-9563	September 1
U.S.-East Asia Cooperative Science. Indonesia, Malaysia, Singapore, Thailand (NSF 81-30). Contact Dr. Gordon Hiebert (202) 357-9537	September 1
Ocean Sciences Instrumentation Development. Request the brochure, <i>Proposals for Ocean Sciences Instrumentation Development</i> , from Mr. H. Lawrence Clark (202) 357-7837	September 1
Arctic Research (NSF 82-33). Contact Mr. Guy Guthridge (202) 357-7817	September 1
Biological Instrumentation. Multi-user instrument or instrument development (NSF 83-19). Contact Dr. Arthur Kowalsky (202) 357-7652	September 30

U.S. DEPARTMENT OF AGRICULTURE

Receipt deadlines for proposals submitted for USDA's FY 1984 Special and Alcohol Fuels Research Grants Program are as follows:

Animal Health Research	March 16
Aquaculture Research	March 30
Alcohol Research	April 6

NATIONAL ENDOWMENT FOR THE HUMANITIES

The following deadline dates are subject to change and potential applicants are encouraged to contact the appropriate program office. Earliest project date and telephone contact information follow each entry.

Division of Education Programs	
Improving Introductory Courses-October 1984 (202) 786-0380	April 1
Promoting Excellence in a Field-October 1984 (202) 786-0380	April 1
Fostering Coherence in Institution-October 1984 (202) 786-0380	April 1
Humanities/Nontraditional Learners-October 1984 (202) 786-0384	April 1
Division of Fellowships and Seminars	
Fellowships: Independent Study/Research-January 1985 (202) 786-0466	June 1
Fellowships: College Teachers-January 1985 (202) 786-0466	June 1
Summer Stipends-Summer 1985 (202) 786-0466	October 1
Constitutional Programs-January 1985 (202) 786-0466	June 1

Faculty Studies Graduate Programs-January 1985 (202) 786-0466	June	7
Division of Research Programs		
Research Resources, Publications-October 1984 (202) 786-0204	May	1
Reference Works, Tools-July 1985 (202) 786-0210	October	1
Reference Works, Editions-July 1985 (202) 786-0215	October	1
Reference Works, Translations-April 1985 (202) 786-0213	July	1
Division of General Programs		
Humanities Projects in Museums-July 1985 (202) 786-0278	October	31
Special Projects, Youth Projects-January 1985 (202)786-0271	June	15
Younger Scholars Program-June 1985 (202) 786-0271	September	15
Office of Challenge Grants-December 1983 (202) 786-0361	May	1
Division of State Programs-Variou (202) 786-0254	Various	

NATIONAL ENDOWMENT FOR THE ARTS

These deadlines are for grant programs that have been announced by the National Endowment for the Arts. For further information, contact the NEA Public Affairs Office at (202) 682-5400.

Design Arts (202) 682-5437		
Fellowships	March	20
Literature (202) 682-5451		
Literary Magazines	August	10
Assistance to Small Presses	September	13
Theater (202) 682-5425		
Fellowships: Playwrights	April	10
Special Artistic Projects	May	1
Visual Arts (202) 682-5448		
Crafts	March	15

NATIONAL INSTITUTE OF JUSTICE

Unsolicited Research Program	June	1
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UNITED STATES INFORMATION AGENCY

University Affiliation Program	March	30
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NONFEDERAL

THE ORA CONTACT NUMBER FOR NONFEDERAL DEADLINE/PROGRAM INFORMATION IS 373-1970.

American Association of Oral and Maxillofacial Surgeons Research Fellowship Award	April	1
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Charles Stewart Mott Foundation (Letter of inquiry)	June	30
Muscular Dystrophy Association	No	Deadline
Grants-in-Aid		
Request Application	May	31
Final Application	June	30
Fellowship Program		
Request Application	May	31
Final Application	June	30
Clinical Research Grant Program		
Request Application	May	31
Final Application	June	30
National Dairy Council (Letter of intent)	May	1
National Geographic Society		
Grants-in-Aid	No	Deadline
National Multiple Sclerosis Society		
Research Grants	August	1
Research Corporation		
(Recommend submission 60 to 120 days prior to agency reviews in October, February and May)	No	Deadline
Southeastern Poultry and Egg Association	No	Deadline
Technicon Instruments Corporation		
Grants for Research in Biomedical and Industrial Instrumentation		
Pre-proposals	No	Deadline
University Genetics Company (UGEN)	No	Deadline
Villers Foundation	No	Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

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ORADDC Newsletter

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APRIL 1984

VOLUME XIII/NO. 10

"REVISED" BUDGETARY RECOMMENDATIONS FOR PROPOSAL SUBMISSION (CIVIL SERVICE SALARIES)

The Office of Research Administration, with the assistance of the Compensation Division of the Personnel Department, published information relevant to the projected civil service pay plan comparability/structural increases for FY 1984-85 in the January 1984 newsletter. Updated information, still subject to further change or revision, is noted below. Additionally, as stated previously, the pay plan is anticipated to provide "across-the-board" increases of 4.5%, effective July 1, 1984. Salary ranges would increase by 4.5% at the same time. A progression increase of 1%-3%, as previously stated, is estimated to be effective January 1, 1984.

COMPARABILITY PROJECTS 7/1/84

Title	Class	% Incr.	Title	Class	% Incr.
Accounts Assistant	1132	4.8	Secretary	1224	4.9
Accounts Specialist	1134	2.6	Sr. Accounts Assistant	1133	2.7
Administrative Secretary	1239	7.2	Sr. Data Entry Operator	1421	4.8
Data Entry Operator	1420	5.1	Sr. Data Entry Supervisor	1423	7.7
Data Entry Supervisor	1422	5.9	Sr. Office Assistant	1214	7.4
Executive Secretary	1237	7.3	Sr. Office Specialist	1216	5.3
Librarian	8414	3.7	Sr. Secretary	1235	5.3
Office Assistant	1212	6.6	Sr. Word Processing Operator	1242	4.9
Office Specialist	1220	7.4	Telephone Operator	1831	7.4
Office Supervisor	1218	2.9	Word Processing Operator	1240	7.5
Personnel Assistant	1512	7.4	Word Processing Specialist	1244	7.0
Principal Secretary	1236	5.5	Word Processing Supervisor	1246	2.9
Secretarial Assistant	1222	4.1			

STRUCTURAL PROJECTS 7/1/84

Title	Class	Old Minimum Range	New Minimum Range
Sr. Accounts Specialist	1137	C20	C21
Assistant Administrator	1082	A05	A07
Assistant Scientist	4472	A06	A07
Assistant to the Secretary, Board of Regents	1091	C23	C25
Associate Administrator	1084	A08	A10
Associate Scientist	4474	A10	A11
Jr. Scientist	4442	A03	A04
Payments Supervisor	1127	C20	C21
Payroll Accounts Supervisor	1128	C20	C21
Personnel Document Analyst	1511	C14	C16
Personnel Records Supervisor	1513	C20	C22
Sr. Accounts Specialist	1136	C18	C19
Telephone Operator Supervisor	1833	C07	C13

NEW APPLICATION FORM AVAILABLE FOR NEW AND COMPETING INSTITUTIONAL TRAINING GRANTS UNDER THE NATIONAL RESEARCH SERVICE AWARD (NRSA'S)

A new competing NRSA Institutional Training Grant application is available. The form, PHS 6025-1, Rev. 1/83, replaces form PHS 6025, Rev. 2/80 and any earlier revisions. Only the new application, which has undergone extensive changes, can be used for the June 1, 1984, and subsequent deadlines. It is requested that you discard all PHS 6025-1 kits reflecting a date of 2/80 or before. Kits may be obtained from ORA by calling 373-5925.

FOOD AND DRUG ADMINISTRATION (FDA) ANNOUNCES AVAILABILITY FOR "REQUEST FOR APPLICATIONS (RFA): CLINICAL STUDIES OF EFFECTS OF ORPHAN PRODUCTS"

The FDA announces funds available for fiscal year 1984, for grants to support clinical trials on safety and effectiveness of orphan products. Orphan products are drugs, biologics, medical devices (including in vitro diagnostics), food for medical purposes, and veterinary products that may be useful in an uncommon or common disease but lack commercial sponsorship as they are not attractive for marketing. A subcategory of orphan products are those that have suggestive evidence of usefulness in treating a serious disease, but are not labeled as such since definitive evidence is lacking. FDA plans to award approximately 10-20 grants ranging from \$20,000 to \$70,000, but will also consider grants greater than \$70,000 if they extend over a two or three year period. The awards will be made in June and July 1984. Application materials can be obtained from ORA by calling 373-5925. Deadline: April 30, 1984.

NATIONAL INSTITUTES OF HEALTH (NIH) TO IMPLEMENT PROCEDURE OF "EARLY RELEASE OF SUMMARY STATEMENTS"

NIH awarding components are preparing to implement procedures by which program offices will send grant and cooperative agreement application summary statements, with priority scores, to principal investigators and program directors promptly following Initial Review Group (IRG) meetings and before the subsequent National Advisory Council/Board meetings. The new procedures will be effective with applications for the May 1984 round of Council/Board meetings. Awarding components will discontinue sending IRG summary statements to PIs and PDs after Council/Board meetings, although notification will be sent regarding the actions at the meetings, including any recommendations differing from those of the IRGs. Applicant investigators should continue to address all inquiries concerning summary statements to the appropriate program office.

NATIONAL INSTITUTES OF HEALTH (NIH) HAS ISSUED "REVISED" GUIDELINES FOR NATIONAL RESEARCH SERVICE AWARD (NRSA'S) RECIPIENTS (INDIVIDUALS/INSTITUTIONAL)

The Special Edition of the National Research Service Award Guidelines for Individual Awards - Institutional grants has been revised to reflect changes in policy and procedures affecting recipients of these awards. The revision is published as a Special Edition of the *NIH Guide for Grants and Contracts (Vol. 13, No. 1, January 6, 1984)*. Copies will be distributed to institutional offices of sponsored programs and training grant program directors. A limited number of additional copies may be available upon request from the Office of Grant Inquiries, Division of Research Grants, National Institutes of Health, Bethesda, MD 20205, (301) 496-7441.

NATIONAL INSTITUTES OF HEALTH (NIH)/FOOD AND DRUG ADMINISTRATION (FDA) WORKSHOPS-PROTECTION OF HUMAN SUBJECTS

The NIH and FDA are sponsoring a series of workshops on responsibilities of researchers, institutional review boards, and institutional officials for the protection of human subjects in biomedical and behavioral research. The workshops are open to everyone with an interest in research. The meetings should be of special interest to those persons currently serving or about to begin serving as a member of an Institutional Review Board (IRB). A workshop is scheduled to be held in Minneapolis on May 21-22, 1984 at Minneapolis Plaza, 315 Nicollet Mall. For specific program and registration information, contact or write one of the following individuals:

Dr. Jane Boyajian
President
WorkEthics
2023 Milwaukee Avenue
Minneapolis, MN 55404
(612) 623-2069

OR

Ms. Elaine S. Levine
Coordinator, IRB
St. Paul Ramsey Medical Center
640 Jackson
St. Paul, MN 55101
(612) 221-2757

NATIONAL SCIENCE FOUNDATION (NSF) ANNOUNCES AN INTERDISCIPLINARY RESEARCH PROGRAM

The NSF, Office of Interdisciplinary Research, will support a limited number of projects for research leading to development of new instruments. Priority areas are biotechnology, biotechnology information acquisition systems, lightwave technology, and hazardous waste management. Ten percent cost sharing is required. Deadline: April 20, 1984.

U.S. ARMY SEEKS CHEMICAL SYSTEMS TECHNOLOGY SOURCES

The U.S. Army is seeking sources for the establishment of one or more chemical systems technology centers. Institutions of higher education are encouraged to respond. A briefing on this will be held April 15 to discuss the centers. This will be followed by an invitation to submit an unsolicited proposal. For further information contact: U.S. Army Armament, Munitions and Chemical Command, CML, Research and Development Center, Attn: DRSMCCLY-R(A), R. Dimmick, APG, MD 21010.

OFFICE OF NAVAL RESEARCH (ONR) ANNOUNCES SELECTED RESEARCH OPPORTUNITIES (SRO) PHASE IV DEADLINE

ONR announces SRO Phase IV deadline for the following research topics: Polymers in Electronic; A Graph Theoretical and Topological Approach to Chemistry: Structure, Reactivity and Dynamics; Inferences from Images; and Theoretical Turbulence and Turbulence Modification. Short, informal proposals, letters of interest or telephone inquiries are encouraged before a formal proposal is submitted. Further information may be obtained from ORA by calling 373-2088. Deadline: May 15, 1984.

U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT (AID) SEEKS ADVISOR FOR SOCIAL MARKETING OF CONTRACEPTIVES

The U.S. AID is seeking a resident advisor for social marketing of contraceptive programs for its mission to Pakistan. Interested persons should contact: William Jansen, Population Office, ISAMABAD (ID), Department of State, Washington, DC 20520. Deadline: June 1, 1984.

