

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM.BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
AUGUST 2, 1961

Press releases

'U' DEAN HEADS  
FOREIGN STUDENT  
ADVISERS' MEET

(FOR IMMEDIATE RELEASE)

E. G. Williamson, University of Minnesota dean of students, will conduct the first meeting of the newly organized national committee of the Association of Foreign Student Advisers Friday (Aug. 4) in New York city.

The committee will conduct an intensive study of needed improvements in college services to foreign students along lines suggested by a recent survey of present programs. The work will be financed by a grant from the Dean Langmuir Foundation, New York city.

Committee members include: Dean Williamson, chairman; Mrs. Julian Street, The Dean Langmuir Foundation; Frank Colligan, director of plans and development branch, U. S. State Department; Leo Dowling, associate dean of students, Indiana university; Melvin Fox, program associate, The Ford Foundation; Donald Shank, executive vice president, Institute of International Education; Joe Neal, foreign student administrator, University of Texas and president of the Association of Foreign Student Advisers; and Professor Paul M. Chalmers, foreign student adviser, Massachusetts Institute of Technology.

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UNIVERSITY OF MINNESOTA  
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AUGUST 4, 1961

KUOM TO AIR  
NIETZCHE TALK

(FOR IMMEDIATE RELEASE)

"The Importance of Nietzsche", a talk by Dr. Erich Heller, professor of German literature at University College, Swansea, Wales, will be broadcast on University of Minnesota radio station KUOM Tuesday, August 8, at 7 p. m.

Dr. Heller was born in Czechoslovakia, received academic degrees in Prague and at Cambridge university in England. He has taught at several universities in England and has been visiting professor of German literature at Brandeis, Harvard, and Northwestern universities in this country.

Books by Dr. Heller include "The Disinherited Mind", a searching analysis of the modern mind and modern art, and "The Ironic German" about Thomas Mann.

Professor Heller's talk is one in KUOM's summer series of Significant Speeches, heard each Tuesday evening at 7 p. m. during July and August.

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UNIVERSITY OF MINNESOTA  
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AUGUST 4, 1961

LIST OF UNIVERSITY OF MINNESOTA LECTURES AND PUBLIC PROGRAMS  
WEEK OF AUGUST 6-13

- Sunday, August 6 --- University Theater: "Bloomer Girl", Showboat, moored at Harriet Island, St. Paul. Two performances, 3:30 and 8 p.m., admission.
- Tuesday, August 8 --- Educational Films: Area--Audio-visual Methods, 3-4:30 p.m., Nicholson auditorium. Free.  
Recital, 'cello-piano duo, Rubi Wentzel and Virginia Krumbiegel, 8 p.m., Northrop Memorial Auditorium, free.  
University Theater: "Bloomer Birl", Showboat, moored at Harriet Island, St. Paul, 8 p.m., admission.
- Wednesday, August 9 --- Newsreel Theater, 11 a.m. and 12 noon, Northrop Auditorium, free.  
University Theater: "Bloomer Girl", Showboat, moored at Harriet Island, St. Paul, 8 p.m., admission.  
"The Copperhead", opening performance, 8 p.m., Scott hall Auditorium, admission.
- Thursday, August 10 --- Educational Films: Area--Elementary Education, 3-4:30 p.m., Minnesota Museum of Natural History Auditorium, free.  
University Theater: "Bloomer Girl", Showboat, moored at Harriet Island, St. Paul, 8 p.m., admission.  
"The Copperhead", 8 p.m., Scott hall, admission.
- Friday, August 11 --- University Theater: "Bloomer Girl", Showboat, moored at Harriet Island, St. Paul. Two performances, 7 and 10 p.m., admission.  
"The Copperhead", 8 p.m., Scott Hall, admission.
- Saturday, August 12 --- University Theater: "Bloomer Girl", Showboat, moored at Harriet Island, St. Paul. Two performances, 7 and 10 p.m., admission.  
"The Copperhead", 8 p.m., Scott hall, admission.
- Sunday, August 13 --- University Theater: "Bloomer Girl", Showboat, moored at Harriet Island, St. Paul. Two performances, 3:30 and 8 p.m., admission.

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NATIVE OF INDIA  
APPOINTED AMES  
LIBRARIAN AT 'U'

(FOR IMMEDIATE RELEASE)

Henry C. Scholberg, 40, born in Darjeeling, India, where his parents were missionaries, has been appointed instructor and librarian of the Ames Library of South Asia which recently was given to the University of Minnesota by its founder, Charles Lesley Ames of St. Paul.

The Ames library, focusing on the history, economy and sociology of India and Pakistan, contains some 80,000 items and is considered one of the finest collections of research materials of its kind in the United States. It was transferred last month from a building on the Ames estate in Dakota county to the Walter library building at the University.

After spending his childhood in India, Scholberg attended the University of Illinois from which he was graduated in 1943 after having majored in courses dealing with ancient civilizations. In 1954, he received a library science degree from the University of Minnesota. While serving as librarian at Columbia Heights high school for the last several years, he has continued his graduate studies at the University in the South Asia Study Program.

He plans to continue his graduate work on a part-time basis in the South Asia program, recently expanded with the assistance of a Hill Family Foundation grant.

Scholberg is married and has three children. He and his family live at 4059 Monroe, N. E., Minneapolis.

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AUGUST 7, 1961

FREEDOM RIDER  
REPORT SLATED  
ON KUOM THURS.

(FOR IMMEDIATE RELEASE)

What kind of treatment did six Minnesota "freedom riders" receive while imprisoned in Mississippi? This is one of the questions that will be explored on "Six Rode South", a special report on the Minnesota Freedom Riders to be broadcast by University of Minnesota radio station KUOM, Thursday (Aug. 10) at 7:30 p.m.

"Six Rode South" will present interviews with three of the "freedom riders", Zev Aelony, Clare O'Connor and Eugene Uphoff, who will discuss their reasons for becoming "freedom riders", their treatment in jail and what "freedom riding" has accomplished. Also to be heard on the program will be a discussion with Eugene Uphoff's family, describing the reaction of both Twin City and Mississippi citizens to the actions of the "freedom riders" and their convictions with regard to the issue.

"Six Rode South" will be produced by KUOM by Randy Anderson. The interviews and narration will be by Dick Lyon and Dick Stevens of KUOM.

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AUGUST 8, 1961

SUMMER JAZZ  
CONCERT PLANNED  
TUESDAY AT 'U'

(FOR IMMEDIATE RELEASE)

"Jazz on the Terrace", a summer jazz concert by the Howie Fisher Trio, will be presented at 8 p. m. Tuesday (Aug. 15) at the University of Minnesota Coffman Memorial Union.

The free public concert, under the sponsorship of the University Union board of governors' summer cultural area, will be held outdoors on the Union terrace, weather permitting. In case of rain, it will be held in the men's lounge.

The contemporary jazz trio is made up of two University students, pianist, Howie Fisher and drummer, "Hod" Miller, and Bob Damone, bass, a former student in business administration.

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AUGUST 8, 1961

'TENSIONS' WILL  
BE AIRED BY KUOM

(FOR IMMEDIATE RELEASE)

"Psychology of the Individual", a series of nine programs featuring an analysis of the individual in our modern society by noted psychologists, psychiatrists and psychotherapists, will be broadcast by University radio station KUOM on Fridays at 1:30 p.m., beginning August 11. The first program on "Tensions" features noted psychiatrist and author Edmund Bergler.

The series is a continuation of a general study of the individual presented in past weeks on KUOM. It originates from the Cooper Union Forum and station WNYC in New York City.

"Psychology of the Individual" will be heard each Friday on KUOM's weekday series, "Public Affairs Forum".

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AUGUST 8, 1961

TWO 'U' MATH  
PROFESSORS GET  
BID TO RUSSIA

(FOR IMMEDIATE RELEASE)

Two University of Minnesota mathematics professors have been invited to present papers at an international mathematicians' conference in Kiev, U.S.S.R., September 12-18.

Professor Warren S. Loud, 4253 Sheridan ave., S., Minneapolis, associate chairman of the mathematics department in the college of science, literature and the arts, and Professor Lawrence Markus, 5004 Belmont ave., Minneapolis, associate chairman of the institute of technology mathematics department, will address an International Symposium on Applied Mechanics and Non-Linear Vibration Theory.

The Minnesota mathematicians will be the guests of the Ukrainian Academy of Sciences which is sponsoring the symposium and which extended the invitation to them.

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AUGUST 9, 1961

CAPPING RITES  
FOR 'U' NURSING  
SENIORS AUG. 18

(FOR SUNDAY RELEASE)

Capping ceremonies for the 12 members of the University of Minnesota school of nursing senior class of fall 1961, will be held at 8 p.m. Friday, August 18, in Mayo Memorial auditorium.

Dr. Joseph T. King, University physiology professor, will deliver the principal address at the ceremonies. The Reverend William Dierks, assistant pastor of Emmanuel Lutheran church, Minneapolis, will give the invocation and the benediction.

Pins and caps will be presented to the graduating nurses by Miss Dorothy Titt, assistant professor of nursing, and Miss Elizabeth Whitney, nursing instructor at the school. Miss Florence M. Brennan, nursing instructor and clinical instructor, will administer the Florence Nightingale pledge to the student nurses.

Receiving their pins and caps will be: Patricia Johnson Dierks, Wheaton; Carolyn Erickson, Rochester; Margaret Fickes, Cambridge; Rosalie Grosenick, Browns Valley; Barbara Richardson Hiller, Red Wing; Judith Johnson, 2111 Commonwealth, St. Paul; Barbara LaSalle, Minnetonka Mills; Penny Edwards Lawler, Youngstown, Ohio; Nancy Evans Olson, St. James; Sylvia Willetts Srigley, Galesburg, Ill.; Emily Robertson White, Warren, Pa.; and Elsa Zinter, 2815 Arthur, N.E., Minneapolis.

GRANT OF \$71,000  
TO FINANCE 'U'  
SKIN TUMOR STUDY

UNIVERSITY OF MINNESOTA  
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AUGUST 9, 1961

(FOR IMMEDIATE RELEASE)

Minneapolis --- A \$71,000 National Cancer Institute grant to determine adequately the microscopic structure of normal human skin and to study skin tumors has been awarded to the University of Minnesota for research by Dr. Alvin S. Zelickson, clinical instructor in dermatology in the University medical school.

The federal grant will cover a five-year period, commencing September 1, with \$15,907 allocated for the first year's work and the balance spread throughout the next four years.

Certain benign and malignant skin tumors will be studied with one of the University's eight electron microscopes, according to Dr. Zelickson. These electron microscopes and the newer operational techniques now can obtain magnification up to 200,000 times, in comparison to the 12,000 times magnification representing peak productivity of the best light microscopes.

"By studying these easily accessible tumors, changes may be noted which will aid in understanding their development," Dr. Zelickson said. "The use of the electron microscope as an investigative tool permits tumor changes to be studied earlier than previously has been possible with the light microscope."

Also included in Dr. Zelickson's work under the grant will be the study of the ultra-structure (cell structure visible only with the electron microscope) of fetal skin tissue and its development. A backlog of fetal skin of all ages has been collected by Dr. Zelickson and will be used for a systematic study of these tissues at all stages of tumor development.

A systematic investigation of the ultra-structure of tumor cells is of major importance, Dr. Zelickson feels, because it will aid in corroborating knowledge previously developed with the light microscope and with biochemical and biophysical research. It also will allow exploration of the unknown on the molecular level (possible only with the electron microscope). Regarding this aspect, Dr. Zelickson said, skin tumors of unknown origin will be studied in sufficient numbers to enable him to rule out or in virus-like particles which may be encountered and are suspected of causing certain cutaneous tumors.

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NOTE TO EDITORS: Dr. Zelickson's address is 1633 Quentin ave., S., St. Louis Park.

JUDGE YOUNGDAHL  
TO ADDRESS 'U'  
GRADUATING CLASS

UNIVERSITY OF MINNESOTA  
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AUGUST 10, 1961

(FOR IMMEDIATE RELEASE)

Minneapolis --- Judge Luther W. Youngdahl, former governor of Minnesota, will address some 550 graduates Thursday (August 17) at the University of Minnesota August commencement exercises. His topic will be "Tyranny of Words".

The program, at 8 p.m. in Northrop Memorial auditorium, will mark the end of the second summer session.

Dean Bryce L. Crawford, Jr., of the University's graduate school, will speak for the University and will confer undergraduate and graduate degrees.

A native of Minneapolis, Judge Youngdahl, since 1951 judge of the United States district court for the District of Columbia, attended the University for one year, transferring to Gustavus Adolphus college at St. Peter. In 1921, he completed his studies at the Minnesota College of Law and was named assistant city attorney for Minneapolis. He was appointed a Minneapolis municipal judge in 1930, and served in this capacity for six years. He was elevated to the district judgeship of Hennepin county in 1936, and was elected to the Minnesota supreme court in 1942.

Judge Youngdahl resigned from the State supreme court in 1946 to run for governor. He was sworn in as Minnesota's chief executive Jan. 8, 1947.

Judge Youngdahl has a long record of participation in welfare, youth and religious activities. He is a national director of the Big Brothers and has served on the Boy Scout Court of Honor and various Y.M.C.A. boards and is an active member of Augustana Lutheran church in Washington, D. C.

Among awards received by Judge Youngdahl are the Grand Cross of the Royal Order of the North Star, presented by King Gustaf V of Sweden; honorary degrees from 14 colleges and universities; the 1949 National Mental Health Foundation citation for leadership in the field of mental health; and the Silver Antelope award from the Boy Scouts of America for distinguished service to boyhood. In September 1952, he was elected to honorary membership in the American Hospital association for "leadership in bringing about better care and treatment for the mentally ill". He was selected by the Washington Federation of Churches to receive the award of "Layman of the Year" in 1955.

PRACTICAL NURSING  
STUDENTS TO GET  
CAPS AT U. OF M.

UNIVERSITY OF MINNESOTA  
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AUGUST 10, 1961

(FOR SUNDAY RELEASE)

The University of Minnesota practical nursing program will hold graduation and capping ceremonies for 35 student nurses at 7:30 p.m., Wednesday, August 16, in Mayo Memorial auditorium.

Theodore H. Fenske, associate dean of the University's institute of agriculture, will address the graduating students.

Presenting pins, caps and certificates of graduation to the practical nurses will be Miss Helen Hansen, Miss Francis Monecure and Miss Eugenia Taylor of the University school of nursing practical nursing faculty.

Receiving certificates of graduation will be: from Minneapolis---Gail Anderson, 4425 Knox ave., N.; Dorice Bates, 4241 Garfield, N.; Ruby Boyd, 2702 University, S.E.; Renee Hillman, 1806 Upton ave., N.; Sandra Kane, 5117 Woodlawn blvd.; Joan Katz, 1631 Oliver ave., N.; Sharon Knutson, 3632 Minnehaha ave.; Karol Jean Lovo, 7620 Bryand ave., S.; Catherine McArthur, 4729 Wilford Way; Barbara Ovshak, 175 15th ave., N.E.; Bette Shoop, 4220 Salem ave.; Diane Swanson, 4033 Park ave.; Sharyn Murto, 6920 3rd ave., S.; Barbara Wilcox, 2945 Blackstone ave.; and Carol Wiggins, 626 S. E. Ontario.

Graduates from St. Paul will be: Mary Campbell, 1015 Chippewa; Maureen Fenske, 1570 Vincent; Susan Herby, 271½ Prescott; Sharon Hogseth, 1988 Norfolk; Carol Jakob, 2168 Juliet; Sandra Johnsen, 1663 Highland parkway; Bernadine LaBathe, 2084 E. Arlington; Beverly Parker Moen, 1994 St. Clair; Joanne Mortenson, 1768 Carroll; Mary Roche, 1757 Dayton; Paula Rudahl, 1398 N. Albert; and Annette Sultan, 2127 Pinehurst.