AMERICAN ASSOCIATION OF RETIRED PERSON (AARP) ANDRUS FOUNDATION

Research grants in the field of aging are awarded to universities twice a year by the AARP Andrus Foundation. A university may receive up to \$40,000 per year for approved projects. The Foundation supports projects in gerontology: behavioral, social, health sciences, policy, planning and practice. The major emphasis of a grant must be upon research aimed at producing information of a practical, usable character which will assist the Association, its members and older persons in general; policy planners and formulators; service providers; and practitioners. Fact gathering for implementing locally centered service demonstration, policy, or planning will not qualify. Further information may be obtained from ORA by calling 373-1970. Deadline: June 1, 1984.

JAPAN-UNITED STATES EDUCATION COMMISSION

The Fulbright Program in Japan has expanded its program in response to the growing interest in contemporary issues between the United States and Japan. The program will now include: 1) graduate students enrolled in or recently graduated from schools of business, law, journalism, public administration and other professional areas which are appropriate to its project areas, and 2) senior nonacademic professionals in these fields. Applicants who are not Japan specialists or have not had any prior experience in Japan should demonstrate commitment to learning about Japan, and describe how the experience relates to their professional interest. While Japanese language proficiency is not required, a nominated candidate is expected to undertake language study prior to arrival in Japan. See Nonfederal deadline section for application due dates. Further information may be obtained from ORA by calling 373-1970.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, agency deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

THE ORA CONTACT NUMBERS FOR FEDERAL DEADLINE/PROGRAM INFORMATION ARE AS FOLLOWS:

DEPARTMENT OF HEALTH AND HUMAN SERVICES	373-5925
DEPARTMENT OF EDUCATION	373-5925
OTHER FEDERAL AGENCIES	373-2771

NATIONAL INSTITUTES OF HEALTH

Fogarty International Center, Eastern European Scientist Exchange Program	Open	
Fogarty Senior International Fellowships, 1985-86	June	1
Fogarty, Biomedical Research Fellowship Opportunities Abroad		
Alexander von Humboldt Awards (West Germany)	Open	
French NIH and Medical Research Postdoctoral Fellowships (France)	October	1
NIH-French National Center for Scientific Research Exchange (France/U.S.)	October	1
Irish Medical Research Council Postdoctoral Fellowship (Ireland)	October	1
Swedish Medical Research Council Fellowships (Sweden)	October	1
Swiss National Foundation Postdoctoral Fellowships (Switzerland)	October	1
NCI, RFA: 84-CA-02, Biochemical Epidemiology	May	15
NCI, Cancer Education Program	June	1
NCI, The NCI Clinical Investigator Award	June	1
NCI, Smoking Prevention Program for Minorities (Letter of intent by 5/15/84)	June	15
NCI, Surgical Oncology Research:		
Individual Research Grants	July	1
Program Project Grants	June	1
NCI, Vascular and Lymphatic Invasion of Breast Cancer	July	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines	July	1
NCI, Determination of the Therapeutic Usefulness of Purified Cytokines and Anti-Cytokine Monoclonal Antibodies in Cancer Models	July	1
NCI, Development of Genetically Engineered Cell Products	July	1
NCI, Use of Tumor Associated Antigens as Immunogens	July	1
NCI, Use of Growth Factors, Maturation Factors and Anti-Growth Factors in Animal Tumor Models	July	1
NHLBI, RFA: NIH-RFA-NHLBI-DHVD-84-G-D, Adult Mammalian Cardiac Myocytes	April	16
NHLBI, RFA: NIH-RFA-NHLBI-DHVD-G-H, Specialized Centers of Research in Hypertension	May	1
NHLBI, RFA: National Research and Demonstration Centers in Adult Respiratory Failure	May	1
NHLBI, Clinical Investigator Award	June	1
NHLIB, RFA: 84-HL-13-B, Specialized Centers of Research in Transfusion Medicine National Research and Demonstration Center in Transfusion Medicine	June	15
NHLBI/NICHD, Hypertension in Pregnancy	July	1
NHLBI, Surfactants for Perflurochemicals	July	1
NHLBI, Protection of the Immature Myocardium During and Following Cardiac Surgery	July	1
NHLBI, Mechanisms of Biobehaviorally Induced Ventricular Arrhythmias and Sudden Cardiac Death	July	1
NHLBI, Biobehavioral Sequellae of Antihypertensive Therapies	July	1
NIA/Division of Nursing-HRSA, Behavioral Therapies for Urinary Incontinence in the Elderly	May	30
NIA Program Project Research Grants	June	1

NIA/NIAID/NIADDK/NICHD/NIDR/NIEHS/NEY/NHLBI, Physician Scientist Award	June	1
NIA Small Grant Awards for Pilot Projects	June	1
NIA, Special Emphasis Research Career Award for Social and Behavioral Scientists in Behavioral Geriatrics Research	June	1
NIA, Cellular Aging Research: Differentiated Cells in Culture:		
New Investigator Research Award	July	1
Research Grants	July	1
Institutional Training Grants	June	1
Individual Postdoctoral Fellowships	June	1
Program Project Grants	June	1
Clinical Investigator Awards	June	1
Research Career Development Awards	June	1
NIA, Social And Behavioral Research on Aging		
New Investigator Research Award	July	1
Research Grants	July	1
Institutional Training Grants	June	1
Program Project Grants	June	1
Research Career Development Awards	June	1
Small Grants	June	1
NIA, Health Functioning in Middle and Later Years		
New Investigator Research Award	July	1
Research Grants	July	1
Institutional Training Grants	June	1
Program Project Grants	June	1
Research Career Development Awards	June	1
Small Grants	June	1
NIA, Aging and Visual Perception		
New Investigator Awards	July	1
Research Project Grants	July	1
Individual Postdoctoral Fellowships	June	1
Institutional Training	June	1
NIA, Health Behaviors and Aging: Behavioral Geriatrics Research:		
New Investigator Awards	July	1
Research Grants	July	1
Individual Postdoctoral Fellowships	June	1
Program Project Grants	June	1
NIA, Social Environments Influencing Health and Effective Functioning in the Middle and Later Years:		
New Investigator Awards	July	1
Research Grants	July	1
Individual Postdoctoral Fellowships	June	1
Program Project Grants	June	1
NIA, Genetics, Molecular and Cellular Biology Programs	July	1
NIA/NIAID/NIADDK/NCI/NICHD/NIDR/NIEHS/NEY/NIGMS/NHLBI/ NINCDS, Research Grants for Clinical Testing of Orphan Products for Rare Diseases	July	1
NIADDK, Request for Cooperative Agreement: RFA-NIADDK-84- AM-02, Data Coordinating Center for a Cooperative Clinical Study of Dietary Modification on the Course of Progressive Renal Disease	May	1

NIADDK/NIA, Research on Anorectal Diseases and Disorders		
New Investigator	July	1
Research Career Development	June	1
Research Projects	July	1
Institutional Training Projects	June	1
NIADDK, The Immune Base of Renal Disease	July	1
NIADDK/NIAID/NCI/NICHD/NIGMS, Liver Transplantation		
Research	July	1
NIADDK, Preservation of Donor Livers and Assessment of		
Their Function	July	16
NIAID, RFA: 84-AI-06, Cooperative Study of Immunotherapy		
in Adult Asthmatics (Letter of intent by 3/15/84)	April	15
NIAID, RFA: 84-AI-03, Program Projects on Mechanisms of		
Immunologic Diseases (Letter of intent by 3/15/84)	June	15
NIAID/NINCDS/NIA, Persistent Viral Infections-Alzheimer's		
Disease	July	1
NIAID/NINCDS, Research Grants in the Field of Nervous		
System Modulation of Immune Responses and Interactions		
Between the Nervous and Immune Systems	July	1
NIAID, RFA: 84-AI-02, Asthma and Allergic Disease Centers		
and Asthma and Allergic Disease Centers for Immuno-		
dermatologic Studies (Letter of intent by 7/15/84)	October	15
NICHD, RFA: 84-HD-01, Cooperative Clinical Comparison of		
Chorion Villus Sampling and Amniocentesis	April	15
NICHD, RFA: 84-HD-02, Perinatal Emphasis Research Center-		
Perinatal Pharmacology and Toxicology	April	15
NICHD, Clinical Investigator Award	June	1
NICHD, Behavioral/Biomedical Interdisciplinary Research		
Training:		
Institutional Grant	June	1
Individual Postdoctoral Fellowships	June	1
NIDR, RFA: 84-DE-02, Specialized Clinical Research Centers		
for Periodontal Disease	May	1
NIDR, Small Grant Program	June	1
NIDR, RFA: 84-DE-03, Oral Health and Behavior Research		
Centers	June	15
NIDR, RFA: 84-DE-04, National Research Service Awards		
for Institutional, Postdoctoral Training Programs in		
Caries Research	June	15
NIEHS, Special Program Areas of Interest: A) Alternative		
Designs of Standard Cancer Bioassay; B) Studies Relating		
Human Health Effects to PBB; C) Immunotoxicology of		
Environmental Agents; D) Biological Effects of Chemical		
Interactions; E) Environmental Medicine	July	1
NIEHS, New Investigator Research Award Program	July	1
NIGMS, Medical Scientist Training (MST) Program	June	1
NIH, Research Grants, Renewals	June	1
NIH, Research Career Development Awards	June	1
NIH, Individual Postdoctoral Fellowships	June	1
NIH, Institutional Training Programs	June	1
NIH, Support of Meetings (Scientific, U.S.A. or		
International)	June	1
NIH, DRR, NMR Resources, Biotechnology Resources Program	June	1
NIH, DRR, Intermediate Voltage Electron Microscopy and		
Image Analysis Resources (Biotechnology Resources		
Program)	June	1
NIH, Research Grants, New	July	1

NIH, New Investigator Awards	July	1
NINCDS, Teacher-Investigator Development Award	June	1
NINCDS, Individual Postdoctoral Fellowships: Speech and/or Language Disorders		
NINCDS, Research Grants Related to Basic Mechanisms in Phakomatoses	July	1
NINCDS, Cerebrovascular Disease Related to Stroke	July	1
NINCDS, The Biology of Neurodegenerative Disorders	July	1
NINCDS, Osteosclerosis and Elderly Progressive Deafness	July	1

NIH ANNUAL DEADLINES

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <u>for each</u> : School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1
NHLBI, Preventive Cardiology Academic Award	April	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1
NIA, Academic Award	July	1
NIADDK/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIGMS, NIGMS Shared Instrumentation Grants	February	15
NIH, NRSA for Short-Term Training of Students in Health Professional Schools (Limited to one application per health professional school for a given receipt date)	February	1

CENTERS FOR DISEASE CONTROL

NIOSH, Occupational Safety and Health, Small Research Grants	June	1
NIOSH, Research and Demonstrations Relating to Occupational Safety and Health: Regular Research	July	1
Small Grants	June	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, Renewals	June	1
ADAMHA, Individual Postdoctoral Fellowships	June	1
ADAMHA, Institutional Training Grants, NRSA	June	1
ADAMHA, Research Scientist Development/Research Scientist Award	June	1
ADAMHA, Research Grants, New	July	1
ADAMHA, Research on the Prevention of ADM Disorders in Children and Adolescents	July	1
NIAAA/NIDA/NIMH, Individual NRSA	June	1
NIAAA/NIDA/NIMH, Institutional NRSA Training	June	1
NIDA, Youth Drug Abuse Treatment Research Grants	July	1
NIDA, Family Therapy and Prevention Research	July	1
NIDA, Drug Abuse Prevention Research	July	1

NIMH, Geriatric Mental Health Award	July	1
NIMH, Rape Centers	June	1
NIMH, Clinical Investigator Award	July	1
NIMH, Research Grants Program	July	1
NIMH, Physician Scientist Award	July	1
NIMH, Antidepressant Drugs in the Treatment of Anxiety Disorders	July	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Conference Grants (Preliminary submission required prior to formal application)	Open	
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FOOD AND DRUG ADMINISTRATION

Clinical Studies of Safety and Effectiveness of Orphan Products, RFA-FDA-OP-84-1	April	30
Research Grants, New	July	1
Research Grants, Renewals	June	1

HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants	May	7
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DEPARTMENT OF EDUCATION

Business and International Education Programs	April	16
National Institute of Handicapped Research-Fellowships	April	16
National Institute of Handicapped Research-Research and Training Centers	April	30
National Institute of Handicapped Research-Knowledge and Utilization Projects	April	30
Discretionary Grant Program		
Rehabilitation Training Continuing Education	May	1
State Vocational Rehabilitation Unit In-Service Training Program	May	15
National Institute of Handicapped Research-Field-Initiated Research Projects	May	21
Discretionary Program-Unsolicited Grants	August	1

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Competitive Grants and Proposed Funding Preference for Establishment of Departments of Family Medicine	April	16
Maternal and Child Health Discretionary Grants-Genetic Disease Testing, Counseling and Information Projects	May	1
Maternal and Child Health Discretionary Grants-Hemophilia Diagnostic and Treatment Centers	May	1
Cooperative Agreements-Area Health Education Centers	May	9
Home Health Services and Training-Training Projects	May	15
Nursing Research Program Grants	June	1
Bureau of Health Professions, Grants for Utilization of Research in Nursing Practice, Nursing Services	June	1
Nursing Research Emphasis Grants for Doctoral Programs in Nursing	July	1
Nursing Research Project Grants	July	1

Bureau of Health Professions, New Investigator Nursing Research Awards	July	1
Advanced Nurse Training Grants	July	1
Nurse Practitioner Training Grants	July	1
Nurse Special Project Grants	July	1
Maternal and Child Health Research	August	1

NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

U.S.-France Cooperative Science. Proposals for cooperative research projects and joint workshops/seminars with requested effective dates in calendar year 1985. Contact Dr. Kenneth Hancock (202) 357-7554	May	1
U.S.-Latin America and The Caribbean Region (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits with scientists from any independent country of the region. Contact Ms. Christine French (north of the Equator) and Dr. Harold Stolberg (south of the Equator) (202) 357-9563	May	1
U.S.-Argentina Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Dr. Harold Stolberg (202) 357-9563	May	1
U.S.-Brazil Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Dr. Harold Stolberg (202) 357-9563	May	1
U.S.-Mexico Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Ms. Christine French (202) 357-9563	May	1
U.S.-Venezuela Cooperative Science (NSF 80-52). Cooperative research (partial support), research-oriented workshops and scientific visits. Contact Ms. Christine French (202) 357-9563	May	1
U.S.-Federal Republic of Germany Cooperative Science. Joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Switzerland Cooperative Science. Joint research, seminars and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Japan Cooperative Science. Joint seminars (NSF 81-58). Proposals for cooperative research and joint seminar activities are due prior to deadline dates; proposals for long-term visits (6-12 months) are accepted throughout the year. Contact Dr. Charles Wallace (202) 357-9537	June	1

U.S.-India International Travel Support (NSF 82-86). Scientists of both U.S. and India are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	June	1
U.S.-Pakistan International Travel Support (NSF 80-49). Scientists of both U.S. and Pakistan are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	June	1
U.S.-Korea Cooperative Science (NSF 83-50). Proposals for long-term visits and cooperative research only. Contact Dr. Gerald A. Edwards (202) 357-9537	July	1
U.S.-East Asia Cooperative Science. Philippine component only (NSF 83-50). Proposals for long-term visits, cooperative research, and seminars and workshops. Contact Dr. Gerald A. Edwards (202) 357-9537	July	1
Ship Operations Support (NSF 81-18). Shipboard Technicians (NSF 81-23), Oceanographic Instrumentation (NSF 81-25), and Shipboard Scientific Support Equipment (NSF 81-26). Contact Mr. Ronald La Count (202) 357-7837	July	1
Small Business Innovation Research. Contact Mr. Roland Tibbetts or Mr. Ritchie Coryell (202) 357-7527	July	15
Information Science and Technology. Special Research Initiation Awards for New Investigators (NSF 81-34 and 81-69). Contact Dr. Edward Weiss (202) 357-9572	August	1
VLSI (Very Large Scale Integration) Fast Turnaround Fabrication Service for Universities (NSF 83-43). Contact Dr. Andrew Molnar (202) 357-7539	August	1
U.S.-Pakistan International Travel Support (NSF 80-49). Scientists of both U.S. and Pakistan are eligible. Contact Dr. Jean Johnson, or Dr. Osman Shinaishin (202) 357-9402	September	1
U.S.-India International Travel Support (NSF 82-86). Scientists of both U.S. and India are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	September	1
U.S.-Scandinavia and The Netherlands Cooperative Science. Joint research, seminars and long-term research visits. Contact Mr. Henryk Uznanski (202) 357-7554	September	1
U.S.-India Exchange of Scientists (NSF 78-66 and 82-86). U.S. senior scientists only submit to NSF; India scientists, to the Indian Council of Scientific Industrial Research. Contact Mr. Eugene Pronko (202) 357-9550 or Dr. Osman Shinaishin (202) 357-9402	September	15
U.S.-New Zealand Cooperative Science (NSF 81-50). All proposals for projects with requested effective dates falling between July 1 and December 31, 1985. Contact Mr. Alan Milsap (202) 357-9537	October	1
U.S.-Australia Cooperative Science (NSF 81-49 Rev. 1/82). Seminar, cooperative research exchange, and no-cost proposals with requested effective dates falling between July 1 and December 31, 1985. Contact Mr. Alan Milsap (202) 357-9537	October	1

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Doctoral Dissertation Research. Contact Dr. James Edwards (202) 357-9588	May	1
Climate Dynamics. Contact Dr. Hassan Virji (202) 357-9892	May	1
U.S. Antarctic Research. Request special proposal kit. Contact Mr. Guy Guthridge (202) 357-7817	June	1
Metabolic Biology. Contact Dr. William van Robertson (202) 357-7987	June	1
Ocean Sciences Research. Contact Dr. Robert Wall (202) 357-7924	June	15
Ecology. Contact Dr. Nancy Stanton (202) 357-9734	June	15
Systematic Biology. Contact Dr. Lloyd Knutson (202) 357-9588	June	15
Population Biology and Physiological Ecology. Contact Dr. Louis Pitelka (202) 357-9728	June	15
Social and Developmental Psychology. Contact Dr. Jean Intermaggio (202) 357-9485	July	1
Earth Sciences Research Equipment (NSF 83-28). Contact Dr. Ian MacGregor (202) 357-9591	July	1
Earth Sciences: Stratigraphy and Paleontology; Environ- mental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	July	1
Biochemistry. Contact Dr. Mary Kirtley (202) 357-7945	July	2
Biophysics. Contact Dr. Kin-Ping Wong (202) 357-7777	July	2
Cellular Physiology. Contact Dr. Judith Willis (202) 357-7377	July	2
Cell Biology. Contact Dr. Wallace LeStourgeon (202) 357-7474	July	2
Developmental Biology. Contact Dr. Clifton Poodry or Dr. Jane Peterson (202) 357-7989	July	2
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	July	2
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	July	2
Anthropology. Does not include Doctoral Dissertation proposals. Contact Dr. John Yellen (202) 357-7804	August	1
Linguistics. Contact Dr. Paul Chapin (202) 357-7696	August	1
Neurobiology. Contact Dr. Nathaniel Pitts (202) 357-7471	August	1
Psychobiology. Contact Dr. Fred Stollnitz (202) 357-7949	August	1
Memory and Cognitive Processes. Contact Dr. Joseph Young (202) 357-9898	August	1
Climate Dynamics. Contact Dr. Hassan Virji (202) 357-9892	August	1
Sensory Physiology and Perception. Contact Dr. James Larimer (202) 357-7428	September	1
Economics. Contact Dr. Daniel Newlon, Dr. Lynn Pollnow or Mr. James Slaugh, Jr. (202) 357-9675	September	1
Geography and Regional Science. Contact Dr. George Demko (202) 357-7441	September	1
Measurement Methods and Data Resources. Contact Dr. Murray Aborn or Dr. Sara Nerlove (202) 357-7913	September	1
Sociology. Contact Dr. Joanne Miller or Ms. Dorothy Greene (202) 357-7802	September	1

History and Philosophy of Science. Contact Dr. Ronald Overmann or Ms. Bonney Sheahan (202) 357-9677	September 1
Political Science. Contact Dr. Frank Scioli, Jr. or Dr. William Mishler (202) 357-9406	September 1
Law and Social Science. Contact Dr. Felice Levine or Ms. Dorothy Greene (202) 357-9567	September 1
Decision and Management Science. Contact Dr. Trudi Miller (202) 357-7569	September 1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg (202) 357-7417	September 1
Science in Developing Countries (NSF 83-58). Contact Sub-Saharan Africa: Mr. Robert Bell (202) 357-9550; South and West Asia: Dr. Osman Shinaishin (202) 357-9402; East Asia: Dr. Gordon Hiebert (202) 357-9537; Latin America and Caribbean: Ms. Christine French (202) 357-9563	September 1
U.S.-East Asia Cooperative Science. Indonesia, Malaysia, Singapore, Thailand (NSF 81-30). Contact Dr. Gordon Hiebert (202) 357-9537	September 1
Ocean Sciences Instrumentation Development. Request the brochure, <i>Proposals for Ocean Sciences Instrumentation Development</i> , from Mr. H. Lawrence Clark (202) 357-7837	September 1
Arctic Research (NSF 82-33). Contact Mr. Guy Guthridge (202) 357-7817	September 1
Biological Instrumentation. Multi-user instrument or instrument development (NSF 83-19). Contact Dr. Arthur Kowalsky (202) 357-7652	September 30
Ecology. Contact Dr. Nancy Stanton (202) 357-9734	October 1
Systematic Biology. Contact Dr. Lloyd Knutson (202) 357-9588	October 1
Population Biology and Physiological Ecology. Contact Dr. Louis Pitelka (202) 357-9728	October 1
Doctoral Dissertation Research. Contact Dr. James Edwards (202) 357-9588	October 15

*NSF Proposals may be submitted for the following programs at any time of the year. It takes approximately six to nine months to process a proposal. Brochures indicated in parentheses may be ordered.

Biological Research Resources. Contact Dr. James Tyler (202) 357-7475	*
Ecosystem Studies. Contact Dr. Robert Woodmansee (202) 357-9596	*
U.S.-India Cooperative Science (NSF 82-86). Contact Dr. Osman Shinaishin, Dr. Jean Johnson (202) 357-9402 or Mr. Eugene Pronko (202) 357-9550	*
U.S.-Pakistan Cooperative Science (NSF 80-49). Contact Dr. Osman Shinaishin, Dr. Jean Johnson (202) 357-9402 or Mr. Eugene Pronko (202) 357-9550	*
U.S.-Sub-Saharan Africa Cooperative Science (NSF 83-58). Contact Mr. Robert Bell (202) 357-9550	*

U.S.-New Zealand Cooperative Science. Letter-proposals for short-term visits (limited to airfare and three week per diem) to develop cooperative research in physical oceanography, air/sea interaction, marine geology, geophysics or biology (marine productivity). Contact Mr. Alan Milsap (202) 357-9558 *

Honors Workshops for Precollege Teachers in Science and Mathematics (NSF 83-44). Contact Dr. Robert Watson (202) 357-7539 or Program Directors: Dr. Alexander Barton, Ms. Dorothy Deringer, Dr. Andrew Molnar, Dr. Theodore Reid (202) 357-7539 *

Materials Development for Precollege Science and Mathematics (NSF 83-6). Contact Dr. Robert Watson (202) 357-7539 or Program Directors: Dr. Alexander Barton, Ms. Dorothy Deringer, Dr. Andrew Molnar, Dr. Theodore Reid (202) 357-7539 *

Atomic, Molecular, and Plasma Physics. Contact Dr. Rolf Sinclair (202) 357-7997 *

Elementary Particle Physics. Contact Dr. David Berley (202) 357-9575 *

Gravitational Physics. Contact Dr. Richard Isaacson (202) 357-7979 *

Intermediate Energy Nuclear Physics. Contact Dr. Hall Crannell (202) 357-7992 *

Nuclear Physics. Contact Dr. William Rodney (202) 357-7992 *

Theoretical Physics. Contact Dr. Boris Kayser (202) 357-7979 *

Alternative Biological Resources. Contact Dr. H. Huang (202) 357-9782 *

Industry/University Cooperative Research Projects (NSF 82-56). Contact Dr. Frederick Betz (202) 357-7785 or Mr. Alex Schwarzkopf (202) 357-7527 *

Industry/University Cooperative Research Centers. Contact Mr. Robert Colton or Mr. Alex Schwarzkopf (202) 357-7527 *

Minority Research Initiation (NSF 80-42). Contact Dr. Roosevelt Calbert (202) 357-7350 *

Research in Information Science and Technology (NSF 81-34). Contact the Division of Information Science and Technology (202) 357-9572 *

NATIONAL ENDOWMENT FOR THE HUMANITIES

The following deadline dates are subject to change and potential applicants are encouraged to contact the appropriate program office. Earliest project date and telephone contact information follow each entry.