Graduating from outside the Twin Cities will be: Barbara Bren, Excelsior; Edna Brunner, Gibbon; Dennis Dvorak, Hopkins; Francis Jeffrey, Savage; Judith Lanes, Duluth; Charlotte Schulties, Gary, Ind.; Betty Jane Yira, Newport; and S. Jane Zeman, Mound.

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'U' AERO LABS  
TO STUDY BALLISTIC  
MISSILE HEATING

(FOR IMMEDIATE RELEASE)

Better understanding of heat problems at the base of ballistic missiles will be sought in studies to be continued for the next year at the University of Minnesota's Rosemount Aeronautical Laboratories under two new federal research contracts totaling \$65,000.

Professor John D. Akerman, director of the laboratories, reported Thursday (Aug. 10) the receipt by the University of a \$40,000 one-year sponsorship by the United States Army Ballistic Missile Agency and the other a \$25,000 contract from the National Aeronautical and Space Agency for a six-month study.

The contracts will finance continuation of basic studies which have been carried on at Rosemount for the Army Ballistic Missile Agency for the last year.

Roy E. Larson, University scientist and director of the project, explained Thursday that ballistic missiles are subject to serious heat problems in the vicinity of the exhaust nozzles at the base of their various stages---particularly the initial booster stage.

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WOMEN'S PLACE  
IN SOCIETY KUOM  
TOPIC TUESDAY

(FOR IMMEDIATE RELEASE)

"The Unfettering of Eve", a recorded talk about the place of women in contemporary society, will be broadcast by University radio station KUOM Tuesday evening (Aug. 15) at 7 o'clock. The speaker is Dr. Lena Levine, New York psychiatrist.

Dr. Levine considers the meaning of "female" and "feminine", "male" and "masculine" and discusses the conflict between the sexes arising from woman's increasingly "unfettered" state.

The talk is another in KUOM's summer series of "Significant Speeches" heard each Tuesday at 7 p.m. during July and August.

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UNIVERSITY OF MINNESOTA  
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AUGUST 11, 1961

LIST OF UNIVERSITY OF MINNESOTA LECTURES AND PUBLIC PROGRAMS  
WEEK OF AUGUST 13-20

- Sunday, August 13 --- University Theater: "Bloomer Girl", Showboat, moored at Harriet Island, St. Paul. Two performances, 3:30 and 8 p.m. Admission. Last performances in St. Paul.
- Tuesday, August 15 --- Educational Films: Area--Contemporary Minnesota, 3-4:30 p.m., Nicholson hall auditorium. Free.  
University Theater: Showboat returned to Minneapolis; "Bloomer Girl", 8 p.m. Admission.
- Wednesday, August 16 --- Newsreel Theater, 11 a.m. and 12 noon, Northrop auditorium. Free.  
University Theater: "Bloomer Girl", Showboat, Minneapolis, 8 p.m. Admission.
- Thursday, August 17 --- Educational Films: Area--Transportation, 3-4:30 p.m., Minnesota Museum of Natural History auditorium. Free.  
Commencement, second summer session, Judge Luther W. Youngdahl, speaker, 8 p.m., Northrop auditorium. Tickets.  
University Theater: "Bloomer Girl", Showboat, Minneapolis, 8 p.m. Admission.
- Friday, August 18 --- University Theater: "Bloomer Girl", Showboat, Minneapolis. Two performances, 7 and 10 p.m. Admission.
- Saturday, August 19 --- Universith TheaterL "Bloomer Girl", Showboat, Minneapolis. Two performances, 7 and 10 p.m. Admission.
- Sunday, August 20 --- University Theater: "Bloomer Girl", Showboat, Minneapolis. Two performances, 3:30 and 8 p.m. Admission.

BISHOP COWLEY  
TO ADDRESS 'U'  
JUVENILE INSTITUTES

UNIVERSITY OF MINNESOTA  
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AUGUST 15, 1961

(FOR IMMEDIATE RELEASE)

The Most Rev. Leonard P. Cowley, auxiliary bishop of the diocese of St. Paul, will speak at graduation ceremonies Thursday (August 17) for 47 juvenile judges and officers who attended summer training institutes at the University of Minnesota.

Bishop Cowley, former Catholic student adviser and director of the Newman Foundation at the University, will address graduates, the institutes' faculty and their wives at a 7 p.m. dinner in the Edgewater Inn, 2420 Marshall ave., N. E., Minneapolis.

Dean Julius M. Nolte of the University's general extension division will present certificates of completion to the 17 judges and 30 juvenile officers who attended separate 10-week courses at the University's Center for Continuation Study.

The institute for juvenile judges, all of whom are from Minnesota, was offered for the first time and is the only one of its kind in the nation. It was made possible by a \$300,000 grant from the National Institute of Mental Health. The grant also permitted expansion of the juvenile officers institute--for law, probation and parole officers--which is in its sixth year.

Juvenile officers studying at the University this summer came from four other states besides Minnesota.

The institutes, which began June 12, were designed to help juvenile officers control delinquency more effectively and to help judges gain a better understanding of the problems and methods of handling juvenile delinquency.

Master of ceremonies for the graduation dinner will be Paul H. Cashman, University associate professor of rhetoric. Speaking for each of the classes will be Judge Philip A. Anderson of Crookston, Minn., and Brother Aquinas Thomas, New York, N. Y.

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'U' ALUMNI  
APPOINTMENTS  
ANNOUNCED

(FOR IMMEDIATE RELEASE)

The University of Minnesota Alumni association today announced the appointment of several of its members to committees on University affairs and to standing alumni committees for the 1961-62 school year.

Named as alumni representatives to committees of the University Faculty Senate are: Dr. Leonard L. Kallestad, 401 East Lake st., Wayzata, and Mrs. M. D. McVay, 2711 Dean boulevard, Minneapolis, Senate Committee on Student Affairs;

Edwin L. Haislet, 3724 West 22 st., Minneapolis, director of alumni relations, and Dr. Virgil J. P. Lundquist, 4805 Sunnyside road, Minneapolis, newly elected Alumni association president, Senate Committee on Intercollegiate Athletics;

James H. Myers, 4106 Linden Hills boulevard, Minneapolis, and Oscar H. Anderson, Mahtomedi, Minn., Senate Committee on Military Affairs.

Two alumni have been named representatives on the student union boards. Edwin C. Braman, 2218 Sargent ave., St. Paul, will serve on the Union Board of Governors for Coffman Memorial Union on the Minneapolis campus. Mrs. Ralph M. Jacobson, 1986 Cedar Lake boulevard, Minneapolis, will be the representative on the Student Center Board of Governors for the St. Paul campus Student Center.

Two alumni were added to the board of trustees of the Greater University Fund. They are John S. Pillsbury, Jr., Orono, Minn., and T. H. Rowell, Sr., Baudette, Minn.

(MORE)

ALUMNI APPOINTMENTS

- 2 -

Special Alumni association committee appointments announced are as follows:

Investment committee---John A. Moorhead, Smithtown Bay, Excelsior, Minn.; Wendell T. Burns, Route 1, Excelsior, Minn.; Sam W. Campbell, 4916 Harriet ave., Minneapolis; James C. Harris, 500 Prospect ave., Minneapolis; and Paul Reyerson, 4904 West Sunnyslope road, Minneapolis.

Alumni honors committee---John K. Fesler, 2138 Lower St. Dennis road, St. Paul; George L. Faber, 6336 North Rockwell st., Chicago, Ill.; and Harold E. Wood, 12 Crocus Hill, St. Paul.

University scholarship committee---Charles J. Ringer, Wayzata; Mrs. V. L. Peterson, 3535 Cleveland st., N. E., Minneapolis; and Emmet D. Williams, 3355 Lake Johanna boulevard, St. Paul.

Named to the past presidents committee was Russell E. Backstrom, retiring president of the University Alumni association. Backstrom, 4247 Linden Hills boulevard, Minneapolis, is manager of the Western Industrial division of the Wood Conversion company, St. Paul.

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SCIENCE, MAN  
TOPIC OF  
KUOM SERIES

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(FOR IMMEDIATE RELEASE)

"How Has Science in the Last Century Changed Man's View of Himself?"

This is the question to be discussed by four prominent American thinkers on a series of programs to be broadcast by University of Minnesota radio station KUOM at 11 a. m. Monday through Friday (August 21 through 25).

The participants will be Aldous Huxley, author, essayist, and visiting professor of humanities at Massachusetts Institute of Technology; Paul Tillich, professor of systematic theology, Harvard Divinity school; Jerome Bruner, psychology professor, Harvard university; and J. Robert Oppenheimer, physics professor and director of the Institute for Advanced Study, Princeton, N. J. The four will speak on succeeding days, with Huxley opening the series Monday. The participants will join for a panel discussion of the question on Friday (August 25).

The programs were recorded in April of this year during the Centennial celebration of the Massachusetts Institute of Technology, at which time 150 of the world's leading thinkers, representing more than 30 nations, convened to discuss problems now facing science, education, and society. Additional programs recorded during the celebration will be broadcast by KUOM in succeeding weeks.

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STATE AFL-CIO  
GIVES FILM  
SERIES TO 'U'

(FOR RELEASE 11 A. M. FRIDAY, AUGUST 18)

The Minnesota state AFL-CIO Federation of Labor presented a set of 50 films entitled "Americans at Work" Friday (August 18) to the University of Minnesota audio-visual extension service film library.

Robert A. Olson, federation president, and Robert E. Hess, federation executive vice president and University regent, presented the first of the series of films Friday morning to Erwin C. Welke, director of the audio-visual extension service, in a brief ceremony in the film library.

The films, produced by national unions in the AFL-CIO, visually describe 50 different jobs. To date, the series has been carried on some 200 television stations, including five in Minnesota.

"We feel these films will be a useful addition in the area of apprenticeship training and occupational choices," Olson said in handing over the films to the University. "They portray the day-by-day nature of jobs which are, incidentally, performed by union members. They do not purport to give training in a particular skill, but impart what might be called the 'feel' of a job and the environment in which it is performed."

The films will be available for use by any individual or group in the state.

"We expect that they will be particularly valuable in vocational training," Welke commented.

First of the films given to the University include those made by pottery workers, glass blowers, bakery workers, printing pressmen and plumbers.

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'U' EDUCATION  
LIBRARIAN NAMED

(FOR IMMEDIATE RELEASE)

Mrs. Lois R. Ferm has been appointed librarian for a new education library at the University of Minnesota, according to E. B. Stanford, director of the University libraries.

The new education library -- containing the University's collection of materials in the field of education, publications on teacher training, the curriculum collection of text books and related materials and the books and journals presently comprising the library school library and the laboratory collection of children's literature -- will be housed in the second-floor quarters in Walter library previously occupied by the bio-medical library. The bio-medical collection now is housed in the recently completed Diehl hall.

A graduate of Houghton college, Houghton, N. Y., Mrs. Ferm received the master of arts degree from the library school at the University of Michigan, Ann Arbor. After serving as librarian in various high schools in New York state, Arkansas and at Edison high school, Minneapolis (1952-54), she returned to Houghton college in 1957 as education department head. She joined the University of Minnesota staff in 1959 as instructor and supervisor of student teachers in the University's college of education.

Mrs. Ferm and her husband and four teen-aged children live at 3900 Upton ave. S., Minneapolis.

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PHYSICIAN TO  
DISCUSS EXECUTIVE  
LIFE ON KUOM

(FOR IMMEDIATE RELEASE)

"The Executive's Dilemma", a talk by Dr. John F. Briggs, St. Paul internist and past president of the Minnesota Heart association, will be broadcast over University of Minnesota radio station KUOM at 7 p.m. Tuesday (August 22).

Dr. Briggs will consider in the talk the emotional and physical problems characteristic of each decade in the executive or professional man's career. The speech is part of KUOM's annual summer series of "Significant Speeches", rebroadcasting some of the best talks presented on the station during the past year.

Dr. Briggs' speech was recorded in 1960 in Minneapolis at a special conference on "Heart Disease in Industry".

-UNS-

U OF M JOURNALISM  
JUNIOR RECEIVES  
\$1,000 SCHOLARSHIP

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM.BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
AUGUST 18, 1961

(FOR IMMEDIATE RELEASE)

Beverly Ann Kees, a junior in the University of Minnesota's school of journalism, is the recipient of a \$1,000 scholarship representing a prize won in nationwide competition by a University journalism graduate, Beverly Mindrum.

Miss Mindrum, Minneapolis Star and Tribune staff writer and former editor of the Minnesota Daily, University student newspaper, was first prize winner of the second annual Catherine L. O'Brien award for achievement in women's interest newspaper reporting.

She received her award--- given annually by the Stanley Home Products, Inc.--- at the annual <sup>meeting</sup> national/ of Theta Sigma Phi, national honorary journalistic sorority, Friday (Aug. 18) in Kansas City. The award included a \$500 cash award to Miss Mindrum and the \$1,000 journalism scholarship to be given to a student of her choice in her community.

Miss Kees, 3546 N.E. McKinley, Minneapolis, is a 1959 graduate of Edison high school. She has been a reporter and night editor of the Minnesota Daily and is the paper's managing editor for the 1961-62 academic year. She plans to use the award to complete her work for the bachelor of arts and the master of arts degrees at the University.

--UNS--

'U' SETS MASTER'S DEGREE NIGHT  
CLASSES FOR ELECTRICAL ENGINEERS

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM.BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
AUGUST 18, 1961

(FOR RELEASE SUNDAY, AUGUST 20)

Minneapolis --- A new University of Minnesota graduate school program which will offer a complete master of science degree with a major in electrical engineering in evening classes for the first time will get underway September 16, according to Professor William G. Shepherd, head of the electrical engineering department.

The program will be unique to the University in that courses offered through the graduate school in the evening will be taught by University staff members as part of their regular instructional load. Other graduate courses are offered in night school through the general extension division.

Four new faculty members are being added to the electrical engineering department's regular staff to meet the added instruction and counseling load of the new evening program, according to Professor Shepherd.

Cost of the program for at least the first three years will be financed by ten Twin Cities firms, which are engaged in electronics or related fields. To date firms which are participating are Minneapolis Honeywell, Control Data corporation, Remington-Rand Univac, Fluidyne, Electro Nuclear Systems, Fabri-Tek, Ramsey Engineering, General Mills, Magnetic Controls and Minnesota Mining and Manufacturing company.

Professor Shepherd said the new evening program will "fill a need which has been recognized for some time".

"Through it, graduate engineers employed in local industries will be able to develop further their professional competence," he declared. "We have been unable previously to provide an evening graduate program equivalent in level and scope to the day school program leading to the master's degree because of the limitation of our financial resources.

(MORE)

"The support which is now being provided is an excellent example of cooperation between the University and the industrial community for the benefit of the people of the state. This plan will assist our industries in attracting and retaining the kind of engineers who will insure the continued growth of our electronic industries."

The classes will be open only to students who are employes of participating companies. To date, the University has received applications from more than 150 engineers employed by the participating firms.

Students must meet normal admission requirements of the University's graduate school.

Eight courses will be offered concurrently, which will make it possible for a student to earn the 45 quarter credits required for a master of science degree in a minimum of three years, and a maximum of five years. The program also will be open to students not seeking an advanced degree, but they too must meet graduate school admission requirements.

Classes will meet two nights a week, with each section about 75 minutes in length.

The new evening program, in the planning stages since last April, represents the outcome of discussions by the State Electronic Industries committee.

Cooperating in the original planning and in laying the groundwork for a new evening program were the Twin City Personnel Managers' association and the Minnesota Professional Engineers society. The personnel managers' group distributed a questionnaire to determine interest in the program to 131 companies in the Twin Cities area for circulation among their employes. Some 350 responses were received from employes representing 24 different companies. Of the 350, 167 indicated an interest in enrolling in a master of science degree graduate program in evening school. The others indicated an interest in taking advanced specialized training in specific subjects.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM.BLDG.  
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AUGUST 21, 1961

FOREIGN STUDENTS  
ARRIVE AT 'U' FOR  
ORIENTATION COURSE

(FOR IMMEDIATE RELEASE)

Sixty-two foreign graduate-level students from 11 English-speaking countries throughout the world arrived at the University of Minnesota Sunday and Monday (Aug. 20-21) to attend the second annual sessions of a two-week orientation institute August 22 through Sept. 6.

The institute, sponsored by the United States State Department's Institute of International Education, is one of four such orientation courses organized under Smith-Mundt and Fulbright Act legislation to introduce foreign students to American life and culture.

Overall objective of the orientation centers, according to Forrest G. Moore, University foreign student adviser and institute director, will be to provide for the student new to the United States experiences which will assist him in bridging the gap between his own educational system, culture and field of study and the American equivalents. Under this concept, visits to the Minnesota State Fair, a weekend spent with Twin Cities hosts and a picnic at Riverside park rank equally in import with the formal class sessions and conferences, Moore said.

Attending the orientation institute will be one student from the Argentine, one from Ceylon, seven from Finland, 21 from India, one from Indonesia, seven from Japan, one from Jordan, 14 from Pakistan, three from the Philippines, four from Spain and two from the Sudan.

(MORE)

University faculty members assisting Moore in the institute are Clarke A. Chambers, history department, assistant director; Josef Mestenhauser, assistant foreign student adviser, assistant to the director; Warren B. Cheston, physics; Charles G. Cleaver, American studies and history; James L. Gibbs, anthropology; Arthur L. Johnson, sociology; Ruth Roberts, student counseling bureau; James H. Werntz, physics; and Eugene S. Wright, rhetoric.

University President O. Meredith Wilson will address the students on "The American Federal System: Its Origins and Development" at 10:30 a. m. Thursday (Aug. 24) in Comstock hall lounge. Other speakers at the conference include John R. Borchert, University geography professor; Ernest Cooper, St. Paul Urban League executive director; Dean Bryce L. Crawford, Jr. of the University graduate school; John Forster, assistant professor of sociology; Morton L. Friedman, Walker Art Center director; Frank J. Gillis, pianist for "Doc" Evans' Dixieland band; The Very Reverend Henry N. Hancock, St. Mark's Episcopal cathedral dean; Robert J. Keller, University high school director; Mrs. A. J. Smaby, International Center for Students and Visitors director; and William C. Rogers, State Organization Service director.

UNIVERSITY OF MINNESOTA  
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AUGUST 21, 1961

JUVENILE JUDGES  
TO ATTEND 'U'  
INSTITUTE AT DEERWOOD

(FOR IMMEDIATE RELEASE)

Some 50 Minnesota judges will attend the University of Minnesota's eleventh annual institute for juvenile court judges Monday, Tuesday and Wednesday (August 28-30) at Rutgers Bay Lake lodge, Deerwood, Minn.

The institute, conducted by the University's Center for Continuation Study, will focus on viewpoints on delinquency as seen by the federal and state government and the judges themselves.

Phillip H. DesMarais, first assistant to the secretary of health, education and welfare, Washington, D. C., will give the keynote address at 10:30 a. m. Monday (August 28). Title of his talk will be "The Department of HEW Looks at Delinquency".

Other guest speaker from the federal government will be David C. Hackett, first assistant attorney general, Washington, D. C., who will speak on "The Justice Department Looks at Delinquency" at the closing session Wednesday (August 30).

The faculty also will include Paul Kimball, judge of Mower county juvenile court and president of the Minnesota Juvenile Court Judges association; John T. McDonough, Stillwater, Minn., judge of Washington county juvenile court; Dr. Carl A. Schwartz, staff psychiatrist at Mower County Mental Health clinic, Austin, Minn.; and William Scott, judge of Sibley county juvenile court.

ALUMNI INFORMATION

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William T. Harris, Jr.  
Director, University News Service

- ALABAMA POLYTECHNIC INSTITUTE---Baily Lewis Donnally (B.Engr.Ph.'51, M.S. '52) doctor of philosophy.
- ALLAHABAD AGRICULTURAL INSTITUTE---Ganta Gopal Reddy (B.Sc. in Agr.'52) master of science. (master of arts).
- ALLAHABAD UNIVERSITY---Gopal Ji (M.Sc.'48) master of science; Sarbeswar Das (M.A.'46)
- ARKANSAS STATE TEACHERS COLLEGE---Jo Marlys Dahlen (B.S.E. '57) master of arts.
- AUGUSTANA COLLEGE (S.D.)---Robert Jason Solem (B.A. magna cum laude '57) master of arts; Edward Benjamin Byhre (B.A. '43) master of arts.
- BEMIDJI STATE COLLEGE---Travis Bruce Olson (B.S. '50) master of arts; Ray Gene Spindler (B.S. '55) master of arts.
- BIHAR VETERINARY COLLEGE---Irtaza Husain Siddique (G.B.V.C.'50) master of arts.
- BOSTON UNIVERSITY---William Floyd Foster (S.T.B. '50) master of arts.
- BOWLING GREEN UNIVERSITY---Janice Mary Nowack (B.S. '55) master of arts.
- BUENOS AIRES, UNIVERSITY OF---Luis Urbano Jauregui (C.Eng. '56) master of science in civil engineering. (Sanitary Eng. '58)
- CAIRO, UNIVERSITY OF---Moustafa Aly Mosharrafa (B.S.C.'57) master of science in electrical engineering; Misbah Ibrahim Oreibi (B.Com.'58) master of arts.
- CALIFORNIA STATE POLYTECHNIC COLLEGE---Yebapras Leon Maksoudian (B.S. '57) master of science.
- CAMBRIDGE UNIVERSITY---John Turner Daniel (B.A. '58) master of arts.
- CARLETON COLLEGE---Richard D. Ashmun (B.A. '50) master of arts; Owen David Heiberg (B.A. '59) master of arts; Donald William Kohls (B.A. '56) doctor of philosophy; Julia Fillmore Wallace (B.A. '60) master of arts.
- CARTHAGE COLLEGE---Erland Nelson (B.A. '47) doctor of philosophy in neurology.
- CATHOLIC UNIVERSITY OF AMERICA---Edward William Zeman (B.A. '51) master of arts.
- CHICO STATE COLLEGE---Kenneth Charles Edwon (B.A. cum laude '57) master of arts.
- CLARKSON COLLEGE---Sigmund A. Mierzwa, Jr. (B.S. '59) master of arts.
- COLORADO STATE COLLEGE OF EDUCATION---Ruth Evelyn Groves Ludeman (B.A. '59) master of arts.
- COLUMBIA UNIVERSITY---Erland Nelson (M.D. '51) doctor of philosophy in neurology.
- CONCORDIA COLLEGE (MOORHEAD)---Daryl Duane Johnson (B.A. '50) master of arts; Paul Carlot Oas (B.A. '52) master of arts; Joseph MacLyn Redmond (B.A. '53) master of arts; Arlen Dennis Syverson (B.A. '54) master of arts.
- CONCORDIA TEACHERS COLLEGE---Albertina Rosen (B.S.Ed.'57) master of arts.
- CORNELL COLLEGE---William Floyd Foster (B.A. '47) master of arts.
- CORNELL UNIVERSITY---Samuel Kwaku Takyi (B.S. '59) master of science; Harvey Philip Hermanson (M.S. '57) doctor of philosophy; Charles Simpson (D.V.M.'43) Ph.D.
- DACCA UNIVERSITY---Muhammad Abdul Bari Mallik (M.S. '52) master of science.
- DAKOTA WESLEYAN UNIVERSITY---LeRoy L. Bradwish (B.A. '58) master of arts.
- DARTMOUTH COLLEGE---William Monroe Michener (B.A. '51) master of science in pediatrics.
- DENMARK, UNIVERSITY OF---Bent Aksel Christensen (Ph.B.'48) doctor of philosophy.
- DENMARK, THE TECHNICAL UNIVERSITY OF---Bent Aksel Christensen (M.S. in C.E.'51) doctor of philosophy.
- DRAKE UNIVERSITY---Edward Charles Martin (B.A. '51) master of arts.
- EASTERN MONTANA COLLEGE OF EDUCATION---Helen Rawlings Decker (B.S. in Ed.'58) master of arts.
- EMORY UNIVERSITY---Norman Alejandro Maloney (M.S.'52) doctor of philosophy.

UNIVERSITY OF MINNESOTA  
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William T. Harris, Jr.  
Director, University News Service

- ECOLE NATIONAL DES BEAUX-ARTS D'ALGER---Freddy Marcel Munoz (Graduate '53) master of fine arts.
- ECOLE NATIONALE SUPERIEURE DES BEAUX-ARTS---Freddy Marcel Munoz (Graduate '56) master of fine arts.
- GENERAL BEADLE STATE TEACHERS COLLEGE---Beatrice Pearl Sear (B.S. '52) master of arts.
- GERMAN HIGHER TECHNICAL SCHOOL---Ludmila Alexeev (Graduate '43) master of arts.
- GIESEGARD FORESTRY SCHOOL---Knud Erik Clausen (Graduate '49) doctor of philosophy.
- GRINNELL COLLEGE---Gerald Marshall Fort (B.A. '41) doctor of philosophy.
- GUJARAT UNIVERSITY---Chandulal Nathalal Patel (B.Pharm.'50, M.Pharm.'58) master of science.
- GUSTAVUS ADOLPHUS COLLEGE---Erma Louise Anderson (B.A. '36) master of arts; Donald H. Jacobson (B.S. '53) master of arts; Wendell August Johnson (B.A.'53) master of science in ophthalmology; Boyd Charles Meyer (B. A. cum laude '50) master of arts; Grant Emanuel Peterson (B.A. '51) master of arts; Lewis E. Peterson (B.S. '50) master of arts; Donna Elaine Steffenson (B.A. cum laude '51) master of arts; Matthew Lee Webster (B.S. '51) master of arts.
- HAMBURG, UNIVERSITY OF---Ernst Wilhelm Keck (M.D. '54) master of science in medicine.
- HAMILTON COLLEGE---John Barnes Smith (B.A. '56) master of arts; Hermann Menges, Jr. (B.A. '53) master of science in medicine.
- HAMLIN UNIVERSITY---Ronald Crosby Barrett (B.A. cum laude '56) master of arts; Burle Alden Force (B.A. '50) master of arts; Joseph Warren Hutton, Jr. (B.A. '50) master of arts; Earl Robert Ireland (B.S. '56) master of arts; Nels Elmer Kempainen (B.A. '48) master of arts; Richard Lee Peterson (B.S. '59) master of arts.
- HARVARD UNIVERSITY---Daniel Christopher Neale (B.A. '53) doctor of philosophy.
- HEBREW UNIVERSITY---Joseph Goldstein (B.A. '58) master of arts.
- HOLY CROSS, COLLEGE OF THE---Dustin Whittier Wilson, Jr. (B.S. '47) doctor of philosophy.
- HOUSTON, UNIVERSITY OF---Charles Edwin Ledbetter (B.A. cum laude '57) master of arts.
- HOWARD UNIVERSITY---Stuart Leslie Scheiner (M.D. '54) master of science.
- ILLINOIS, UNIVERSITY OF---Robert Koncos (B.S. with honors '56) doctor of philosophy.
- IOWA STATE TEACHERS COLLEGE---Mildred Evelyn Mortenson (B.A. '38) master of arts.
- IOWA, STATE UNIVERSITY OF---Louis James Maher, Jr. (B.A. with highest distinction '55, M.S. '59) doctor of philosophy; Julia Maria Morrison (B.A. '57, M.F.A.'60) master of arts; William Richard Myers (B.A. '52, M.D. '54) master of science in medicine; Ruth I. Nielsen (B.A. '50) master of arts.
- JEFFERSON MEDICAL COLLEGE---Marvin Louis Lewbart (M.D. '57) doctor of philosophy.
- KARACHI, UNIVERSITY OF---Mohammed Umer Chapra (B.Com.'54, M.Com.'56) doctor of philosophy.
- KEIO UNIVERSITY---Akiko Tokuzo (B.A. '55) master of arts.
- KENTUCKY, UNIVERSITY OF---Wei-ping Liu (M.S. in Agr.'55) doctor of philosophy.
- KENYON COLLEGE---James Gettier Kennedy (B.A. summa cum laude '54) doctor of philosophy; Warren August Schaller, Jr. (B.A. cum laude '59) master of arts.

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LAWRENCE COLLEGE---William Eugene Bowman (B.S. '48) master of arts.

LOPEZ JAENA MEMORIAL COLLEGE---Florenca Santiago Medina (B.S.E. with honors '54)  
master of arts.

LUTHER COLLEGE---Harlan Alexander Bang (B.A. '56) master of arts; John Robert  
Dennis (B.A. '48) master of arts. (Frederick W. Peterson (B.Th.'57)

LUTHER THEOLOGICAL SEMINARY---Paul Carlot Oas (B.Th.'56) master of arts, / Ph.D.

MACALESTER COLLEGE---Earl Parker Holdridge (B.S. '55) master of arts; WWilliam B.  
Koenen (B.A. '50) master of arts; Daniel Christopher Neale (M.Ed.'55) doctor of  
philosophy; Richard Lester Stanton (B.A. '51) master of arts.

MANITOBA, UNIVERSITY OF---Clifford Joseph Robson (B.A. '39, B.Ed. '54) doctor of  
philosophy.

MANKATO STATE COLLEGE---Raymond James King (B.S. '40) master of arts; Barry Keith  
Noack (B.S. '57) master of arts; Olive J. Toft (B.S. '45) master of arts.

MAYVILLE STATE TEACHERS COLLEGE---Harold Jerome Opgrand (B.S. '56) master of arts;  
Robert Allan Stuart (B.S. '54) master of arts.

MICHIGAN STATE UNIVERSITY---Kenneth Norman DeYoung (B.A. '56, M.A. '57) doctor  
of philosophy.

MINOT STATE TEACHERS COLLEGE---Willard Benjamin Holo (B.S. '51) master of arts.

MISSISSIPPI STATE COLLEGE FOR WOMEN---Astrid Karstad (B.A. magna cum laude '60)  
master of arts.

MOORHEAD STATE COLLEGE---Kenneth Edward Garland (B.S. '54, B.A. '54) master of arts;  
Richard Allen Hermes (B.S. '54) master of arts; Duane C. Scribner (B.S. '53)  
master of arts; Charles Allen Sloan (B.S. '56) master of arts.

NATIONAL CHENGCHI UNIVERSITY---Wei-ping Liu (B.S. '48) doctor of philosophy.

NATIONAL TAIWON UNIVERSITY---Chuen-cheng Fu (B.S. '56) doctor of philosophy;  
Amy Chu-Ching Ling (B.A. '56) master of arts.

NEW YORK, STATE UNIVERSITY OF---Donald George Bujnowski (B.S. '60) master of arts.

NORTH CENTRAL COLLEGE---Richard William Mahlman (B.A. '44) doctor of philosophy.

NORTHWESTERN COLLEGE---Edward A. Pond (B.A. cum laude '58) master of arts.

NORTHWEST NAZARENE COLLEGE---Joseph Bartel Michel (B.A. '56) master of arts.

\*OHIO STATE UNIVERSITY---Ralph Everett Balyeat (B.E.E. '28) doctor of philosophy.