Division of Fellowships and Seminars

Fellowships: Independent Study/Research-January 1985 (202) 786-0466	June	1
Fellowships: College Teachers-January 1985 (202) 786-0466	June	1
Summer Stipends-Summer 1985 (202) 786-0466	October	1
Constitutional Programs-January 1985 (202) 786-0466	June	1
Faculty Studies Graduate Programs-January 1985 (202) 786-0466	June	7

Division of Research Programs		
Research Resources, Publications-October 1984 (202) 786-0204	May	1
Reference Works, Tools-July 1985 (202) 786-0210	October	1
Reference Works, Editions-July 1985 (202) 786-0215	October	1
Reference Works, Translations-April 1985 (202) 786-0213	July	1
Division of General Programs		
Humanities Projects in Museums-July 1985 (202) 786-0278	October	31
Special Projects, Youth Projects-January 1985 (202)786-0271	June	15
Younger Scholars Program-June 1985 (202) 786-0271	September	15
Office of Challenge Grants-December 1983 (202) 786-0361	May	1
Division of State Programs-Various (202) 786-0254	Various	

NATIONAL ENDOWMENT FOR THE ARTS

These deadlines are for grant programs that have been announced by the National Endowment for the Arts. For further information, contact the NEA Public Affairs Office at (202) 682-5400.

Literature (202) 682-5451		
Literary Magazines	August	10
Assistance to Small Presses	September	13
Theater (202) 682-5425		
Special Artistic Projects	May	1

U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT

Social Marketing of Contrceptives in Pakistan	June	1
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OFFICE OF NAVAL RESEARCH

Selected Research Opportunities - Phase IV	May	15
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NATIONAL INSTITUTE OF JUSTICE

Unsolicited Research Program	June	1
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NONFEDERAL

THE ORA CONTACT NUMBER FOR NONFEDERAL DEADLINE/PROGRAM INFORMATION IS 373-1970.

AARP Andrus Foundation	June	1
American Cancer Society Regular Clinical Fellowship Final Application	July	1
American Chemical Society - Petroleum Research Fund Grants-in-Aid	No Deadline	

American Heart Association		
Established Investigatorships	July	1
Clinician-Scientist Award	July	1
British-American Research Fellowships	July	1
Medical Student Research Fellowships	July	1
American Philosophical Society		
Grants-in-Aid	Various--Contact	ORA
Bedding Plants Foundation, Inc.	May	1
Center for Field Research (Earthwatch)		
Latin America Field Research Grants	No	Deadline
Damon Runyon Walter Winchell Cancer Fund		
Fellowship Grants	August	15
Human Cancer-Directed Fellowship Grants	August	15
Deafness Research Foundation	July	15
Distilled Spirits Council of the United States	May	1
	August	1
Engineering Foundation		
Pre-proposals	No	Deadline
Epilepsy Foundation of America		
Clinical Research Fellowships	September	1
Research Grant Application	September	1
Gas Research Foundation		
Telephone contact or letter of inquiry prior to submission of formal proposal	No	Deadline
International Research and Exchange Board		
Travel Grants for Senior Scholars	April	30
Japan/United States Educational Commission		
Japan Fulbright Program		
Recent Graduates	October	31
Senior Scholars and Professionals	September	15
Kellogg Foundation		
Expanding Opportunities for Adult Continuing Education	Continuous	
Health Promotion and Disease Prevention Programs	Continuous	
Coordinated, Cost-Effective Health Service Programs	Continuous	
Improving Human Well Being through Productive Agriculture	Continuous	
Fostering Leadership Capacity	Continuous	
Leukemia Society of America		
Scholar Program	September	1
Special Fellow Program	September	1
Fellow Program	September	1
March of Dimes Birth Defects Foundation		
Basil O'Connor Starter Research Grants	Continuous	
Reproductive Hazards in the Workplace	June	1
Clinical (Abstract by May 15)	August	1
Social and Behavioral Sciences (Abstract by May 1)	September	1
Basic	October	1
Mathers Charitable Foundation	Continuous	

Minnesota Humanities Commission		
General Grants		
Draft Application	April	13
	July	20
	October	19
Final Application (for April 13 draft)	May	4
(for July 20 draft)	August	10
(for October 19 draft)	November	9
Small Grants	No	Deadline
Media Grants		
Application Review	July	13
Final Application	May	4
	August	10
	November	9
Minnesota Medical Foundation	June	30
Charles Stewart Mott Foundation (Letter of inquiry)	No	Deadline
Muscular Dystrophy Association		
Grants-in-Aid		
Request Application	May	31
Final Application	June	30
Fellowship Program		
Request Application	May	31
Final Application	June	30
Clinical Research Grant Program		
Request Application	May	31
Final Application	June	30
National Dairy Council (Letter of intent)	May	1
National Geographic Society		
Grants-in-Aid	No	Deadline
National Multiple Sclerosis Society		
Research Grants	August	1
Puritan Bennett Foundation		
(formerly Parker B. Frances Foundation)		
Fellowships in Pulmonary Research	September	15
Research Corporation		
(Recommend submission 60 to 120 days prior to agency reviews in October, February and May)	No	Deadline
Southeastern Poultry and Egg Association	No	Deadline
Technicon Instruments Corporation		
Grants for Research in Biomedical and Industrial Instrumentation		
Pre-proposals	No	Deadline
University Genetics Company (UGEN)	No	Deadline
Villers Foundation	No	Deadline

The University of Minnesota is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, creed, color, sex, national origin, or handicap.

Office of Research Administration
Administrative Services Center, 5th Floor
919 University Avenue
University of Minnesota
St. Paul, Minnesota 55104

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NATIONAL INSTITUTES OF HEALTH (NIH) POLICY ON REPORTING AND DISTRIBUTION OF UNIQUE BIOLOGICAL MATERIALS PRODUCED WITH NIH FUNDING

NIH has issued a notice emphasizing its policy that all unique or novel biological materials developed through the expenditure of NIH funds should be made readily available to other researchers and the general public after publication of the associated research findings or announcement at conferences. Some examples of these materials are: specialized and/or genetically defined cells, including normal and diseased human cells; monoclonal cell lines; hybridoma cell lines; microbial cells and products; viruses and viral products; and recombinant nucleic acid molecules. Investigators are encouraged to consult their NIH Health Scientist Administrator for assistance in determining an appropriate distribution mechanism. In addition, invention of unique or novel biological materials or their products for which a demonstrated use exists, or which have a potential for commercial development, must be promptly reported to NIH. Examples of potentially reportable inventions in the areas of molecular and cell biology include synthesis of molecules with unique properties; special tests, assays or components (diagnostic tests); and cells or products of cells. Investigators wishing to attempt to patent these materials should use the usual criteria for reporting and patenting inventions. The full text of the notice may be obtained from ORA by calling 373-5925.

NATIONAL INSTITUTE ON DRUG ABUSE (NIDA) FY 1985 RESEARCH FUNDING PRIORITIES

The National Institute on Drug Abuse has issued a summary for fiscal year 1985 of research funding priorities. A listing of the priorities may be obtained from ORA by calling 373-5925.

NATIONAL ENDOWMENT FOR THE HUMANITIES (NEH) - SPECIAL INITIATIVE FOR THE BICENTENNIAL OF THE UNITED STATES CONSTITUTION

New categories within each of the NEH divisions have been established to promote the study and public appreciation of the history and principles of the Constitution. Studies may address any part of the whole range of philosophical and historical questions raised by the Constitution and the founding period. Applications for this special initiative are to be directed to the various NEH divisions, are expected to meet divisional guidelines, and will be accepted according to the divisional deadlines (see NEH Deadline section of Newsletter). Further information may be obtained from the various NEH divisions.

NATIONAL ENDOWMENT FOR THE ARTS - MEDIA ARTS: RADIO PROJECTS

The Radio Section of the Media Arts Program supports outstanding single productions and series for radio broadcast, radio workshops and residencies, radio facilities, conferences, research, and other services involving radio. The emphasis is on innovative approaches to and uses of the radio medium which indicate an awareness of radio as an art form with its own history and traditions. For further information, contact Radio Section, Media Arts, National Endowment for the Arts, Nancy Hanks Center, 1100 Pennsylvania Avenue NW, Washington, DC 20506, (202) 682-5452. Postmark Deadline: July 20, 1984.

NATIONAL INSTITUTE OF JUSTICE SOLICITATION: IMPROVING EVIDENCE GATHERING THROUGH POLICE AND PROSECUTOR COORDINATION

Proposals are requested for experimental research designed: (1) to develop, implement and assess new methods of improving felony case evidence gathering and preparation or, (2) to evaluate the effects of an already existing program or policy aimed at enhanced felony case evidence gathering and preparation. A copy of the solicitation may be obtained by sending a self addressed mailing label to: Announcement Request, Improving Evidence Gathering, National Criminal Justice Reference Service, Box 3000, Rockville, MD 20850. Proposals must be received by June 1, 1984.

PFIZER SCHOLARS PROGRAM FOR NEW FACULTY

Pfizer Pharmaceuticals, recognizing the need to sustain and enhance the quality of research among medical faculty, is initiating the Pfizer Scholars Program for New Faculty, which seeks to help young research-oriented scholars. The objective is to provide an opportunity for developing the research potential of physicians during the years just after completing their formal training. The awards are for basic research in the areas of cardiovascular medicine, diabetes, infectious diseases, rheumatology and biological psychiatry, and will be awarded to promising physicians who have, or will have, a full-time university faculty appointment. The applicant must be sponsored by his/her department chairman. A medical school may submit up to five applications, but only one for each of the five stated specialty areas. Further information may be obtained from ORA by calling 373-1970.

OFFICE OF INTERNATIONAL PROGRAMS DEADLINE INFORMATION

The Office of International Programs (OIP) has information, including deadline dates, on major faculty/student fellowship and grant programs which support international activities. For further information, please contact the OIP at 373-3793.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, agency deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

THE ORA CONTACT NUMBERS FOR FEDERAL DEADLINE/PROGRAM INFORMATION ARE AS FOLLOWS:

DEPARTMENT OF HEALTH AND HUMAN SERVICES	373-5925
DEPARTMENT OF EDUCATION	373-5925
OTHER FEDERAL AGENCIES	373-2771

NATIONAL INSTITUTES OF HEALTH

Fogarty International Center, Eastern European Scientist Exchange Program	Open	
Fogarty Senior International Fellowships, 1985-86	June	1
Fogarty, Biomedical Research Fellowship Opportunities Abroad:		
Alexander von Humboldt Awards (West Germany)	Open	
French NIH and Medical Research Postdoctoral Fellowships (France)	October	1
NIH-French National Center for Scientific Research Exchange (France/U.S.)	October	1
Irish Medical Research Council Postdoctoral Fellowships (Ireland)	October	1
Swedish Medical Research Council Fellowships (Sweden)	October	1
Swiss National Foundation Postdoctoral Fellowships (Switzerland)	October	1
Fogarty International Center, Academy of Finland Post-doctoral Research Fellowships	October	1
Fogarty International Center, Norwegian Research Council for Science and the Humanities Postdoctoral Fellowships	October	1
NCI, RFA: 84-CA-02, Biochemical Epidemiology	May	15
NCI, Cancer Control Small Grants Research Program	May	15
NCI, Cancer Education Program	June	1
NCI, The NCI Clinical Investigator Award	June	1
NCI, Smoking Prevention Program for Minorities (Letter of intent by 5/15/84)	June	15
NCI, Surgical Oncology Research:		
Individual Research Grants	July	1
Program Project Grants	June	1
NCI, Vascular and Lymphatic Invasion of Breast Cancer	July	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines	July	1
NCI, Determination of the Therapeutic Usefulness of Purified Cytokines and Anti-Cytokine Monoclonal Antibodies in Cancer Models	July	1
NCI, Development of Genetically Engineered Cell Products	July	1
NCI, Use of Tumor Associated Antigens as Immunogens	July	1
NCI, Use of Growth Factors, Maturation Factors and Anti-Growth Factors in Animal Tumor Models	July	1
NCI, The NCI Outstanding Investigator Grant (Letter of intent by 5/1)	July	15
NCI, Cancer Control Research Unit (Letter of intent by 7/2)	December	3
NEI, Vergence Eye Movement	July	1
NEI, Molecular Research: Strabismus, Amblyopia and Visual Processing	July	1
NEI, Research on Basic Mechanisms of Retinal Phototoxicity	July	1
NEI/NIAID, Immunological Aspects of Ocular Disease	July	1