OKLAHOMA, UNIVERSITY OF---Margaret Jane Green (B.A. '59) master of arts.

OXFORD, UNIVERSITY OF---John Fraser (B.A. '53, M.A. '55) doctor of philosophy.

PEDAGOGICA, UNIVERSITY---Julia Guzman-Naranjo (B.S. '42) doctor of philosophy.

PENNSYLVANIA STATE UNIVERSITY---Ronald Clement Althouse (B.A. '60) master of arts;  
Francis Philip Neumann (B.S.F. '58) master of science.

PENNSYLVANIA, UNIVERSITY OF---Elbert Lynn Marsh (B.S. with distinction '59)  
master of science.

PHILADELPHIA COLLEGE OF PHARMACY AND SCIENCE---Marvin Louis Lewbart (B.Sc.'51,  
M.Sc.'53) doctor of philosophy.

PHILIPPINE NORMAL COLLEGE---Nerissa Dato Forbes (B.S.E.E. magna cum laude '58)  
master of arts; Norma Ualaf Ramirez (B.S.E.E. cum laude '57) master of arts.

PHILIPPINES, UNIVERSITY OF THE---Norma Alejandro Maloney (B.S. Phar. cum laude '48)  
doctor of philosophy; Florenca Santiago Medina (M.P.A. '60) master of arts.

PHILIPPINE WOMEN'S UNIVERSITY, THE---Exaltacion Malvar Castillo (B.A. magna cum  
laude '57) master of arts.

\*OHIO STATE UNIVERSITY, THE---Charles Floyd Simpson (M.Sc.'55) doctor of philosophy.

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Director, University News Service

- PRINCETON UNIVERSITY---Nicholas Presley Barker (B.A. summa cum laude '59) master of arts.
- PUERTO RICO, UNIVERSITY OF---Arturo Colon-Romero (B.A. magna cum laude '56) master of arts.
- PURDUE UNIVERSITY---Charles Melvin Unger (B.S.A.E. '56) master of science in aeronautical engineering.
- QUEENS COLLEGE (N.Y.)---Marta Safar Gurtoff (B.A. '59) master of arts; Philip Witonsky (B.S. '53) doctor of philosophy.
- RAJSHAHI COLLEGE---Muhammad Abdul Bari Mallik (B.S. '49) master of science.
- RANDOLPH MACON COLLEGE---Donald Rider Holsinger (B.S. '51) master of science in medicine.
- RUTGERS UNIVERSITY---Charles Floyd Simpson (B.S. in Agric. '40) doctor of philosophy.
- ST. CATHERINE'S COLLEGE---Sister Mary Paul DeMouilly (B.A. '55) master of arts; Minh Chi Thi Vu (B.A. '59) master of arts.
- ST. CLOUD STATE COLLEGE---James Roger Dimick (B.S. '52) master of arts; Robert Thomas Kennedy (B.S. '52) master of arts; Charles Michael Schomer (B.S. cum laude '55) master of arts; Angelo Temple (B.S. '56) master of arts; Ralph Orms Vessey (B.S. '58) master of arts; VivaDelle Chilstrom Whitt (B.S. '55) master of arts.
- ST. JOHN'S UNIVERSITY (MINN.)---Robert Verne Bresnahan (B.A. '57) master of arts; Arthur Michael Kremer (B.A. '50) master of arts.
- ST. MARY'S COLLEGE (MINN.)---Robert Alfred Redig (B.A. '53) master of arts.
- ST. OLAF COLLEGE---Alfred Larson Roe (B.A. magna cum laude '57) master of arts; Alvin Benjamin Ness (B.A. '33) master of arts; Meryl Willis Nichols (B.M. '51) master of arts; Frederick William Peterson (B.A. magna cum laude '54) doctor of philosophy; Hartwick O. Roslien (B.A. '32) master of arts.
- ST. SCHOLASTICA, COLLEGE OF---Sister Mary Carol Braun (B.A. '46) master of arts.
- ST. TERESA, COLLEGE OF---Anne C. Michelich (B.S. '36) master of arts.
- ST. THOMAS, COLLEGE OF---James Joseph Leigh (B.S. summa cum laude '55) doctor of philosophy; Martin Joseph Lynch (B.A. '50) master of arts.
- SASKATCHEWAN, UNIVERSITY OF---Bruce Fleming (B.A. with great distinction '41) master of arts.
- SEOUL NATIONAL UNIVERSITY---Du Hwan Jang (D.V.M. '56) master of science.
- STOUT INSTITUTE, THE---Raymond Leland Cornwell (B.S. '49, M.S. '52) doctor of philosophy; Virginia Johnson Grundsted (B.S. '50) master of arts.
- SWARTHMORE COLLEGE---Lois Jean Hood (B.A. '59) master of arts.
- SYRACUSE UNIVERSITY---Stuart Leslie Scheiner (B.A. magna cum laude '49) master of science.

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Director, University News Service

- TAIWAN COLLEGE OF ENGINEERING---Der-Sheng Liu (B.S.C. '54) master of science in electrical engineering.
- TEXAS, AGRICULTURAL AND MECHANICAL COLLEGE OF---Johnie Lee Reeves (D.V.M. '50) doctor of philosophy.
- TOLEDO, UNIVERSITY OF---Ralph Everett Balyeat (M.A. '43) doctor of philosophy.
- TUFTS UNIVERSITY---William Monroe Michener (M.D. '55) master of science in pediatrics.
- UTKAL UNIVERSITY---Sarbeswar Das (B.A. (Hons.) '44) master of arts.
- VANDER COOK COLLEGE OF MUSIC---George Richard Borich (B.Mus.Ed. '53) master of arts.
- VIRGINIA, MEDICAL COLLEGE OF---Donald Rider Holsinger (M.D. '55) master of science in medicine.
- WARTBURG COLLEGE---Elizabeth Ann Martin (B.A. '56) master of arts.
- WASHINGTON UNIVERSITY---Julia Guzman-Naranjo (M.S. '45) doctor of philosophy.
- WASHINGTON, UNIVERSITY OF---Lee A. Borah, Jr. (M.S. '56) doctor of philosophy.
- WESTERN COLLEGE FOR WOMEN---Helen Aungst Manfull (B.A. magna cum laude '55) doctor of philosophy.
- WESTERN RESERVE UNIVERSITY---Hermann Menges, Jr. (M.D. '57) master of science in medicine; Dustin Whittier Wilson, Jr. (M.A. '48) doctor of philosophy.
- WEST MICHIGAN UNIVERSITY---Glen Ward Albrechtsen (B.A. '57) master of arts.
- WHEATON COLLEGE (ILL.)---Roger Lowell Nichols (B.S. '49) master of arts.
- WINONA STATE COLLEGE---Ellen Evelyn Adele Olson (B.S. '56) master of arts; Calmer Tilbert Strand (B.S. '52) master of arts.
- WISCONSIN STATE COLLEGE (EAU CLAIRE)---Ronald LeRoy Duncanson (B.S. '51) doctor of philosophy; Lloyd Harold Joyal, Jr. (B.S. '54) master of arts.
- WISCONSIN STATE COLLEGE (LA CROSSE)---Marvin Judson Miller (B.S. '50) master of arts.
- WISCONSIN STATE COLLEGE (MILWAUKEE)---Ruth Alldredge Weideman (B.S. '38) master of arts.
- WISCONSIN STATE COLLEGE (RIVER FALLS)---Robert William McCardle (B.S. '49) master of arts; William Bruce McDougall (B.S. '55) master of arts; Robert George Potosnak (B.S. '51) master of science.
- WISCONSIN STATE COLLEGE (SUPERIOR)---Harold Roland Anderson (B.S. '51) master of arts; Walter Hard (B.S. '52) master of arts; Donald Eugene Jostad (B.S. '57) master of arts.
- WISCONSIN, UNIVERSITY OF---Patricia Marie Gough (B.S. '58) master of science.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM.BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
AUGUST 22, 1961

'U' ALUMNI FIELD  
REPRESENTATIVE NAMED

(FOR IMMEDIATE RELEASE)

Dennis G. Swan, 6040 14th ave., S., Minneapolis, has been named by the University of Minnesota Alumni association to the post of assistant to the director of alumni relations. The appointment is effective immediately. Swan succeeds Harlan White, who held the post for the last year.

A 1959 graduate of the University with a bachelor of science degree, Swan will serve as field representative for the alumni association, according to Edwin L. Haislet, director of alumni relations. In this capacity, Swan will work with the association's clubs in various communities throughout Minnesota.

After graduation from the University, Swan served with the United States Air Force, assigned as a staff sergeant at Turner Air Force base in Georgia and on a short tour of duty on Guam island in the Pacific ocean.

-UNS-

UNIVERSITY OF MINNESOTA  
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MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
AUGUST 22, 1961

'U' PROFESSOR  
HONORED FOR BOOK  
ON POPULATION CONTROL

(FOR RELEASE THURSDAY, AUGUST 24, 1961)

Reuben L. Hill, University of Minnesota sociology professor, was honored Wednesday (August 23) at the annual conference of the National Council on Family Relations in Salt Lake City, Utah, for his book "The Family and Population Control", which he co-authored.

Professor Hill and co-authors J. Mayone Stycos and Kurt W. Back were presented the NCFR's Ernest W. Burgess Award for the best published family research monograph for the 1959-60 biennium.

The award, a certificate of achievement, was presented by Professor Gerald R. Leslie of Purdue university, award committee chairman, during the national council's meeting at the University of Utah.

"The Family and Population Control", published in 1959, is a study of the population explosion based on a survey of some 3,000 families in Puerto Rico. The survey, supported by the Puerto Rican government, was undertaken by the University of Puerto Rico in cooperation with the University of North Carolina to find out how Puerto Ricans could be persuaded to have smaller families. Besides proposing a population control program for Puerto Rico, the book deals with the implications of the problem for society in general.

UNIVERSITY OF MINNESOTA  
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AUGUST 22, 1961

(FOR IMMEDIATE RELEASE)

Four distinguished Englishmen will review their careers on a series of taped programs to be broadcast on KUOM, University of Minnesota radio station, at 4:45 p. m. on successive Mondays beginning August 28.

Lord William Norman Birkett, noted jurist, will give the first of the fifteen-minute talks this coming week. He will both look backward and forward on his career, relating the past to what the future may hold.

Other speakers will be Sir Julian Huxley, scientist and author, Sept. 4; Lord Boyd Orr, jurist, Sept. 11; and Bertrand Russell, mathematician and philosopher, Sept. 18.

-UNS-

UNIVERSITY OF MINNESOTA  
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FEderal 2-8158 EXT. 6700  
AUGUST 28, 1961

PHYSICS TALK  
ON KUOM TONIGHT

(FOR IMMEDIATE RELEASE)

"The Unpredictable Atom", a talk by Edward Teller, noted nuclear physicist and professor-at-large, Lawrence Radiation laboratory, University of California (Berkeley), will be broadcast over the University of Minnesota radio station KUOM Tuesday (August 29) at 7 p. m.

Professor Teller has been professor of physics at George Washington university, Columbia university, and the University of Chicago. He was a physicist with the Manhattan Project from 1942-46 at both the University of Chicago and Los Alamos, New Mexico.

This talk was originally delivered May 18 at Macalester college as the 1961 Otto Bremer Foundation Distinguished Lecture in Science. It was first broadcast on KUOM May 23.

Professor Teller's speech is the concluding program in KUOM's annual summer series of "Significant Speeches", presenting outstanding talks for rebroadcast.

-UNS-

UNIVERSITY OF MINNESOTA  
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FEderal 2-8158 EXT. 6700  
AUGUST 28, 1961

'U' PROFESSOR  
TO VISIT RUSSIA,  
YUGOSLAVIA

(FOR IMMEDIATE RELEASE)

Professor Lorenz G. Straub, director of the University of Minnesota's St. Anthony Falls Hydraulic laboratory and civil engineering department head, will leave Tuesday (August 29) to attend International Association for Hydraulic Research meetings in Yugoslavia.

Professor Straub is a past president and member of the governing council of the association and was elected an honorary member at the last international meeting.

Following the Yugoslavia meetings, he will spend some time visiting with professional hydraulic engineering colleagues in Russia.

-UNS-

U OF M EXPECTS  
RECORD ENROLLMENT  
FALL QUARTER

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM. BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
AUGUST 29, 1961

(FOR IMMEDIATE RELEASE)

Minneapolis --- Enrollment at the University of Minnesota this fall, based on the progress of admissions and registrations to date, is expected to exceed 29,000 on all four campuses---Minneapolis, St. Paul, Duluth and Morris, according to R. E. Summers, dean of admissions and records.

This will be the largest student attendance in the history of the University, he added.

Classes will begin Sept. 25 on the four campuses. Official attendance will not be known until after the second week of classes.

New students planning to enter the University this fall were reminded by Dean Summers of the Sept. 15 deadline for completion of admission procedures. The deadline was set this year to assure new students of maximum planning help and counseling services before the start of classes.

Admissions of new students, Dean Summers reported, are running about 1,000 ahead of those at the corresponding time last year. This figure applies to the total on all four campuses. The 1960 fall attendance was 28,277, just 35 short of the all-time high of 28,312 recorded in 1947.

"Although, as has been customary in past years, not all students admitted to date are expected to be in attendance when the official fall count is taken, there is every reason to believe that the student body will exceed that of a year ago," Dean Summers said.

He also pointed out that "this student body undoubtedly will represent the best-selected group academically in the history of the University".

Although there have been no major changes in the University's admission requirements, Dean Summers explained that a greater selectivity in admitting students has resulted from what the admissions office has observed is a "general

(MORE)

tightening up of the application of the admission rules by the various colleges of the University".

"Therefore," he observed, "the larger number of students anticipated this fall does not reflect any relaxation of standards, but rather, we believe, it represents the demand on the part of more well-prepared and able young people to avail themselves of higher education."

Advance registration and orientation of new students has been underway since August 1 and will continue in most colleges of the University until mid-September.

UNIVERSITY OF MINNESOTA  
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MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
AUGUST 31, 1961

NATIONAL AUTO  
CRASH CONFERENCE  
SLATED AT U OF M

(FOR IMMEDIATE RELEASE)

Minneapolis --- Some 100 Safety engineers and medical personnel from throughout the nation are expected to attend the fifth Stapp Automotive Crash and Field Demonstration conference Sept. 14-16 at the University of Minnesota Center for Continuation Study.

Designed to tackle ways of reducing automobile deaths and injuries through study of improved safety engineering, the conference was originated by and is named after Colonel John Paul Stapp, assistant for Aerospace Medicine, Advanced Studies Group at Brooks Air Force Base, Texas.

Colonel Stapp, who will be one of the main speakers on the program, is a 1943 graduate of the University's medical school and a recipient of the University's Outstanding Achievement Award, presented to alumni who have distinguished themselves in their chosen fields.

This will be the second time the conference has been held in Minnesota. The fourth Stapp conference was conducted here in 1959.

A new feature of this year's conference will be participation by the American Association of Automotive Medicine (AAAM), a branch of the American Medical association. This group of physicians, which has made several studies of highway crash injuries, will hold its annual convention at the Leamington hotel in Minneapolis in conjunction with the Stapp conference.

(MORE)

The AAAM will conduct the Friday morning program Sept. 15 devoted to discussion on various types of injuries.

In addition to Colonel Stapp, the faculty will include engineers, automotive consultants, physicians, public health officials and educators from nine states and the District of Columbia.

Two persons will participate in a crash demonstration with a 1959 model car to demonstrate the effectiveness of hydraulic bumpers, automatic seat belts, padded steering post and recessed dash in preventive crash injuries. Some of these safety features have been developed or tested by James J. Ryan, University of Minnesota mechanical engineering professor and director of the conference.

The car will be driven at 30 miles an hour into a barricade to simulate high speed crash conditions on the highway.

Colonel Stapp will give the concluding lecture of the conference, speaking at 3 p. m. Saturday, Sept. 16, on the topic "After Seat Belts---What?".

The conference will be sponsored by the University's Center for Continuation Study and the mechanical engineering department, in cooperation with groups interested in automotive safety.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM. BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
SEPTEMBER 1, 1961

4 \*U\* JOURNALISM  
PROFESSORS NAMED  
TO NATIONAL OFFICE

(FOR IMMEDIATE RELEASE)

Four University of Minnesota journalism professors were named to national office at the annual convention this week, Aug. 28-31, of the Association for Education in Journalism (AEJ) at the University of Michigan at Ann Arbor.

Professor Robert L. Jones, director of the University of Minnesota school of journalism, was elected vice president of the American Association of Schools and Departments of Journalism, a subsidiary group of the AEJ consisting of the directors of the 48 accredited schools of journalism in the United States.

Professor Roy E. Carter, director of journalism research, was named chairman of the AEJ's Council on Communications Research.

Professor Edwin Emery was re-elected as one of seven AEJ representatives on the American Council on Education for Journalism, an accrediting organization for the nation's journalism schools and departments.

Professor Raymond B. Nixon was re-elected to a three-year term as editor of the Journalism Quarterly, research publication, which he has headed since 1945.

-UNS-

UNIVERSITY OF MINNESOTA  
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SEPTEMBER 1, 1961

'U' PHYSICISTS  
PRESENT PAPERS  
AT JAPAN MEETINGS

(FOR IMMEDIATE RELEASE)

Three University of Minnesota physicists will present papers Sept. 4-15 before the International Union of Geodesy and Geophysics and the International Union of Pure and Applied Physics at annual meetings in Kyoto, Japan.

They are Professor John R. Winckler, Professor Edward P. Ney and Praful Bhavsar, research fellow, all of the physics department. Each will present two papers on topics concerning solar cosmic rays, auroral phenomena, and cosmic X rays.

Professor Winckler recently returned from the International Astronomical Union meeting in Berkeley, Calif., attended by principal astronomers from throughout the world.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM. BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
September 5, 1961

'U' BALLOONISTS TO STUDY LOSS  
OF ENERGY FROM VAN ALLEN BELTS

(Released simultaneously by  
National Science Foundation  
and Office of Naval Research)

(FOR RELEASE THURSDAY, SEPT. 7)

Minneapolis --- A team of University of Minnesota and University of California scientists will send up a series of balloon flights the last two weeks in September to study loss of radiation from the Van Allen radiation belts.

The project will be sponsored by the National Science Foundation and the Office of Naval Research as part of the University of Minnesota's program of "continuous balloon monitoring of cosmic rays" and under a special grant to the University of California.

Directing the flights will be Professor John R. Winckler of the University of Minnesota physics department and Professor Kinsey Anderson of the University of California, Berkeley.

Launchings will be made simultaneously from airports at four sites on a longitudinal line from Flin Flon, Manitoba, Canada, to Waterloo, Iowa. Minneapolis and International Falls, Minn., will be the other two sites.

This is believed to be the first time simultaneous balloon measurements have been made of the Van Allen radiation belts, according to an Office of Naval Research spokesman.

Professor Anderson will have charge of the Manitoba station and the other three sites will be manned by the Minnesota team, which includes student as well as staff researchers.

First of the five flights will be made Friday, Sept. 15.

The most intense part of the outer Van Allen radiation belt dips down directly over Minneapolis on the magnetic latitude of 55 degrees, making this area particularly suitable for the study, according to Professor Winckler. The other launching sites lie north and south of the peak intensity.

(MORE)

Dubbed the "Dumping Profile" experiment because of the nature of the phenomenon being studied, the project will try to determine how much of the trapped radiation in the Van Allen belts finds its way into the earth's atmosphere and the relationship of the electrons "dumped" out of the belt to the geographic latitude over North America.

"Ultimately, we want to understand how this intense radiation was built up in the outer zone of the belt," Professor Winckler said. "If we find out how much radiation is coming out of the belt, we can make some deductions about the energy process which fills the belts."

Evidence so far has shown, he added, that the amount of energy in the belt is too great to have originated from particles which are secondary to the cosmic rays in the earth's atmosphere---as believed by some investigators.

"We feel that understanding the origin/and relationship of the inner belt to the outer belt is tied closely to solar activity," Professor Winckler explained.

Loss of radiation from the belts was detected two years ago in data gathered by University of Minnesota equipment aboard the satellite Explorer VI. This data showed that the radiation count in the outer belt went down at the same time that aurora appeared in the earth's atmosphere and X rays were found in the atmosphere.

The aurora and the X rays had first led scientists to suspect that some of the radiation was dropping out of the belts.

Professor Winckler early this year proposed to the National Science Foundation that, as part of the University of Minnesota's project of continuous balloon monitoring of cosmic rays, experiments be made to study the loss of energy from the Van Allen belts.

Balloons used by the Minnesota team in the new series of flights will be the same as those used in the monitoring program---100,000 cubic feet in size and capable of reaching an altitude of 25 miles.

The University of California team will launch balloons provided by Raven Industries of Sioux Falls, S. D., under contract with the Office of Naval Research.

(MORE)

The loss of radiation from the Van Allen belts will be represented by X rays measured by equipment in the balloons.

The Minnesota balloons will carry an X-ray detector specially designed for this project by Praful D. Bhavsar, research fellow in physics from India, and Michael A. Weed, 4241 Dupont ave., S., Minneapolis, a second year physics major, with the assistance of staff engineer Robert L. Howard. Also associated with Professor Winckler in the project are David J. Hofmann, graduate student in physics, 2501 Lowry ave., N. E., and Sharad Kane, graduate student from India.

Adapted from equipment used in the continuous monitoring project, the new scintillator detector to be used to study the Van Allen belts is the size of a sugar canister---and looks like one when the metal cover is in place. The unit includes an electronic photo multiplier tube. X rays from electrons striking the atmosphere are captured in a sodium iodide crystal on top of the photo tube and are recorded by electronic circuits constructed from transistors.

By means of telephone communication, balloons will be launched simultaneously from the four project stations. About two hours will be required for the balloons to reach an altitude of 25 miles.

"After they're up, depending on the winds, we hope to get 15 to 20 hours of level flight from each balloon," Professor Winckler said.

Temporary launch buildings have been erected at the four stations to hold the inflated balloons until the exact launch moment. These buildings are constructed of standard scaffolding put on wheels and covered with heavy nylon cloth.

Flights will be made both during days when there is intensive solar activity and on "quiet" days, when this activity is at a minimum, according to Professor Winckler.

The researchers will be able to determine solar activity by a magnetic indicator located at the University of Minnesota airport launch station and by ionospheric meters located at Minneapolis and Flin Flon, Manitoba.

(MORE)

Professor Winckler said chances for a solar storm during the project period will be about 50-50, based on past studies of intense solar activity.

Because the United States satellite Explorer XII and the State University of Iowa "Little Injun" satellite will be passing in orbit through the Van Allen belts at the same time the balloons will be in flight, Professor Winckler predicted that the research group "will have a very good chance to correlate results of what we find in the atmosphere with what goes on in the belts."

-UNS-

HINDU STUDENTS  
AT 'U' TO FORM  
UNIQUE GROUP

UNIVERSITY OF MINNESOTA  
NEWS SERVICE --214 ADI. BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
SEPTEMBER 6, 1961

(FOR IMMEDIATE RELEASE)

Minneapolis--- Hindu students at the University of Minnesota will assemble Friday evening (Sept. 18) to attend the inaugural function of the Hindu Association of the University of Minnesota.

"This meeting will mark the establishment of the first formal religious organization of Hindus in the history of Hinduism," according to Ramineni Ayyanna, 721 15th ave., S.E., Minneapolis, financial secretary of the association and University graduate student in economics.

The meeting, open to the public, will be held at 7:30 p.m. in Mayo Memorial auditorium.

The Hindu association, Ayyanna said, is organizing to promote unity, universal brotherhood and love through the study of Hinduism. It will celebrate Hindu festivals and arrange or sponsor seminars and social activities. It will become a member of the University Council of Student Religious Organizations, sponsored by the Dean of Students Office.

While the organizational work of the new Hindu group has been done by University students, Ayyanna said, the association and its functions will be open to any Hindus in the Twin Cities area as well as to members of other religious denominations interested in Hindus and their religion. Ayyanna is a native of Brahmanakodur, Guntur District, Andhra state, India.

Following the invocation songs, N.Hari Dam, University graduate student in journalism, will speak on "Hinduism in Modern Times". Professor Henry E.Allen, student religious activities coordinator, will deliver the inaugural address on "Hinduism and Higher Education---East and West". Refreshments and an informal "get acquainted" period will conclude the program.

--UNS--

BUSINESS SCHOOL  
AT 'U' TO INSTALL  
GIFT COMPUTER

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM. BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
SEPTEMBER 8, 1961

(FOR IMMEDIATE RELEASE)

Minneapolis --- The University of Minnesota school of business administration this month will install a \$500,000 electronic computer to be used in student training and in faculty and graduate student research.

The computer---a Univac Solid-State 80---will be given to the University by Remington Rand Univac for joint use by the University in its academic programs and by Remington Rand in training Univac sales and educational personnel.

Under terms of a contract between the company and the University, the computer will become University property after three years of joint use---which would make the transfer date sometime in 1964.

The computer will be installed on the ground floor of Vincent hall, the school of business administration building on the Minneapolis campus.

University faculty and students will use the computer during daytime class hours, and Univac trainees will use the machine in the evenings, according to Dean Paul V. Grambsch of the school of business administration. Dormitory facilities also will be made available to Univac personnel.

Dean Grambsch described the Univac Solid-State 80 as a "medium-sized" computer. The seven-unit system includes a central processor, a high-speed card reader, a printer and four tape storage units. It stores 50,000 digits, prints 600 lines per minute and can read data off cards at the rate of 600 words per minute. It carries out computings and data processing operations in millionths of seconds, so fast that it can work a complicated addition problem in only 85/1,000,000 of a second.

The school of business administration plans to use the new computer for student business management "games," for research and for classes in computer programming and operation, Dean Grambsch said. Other University departments also will be invited to use the computer if scheduling permits, he added.

Remington Rand Univac, a division of Sperry Rand corporation, has set up similar national training centers for its personnel at Emory university, Atlanta, Ga.; Purdue university, Lafayette, Ind.; and the University of Southern California, Los Angeles.

UNIVERSITY OF MINNESOTA  
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Federal 2-8158 EXT. 6700  
SEPTEMBER 8, 1961

'FITNESS FOR ALL'  
TOPIC OF SPORTS  
SHOW ON CH. 2

(FOR IMMEDIATE RELEASE)

Physical fitness for persons of all ages will be the topic discussed and demonstrated on the eighth "Time for Sports" program at 9 p. m. Tuesday (Sept. 12) on KTCA-TV, Channel 2.

Richard Donnelly, assistant director of physical education for men at the University of Minnesota, is the program host and coordinator and will conduct the program with the aid of physical fitness experts and a group of boys and girls from the Twin Cities.

Dr. William E. Proffitt, Jr., chairman of the Governor's Physical Fitness Advisory committee and physician to the Minnesota Twins baseball team, will explain the meaning of good physical fitness and its advantages to the individual and to the country. He and Donnelly will demonstrate the various tests now used to measure fitness and make suggestions as to how better physical fitness may be acquired.

Carl Knutson, supervisor for health, physical education, safety and recreation for the State of Minnesota, will point out how local school and recreational agencies are using their facilities to cooperate in state and national programs to improve the general level of fitness in this country.

"Time for Sports" is a nine-program series produced by the University of Minnesota television staff for broadcast on Tuesday evenings during the summer months over KTCA-TV, Channel 2.

-UNS-

SCHOOL CURRICULUM LEADERS  
TO CONFER AT MINNESOTA 'U'

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM. BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
SEPTEMBER 8, 1961

(FOR IMMEDIATE RELEASE)

Minneapolis --- Some 100 leaders in school curriculum planning from throughout the nation will attend a National Conference on Curriculum Experimentation Sept. 25-28 at the University of Minnesota Center for Continuation Study in Minneapolis.

Designed to define the national interest in curriculum research and development, the conference will bring together representatives of professional societies, public and private supporting agencies, state education departments and citizens' groups actively interested in improvement of elementary and secondary school curricula.

Professor Paul C. Rosenbloom of the University of Minnesota, planning committee chairman, said the conference, in addition to setting forth goals and policies, will have these three purposes:

1. Exchange of information on current problems, experimentation, findings and developments in curriculum experimentation.
2. Drafting of recommendations for coordination, planning and dissemination of information.
3. Establishment of lines of communication among those responsible for policy.

The conference will be conducted by the University of Minnesota in cooperation with the Minnesota state department of education. It will be supported by the United States Office of Education, the National Science Foundation and the Louis W. and Maud Hill Family Foundation of St. Paul, Minn.

Among speakers will be United States Senator Jennings Randolph from West Virginia; J. Boyer Jarvis, special assistant to the United States commissioner of education; Harry Kelly, assistant director of the National Science Foundation; Ralph Tyler, director of the Stanford university center for advanced study in the behavioral sciences; and Robert C. Stephenson, executive director of the American Geological institute.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM. BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
SEPTEMBER 11, 1961

KUOM TO AIR  
SCHULLER'S KLEE  
THEME STUDIES

(FOR IMMEDIATE RELEASE)

Gunther Schuller's "Seven Studies on Themes of Paul Klee" will be broadcast on the "Afternoon Concert" program on KUOM, University of Minnesota radio station, at 2:30 p. m. Thursday (Sept. 14).

This work, on a recently released recording by the Minneapolis Symphony Orchestra, was commissioned under a grant from the Ford Foundation. Since its premiere in Minneapolis, it has been performed in several other music centers.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM. BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
SEPTEMBER 11, 1961

REGENTS TO MEET  
AT 'U' FRIDAY

(FOR IMMEDIATE RELEASE)

The Board of Regents of the University of Minnesota will meet at 10 a. m.  
Friday (Sept. 15) in Room 238 Administration building on the Minneapolis  
campus.

-UNS-

U OF M EVENING  
CLASS REGISTRATION  
NOW UNDERWAY

UNIVERSITY OF MINNESOTA  
NEWS SERVICE---214 ADM. BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
SEPTEMBER 11, 1961

(FOR IMMEDIATE RELEASE)

Minneapolis --- Registration for University of Minnesota fall evening classes is underway and will continue through Wednesday, Sept. 20.

More than 400 courses in subjects ranging from literature and history to engineering and business administration will be offered, according to Associate Dean Huntington Miller of the general extension division, director of the department of evening and special classes.

Dean Miller estimated that approximately 10,000 persons from the Twin Cities area and Duluth will register for University evening classes.

Classes will be offered on the Minneapolis, St. Paul and Duluth campuses and at the general extension division center in St. Paul. A number of art classes will be offered at, and in co-operation with, the Minneapolis School of Art, Walker Art Center and the St. Paul Gallery.

Among new courses of special interest which will be offered this year are Business Law of Insurance, aimed at laymen who have no background in the field, and Business News and Feature Writing, for journalists.

Other courses to be offered for the first time include History of the American West, Interpretation of Poetry, The Classical Epic, Modern Russian History, World Religions, American Political Thought, Beginning Persian, Contemporary Labor Issues, Child Rearing, Geodetic Surveying and Transistor Principles.