NHLBI, Clinical Investigator Award	June	1
NHLBI, RFA: 84-HL-13-B, Specialized Centers of Research in Transfusion Medicine, National Research and Demon- stration Center in Transfusion Medicine	June	15
NHLBI/NICHD, Hypertension in Pregnancy	July	1
NHLBI, Surfactants for Perflurochemicals	July	1
NHLBI, Protection of the Immature Myocardium During and Following Cardiac Surgery	July	1
NHLBI, Mechanisms of Biobehaviorally Induced Ventricular Arrhythmias and Sudden Cardiac Death	July	1
NHLBI, Biobehavioral Sequellae of Antihypertensive Therapies	July	1
NIA, 84-AGDN-01, Clinical Trials of Behavioral Therapies for Urinary Incontinence in the Elderly	May	20
NIA/Division of Nursing-HRSA, Behavioral Therapies for Urinary Incontinence in the Elderly	May	30
NIA Program Project Research Grants	June	1
NIA/NIAID/NIADDK/NICHD/NIDR/NIEHS/NEY/NHLBI, Physician Scientist Award	June	1
NIA Small Grant Awards for Pilot Projects	June	1
NIA, Special Emphasis Research Career Award for Social and Behavioral Scientists in Behavioral Geriatrics Research	June	1
NIA, Cellular Aging Research: Differentiated Cells in Culture:		
New Investigator Research Award	July	1
Research Grants	July	1
Institutional Training Grants	June	1
Individual Postdoctoral Fellowships	June	1
Program Project Grants	June	1
Clinical Investigator Awards	June	1
Research Career Development Awards	June	1
NIA, Social And Behavioral Research on Aging:		
New Investigator Research Award	July	1
Research Grants	July	1
Institutional Training Grants	June	1
Program Project Grants	June	1
Research Career Development Awards	June	1
Small Grants	June	1
NIA, Health Functioning in Middle and Later Years:		
New Investigator Research Award	July	1
Research Grants	July	1
Institutional Training Grants	June	1
Program Project Grants	June	1
Research Career Development Awards	June	1
Small Grants	June	1
NIA, Aging and Visual Perception:		
New Investigator Awards	July	1
Research Project Grants	July	1
Individual Postdoctoral Fellowships	June	1
Institutional Training	June	1
NIA, Health Behaviors and Aging: Behavioral Geriatrics Research:		
New Investigator Awards	July	1
Research Grants	July	1
Individual Postdoctoral Fellowships	June	1
Program Project Grants	June	1

NIA, Social Environments Influencing Health and Effective Functioning in the Middle and Later Years:		
New Investigator Awards	July	1
Research Grants	July	1
Individual Postdoctoral Fellowships	June	1
Program Project Grants	June	1
NIA, Genetics, Molecular and Cellular Biology Programs	July	1
NIA/NIAID/NIADDK/NCI/NICHD/NIDR/NIEHS/NEY/NIGMS/NHLBI/NINCDS, Research Grants for Clinical Testing of Orphan Products for Rare Diseases	July	1
NIADDK/NIA, Research on Anorectal Diseases and Disorders:		
New Investigator Awards	July	1
Research Career Development Awards	June	1
Research Projects	July	1
Institutional Training Projects	June	1
NIADDK, The Immune Base of Renal Disease	July	1
NIADDK/NIAID/NCI/NICHD/NIGMS, Liver Transplantation Research	July	1
NIADDK/NCI/NHLBI/NICHD/NIA/NINCDS, Research on Obesity	July	1
NIADDK, Preservation of Donor Livers and Assessment of Their Function	July	16
NIAID, RFA: 84-AI-03, Program Projects on Mechanisms of Immunologic Diseases (Letter of intent by 3/15/84)	June	15
NIAID/NINCDS/NIA, Persistent Viral Infections-Alzheimer's Disease	July	1
NIAID/NINCDS, Research Grants in the Field of Nervous System Modulation of Immune Responses and Interactions Between the Nervous and Immune Systems	July	1
NIAID, RFA: 84-AI-02, Asthma and Allergic Disease Centers and Asthma and Allergic Disease Centers for Immunodermatologic Studies (Letter of intent by 7/15/84)	October	15
NICHD, Clinical Investigator Award	June	1
NICHD, Behavioral/Biomedical Interdisciplinary Research Training:		
Institutional Grant	June	1
Individual Postdoctoral Fellowships	June	1
NIDR, Small Grant Program	June	1
NIDR, RFA: 84-DE-03, Oral Health and Behavior Research Centers	June	15
NIDR, RFA: 84-DE-04, National Research Service Awards for Institutional, Postdoctoral Training Programs in Caries Research	June	15
NIEHS, Special Program Areas of Interest: A) Alternative Designs of Standard Cancer Bioassay; B) Studies Relating Human Health Effects to PBB; C) Immunotoxicology of Environmental Agents; D) Biological Effects of Chemical Interactions; E) Environmental Medicine	July	1
NIEHS, New Investigator Research Award Program	July	1
NIGMS, Medical Scientist Training (MST) Program	June	1
NIH, Research Grants, Renewals	June	1
NIH, Research Career Development Awards	June	1
NIH, Individual Postdoctoral Fellowships	June	1
NIH, Institutional Training Programs	June	1
NIH, Support of Meetings (Scientific, U.S.A. or International)	June	1
NIH, DRR, NMR Resources, Biotechnology Resources Program	June	1

NIH, DRR, Intermediate Voltage Electron Microscopy and Image Analysis Resources (Biotechnology Resources Program)	June	1
NIH, Research Grants, New	July	1
NIH, New Investigator Awards	July	1
NINCDS, Teacher-Investigator Development Award	June	1
NINCDS, Individual Postdoctoral Fellowships: Speech and/or Language Disorders	June	1
NINCDS, Research Grants Related to Basic Mechanisms in Phakomatoses	July	1
NINCDS, Cerebrovascular Disease Related to Stroke	July	1
NINCDS, The Biology of Neurodegenerative Disorders	July	1
NINCDS, Osteosclerosis and Elderly Progressive Deafness	July	1

NIH ANNUAL DEADLINES

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <u>for each</u> : School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
NEY/NHLBI/NIAID/NIAMDD/NICHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1
NHLBI, Preventive Cardiology Academic Award	April	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1
NIA, Academic Award	July	1
NIADDK/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1
NICHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIGMS, NIGMS Shared Instrumentation Grants	February	15
NIH, NRSA for Short-Term Training of Students in Health Professional Schools (Limited to one application per health professional school for a given receipt date)	February	1

CENTERS FOR DISEASE CONTROL

NIOSH, Occupational Safety and Health, Small Research Grants	June	1
NIOSH, Research and Demonstrations Relating to Occupational Safety and Health:		
Regular Research	July	1
Small Grants	June	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, Renewals	June	1
ADAMHA, Individual Postdoctoral Fellowships	June	1
ADAMHA, Institutional Training Grants, NRSA	June	1
ADAMHA, Research Scientist Development/Research Scientist Award	June	1
ADAMHA, Research Grants, New	July	1
ADAMHA, Research on the Prevention of ADM Disorders in Children and Adolescents	July	1
NIAAAA/NIDA/NIMH, Individual NRSA	June	1

NIAAA/NIDA/NIMH, Institutional NRSA Training	June	1
NIDA, Youth Drug Abuse Treatment Research Grants	July	1
NIDA, Family Therapy and Prevention Research	July	1
NIDA, Drug Abuse Prevention Research	July	1
NIDA, Heroin and Narcotics	July	1
NIDA, Marijuana and Cannabinoids	July	1
NIDA, Cocaine and Stimulants	July	1
NIDA, Sedatives and Tranquilizers	July	1
NIDA, Hallucinogens	July	1
NIDA, Epidemiology Research	July	1
NIMH, Geriatric Mental Health Award	July	1
NIMH, Rape Centers	June	1
NIMH, Clinical Investigator Award	July	1
NIMH, Research Grants Program	July	1
NIMH, Physician Scientist Award	July	1
NIMH, Antidepressant Drugs in the Treatment of Anxiety Disorders	July	1
NIMH, Psychodynamic Treatment of Nonpsychotic Disorders	July	1
NIMH/NIDA, Research on Obesity	July	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Conference Grants (Preliminary submission required prior to formal application)	Open	
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FOOD AND DRUG ADMINISTRATION

Research Grants, New	July	1
Research Grants, Renewals	June	1

HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants	November	5
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DEPARTMENT OF EDUCATION

State Vocational Rehabilitation Unit In-Service Training Program	May	15
NIHR, Research in Education of the Handicapped Program - Field Initiated	May	21
NIHR, Research and Demonstration Program - Field Initiated Program	May	21
Retirement Policy Studies	May	29
Discretionary Program-Unsolicited Grants	August	1

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Home Health Services and Training-Training Projects	May	15
Nursing Research Program Grants	June	1
Bureau of Health Professions, Grants for Utilization of Research in Nursing Practice, Nursing Services	June	1
Nursing Research Emphasis Grants for Doctoral Programs in Nursing	July	1
Nursing Research Project Grants	July	1
Bureau of Health Professions, New Investigator Nursing Research Awards	July	1
Advanced Nurse Training Grants	July	1

Nurse Practitioner Training Grants	July	1
Nurse Special Project Grants	July	1
Maternal and Child Health Research	August	1

OFFICE OF FAMILY PLANNING

Family Planning Services Delivery Improvement	June	1
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NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

U.S.-Federal Republic of Germany Cooperative Science. Joint research, seminars, and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Switzerland Cooperative Science. Joint research, seminars and long-term research visits. Contact Dr. Warren Thompson (202) 357-9700	June	1
U.S.-Japan Cooperative Science. Joint seminars (NSF 81-58). Proposals for cooperative research and joint seminar activities are due prior to deadline dates; proposals for long-term visits (6-12 months) are accepted throughout the year. Contact Dr. Charles Wallace (202) 357-9537	June	1
U.S.-India International Travel Support (NSF 82-86). Scientists of both U.S. and India are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	June	1
U.S.-Pakistan International Travel Support (NSF 80-49). Scientists of both U.S. and Pakistan are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	June	1
U.S.-Korea Cooperative Science (NSF 83-50). Proposals for long-term visits and cooperative research only. Contact Dr. Gerald A. Edwards (202) 357-9537	July	1
U.S.-East Asia Cooperative Science. Philippine component only (NSF 83-50). Proposals for long-term visits, cooperative research, and seminars and workshops. Contact Dr. Gerald A. Edwards (202) 357-9537	July	1
Ship Operations Support (NSF 81-18). Shipboard Technicians (NSF 81-23), Oceanographic Instrumentation (NSF 81-25), and Shipboard Scientific Support Equipment (NSF 81-26). Contact Mr. Ronald La Count (202) 357-7837	July	1
Small Business Innovation Research. Contact Mr. Roland Tibbetts or Mr. Ritchie Coryell (202) 357-7527	July	15
Information Science and Technology. Special Research Initiation Awards for New Investigators (NSF 81-34 and 81-69). Contact Dr. Edward Weiss (202) 357-9572	August	1
VLSI (Very Large Scale Integration) Fast Turnaround Fabrication Service for Universities (NSF 83-43). Contact Dr. Andrew Molnar (202) 357-7539	August	1

U.S.-Pakistan International Travel Support (NSF 80-49). Scientists of both U.S. and Pakistan are eligible. Contact Dr. Jean Johnson, or Dr. Osman Shinaishin (202) 357-9402	September 1
U.S.-India International Travel Support (NSF 82-86). Scientists of both U.S. and India are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	September 1
U.S.-Scandinavia and The Netherlands Cooperative Science. Joint research, seminars and long-term research visits. Contact Mr. Henryk Uznanski (202) 357-7554	September 1
U.S.-India Exchange of Scientists (NSF 78-66 and 82-86). U.S. senior scientists only submit to NSF; India scientists, to the Indian Council of Scientific Industrial Research. Contact Mr. Eugene Pronko (202) 357-9550 or Dr. Osman Shinaishin (202) 357-9402	September 15
U.S.-New Zealand Cooperative Science (NSF 81-50). All proposals for projects with requested effective dates falling between July 1 and December 31, 1985. Contact Mr. Alan Milsap (202) 357-9537	October 1
U.S.-Australia Cooperative Science (NSF 81-49 Rev. 1/82). Seminar, cooperative research exchange, and no-cost proposals with requested effective dates falling between July 1 and December 31, 1985. Contact Mr. Alan Milsap (202) 357-9537	October 1
U.S.-Israel Binational Science Foundation (BSF). Proposals should not be submitted to NSF; send to BSF in Jerusalem. Contact Dr. R. R. Ronkin (202) 357-7613	November 15

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

U.S. Antarctic Research. Request special proposal kit. Contact Mr. Guy Guthridge (202) 357-7817	June 1
Metabolic Biology. Contact Dr. William van Robertson (202) 357-7987	June 1
Ocean Sciences Research. Contact Dr. Robert Wall (202) 357-7924	June 15
Ecology. Contact Dr. Nancy Stanton (202) 357-9734	June 15
Systematic Biology. Contact Dr. Lloyd Knutson (202) 357-9588	June 15
Population Biology and Physiological Ecology. Contact Dr. Louis Pitelka (202) 357-9728	June 15
Social and Developmental Psychology. Contact Dr. Jean Intermaggio (202) 357-9485	July 1
Earth Sciences Research Equipment (NSF 83-28). Contact Dr. Ian MacGregor (202) 357-9591	July 1
Earth Sciences: Stratigraphy and Paleontology; Environ- mental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	July 1
Biochemistry. Contact Dr. Mary Kirtley (202) 357-7945	July 2
Biophysics. Contact Dr. Kin-Ping Wong (202) 357-7777	July 2
Cellular Physiology. Contact Dr. Judith Willis (202) 357-7377	July 2

Cell Biology. Contact Dr. Wallace LeSturgeon (202) 357-7474	July	2
Developmental Biology. Contact Dr. Clifton Poodry or Dr. Jane Peterson (202) 357-7989	July	2
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	July	2
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	July	2
Anthropology. Does not include Doctoral Dissertation proposals. Contact Dr. John Yellen (202) 357-7804	August	1
Linguistics. Contact Dr. Paul Chapin (202) 357-7696	August	1
Neurobiology. Contact Dr. Nathaniel Pitts (202) 357-7471	August	1
Psychobiology. Contact Dr. Fred Stollnitz (202) 357-7949	August	1
Memory and Cognitive Processes. Contact Dr. Joseph Young (202) 357-9898	August	1
Climate Dynamics. Contact Dr. Hassan Virji (202) 357-9892	August	1
Sensory Physiology and Perception. Contact Dr. James Larimer (202) 357-7428	September	1
Economics. Contact Dr. Daniel Newlon, Dr. Lynn Pollnow or Mr. James Slaugh, Jr. (202) 357-9675	September	1
Geography and Regional Science. Contact Dr. George Demko (202) 357-7441	September	1
Measurement Methods and Data Resources. Contact Dr. Murray Aborn or Dr. Sara Nerlove (202) 357-7913	September	1
Sociology. Contact Dr. Joanne Miller or Ms. Dorothy Greene (202) 357-7802	September	1
History and Philosophy of Science. Contact Dr. Ronald Overmann or Ms. Bonney Sheahan (202) 357-9677	September	1
Political Science. Contact Dr. Frank Scioli, Jr. or Dr. William Mishler (202) 357-9406	September	1
Law and Social Science. Contact Dr. Felice Levine or Ms. Dorothy Greene (202) 357-9567	September	1
Decision and Management Science. Contact Dr. Trudi Miller (202) 357-7569	September	1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg (202) 357-7417	September	1
Science in Developing Countries (NSF 83-58). Contact Sub-Saharan Africa: Mr. Robert Bell (202) 357-9550; South and West Asia: Dr. Osman Shinaishin (202) 357-9402; East Asia: Dr. Gordon Hiebert (202) 357-9537; Latin America and Caribbean: Ms. Christine French (202) 357-9563	September	1
U.S.-East Asia Cooperative Science. Indonesia, Malaysia, Singapore, Thailand (NSF 81-30). Contact Dr. Gordon Hiebert (202) 357-9537	September	1
Ocean Sciences Instrumentation Development. Request the brochure, <i>Proposals for Ocean Sciences Instrumenta tion Development</i> , from Mr. H. Lawrence Clark (202) 357-7837	September	1
Arctic Research (NSF 82-33). Contact Mr. Guy Guthridge (202) 357-7817	September	1
Biological Instrumentation. Multi-user instrument or instrument development (NSF 83-19). Contact Dr. Arthur Kowalsky (202) 357-7652	September	30
Ecology. Contact Dr. Nancy Stanton (202) 357-9734	October	1
Systematic Biology. Contact Dr. Lloyd Knutson (202) 357-9588	October	1

Population Biology and Physiological Ecology. Contact Dr. Louis Pitelka (202) 357-9728	October	1
Doctoral Dissertation Research. Contact Dr. James Edwards (202) 357-9588	October	15

NATIONAL ENDOWMENT FOR THE HUMANITIES

The following deadline dates are subject to change and potential applicants are encouraged to contact the appropriate program office. Earliest project date (where applicable) and telephone contact information follow each entry.

Division of Fellowships and Seminars

Fellowships: Independent Study/Research-January 1985 (202) 786-0466	June	1
Fellowships: College Teachers-January 1985 (202) 786-0466	June	1
Summer Stipends-Summer 1985 (202) 786-0466	October	1
Constitutional Programs-January 1985 (202) 786-0466	June	1
Faculty Studies Graduate Programs-January 1985 (202) 786-0466	June	7

Division of Research Programs

Reference Works, Translations-April 1985 (202) 786-0213	July	1
Reference Works, Tools-July 1985 (202) 786-0210	October	1
Reference Works, Editions-July 1985 (202) 786-0215	October	1
Constitutional Programs (202) 786-0204	November	1

Division of General Programs

Special Projects, Youth Projects-January 1985 (202)786-0271	June	15
Constitutional Programs (202) 786-0438	August	1
Younger Scholars Program-June 1985 (202) 786-0271	September	15
Humanities Projects in Museums-July 1985 (202) 786-0278	October	31

Office of Challenge Grants

Constitutional Programs (202) 786-0361	June	1
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Division of Education Programs

Constitutional Programs (202) 786-0377	June	15
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Office of Planning and Policy Assessment

Constitutional Programs (202) 786-0420	August	1
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NATIONAL ENDOWMENT FOR THE ARTS

Media Arts: Radio Projects (202) 682-5452	July	20
Literature (202) 682-5451		
Literary Magazines	August	10
Assistance to Small Presses	September	13

U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT

Social Marketing of Contraceptives in Pakistan	June	1
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OFFICE OF NAVAL RESEARCH

Selected Research Opportunities - Phase IV	May	15
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NATIONAL INSTITUTE OF JUSTICE

Unsolicited Research Program	June	1
Improving Evidence Gathering Through Police and Prosecutor Coordination	June	1

NONFEDERAL

THE ORA CONTACT NUMBER FOR NONFEDERAL DEADLINE/PROGRAM INFORMATION IS 373-1970.

AARP Andrus Foundation	June	1
American Cancer Society Regular Clinical Fellowship Final Application	July	1
American Chemical Society - Petroleum Research Fund Grants-in-Aid	No Deadline	
American Heart Association Established Investigatorships Clinician-Scientist Award British-American Research Fellowships Medical Student Research Fellowships	July July July July	1 1 1 1
American Philosophical Society Grants-in-Aid	Various--Contact ORA	
Center for Field Research (Earthwatch) Latin America Field Research Grants	No Deadline	
Cystic Fibrosis Foundation Research Scholar Awards New Investigator Research Grants Research Grants Research Fellowships Clinical Fellowships Student Traineeships	September September September September October October	1 1 1 1 1 1
Damon Runyon Walter Winchell Cancer Fund Fellowship Grants Human Cancer-Directed Fellowship Grants	August August	15 15
Deafness Research Foundation	July	15
Distilled Spirits Council of the United States	August	1
Engineering Foundation Pre-proposals	No Deadline	
Epilepsy Foundation of America Clinical Research Fellowships Research Grant Application	September September	1 1
Gas Research Foundation Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline	
Japan/United States Educational Commission Japan Fulbright Program Recent Graduates Senior Scholars and Professionals	October September	31 15
Kellogg Foundation Expanding Opportunities for Adult Continuing Education Health Promotion and Disease Prevention Programs Coordinated, Cost-Effective Health Service Programs Improving Human Well Being through Productive Agriculture Fostering Leadership Capacity	Continuous Continuous Continuous Continuous Continuous	

ORA RDC Newsletter

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VOLUME XIII/NO. 12

REVISION OF BA FORM 23 AND PROCEDURAL CHANGES IN PROCESSING BA FORM 22

ORA has revised its BA Form 23, "Application for External Research or Training Support." The revised form should be available from the General Storehouse by June 1, 1984. Departments are requested to destroy their previous forms and use only those with the May 1984 revision date. The significant changes to the form are (1) Item 7 - the inclusion of a question relative to patentable inventions, and (2) Item 10b - the new procedure to be followed when warm-blooded animals are used. Effective immediately, the new procedure requires that a completed BA Form 22, "Animal Usage Form," be submitted to ORA with all applications for new projects involving the use of warm-blooded animals. ORA will now be responsible for monitoring the receipt of this form, and will be absorbing the cost of both the BA Form 23 and the BA Form 22. Orders should continue to be placed through the General Storehouse, but departments will no longer be charged.

NATIONAL SCIENCE FOUNDATION (NSF) - PRESIDENTIAL YOUNG INVESTIGATOR AWARDS

The Presidential Young Investigator awards provide cooperative research support for promising young science and engineering faculty. Up to 200 awards will be made in FY 1985. Science and engineering faculty who have received their doctorates within the last six years are eligible. These awards will provide initial support of \$25,000 per year and may provide as much as \$100,000 per year on a dollar-for-dollar matching basis with sponsoring institutions and other contributors. For further information, contact the NSF, Science Education Division, (202) 357-7536. Deadline: July 2, 1984.

FELLOWSHIPS TO SUPPORT RESEARCH IN INDIA

Because the University of Minnesota is a member of the American Institute of Indian Studies, faculty and Ph.D. candidates may apply for fellowships to support research in India. Fellowships are available both to specialists in Indian studies and to scholars in other academic fields. Application deadline is July 1 for grants to commence after June 1, 1985. For further information, contact Frederick M. Asher, 373-9834.

SPONSOR DEADLINES FOR RECEIPT OF APPLICATIONS

Following is a list of some, but not all, agency deadlines occurring within the next few months. All grant applications must be processed through the appropriate academic department, college and the Office of Research Administration with a completed BA Form 23, "Application for External Research or Training Support."

FEDERAL

THE ORA CONTACT NUMBERS FOR FEDERAL DEADLINE/PROGRAM INFORMATION ARE AS FOLLOWS:

DEPARTMENT OF HEALTH AND HUMAN SERVICES	373-5925
DEPARTMENT OF EDUCATION	373-5925
OTHER FEDERAL AGENCIES	373-2771

NATIONAL INSTITUTES OF HEALTH

Fogarty International Center, Eastern European Scientist Exchange Program	Open	
Fogarty, Biomedical Research Fellowship Opportunities Abroad:		
Alexander von Humboldt Awards (West Germany)	Open	
French NIH and Medical Research Postdoctoral Fellowships (France)	October	1
NIH-French National Center for Scientific Research Exchange (France/U.S.)	October	1
Irish Medical Research Council Postdoctoral Fellowships (Ireland)	October	1
Swedish Medical Research Council Fellowships (Sweden)	October	1
Swiss National Foundation Postdoctoral Fellowships (Switzerland)	October	1
Fogarty International Center, Academy of Finland Post-doctoral Research Fellowships	October	1
Fogarty International Center, Norwegian Research Council for Science and the Humanities Postdoctoral Fellowships	October	1
NCI, Smoking Prevention Program for Minorities (Letter of intent by 5/15/84)	June	15
NCI, Surgical Oncology Research:		
Individual Research Grants	July	1
NCI, Vascular and Lymphatic Invasion of Breast Cancer	July	1
NCI, Development of Cell Lines Producing Lymphokines and Cytokines	July	1
NCI, Determination of the Therapeutic Usefulness of Purified Cytokines and Anti-Cytokine Monoclonal Antibodies in Cancer Models	July	1
NCI, Development of Genetically Engineered Cell Products	July	1
NCI, Use of Tumor Associated Antigens as Immunogens	July	1
NCI, Use of Growth Factors, Maturation Factors and Anti-Growth Factors in Animal Tumor Models	July	1
NCI, The NCI Outstanding Investigator Grant (Letter of intent by 5/1)	July	15
NCI, RFA-84-CA-11, Obesity and Cancer Risk in Women	July	27
NCI, Cancer Education Program	October	1
NCI, The NCI Clinical Investigator Award	October	1

NCI, Cancer Control Research Unit (Letter of intent by 7/2)	December	3
NEI, Vergence Eye Movement	July	1
NEI, Molecular Research: Strabismus, Amblyopia and Visual Processing	July	1
NEI, Research on Basic Mechanisms of Retinal Phototoxicity	July	1
NEI/NIAID, Immunological Aspects of Ocular Disease	July	1
NHLBI, RFA: 84-HL-13-B, Specialized Centers of Research in Transfusion Medicine, National Research and Demonstration Center in Transfusion Medicine	June	15
NHLBI/NICHHD, Hypertension in Pregnancy	July	1
NHLBI, Surfactants for Perfluorochemicals	July	1
NHLBI, Protection of the Immature Myocardium During and Following Cardiac Surgery	July	1
NHLBI, Mechanisms of Biobehaviorally Induced Ventricular Arrhythmias and Sudden Cardiac Death	July	1
NHLBI, Biobehavioral Sequellae of Antihypertensive Therapies	July	1
NHLBI, School Health Promotion and Cardiovascular Health of Children and Adolescents	July	1
NHLBI, Research in Sickle Cell Disease: Pain Management in Sickle Cell Disease	July	1
NHLBI, RFA-NIH-NHLBI-84HL-14P, Minority Summer Program in Pulmonary Research	August	15
NHLBI, Research Training and Development Areas:		
Institutional Research Training Grant	October	1
Individual Postdoctoral Fellowship	October	1
Senior Research Fellowship	October	1
Research Career Development	October	1
Clinical Investigator Award	October	1
Physician Scientist Award	October	1
New Investigator Research Award	November	1
NHLBI, Clinical Investigator Award	October	1
NHLBI, Transfusion Medicine Academic Award	October	15
NIA, Cellular Aging Research: Differentiated Cells in Culture:		
New Investigator Research Award	July	1
Research Grants	July	1
NIA, Social and Behavioral Research on Aging:		
New Investigator Research Award	July	1
Research Grants	July	1
NIA, Health Functioning in Middle and Later Years:		
New Investigator Research Award	July	1
Research Grants	July	1
NIA, Aging and Visual Perception:		
New Investigator Awards	July	1
Research Project Grants	July	1
NIA, Health Behaviors and Aging: Behavioral Geriatrics Research:		
New Investigator Awards	July	1
Research Grants	July	1
NIA, Genetics, Molecular and Cellular Biology Programs	July	1
NIA/NIAID/NIADDK/NCI/NICHHD/NIDR/NIEHS/NEY/NIGMS/NHLBI/NINCDs, Research Grants for Clinical Testing of Orphan Products for Rare Diseases	July	1