Registration may be made at 57 Nicholson hall on the Minneapolis campus; 690 Northwestern Bank building, Minneapolis; and 555 Wabasha street, St. Paul. Office hours are 12:30 to 4:30 and 5:30 to 8 p. m. weekdays, and 9 a. m. to 1 p. m. on Saturdays.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE --214 ADM. BLDG.  
MINNEAPOLIS 14 MINNESOTA  
Federal 2-8158 EXT.6700  
SEPTEMBER 12, 1961

ALBRIGHT TO GIVE  
THEOLOGY LECTURE  
SERIES AT U OF M

(FOR IMMEDIATE RELEASE)

William Foxwell Albright, orientalist, philosopher and emeritus professor of Semitic languages at Johns Hopkins university, will serve as the University of Minnesota's visiting professor of theology during the fall quarter.

"Faith in Search of Understanding (Archaeology and the Sources of Western Religion)" will be the theme of a series of eight public lectures by Professor Albright. The Tuesday evening series will begin October 10, according to Professor D. Burnham Terrell, philosophy department chairman. The lectures, sponsored by the University's college of science, literature and the arts through the philosophy department, will be given at 8 p.m. in Murphy hall auditorium.

Professor Albright's lecture topics will be:

- Oct. 10--"Ancient History Becomes Contemporary"
- Oct. 17--"Archaeology as Interpreter of Religious Tradition"
- Oct. 24--"Religion and Culture in the Oldest Civilizations"
- Oct. 31--"The Flowering of Higher Culture in the Ancient East"
- Nov. 7 --"From Moses to Samuel: The Spiritual Adventure of Early Israel"
- Nov. 14--"The Triumph of Empirical Logic in the Old Testament"
- Nov. 21--"The Hellenic Miracle: From Empirical Reasoning to Postulational Logic"
- Nov. 28--"Between Essenes and Gnostics: The Place of the New Testament in Religious History"

Born in South America of missionary parents, Professor Albright came to this country in 1903. He received his doctor of philosophy degree in Semitic languages from Johns Hopkins in 1916. He was in the Near East from 1919 to 1936, serving 11 years as director of the American School of Research in Jerusalem. He also has headed many archaeological expeditions including the University of California African and Sinai expedition, 1947-48.

(MORE)

---Albright

Professor Albright was the W.W. Spence professor of Semitic Languages at Johns Hopkins university from 1929 to 1958. He holds over a score of honorary degrees, including degrees from Yale, St. Andrews (Scotland), Trinity College (Dublin), Utrecht (Holland), Oslo (Norway), Uppsala (Sweden) and the Hebrew university in Jerusalem. He is a member of the National Academy of Sciences (Section of Anthropology), the American Philosophical society in Philadelphia and the American Academy of Arts and Sciences as well as of the national academies of France, Austria, Denmark, Flanders and Ireland. From 1956 to 1959 he was president of the International Organization of Old Testament Scholars. He has published over 800 books, pamphlets and papers on archaeology, bibliography and oriental subjects including "The Excavation of Tell Beit Mirsem" and "From the Stone Age to Christianity".

Since becoming emeritus professor in 1958 Professor Albright has taught at the Jewish Theological Seminary of America (Conservative), at the Hebrew Union College-Jewish Institute of Religion (Reformed), at the Pittsburgh Theological Seminary (Presbyterian) and at Harvard University department of philosophy. In 1961 he received a \$10,000 prize from the American Council of Learned Societies "for distinguished contributions to the humanities".

In addition to the weekly public lecture series, Professor Albright also will conduct a seminar in the University philosophy department under the general title "History and Philosophy of Theology". The seminar's specific topic, according to Terrell, will be "Modes of Thought in Antiquity: Protological, Empirical, Postulational (Rational)". Interested graduate students may contact the philosophy department before the seminar organizational meeting Wednesday, Oct. 11.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM. BLDG.  
MINNEAPOLIS 14, MINNESOTA  
Federal 2-8158 EXT. 6700  
SEPTEMBER 13, 1961

MEDICAL SCHOOL  
ADMISSION TEST  
DEADLINE SET

(FOR IMMEDIATE RELEASE)

Senior high school students and prospective pre-medical college students in Minnesota who are planning to apply for admission to medical colleges in the fall of 1962 are advised by University of Minnesota student counseling bureau officials that applications for the Medical College Admission Test must be made before Oct. 21.

All applicants who are seeking admission to member colleges of the Association of American Medical Colleges must take this test before their applications can be considered.

In Minnesota, the test will be given at two of the University's campuses--- at the student counseling bureau on the Minneapolis campus and at the student personnel office at the University of Minnesota, Duluth. Applications for the test may be obtained through these two offices, either in person or by mail, or through pre-medic advisers in other state high schools and colleges. They also may be obtained by direct written request to The Psychological Corporation, 304 East 45th street, New York 17, N. Y.

The examination fee of \$15 includes reports for up to three medical colleges of the student's indicated choice. Each additional report costs \$1. Scores are reported directly to the medical colleges indicated on the student's application.

These tests are designed to measure the prospective medical student's general academic ability, his understanding of modern society and his scientific knowledge. They are given by The Psychological Corporation under the auspices of the Association of American Medical Colleges.

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PROFESSOR HILL  
WILL LECTURE  
IN YUGOSLAVIA

(FOR IMMEDIATE RELEASE)

Reuben L. Hill, University of Minnesota sociology professor, will present a paper at an international conference and will deliver three lectures in Yugoslavia this month.

He will deliver a paper entitled "Cross-National Family Research: Attempts and Prospects" at the Fifth International Seminar on Family Research Sept. 18-24 in Opatija, Yugoslavia. Professor Hill is chairman of the Family Sociology section of the International Sociological association, which operates the seminar.

The next week, Sept. 24-28, he will lecture at the Sociology Institute in Ljubljana, Yugoslavia, on the topics "Family Sociology in Europe and America", "Theoretical Frameworks Used in Family Research" and "Strategies in Designing and Executing Family Research". The lectures will be given under the auspices of the United States embassy.

After the lectures, Professor Hill will go to Belgium, where he will spend the coming school year, 1961-62, on leave of absence from the University of Minnesota, as a Fulbright lecturer in family sociology at the University of Louvain. He will train graduate students in family research and will carry out a study of urban family structure and functioning.

-UNS-

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'U' ATTENDANCE  
ESTIMATE UPPEd

(FOR IMMEDIATE RELEASE)

Minneapolis --- University of Minnesota officials today predicted an earlier fall quarter enrollment estimate of 29,000 students will be exceeded substantially as freshman admissions and registration of upperclassmen continue to surpass expectations.

Dean R. E. Summers of admissions and records said approximately 2,000 more admissions---freshmen and transfer students---had been processed as of last week than at the corresponding time a year ago.

Payment of fee statements was running about 1,000 ahead of last year, when fall quarter enrollment totaled 28,277, just 35 under the attendance record of 28,312 rung up in 1947.

"The earlier estimate last month that the University would have 29,000 students on all of its campuses will surely be exceeded," Dean Summers said. "Not only have more new students been admitted and registered than had been dealt with at the corresponding time last year, but there are indications that former students are returning in unusual proportions."

The total enrollment estimate applies to all four campuses---Minneapolis, St. Paul, Duluth and Morris.

The new estimate of fall attendance came as the deadline of Friday (Sept. 15) neared for completion of admission applications. The cutoff date was set for the first time this year in order to insure new students of maximum planning help and counseling services before the start of classes Sept. 25.

Dean Summers said reasons for the increase in rggistrations to date "have not been clearly identified, and, since registration will continue for several days yet, the outcome cannot be judged with certainty until after the official attendance count is taken after Oct. 7".

(MORE)

"There are indications some of the increase may be related to the current military situation, but we can only speculate as to the cause of the influx," Dean Summers said.

Major registration increases and problems in accommodating students to date are occurring in the college of science, literature and the arts and in the general college.

"We know that in some study areas in these colleges, and at certain levels, classes are filled and substitute or newly opened class sections are filling rapidly," Dean Summers said.

Many students are finding they cannot get into some class sections at the popular hours in the mid-morning, but many sections are still open later in the afternoon.

Dean E. W. McDiarmid of the college of science, literature and the arts said the college had budgeted for about the same size freshman class as last year, with the possibility of a little increase.

"With the unexpected increase in enrollment to date, we will not be able to offer as many sections in some classes as probably will be needed," he said.

"Some class sections are being added where we are able to obtain qualified instructors."

He explained that the instructional staff is being increased by adjusting funds within the 1961-62 budget, and reassigning some funds from the winter and spring quarter budgets to the fall quarter budget.

Several additional teaching assistants are being hired and some graduate students have been engaged to help out the regular faculty members in handling large quiz sections. In some cases, part-time and full-time instructors have been assigned additional teaching duties.

No full-time faculty members have been added, largely because it is impossible to obtain qualified instructors on this basis at this late date, according to Dean McDiarmid.

(MORE)

Because some class sections are filled, some students may find it necessary to juggle their schedules a little, according to Dean McDiarmid. Some students, for example, may find it necessary to postpone some required freshman courses until winter and spring quarters.

Beginning languages, mathematics and English are areas most affected by the increase in registration. Freshman English poses a particular problem in providing enough sections, because the class limit is 28 students, a limit set because the course involves a great deal of writing with need for personal attention and correction of many papers.

In the long run, University officials said, all students will be accommodated. Closing of class sections has been a problem every year as the registration deadline nears, although, they noted, the problem has been more widespread this year due to the unexpected number of registrations.

No housing shortages are anticipated, but the increased registrations have had their effect both in dormitory and off-campus housing. Don Finlayson, director of University housing, said dormitory contracts are running about 900 ahead of last year. Mabelle G. McCullough, director of the student housing bureau---off-campus housing---said the bureau has the least number of sleeping room vacancies that it has had in the last 10 years.

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\$3 MILLION U. S.  
GRANT GIVEN 'U'  
FOR HEART STUDIES

(FOR RELEASE 10:30 A. M. FRIDAY, SEPT. 15)

Minneapolis --- The University of Minnesota has been awarded a seven-year grant totaling \$3,136,550 by the United States Public Health Service to expand and strengthen its heart research program through establishment of a clinical cardiovascular research center.

The "center" will be integrated within existing departments of the medical school now engaged in heart studies, and will not operate as a separate physical unit, according to Dean Robert B. Howard of the college of medical sciences.

Dean Howard said the "center" will exist separately only as an administrative program under his office. Dr. Robert A. Good, pediatrics professor, will serve as scientific director. He heads the dean's cardiovascular coordinating committee, an advisory group on heart research representing several departments of the college. Dr. Howard and Dr. Good will coordinate research projects under the grant.

Dr. Howard said the grant will enable the medical school to strengthen and expand its program of clinical (pertaining to patients) studies of heart disorders by:

1. Providing support for hospitalization in University hospitals of selected research patients with heart disease and of normal controls (persons without heart disorders) while laboratory studies on them are being carried out. A total of 2,000 bed-days annually, or on the average of seven beds daily, will be provided.

Follow-up studies on patients who have undergone heart surgery at the University hospitals will be one of the first programs made possible by the grant. Dr. Howard said these studies will be aimed at "seeing how successful we have been in restoring normal heart functions to these patients".

(MORE)

2. Enabling the medical school to add several faculty researchers who will devote a majority of their time to heart studies and to provide them with continued support. Several present staff researchers, now working under year-to-year grants, also will be given ongoing support.

3. Permitting a multi-disciplinary approach to complex research problems by the various departments of the medical school. A central recording system to facilitate analysis of studies being carried out in the various departments will be established.

Dean Howard said the grant ultimately will provide places for seven additional professors and 10 assistant professors on a permanent basis and for several research assistants.

A major project will be establishment of a multi-disciplinary research unit to make extensive studies of human cardiac function. This unit will bring together researchers from medicine, surgery, pediatrics, physiology and laboratory medicine.

"Although our medical school possesses excellent facilities in the Variety Club Heart hospital and highly competent personnel devoted to diagnostic heart catheterization, there has not been commensurate advancement here in extensive research utilization of these and related techniques," Dr. Howard said.

He noted that laboratory space for such studies on heart physiology is "exceedingly limited at the moment".

"It is hoped," he said, "that some building project will evolve which will allow us more space for a clinical cardiac physiology laboratory."

At present, the grant does not provide for additional building, but does provide for some equipment. Electronic computing equipment for processing and recording data on research projects will be installed.

The grant for the first fiscal year, 1961-62, will total \$377,600. Additional grants will be given annually in the amounts of \$508,700, \$468,450 and \$445,450 the last four years.

(MORE)

Departments involved in cardiovascular research which will be affected by the grant are physiology, physiological hygiene, medicine, physical medicine, pediatrics, laboratory medicine and surgery.

Among problems to be studied are those in the fields of cardiovascular physiology, cardiac surgery, basic vascular physiology (study of blood vessel functioning), electrical physiology and related fields such as immunology, protein chemistry, coagulation mechanisms and nucleic acid metabolism.

"This new program in no sense will be a replacement of other kinds of programs and other kinds of support for heart research which we have had in the past," Dr. Howard said.

"We have had a large cardiovascular research program for many years with support from the Minnesota Heart association and the American Heart association, as well as from the Public Health Service," he noted. "It was this kind of support over the years which has made it possible for us to come to the level of excellence in this field that has made the Public Health Service want to establish a center of this kind here."

Minnesota is one of several research centers in various types of medicine to be established under a new program of Public Health Service grants.

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DUKE PROFESSOR  
TO SPEAK AT 'U'  
LABOR LAW MEET

(FOR IMMEDIATE RELEASE)

Arthur Larson, Duke university law professor and one-time consultant to President Eisenhower, will address a University of Minnesota training institute Oct. 13 on workmen's compensation laws.

The one-day conference, conducted by the Center for Continuation Study, will be devoted to discussions of the recently expanded federal wage and hour law, problems arising under the State Unemployment Compensation Act and rights of the disabled worker.

Professor Larson, who was a special consultant on labor laws to former President Eisenhower in 1957-58, has had a varied career as lawyer, educator, college administrator and statesman. He was undersecretary of labor in 1954-56 and director of the United States Information Agency in 1956-57. Since 1958, he has been director of the World Rule of Law center at Duke university, Durham, N.C.

He is the author of several books, including "The Law of Workmen's Compensation", "Know Your Social Security", "A Republican Looks at His Party" and "What We Are For".

Registration for the conference may be made by writing to the Director, Center for Continuation Study, University of Minnesota, Minneapolis 14, Minn.

The conference is co-sponsored by the University's law school and the Continuation center and the labor law section of the Minnesota State Bar association.

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'U' PROFESSOR  
GIVEN YEAR'S  
STUDY GRANT

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(FOR RELEASE SUNDAY, SEPT. 19)

Robert T. Holt, associate professor of political science at the University of Minnesota, has been named one of 45 scholars and scientists in the behavioral sciences awarded fellowships at the Center for Advanced Study in the Behavioral Sciences, Stanford, Calif., for the 1961-1962 academic year.

Professor Holt, 458 Otis ave., St. Paul, has been granted a leave of absence from his work at the University to accept the fellowship. He and his family left for California in August.

The list of fellows, according to Ralph W. Tyler, center director, represents 30 different universities and colleges or research institutions in this country and abroad. The fellows represent many different fields of study---- anthropology, archaeology, biology, economics, education, English, history, law, mathematics, philosophy, physics, political science, psychiatry, psychology and sociology.

Professor Holt is one of the six political scientists selected this year to work in this field.

The center opened in 1954 as a new kind of institution for the study of human behavior. Funds for its operation were provided originally by the Ford Foundation, are now obtained from a variety of additional sources. It gives mature scholars a year of freedom from the duties and distractions which accompany normal residence in colleges or universities, according to Tyler, "providing them with an opportunity to come together in one place to help one another to gain new skills and insights and to work upon common problems in addition to their individual study projects."

"The primary influence of the experience of each fellow at the center will be reflected in his future research and in the training of other researchers as he resumes his regular activities in his home institution", Tyler added.

--UNS--

CALIFORNIA MAN  
TO DIRECT 'U'  
CHORAL WORK

UNIVERSITY OF MINNESOTA  
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(FOR IMMEDIATE RELEASE)

Several tons of unpacked books, including the "Gesellschaft"---- the complete works of Johann Sebastian Bach----- are cluttering the University of Minnesota office of Donald B.Aird, new music department staff member who will direct the University's choral work for the coming year.

Aird, an assistant professor of music, will direct the women's glee club, the University Chorus and the University Chamber Singers.

He directed the University Summer Chorus this year and prepared the chorus and the Workshop for Choral Art members in the preliminary work for the Robert Shaw production of the Verdi "Requeim". He is a member of the American Guild of Organists and the National Association of American Composers and Conductors.

A graduate of San Francisco State college where he received both the bachelor and the master of arts degrees, Aird, who plays and teaches the organ and directs choral groups but whose "real love", he says, is composing, served as an Army Air Force radar technologist in Italy from 1942-45.

Most of his musical career has centered in California where he has taught courses, played the organ and worked in visual aid departments at Stanford university, Dominican College of San Rafael, San Jose State college, the University of California (Berkeley) and the Church Divinity School of the Pacific. As director of the Berkeley Chamber Singers from 1949-1958, he gave demonstration rehearsal programs for television, concerts and special radio programs in the Bay Area, special concerts throughout California and made special recordings for Music Library records.

He also was the musical director for the Company of the Golden Hind, Berkeley, directing incidental music for Shakespearan productions and was opera director for the company's production of Mozart's "Cosi Fan Tutti".

MORE

CHORAL DIRECTOR-----

Aird won a chamber music scholarship with the Grillar string quartet at the San Francisco Conservatory of Music and a scholarship for organ study in Florence, Italy, at the Cherubini Conservatory of Music. He also received the Helen S. Anstead award for the best orchestral composition of 1960 in Southern California. He has published two anthems and was commissioned to compose the festival anthem for St. Mark's church, Berkeley.

In 1953 Aird married soprano Carol Brooke, soloist for the Berkeley Chamber singers. He has accompanied her in radio and concert work and they premiered Paul Hindemuth's "Das Marienleben" in the San Francisco Bay area.

The Airds and their two children----- both born while Aird was playing the organ for church services----- are living at 41 Arthur st., S.E., Minneapolis.

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THEATER COURSE  
FOR 'U' CREDIT  
SLATED ON CH. 2

(FOR IMMEDIATE RELEASE)

A three-credit telecourse, "Introduction to the Theater", will be among new University of Minnesota television programs this fall on KTCA-TV, Channel 2.

The course will begin Tuesday, Sept. 26, and will be televised from 9 to 10 p. m. each Tuesday and Friday through Dec. 22.

Arthur H. Ballet, associate professor of speech, will teach the course, catalogued as Speech 31. A study of the history and theory of plays and playwrights, and of the arts and crafts of the theater, Speech 31 has been one of the most popular offerings in the college of science, literature and the arts.

Credit for the course is offered through the University's correspondence study department and may be earned by paying an enrollment fee of \$24, watching Professor Ballet's lectures on television and submitting required papers and examinations. A fourth credit, required if the student plans to pursue the University's theater arts curriculum, may be earned by participating in laboratory work at the University Theater. An additional fee also is required for the fourth credit.

Further information may be obtained by writing to the Correspondence Study Department, 254 Nicholson Hall, University of Minnesota, Minneapolis 14.

"The History of Civilization", a lecture series on the rise of the bureaucratic-police state, will be televised each Monday and Thursday from 9 to 9:30 p. m., beginning Sept. 25. The lecturer will be John B. Wolf, University history professor. A detailed outline of the series with suggested readings for each topic may be obtained free of charge by writing to University of Minnesota television, Minneapolis 14.

(MORE)

A full-hour potpourri of interesting people and ideas will be offered on the "Folio" program at 9 p. m. Wednesdays. Announcer Arnold Walker will be the guide for the hour-long show, which will include interviews with prominent individuals from all over the world, demonstrations of skills from a variety of fields and artistic performances ranging from folk singing to Greek tragedy.

The "World Affairs" program at 9:30 p. m. each Monday will feature newspaper columnist George Grim in a series of interviews with guest experts from the community and the University.

The 26 weekly programs are produced by the University in cooperation with the Minnesota World Affairs Center and the Minneapolis Star's program of information on world affairs.

At 9:30 p. m. each Thursday, "Town and Country" will provide helpful information for home-makers, gardeners and farmers. Produced by the agricultural extension service on the St. Paul campus, this series features Associate Professor Ray Wolf and guest experts.

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(FOR SUNDAY RELEASE)

UNIVERSITY OF MINNESOTA MUSIC DEPARTMENT NOTES:

Donald B. Aird, newly appointed choral music director at the University of Minnesota, announced today (Sunday, Sept. 24) that the University Chamber Singers will perform Johann Sebastian Bach's "Johannes Passion" this season.

The select group of Chamber Singers will be increased to about 35 voices, Aird said. Interested singers in the Twin Cities area who are not University students are urged to contact him in his Scott hall office, and to register for work with the group through the University General Extension Division. This is the first time that the extension division courses have been opened to include work with special musical groups.

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The 300-member University of Minnesota Chorus will join with the Minneapolis Symphony Orchestra for a special concert December 8 when the combined organizations, under the direction of Maestro Skrowaczewski, present the Beethoven "Ninth Symphony". The combined groups also will be directed by Skrowaczewski in the regular season's final concert April 20 (Good Friday) at which they will present the Szymanowski "Stabat Mater".

The University Chorus and a symphony orchestra also will be directed by Donald B. Aird, newly appointed choral music director at the University, in a late season concert in which they will perform Brahms' "Nanie", Haydn's "Te Deum" and the Stravinsky "Symphony of Psalms".

Membership in the University Chorus is open to any University student, whether registered in regular daytime classes, evening classes or extension division work, Aird said.

--UNS--

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WILLEY RENAMED  
SOCIAL SCIENCE  
RESEARCH TRUSTEE

(FOR IMMEDIATE RELEASE)

At the annual meeting of the Social Science Research Council last week in Skytop, Pa., Malcolm M. Willey, University of Minnesota vice president for academic administration, was reelected a member-at-large of the board of trustees.

-UNS-

UNIVERSITY OF MINNESOTA  
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PERSIAN COURSE  
OFFERED IN 'U'  
EVENING SCHOOL

(FOR IMMEDIATE RELEASE)

An evening school course in beginning Persian will be offered by the University of Minnesota beginning next week through the general extension division and the department of Slavic and Oriental languages.

The classes will be taught by Hashem Fatemi, a medical graduate student from Teheran. Time of classes will be subject to change according to the students' wishes, according to Professor Richard B. Mather, chairman of the department of Slavic and Oriental languages.

The department also will offer a new course in beginning Hindi, the language of northern India, starting this fall in day classes. Instructor for the course will be A. O. Prakash of Delhi, India, a University graduate student. This course will be offered as part of the University's South Asia Studies program.

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SEPTEMBER 20, 1961

'U' ARTS COLLEGE  
ADDS FRESHMAN  
ENGLISH CLASSES

(FOR IMMEDIATE RELEASE)

Dean E. W. McDiarmid of the University of Minnssota college of science, literature and the arts announced today that additional class sections of freshman English have been opened to accommodate the heavy influx of first year students.

Dean McDiarmid said his office was particularly anxious to notify freshmen who have completed registration and are not signed up for English this fall quarter because class sections were filled earlier. Classes begin Monday (Sept. 25).

Three new sections have been added first and second hours in the morning. Other places are open in fourth, fifth and seventh hour sections.

Dean McDiarmid said additional teaching staff for the new sections was obtained just this week.

Freshman admissions in the college of science, literature and the arts were running about 20 percent ahead of last year. A record fall enrollment---somewhere between 29,800 and 30,500---is expected at the University.

-UNS-

JOINT RELEASE:  
MINNESOTA MEDICAL FOUNDATION AND  
UNIVERSITY OF MINNESOTA  
FROM: UNIVERSITY NEWS SERVICE  
214 ADM. BLDG.  
MINNEAPOLIS 14, MINN.  
FEderal 2-8158 EXT. 6700  
SEPTEMBER 22, 1961

DR. WATSON RECEIVES DISTINGUISHED  
SERVICE AWARD FROM FOUNDATION

(FOR RELEASE 11 A. M. MONDAY, SEPT. 25, 1961)

Minneapolis --- Dr. Cecil J. Watson, one of the University of Minnesota's foremost medical educators and scientists, received the Distinguished Service Award of the Minnesota Medical Foundation Monday (Sept. 25) morning at ceremonies in the University medical school.

Dr. Watson, professor and head of the department of medicine, was honored by surprise with a certificate and accompanying award which will pay him \$5,000 annually until retirement. The award was presented to Dr. Watson by Dr. Arnold Lazarow, foundation president, at Minnesota Medical Foundation Day ceremonies in Mayo Memorial auditorium. The full award was provided by a grant from the James F. Bell Foundation, Minneapolis. It will be effective for the next eight years.

This was the third such award given by the Minnesota Medical Foundation under its expanded program of private support for the University medical school. A year ago, similar awards were given to Dr. Maurice B. Visscher and Dr. Owen H. Wangenstein, also prominent medical school leaders and internationally known scientists.

Dr. Watson was cited for "exemplary achievement in teaching and research as a member of the faculty of the University of Minnesota Medical School, and for steadfast devotion to the Medical School, the University and to Medical Education".

The award presentation constituted a double recognition Monday for Dr. Watson, who was to be honored in the afternoon by some 200 former medical fellows and students who worked under his direction at the University. A scientific program entitled "Dr. Cecil J. Watson Recognition Day" was to be held from 2 to 5 p. m. in Mayo Memorial auditorium and a recognition dinner is scheduled at 6 p. m. in the Interlachen Country club, Minneapolis.

(MORE)

Dr. Watson, 60, is a native of Minneapolis and a 1925 graduate of the University of Minnesota medical school. He joined the faculty in 1932 and was named a full professor in 1940. He became head of the department of medicine in 1943. He resides at 3318 Edmund Boulevard, Minneapolis.

He is noted for research in liver disease and the metabolism of blood and bio-pigments. Many of the nation's outstanding clinical internists have trained under him at the University.

Dean Robert B. Howard announced that the college of medical sciences will recommend that the University's Board of Regents confer the academic title of "Distinguished Service Professor of Medicine" on Dr. Watson, complementing the Foundation's award.

Minnesota Medical Foundation Day ceremonies also included the awarding of \$26,000 in scholarships to 50 medical school students.

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50 'U' MEDICAL STUDENTS TO GET  
FOUNDATION SCHOLARSHIPS MONDAY

(FOR IMMEDIATE RELEASE)

Minneapolis --- Fifty medical students will be awarded scholarships and the head of the department of medicine will be honored in opening day ceremonies Monday (Sept. 25) at the University of Minnesota medical school.

Minnesota Medical Foundation Day will be observed at 11 a. m. in Mayo Memorial auditorium with the awarding by the foundation of \$26,000 in scholarships. The scholarships, in the amounts of \$500 and \$750, will go to 50 freshmen, sophomore, junior and senior students, selected on the basis of academic achievement and financial need. This year's awards constitute the largest group ever given under the Foundation's annual program, according to Dr. Arnold Lazarow, president. The Foundation now has distributed \$36,250 in scholarship awards to 265 medical students since the program was begun in 1950.

"Dr. Cecil J. Watson Recognition Day" will bring 200 former fellows and interns who have worked under the head of the University's department of medicine back to the campus for an afternoon scientific program and a recognition dinner in the evening. Papers on various aspects of medicine will be presented by nine former students of Dr. Watson at the 2 p. m. program in Mayo Memorial auditorium. The dinner, at 6 p. m. in the Interlachen Country club, Minneapolis, will feature an address by Dr. William Castle of Harvard medical school.

Dr. N. L. Gault, Jr., assistant dean of the medical school, will deliver the Minnesota Medical Foundation Day address on the topic "Korea---A New Venture in International Medical Education". Dr. Gault returned to his medical school post last month after completing two years as an adviser in medicine to Seoul National University school of medicine, under the American-Korean educational exchange program.

(MORE)

The Foundation's annual luncheon and membership meeting will follow the award ceremonies at 12:30 p. m. in Coffman Memorial Union.

Dr. Lazarow also announced the Foundation has awarded a \$2,500 grant for cancer research to Dr. Samuel Schwartz, professor of experimental medicine, to assist his overseas studies of X-ray sensitivity of tumors. Dr. Schwartz is conducting a new phase of his long term research during a one-year sabbatical leave at Hebrew university and the Weitzman institute, Israel.

The total of Foundation awards for medical research now has reached \$18,500 since an expanded program of private support for the medical school was launched in 1959. The Minnesota Medical Foundation is a 1,500-member organization of alumni, faculty, other physicians, students, businessmen and private citizens providing special types of assistance to the University of Minnesota medical school.

Medical school freshmen will be welcomed at the annual orientation program beginning at 9 a. m. in Mayo Memorial auditorium. Dean Robert B. Howard of the college of medical sciences will give the welcome and will introduce the medical school faculty to new students.

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LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS  
WEEK OF SEPTEMBER 23-OCTOBER 1

- Monday, Sept. 25 --Welcome and orientation for University of Minnesota medical school students, 9 a.m.; Minnesota Medical Foundation Day awards ceremony ,11 a.m.; Dr. Cecil Watson Recognition Day, 2 p.m., Mayo Memorial auditorium.
- Monday, Sept. 25 -- Grand opening, University of Minnesota Gallery's 1961-62 exhibition season: Open House, 2-5 p.m., University gallery, third and fourth floors, Northrop Memorial auditorium.  
Exhibitions: Leonard Baskin---sculpture, drawings and prints.  
Paul Jenkins---recent paintings. "Faces and Facades"--- photographs of the Minneapolis Gateway area by University art faculty Jerome Liebling and Robert Wilcox. Gallery open school hours and concert evenings.
- Thursday, September 28 --- University President O.Meredith Wilson will deliver the annual opening convocation address at 11:30 p.m., Northrop Memorial auditorium. Open to the public.

--UNS--

U OF M CHEMICAL  
ENGINEER CHIEF  
WINS AWARD

UNIVERSITY OF MINNESOTA  
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(FOR IMMEDIATE RELEASE)

Professor Neal R. Amundson, head of the University of Minnesota chemical engineering department, has been named winner of the 1961 William H. Walker Award of the American Institute of Chemical Engineers.

The award, consisting of a certificate and a plaque, is given annually to a member of the institute who has made outstanding contributions to the literature of chemical engineering.

Professor Amundson is editor of the Chemical Engineering Science and the Physical and Chemical Engineering Science Series for Prentice Hall publishers and has written 75 papers on technical subjects.

He will receive the award at the annual meeting of the American Institute of Chemical Engineers (AIChE) Dec. 3-7 in New York City.

A board member of Midwest Technical Development corporation, Plastics Corporation of America and Commercial Resins corporation, Professor Amundson also has been a consultant for Remington Rand Univac, General Mills, Westinghouse and Esso Research and Engineering.

He has been a member of the University of Minnesota faculty since 1949 and was graduated from the University with a bachelor of chemical engineering degree. He also received a master of science degree and the doctor of philosophy degree in mathematics from the University.

A post doctoral fellow in applied mathematics at Brown university, Amundson was a Fulbright Scholar and a Guggenheim Fellow at Cambridge university in 1954-55.