NIA, Social Environments Influencing Health and Effective Functioning in the Middle and Later Years:		
New Investigator Awards	July	1
Research Grants	July	1
Individual Postdoctoral Fellowships	October	1
Program Project Grants	October	1
NIA/NIAID/NIADDK/NICHD/NIDR/NIEHS/NEY/NHLBI, Physician Scientist Award	October	1
NIA, Special Emphasis Research Career Award for Social and Behavioral Scientists in Behavioral Geriatrics Research	October	1
NIADDK, The Immune Base of Renal Disease	July	1
NIADDK/NIAID/NCI/NICHD/NIGMS, Liver Transplantation Research	July	1
NIADDK/NCI/NHLBI/NICHD/NIA/NINCDS, Research on Obesity	July	1
NIADDK, Preservation of Donor Livers and Assessment of Their Function	July	16
NIADDK/NIA, Research on Anorectal Diseases and Disorders:		
New Investigator Awards	July	1
Research Career Development Awards	October	1
Research Projects	July	1
Institutional Training Projects	October	1
NIAID, RFA: 84-AI-03, Program Projects on Mechanisms of Immunologic Diseases (Letter of intent by 3/15/84)	June	15
NIAID/NINCDS/NIA, Persistent Viral Infections-Alzheimer's Disease	July	1
NIAID/NINCDS, Research Grants in the Field of Nervous System Modulation of Immune Responses and Interactions Between the Nervous and Immune Systems	July	1
NIAID, RFA-84-AI-07, Program Projects on the Biology of the Immune System	August	1
NIAID, RFA: 84-AI-02, Asthma and Allergic Disease Centers and Asthma and Allergic Disease Centers for Immunodermatologic Studies (Letter of intent by 7/15/84)	October	15
NIDR, RFA: 84-DE-03, Oral Health and Behavior Research Centers	June	15
NIDR, RFA: 84-DE-04, National Research Service Awards for Institutional, Postdoctoral Training Programs in Caries Research	June	15
NIDR, Small Grant Program	October	1
NIEHS, Special Program Areas of Interest: A) Alternative Designs of Standard Cancer Bioassay; B) Studies Relating Human Health Effects to PBB; C) Immunotoxicology of Environmental Agents; D) Biological Effects of Chemical Interactions; E) Environmental Medicine	July	1
NIEHS, New Investigator Research Award Program	July	1
NIGMS, Medical Scientist Training (MST) Program	October	1
NIH, Research on Adolescent Family Life	June	22
NIH, Research Grants, New	July	1
NIH, New Investigator Awards	July	1
NIH, Research Grants, Renewals	October	1
NIH, Research Career Development Awards	October	1
NIH, Individual Postdoctoral Fellowships	October	1
NIH, Institutional Training Programs	October	1
NIH, Support of Meetings (Scientific, U.S.A. or International)	October	1
NIH, DRR, NMR Resources, Biotechnology Resources Program	October	1

NIH, DRR, Intermediate Voltage Electron Microscopy and Image Analysis Resources (Biotechnology Resources Program)	October	1
NINCDS, Research Grants Related to Basic Mechanisms in Phakomatoses	July	1
NINCDS, Cerebrovascular Disease Related to Stroke	July	1
NINCDS, The Biology of Neurodegenerative Disorders	July	1
NINCDS, Osteosclerosis and Elderly Progressive Deafness	July	1
NINCDS, RFA-84-NS-01, Multidisciplinary Research Centers for the Study of the Neurological Basis of Disorders of Language, Behavior, and Learning During Infancy and Early Childhood	October	1
NINCDS, Individual Postdoctoral Fellowships: Speech and/or Language Disorders	October	1

NIH ANNUAL DEADLINES

NCI, Preventive Oncology Academic Award (Limited to one non-renewable, five-year project period, award <u>for each</u> : School of Medicine, Osteopathy, Dentistry, Public Health)	September	1
NEY/NHLBI/NIAID/NIAMDD/NICHHD/NIDR/NINCDS/NIA: The Epidemiology of Diabetes	June	1
NHLBI, Research Training and Development Areas: Short-Term Research Training: Students in Health Professional Schools	February	1
Preventive Cardiology Award	April	1
Special Emphasis Research Career: Diabetes Mellitus	June	1
NHLBI, Preventive Cardiology Academic Award	April	1
NHLBI/NIAMDD, SERCA: Diabetes Mellitus-Cardiovascular, Metabolic and Endocrinologic Aspects	June	1
NIA, Academic Award	July	1
NIADDK/NIA, SERCA: Diabetes Mellitus in the Elderly	October	1
NICHHD/NIAMDD, SERCA: Diabetes-Mellitus-Obstetrical, Perinatal, and Pediatric Aspects	June	1
NIGMS, NIGMS Shared Instrumentation Grants	February	15
NIH, NRSA for Short-Term Training of Students in Health Professional Schools (Limited to one application per health professional school for a given receipt date)	February	1

CENTERS FOR DISEASE CONTROL

NIOSH, Occupational Safety and Health, Small Research Grants	October	1
NIOSH, Research and Demonstrations Relating to Occupational Safety and Health: Regular Research	July	1

ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH

ADAMHA, Small Grants Program	Open	
ADAMHA, Research Grants, New	July	1
ADAMHA, Research on the Prevention of ADM Disorders in Children and Adolescents	July	1
ADAMHA, New Investigator Research Award in Prevention	July	1

ADAMHA, Research Grants, Renewals	October	1
ADAMHA, Individual Postdoctoral Fellowships	October	1
ADAMHA, Institutional Training Grants, NRSA	October	1
ADAMHA, Research Scientist Development/Research Scientist Award	October	1
NIAAA, Alcohol Research Grants	July	1
NIAAA, New Investigator Research Award	July	1
NIAAA/NIDA/NIMH, Institutional NRSA Training	October	1
NIDA, Youth Drug Abuse Treatment Research Grants	July	1
NIDA, Family Therapy and Prevention Research	July	1
NIDA, Drug Abuse Prevention Research	July	1
NIDA, Heroin and Narcotics	July	1
NIDA, Marijuana and Cannabinoids	July	1
NIDA, Cocaine and Stimulants	July	1
NIDA, Sedatives and Tranquilizers	July	1
NIDA, Hallucinogens	July	1
NIDA, Epidemiology Research	July	1
NIMH, Geriatric Mental Health Award	July	1
NIMH, Clinical Investigator Award	July	1
NIMH, Research Grants Program	July	1
NIMH, Physician Scientist Award	July	1
NIMH, Antidepressant Drugs in the Treatment of Anxiety Disorders	July	1
NIMH, Psychodynamic Treatment of Nonpsychotic Disorders	July	1
NIMH/NIDA, Research on Obesity	July	1
NIMH, Prevention Intervention Research Centers	July	1
NIMH, Rape Centers	October	1

NATIONAL CENTER FOR HEALTH SERVICES RESEARCH

Conference Grants (Preliminary submission required prior to formal application)	Open	
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FOOD AND DRUG ADMINISTRATION

Research on Minor Use Animal Drugs, Cooperative Agreements	June	29
Research Grants, New	July	1
Research Grants, Renewals	October	1

HEALTH CARE FINANCING ADMINISTRATION

Health Financing Research and Demonstration Grants	November	5
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DEPARTMENT OF EDUCATION

Recruitment and Information Program	June	20
Training Personnel for the Education of the Handicapped Program	July	2
Deaf-Blind Children and Youth, New Grants and Cooperative Agreements	July	2
Auxilliary Activities; Innovative Programs for Severely Handicapped Children	July	2
Secondary Education and Transitional Services for Handicapped Youth	July	6
Postsecondary Education Programs for Handicapped Persons	July	6
Discretionary Program-Unsolicited Grants	August	1

HEALTH RESOURCES AND SERVICES ADMINISTRATION

Bureau of Health Professions, Grants for Utilization of Research in Nursing Practice, Nursing Services	October	1
Nursing Research Emphasis Grants for Doctoral Programs in Nursing	July	1
Nursing Research Project Grants	July	1
Bureau of Health Professions, New Investigator Nursing Research Awards	July	1
Advanced Nurse Training Grants	July	1
Nurse Practitioner Training Grants	July	1
Nurse Special Project Grants	July	1
Maternal and Child Health Research	August	1
1985 WHO Fellowships for Travel/Study Abroad	September	30

OFFICE OF ADOLESCENT PREGNANCY

Adolescent Family Life	June	22
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NATIONAL SCIENCE FOUNDATION

Program Deadlines and Target Dates for Proposals: The following listing gives the dates on which proposals for grants are due at NSF in the next few months. Further information may be obtained by contacting the NSF staff members listed or ORA. Brochures indicated in parentheses may be requested. These dates are subject to change.

Program Deadlines for NSF Proposals: Proposals received after this cutoff date generally will be returned to the proposer.

U.S.-Korea Cooperative Science (NSF 83-50). Proposals for long-term visits and cooperative research only. Contact Dr. Gerald A. Edwards (202) 357-9537	July	1
U.S.-East Asia Cooperative Science. Philippine component only (NSF 83-50). Proposals for long-term visits, cooperative research, and seminars and workshops. Contact Dr. Gerald A. Edwards (202) 357-9537	July	1
Ship Operations Support (NSF 81-18). Shipboard Technicians (NSF 81-23), Oceanographic Instrumentation (NSF 81-25), and Shipboard Scientific Support Equipment (NSF 81-26). Contact Mr. Ronald La Count (202) 357-7837	July	1
Small Business Innovation Research. Contact Mr. Roland Tibbetts or Mr. Ritchie Coryell (202) 357-7527	July	15
Information Science and Technology. Special Research Initiation Awards for New Investigators (NSF 81-34 and 81-69). Contact Dr. Edward Weiss (202) 357-9572	August	1
VLSI (Very Large Scale Integration) Fast Turnaround Fabrication Service for Universities (NSF 83-43). Contact Dr. Andrew Molnar (202) 357-7539	August	1
U.S.-Pakistan International Travel Support (NSF 80-49). Scientists of both U.S. and Pakistan are eligible. Contact Dr. Jean Johnson, or Dr. Osman Shinaishin (202) 357-9402	September	1
U.S.-India International Travel Support (NSF 82-86). Scientists of both U.S. and India are eligible. Contact Dr. Jean Johnson or Dr. Osman Shinaishin (202) 357-9402	September	1

U.S.-Scandinavia and The Netherlands Cooperative Science. Joint research, seminars and long-term research visits. Contact Mr. Henryk Uznanski (202) 357-7554	September	1
U.S.-India Exchange of Scientists (NSF 78-66 and 82-86). U.S. senior scientists only submit to NSF; India scientists, to the Indian Council of Scientific Industrial Research. Contact Mr. Eugene Pronko (202) 357-9550 or Dr. Osman Shinaishin (202) 357-9402	September	15
U.S.-New Zealand Cooperative Science (NSF 81-50). All proposals for projects with requested effective dates falling between July 1 and December 31, 1985. Contact Mr. Alan Milsap (202) 357-9537	October	1
U.S.-Australia Cooperative Science (NSF 81-49 Rev. 1/82). Seminar, cooperative research exchange, and no-cost proposals with requested effective dates falling between July 1 and December 31, 1985. Contact Mr. Alan Milsap (202) 357-9537	October	1
U.S.-Israel Binational Science Foundation (BSF). Proposals should not be submitted to NSF; send to BSF in Jerusalem. Contact Dr. R. R. Ronkin (202) 357-7613	November	15

Target Dates for NSF Proposals: Proposals received after this cutoff date will be reviewed although they may miss a particular panel meeting.

Social and Developmental Psychology. Contact Dr. Jean Intermaggio (202) 357-9485	July	1
Earth Sciences Research Equipment (NSF 83-28). Contact Dr. Ian MacGregor (202) 357-9591	July	1
Earth Sciences: Stratigraphy and Paleontology; Environmental Geosciences; Crustal Structure and Tectonics; Seismology and Deep Earth Structure; Experimental and Theoretical Geophysics; Mantle Geochemistry; and Experimental and Theoretical Geochemistry. Contact Dr. James Hays (202) 357-7958	July	1
Biochemistry. Contact Dr. Mary Kirtley (202) 357-7945	July	2
Biophysics. Contact Dr. Kin-Ping Wong (202) 357-7777	July	2
Cellular Physiology. Contact Dr. Judith Willis (202) 357-7377	July	2
Cell Biology. Contact Dr. Wallace LeSturgeon (202) 357-7474	July	2
Developmental Biology. Contact Dr. Clifton Poody or Dr. Jane Peterson (202) 357-7989	July	2
Genetic Biology. Contact Dr. Philip Harriman (202) 357-9687	July	2
Regulatory Biology. Contact Dr. Bruce Umminger (202) 357-7975	July	2
Anthropology. Does not include Doctoral Dissertation proposals. Contact Dr. John Yellen (202) 357-7804	August	1
Linguistics. Contact Dr. Paul Chapin (202) 357-7696	August	1
Neurobiology. Contact Dr. Nathaniel Pitts (202) 357-7471	August	1
Psychobiology. Contact Dr. Fred Stollnitz (202) 357-7949	August	1
Memory and Cognitive Processes. Contact Dr. Joseph Young (202) 357-9898	August	1
Climate Dynamics. Contact Dr. Hassan Virji (202) 357-9892	August	1
Sensory Physiology and Perception. Contact Dr. James Larimer (202) 357-7428	September	1

Economics. Contact Dr. Daniel Newlon, Dr. Lynn Pollnow or Mr. James Slaugh, Jr. (202) 357-9675	September 1
Geography and Regional Science. Contact Dr. George Demko (202) 357-7441	September 1
Measurement Methods and Data Resources. Contact Dr. Murray Aborn or Dr. Sara Nerlove (202) 357-7913	September 1
Sociology. Contact Dr. Joanne Miller or Ms. Dorothy Greene (202) 357-7802	September 1
History and Philosophy of Science. Contact Dr. Ronald Overmann or Ms. Bonney Sheahan (202) 357-9677	September 1
Political Science. Contact Dr. Frank Scioli, Jr. or Dr. William Mishler (202) 357-9406	September 1
Law and Social Science. Contact Dr. Felice Levine or Ms. Dorothy Greene (202) 357-9567	September 1
Decision and Management Science. Contact Dr. Trudi Miller (202) 357-7569	September 1
Regulation and Policy Analysis. Contact Dr. Laurence Rosenberg (202) 357-7417	September 1
Science in Developing Countries (NSF 83-58). Contact Sub-Saharan Africa: Mr. Robert Bell (202) 357-9550; South and West Asia: Dr. Osman Shinaishin (202) 357-9402; East Asia: Dr. Gordon Hiebert (202) 357-9537; Latin America and Caribbean: Ms. Christine French (202) 357-9563	September 1
U.S.-East Asia Cooperative Science. Indonesia, Malaysia, Singapore, Thailand (NSF 81-30). Contact Dr. Gordon Hiebert (202) 357-9537	September 1
Ocean Sciences Instrumentation Development. Request the brochure, <i>Proposals for Ocean Sciences Instrumentation Development</i> , from Mr. H. Lawrence Clark (202) 357-7837	September 1
Arctic Research (NSF 82-33). Contact Mr. Guy Guthridge (202) 357-7817	September 1
Biological Instrumentation. Multi-user instrument or instrument development (NSF 83-19). Contact Dr. Arthur Kowalsky (202) 357-7652	September 30
Ecology. Contact Dr. Nancy Stanton (202) 357-9734	October 1
Systematic Biology. Contact Dr. Lloyd Knutson (202) 357-9588	October 1
Population Biology and Physiological Ecology. Contact Dr. Louis Pitelka (202) 357-9728	October 1
Doctoral Dissertation Research. Contact Dr. James Edwards (202) 357-9588	October 15

*NSF Proposals may be submitted for the following programs at any time of the year. It takes approximately six to nine months to process a proposal. Brochures indicated in parentheses may be ordered.

Biological Research Resources. Contact Dr. James Tyler (202) 357-7475	*
Ecosystem Studies. Contact Dr. Robert Woodmansee (202) 357-9596	*
U.S.-India Cooperative Science (NSF 82-86). Contact Dr. Osman Shinaishin, Dr. Jean Johnson (202) 357-9402 or Mr. Eugene Pronko (202) 357-9550	*

- U.S.-Pakistan Cooperative Science (NSF 80-49). Contact Dr. Osman Shinaishin, Dr. Jean Johnson (202) 357-9402 or Mr. Eugene Pronko (202) 357-9550 *
- U.S.-Sub-Saharan Africa Cooperative Science (NSF 83-58). Contact Mr. Robert Bell (202) 357-9550 *
- U.S.-New Zealand Cooperative Science. Letter-proposals for short-term visits (limited to airfare and three week per diem) to develop cooperative research in physical oceanography, air/sea interaction, marine geology, geophysics or biology (marine productivity). Contact Mr. Alan Milsap (202) 357-9558 *
- Honors Workshops for Precollege Teachers in Science and Mathematics (NSF 83-44). Contact Dr. Robert Watson (202) 357-7539 or Program Directors: Dr. Alexander Barton, Ms. Dorothy Deringer, Dr. Andrew Molnar, Dr. Theodore Reid (202) 357-7539 *
- Materials Development for Precollege Science and Mathematics (NSF 83-6). Contact Dr. Robert Watson (202) 357-7539 or Program Directors: Dr. Alexander Barton, Ms. Dorothy Deringer, Dr. Andrew Molnar, Dr. Theodore Reid (202) 357-7539 *
- Atomic, Molecular, and Plasma Physics. Contact Dr. Rolf Sinclair (202) 357-7997 *
- Elementary Particle Physics. Contact Dr. David Berley (202) 357-9575 *
- Gravitational Physics. Contact Dr. Richard Isaacson (202) 357-7979 *
- Intermediate Energy Nuclear Physics. Contact Dr. Hall Crannell (202) 357-7992 *
- Nuclear Physics. Contact Dr. William Rodney (202) 357-7992 *
- Theoretical Physics. Contact Dr. Boris Kayser (202) 357-7979 *
- Alternative Biological Resources. Contact Dr. H. Huang (202) 357-9782 *
- Industry/University Cooperative Research Projects (NSF 82-56). Contact Dr. Frederick Betz (202) 357-7785 or Mr. Alex Schwarzkopf (202) 357-7527 *
- Industry/University Cooperative Research Centers. Contact Mr. Robert Colton or Mr. Alex Schwarzkopf (202) 357-7527 *
- Minority Research Initiation (NSF 80-42). Contact Dr. Roosevelt Calbert (202) 357-7350 *
- Research in Information Science and Technology (NSF 81-34). Contact the Division of Information Science and Technology (202) 357-9572 *

NATIONAL ENDOWMENT FOR THE HUMANITIES

The following deadline dates are subject to change and potential applicants are encouraged to contact the appropriate program office. Earliest project date (where applicable) and telephone contact information follow each entry.

Division of Fellowships and Seminars

Summer Stipends-Summer 1985 (202) 786-0466

October 1

Division of Research Programs

Reference Works, Translations-April 1985

(202) 786-0213

July 1

Reference Works, Tools-July 1985 (202) 786-0210

October 1

Reference Works, Editions-July 1985 (202) 786-0215

October 1

Constitutional Programs (202) 786-0204

November 1

Division of General Programs

Special Projects, Youth Projects-January 1985

(202)786-0271

June 15

Constitutional Programs (202) 786-0438

August 1

Younger Scholars Program-June 1985 (202) 786-0271

September 15

Humanities Projects in Museums-July 1985

(202) 786-0278

October 31

Division of Education Programs

Constitutional Programs (202) 786-0377

June 15

Office of Planning and Policy Assessment

Constitutional Programs (202) 786-0420

August 1

NATIONAL ENDOWMENT FOR THE ARTS

Media Arts: Radio Projects (202) 682-5452

July 20

Literature (202) 682-5451

Literary Magazines

August 10

Assistance to Small Presses

September 13

NONFEDERAL

THE ORA CONTACT NUMBER FOR NONFEDERAL DEADLINE/PROGRAM INFORMATION IS 373-1970.

American Cancer Society

Regular Clinical Fellowship

Final Application

July 1

American Chemical Society - Petroleum Research Fund

Grants-in-Aid

No Deadline

American Council of Learned Societies

Fellowships

October 1

Research Fellowships for Recent Ph.D's

October 1

Fellowships for Studies in Modern Society

October 1

ACLS Ford Fellowships

October 1

Grants for Research in Chinese Studies

November 15

East European Studies

November 15

Grants-in-Aid

December 17

American Heart Association

Established Investigatorships

July 1

Clinician-Scientist Award

July 1

British-American Research Fellowships

July 1

Medical Student Research Fellowships

July 1

American Heart Association-Minnesota Affiliate

Research Fellowships

November 15

Grant-in-Aid

December 15

American Iron and Steel Institute

August 1

American Lung Association

Research Grant

November 1

American Philosophical Society

Grants-in-Aid

Various--Contact ORA

Center for Field Research (Earthwatch)	
Latin America Field Research Grants	No Deadline
Cystic Fibrosis Foundation	
Research Scholar Awards	September 1
New Investigator Research Grants	September 1
Research Grants	September 1
Research Fellowships	September 1
Clinical Fellowships	October 1
Student Traineeships	October 1
Damon Runyon Walter Winchell Cancer Fund	
Fellowship Grants	August 15
Human Cancer-Directed Fellowship Grants	August 15
Deafness Research Foundation	July 15
Dermatology Foundation	
Postdoctoral Training	September 2
Grant	September 2
Distilled Spirits Council of the United States	August 1
Engineering Foundation	
Pre-proposals	No Deadline
Epilepsy Foundation of America	
Clinical Research Fellowships	September 1
Research Grant Application	September 1
Gas Research Foundation	
Telephone contact or letter of inquiry prior to submission of formal proposal	No Deadline
Japan/United States Educational Commission	
Japan Fulbright Program	
Recent Graduates	October 31
Senior Scholars and Professionals	September 15
Kellogg Foundation	
Expanding Opportunities for Adult Continuing Education	Continuous
Health Promotion and Disease Prevention Programs	Continuous
Coordinated, Cost-Effective Health Service Programs	Continuous
Improving Human Well Being through Productive Agriculture	Continuous
Fostering Leadership Capacity	Continuous
Leukemia Society of America	
Scholar Program	September 1
Special Fellow Program	September 1
Fellow Program	September 1
March of Dimes Birth Defects Foundation	
Basil O'Connor Starter Research Grants	Continuous
Clinical (Abstract by May 15)	August 1
Social and Behavioral Sciences (Abstract by May 1)	September 1
Basic	October 1
Mathers Charitable Foundation	Continuous
Minnesota Humanities Commission	
General Grants	
Draft Application	July 20
Final Application (for July 20 draft)	October 19
(for October 19 draft)	August 10
Small Grants	November 9
Media Grants	No Deadline
Application Review	July 13
Final Application	August 10
	November 9
Minnesota Medical Foundation	June 30
Charles Stewart Mott Foundation (Letter of inquiry)	No Deadline

Muscular Dystrophy Association		
Grants-in-Aid		
Final Application (for 5/31 application request)	June	30
Fellowship Program		
Final Application (for 5/31 application request)	June	30
Clinical Research Grant Program		
Final Application (for 5/31 application request)	June	30
National Fund for Medical Education		
Innovative Programs in Medical Education	October	1
Dissemination Mini-Grants	October	1
Fellowships in Medical Education	November	1
National Geographic Society		
Grants-in-Aid	No Deadline	
National Kidney Foundation	October	1
National Multiple Sclerosis Society		
Research Grants	August	1
Orthopaedic Research and Education Foundation		
Research Grant	September	15
Career Development	September	15
Department Progress Grant	September	15
Traveling Fellowship	September	15
Resident Research Fellowship	February	15
Pfizer Scholars Program	July	25
Puritan Bennett Foundation		
(formerly Parker B. Frances Foundation)		
Fellowships in Pulmonary Research	September	15
Research Corporation		
(Recommend submission 60 to 120 days prior to agency reviews in October, February and May)	No Deadline	
Southeastern Poultry and Egg Association	No Deadline	
Sugar Association	August	15
Technicon Instruments Corporation		
Grants for Research in Biomedical and Industrial Instrumentation		
Pre-proposals	No Deadline	
University Genetics Company (UGEN)	No Deadline	
Villers Foundation	No Deadline	

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