He is a member of the American Chemical Society and the American Society for Engineering Education.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM.BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEDERAL 2-8158 EXT. 6700  
SEPTEMBER 25, 1961

'U' ART EXHIBIT  
TO OPEN SATURDAY  
IN NEW BUILDING

(FOR RELEASE 11 A.M. THURSDAY, SEPT. 28)

Original paintings, sculpture, drawings and prints from the University of Minnesota's Gallery---choice pieces selected from the gallery's possessions and from the collection of the Tweed gallery, University of Minnesota, Duluth, will be a featured display of the University's observance of Legislators, Editors and Broadcasters Day Saturday (Sept. 30).

The display, open to the general public, will be on view in the court of the University's new Architecture building, directly across 17th ave. (Church st.) from the east side of Northrop Memorial auditorium.

While the Architecture building is open from 9 a.m. until 9 p.m., Sidney Simon, gallery director, has placed special emphasis on viewing the exhibition from noon till 6 p.m. on Saturday and Sunday afternoons. "After the football game, while traffic is clearing up, would be an excellent time to see the show on Saturday," Simon said. The exhibition will be on view through Friday, Oct. 6.

Typical of gallery "treasures" to be shown in the Architecture building court will be paintings by Georgia O'Keeffe, Feininger, Dove, Nordfeldt, Maurer and Hartley, prints by Kaethe Kollwitz and sculptures by John Rood, Saul Baizerman, Richier, Granlund, Lachaise and Litchitz.

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SEPTEMBER 25, 1961

'U' GALLERY  
SETS NEW  
SUNDAY HOURS

(FOR IMMEDIATE RELEASE)

With ~~the~~ opening of the 1961-62 academic exhibition year at the University of Minnesota Gallery, new and additional gallery-viewing hours also have been established, according to Sidney Simon, gallery director.

The University Gallery, traditionally open during school hours and on concert evenings will be open from 2 to 5 p.m. Sunday afternoons when twilight symphony concerts are not being presented, Simon said. The gallery's new schedule will start with afternoon hours this Sunday (Oct. 1), continuing through Oct. 8, 15 and 29. It will not be open Sunday, Oct. 22, as the first twilight concert of the season will be held on this date.

Three shows---bronze sculptures, drawings and prints by Leonard Baskin; recent paintings by Paul Jenkins, and "Faces and Facades", photographs of the Minneapolis Gateway area by University art faculty members Jerome Liebling and Robert Wilcox---are on view in the gallery's third and fourth floor exhibition space in Northrop Memorial auditorium. The Baskins and Jenkins shows will run through November 5, according to Simon, with the "Faces and Facades" show closing Oct. 29.

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SEPTEMBER 26, 1961

BALLOON FLIGHTS  
DETECT RUSSIAN  
NUCLEAR DEBRIS

(FOR IMMEDIATE RELEASE)

Minneapolis --- Debris from Russian nuclear test blasts earlier this month has been detected by instruments on two high-altitude balloon flights over Canada, according to University of Minnesota and University of California physicists.

The flights, launched from Flin Flon, Manitoba, were part of a series of balloon studies of the Van Allen radiation belts---areas of trapped radioactivity more than 700 miles above the earth.

Professor Kinsey Anderson of the University of California, Berkeley, was in charge of the Canada flights which detected fission fragments from the nuclear tests.

These fragments are in the form of very fine dust or gas, according to Professor John R. Winckler of the University of Minnesota. Winckler and Anderson are in charge of a joint project to study radiation dumped from the Van Allen belts into the earth's atmosphere.

Flin Flon is an estimated 5,000 to 8,000 miles from the Russian nuclear testing ground. Debris from the blasts was detected in the form of gamma rays at an altitude of 12,000 feet. The instruments which recorded the rays were designed to measure X-rays in the earth's atmosphere caused by energy particles from the Van Allen belts.

Detection of the blast fragments was an incidental, but not unexpected, finding in the balloon flights, according to Professor Winckler.

The flights also have yielded valuable information on the radiation escaping from the Van Allen belts, he said. Data recorded on the flights to date bears out previous evidence that the origin of radiation in the belts is related to solar activity.

(MORE)

Most recent of the flights was made Sunday (Sept. 24) night during a severe magnetic storm. Balloons reaching an altitude of 25 miles were launched simultaneously during the storm from Flin Flon, International Falls, Minn., Minneapolis and Waterloo, Iowa. Radiation escaping from the Van Allen belts, measured by instruments on these flights, was several hundred times greater Sunday night than that detected on flights made last week on days of minimum solar activity, according to Professor Winckler.

Sunday night's flight was the third in the series. Two more simultaneous launchings from the four stations were to be made this week.

The number of Van Allen electrons was found Sunday night to be at a maximum above International Falls, slightly less above Flin Flon and lower above Minneapolis and Waterloo. In fact, Professor Winckler said the amount of radiation above Waterloo was barely detectable.

During the storm, solar observations were stepped up at astronomical stations all around the globe. These observations were continued through Tuesday (Sept. 26). This data, and data gathered by instruments aboard the United States Satellite Explorer XII, which was orbiting through the belts at the time of the storm, will be correlated with the data recorded by the University of Minnesota and University of California balloon instruments. The Minnesota team, under the direction of Professor Winckler, mans the three stations in the United States. The project is conducted under grants from the National Science Foundation and Office of Naval Research.

Professor Winckler said the radiation dumped into the earth's atmosphere from the Van Allen belts is not intense enough to affect space craft and does not drift down to the earth.

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SEPTEMBER 26, 1961

NURSING SORORITY  
TO HEAR TALK  
ON LATIN AMERICA

(FOR IMMEDIATE RELEASE)

"The Present-Day Situation in Latin America and Its Implications" will be discussed by Herbert Bolanos, Guatemala City, a graduate student at the University of Minnesota, in the first of four program meetings of Sigma Theta Tau, honorary nursing sorority at the University.

The meeting will be held at 8 p.m. Wednesday (Oct. 4) in Room 320, Coffman Memorial Union.

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SEPTEMBER 26, 1961

PROGRAM TO AID  
STUTTERERS TO OPEN  
MONDAY AT 'U'

(FOR IMMEDIATE RELEASE)

A therapy program to assist persons who stutter will be offered at the University of Minnesota Speech and Hearing Clinic this fall, according to Ernest H. Henrikson, clinic director.

The 10-week program, beginning Monday (Oct. 2) will be held on consecutive monday evenings from 6:30 to 8:30 p.m. in Room 215, Shevlin hall on the Minneapolis campus.

"Anyone who stutters and is interested in receiving help is invited to attend the first session next Monday," Henrikson said. Further information may be obtained by calling the University Speech and Hearing Clinic, FEderal 2-8158, Ext. 6442.

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SEPTEMBER 26, 1961

'U' MAN NAMED  
TO INSURANCE  
FOUNDATION BOARD

(FOR IMMEDIATE RELEASE)

Professor C. Arthur Williams of the University of Minnesota's school of business administration has been appointed to the administrative board of the S. S. Huebner Foundation for Insurance Education at the University of Pennsylvania, according to President Gaylord P. Harnwell.

Williams, a University professor of economics and insurance, spent the 1960-61 academic year as a visiting professor at the Pennsylvania school.

Widely known as the author of numerous articles for insurance publications, Williams is the co-author of a text, "Economic and Social Security". From 1958-60, he was assistant editor of The Journal of Insurance and currently is a member of the executive committee of the American Risk and Insurance association and of the advisory board of the Minnesota compensation insurance board.

A recipient of the bachelor, master and doctor of philosophy degrees from Columbia university where he specialized in insurance, economics and mathematical statistics, Williams also has received a Ford Foundation faculty research fellowship.

Professor and Mrs. Williams and their two children live at 1856 Draper place, St. Paul.

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EDITORS, BROADCASTERS,  
LAWMAKERS GUESTS  
OF 'U' SATURDAY

UNIVERSITY OF MINNESOTA  
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SEPTEMBER 27, 1961

(FOR IMMEDIATE RELEASE)

Minneapolis --- The 1961 Legislators, Editors and Broadcasters Day at the University of Minnesota Saturday (Sept. 30) will bring some 1,000 newsmen and legislators from throughout the state to the Minneapolis campus.

Events will include tours of University facilities---including new units such as the school of architecture building and landmarks such as Northrop Memorial auditorium.

The visitors will have an opportunity to see themselves on closed circuit television in the studios of the department of radio and television broadcasting, to listen to foreign language recordings in the language laboratory and to view the operation of closed circuit television in dentistry classes.

Other stops on the tours will include the Masonic Memorial hospital, the Veterans of Foreign Wars Cancer Research center, the Minnesota Museum of Natural History and the James Ford Bell room in the library, all of which represent large contributions to the University's facilities by private individuals and organizations.

Forty exhibits from as many University departments will be on display in Williams Arena during the morning. A barbecue luncheon will be served in the Arena, beginning at 11 a. m., by members of the University's Block and Bridle club, composed of animal husbandry students.

Following the luncheon, the newsmen and legislators will attend the Minnesota-Missouri football game at 1:30 p.m. in Memorial stadium. Pre-game and half-time intertainment will be provided by some 5,400 musicians from 93 high school bands in Minnesota. "Pops from the Classics", a musical score written by Frank Bencriscutto, University bands director, and by James "Red" McLeod, will highlight the musical program. Each visiting band will be recognized individually in the parade around the running track preceding the game.

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SEPTEMBER 27, 1961

U OF M ATHLETIC  
SCHOLARSHIP DRIVE  
AIMS FOR \$66,700

(FOR IMMEDIATE RELEASE)

Minneapolis --- The University of Minnesota 1961 Henry L. Williams Scholarship Fund campaign---the only athletic scholarship program at the University---will need pledges totalling \$66,700 in order to meet athletic scholarship needs at the University for the 1961-62 academic year, according to Louis Gross of Minneapolis, campaign executive committee general chairman.

With the 1961 Williams Fund campaign executive committee headed by Gross--- tackle on the Minnesota teams of 1922-'23 and '24--St. Paul campaign activities are being directed by E. E. Engelbert of the St. Paul Book and Stationery company. Roy W. Larsen, Twin City Federal Savings and Loan Co., directs the Minneapolis campaign, Harry W. Zinsmaster, Zinsmaster Baking company, heads the Duluth area drive, and Theodore H. Rowell of Rowell Laboratories, Baudette, is running the Northern Minnesota effort.

Of the two types of athletic financial assistance---grants-in-aid and scholarships---available to scholastically qualified athletes under current Western Conference (Big Ten) rules, Gross explained, member schools may award scholarships to student-athletes without regard for the need-provision of the grant-in-aid program. These scholarships may not, however, exceed the basic costs of room, board, tuition and fees. Where scholarships are awarded on the basis of considerations other than athletic proficiency, they may exceed the cost provisions of the conference rules.

"Scholarships, therefore, play a vital role in recognizing the scholastic ability of superior student-athletes, Gross emphasized. "Funds for these scholarships at the University of Minnesota are provided solely through the Williams Fund."

(MORE)

Scholastic requirements for athletic scholarships for all member-schools are established by the Western Conference. The awards are made on the basis of the applicant's rank in his high school graduating class, his University grade point average and his progress toward a University degree.

Williams scholarships are granted through the University scholarship committee, with nominations submitted by the director of physical education and athletics. Recipients are awarded the scholarship assistance on a quarterly basis through the University bureau of loans and scholarships.

Since its establishment in 1949, the Williams Fund has provided financial help to 801 student-athletes, with a contribution total of \$311,700, according to Joseph H. Davidson, director of the Greater University Fund. During 1960, gifts of \$20,300 were received: to this was added \$7,000 profits from the annual Alumni-Varsity football game. To make up the deficit between the total receipts of \$27,300 and the year's scholarship awards of \$43,500, it was necessary to draw upon reserves developed in the early years of the fund.

As are all scholarships at the University, the Williams Scholarship Fund is completely financed by gift resources, Davidson said. Contributions marked "Williams Fund" payable to the University of Minnesota---may be sent to the Greater University Fund, 205 Coffman Memorial Union, University of Minnesota, Minneapolis 14. Contributions, Davidson pointed out, are eligible for tax deductions on both federal and state income tax returns. No administrative or fund-raising expenses are charged against the donations.

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FOREIGN STUDENTS  
TO BE WELCOMED  
AT 'U' SATURDAY

(FOR IMMEDIATE RELEASE)

Some 300 new foreign students and faculty members at the University of Minnesota will be the guests of honor Saturday (Sept. 30) at the 11th annual Welcome Party of the University International Student council.

The International Student Council represents approximately 1,200 foreign students registered at the University of Minnesota, according to the group's president, Ali Barzegar, an Iranian graduate student.

In charge of the program, which will open at 8 p. m. in Coffman Memorial Union's main ballroom, will be the group's master of ceremonies, Ghulam Mohamed. Following the Council's welcome to the new students by Mr. Barzegar, O. Meredith Wilson, University president, will welcome the new students to the University. Forrest G. Moore, University foreign student advisor, will speak on his office's work with the newcomers, and Thomas Olson, Minnesota Student association president, will speak on the student government organization.

Following the official welcomes, a program of native dances, folk songs and musical numbers will precede refreshments and a social hour. The entire program is open free to the public.

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PEACE CORPS  
RECRUITMENT  
MEET SLATED

(FOR IMMEDIATE RELEASE)

More than 2,000 educators, youth organization and religious leaders from Minnesota, Wisconsin and North and South Dakota have been invited to attend the Region Five Peace Corps recruitment conference Oct. 6-7 at the Leamington hotel, Minneapolis, according to William C. Rogers, conference host committee chairman and University of Minnesota World Affairs center director.

Following afternoon registration Friday (Oct. 6) and a "get-acquainted" session in the evening, the conference will open at 10 a. m. Saturday (Oct. 7) with a sketch of the origin of the Peace Corps idea, its meaning, implications and ideals. Staff members will present an outline of corps programming and projects at 10:15 a. m. "The Peace Corps Volunteer---who he is, how he was recruited, how he is to be cared for overseas---will be discussed by staff members at 11 a.m. University faculty members from campuses engaged in training corps members will give brief synopses of experiences and impressions gained in working with corps volunteers during a typical training cycle in the final morning's session at 11:30.

Warren W. Wiggins, Peace Corps deputy associate director for program development and operations, will speak at the group's 12:30 p.m. luncheon. In the afternoon program, registrants will be divided into five discussion groups covering types of volunteers needed, selection processes, recruitment, training and project development and administration. These groups will meet from 3:15 to 4:30 p.m. Following the conclusion of the discussion groups, a special session will be held for those actually wishing to join the corps personally.

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AUSTRALIAN PROF.  
TO SPEAK AT 'U'  
ON NEW GUINEA

(FOR IMMEDIATE RELEASE)

An Australian geographer will discuss the population problems of white and non-white peoples in New Guinea in a free public lecture at 10:30 a.m. Monday (Oct. 2) in Ford hall on the University of Minnesota campus.

The speaker will be Professor H.C. Brookfield, author and faculty member of the Australian National university of Canberra, Australia. His talk will be entitled "New Guinea Today".

His writings have dealt mainly with population problems in New Guinea and with various geographical aspects of the apartheid policy in southern Africa.

The lectures will be sponsored by the University of Minnesota's geography department and the department of concerts and lectures.

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DYLAN THOMAS  
RECORDING SLATED  
TUESDAY ON KUOM

(FOR IMMEDIATE RELEASE)

A recording of the late British poet Dylan Thomas reading his humor essay "A Visit to America" and several modern poems by British authors will be broadcast at 4 p. m. Tuesday (Oct. 3) on the KUOM radio program "Let It Be Said".

The program will be presented at 4 p. m. each Tuesday on KUOM, University of Minnesota radio station on 770 kc.

Other programs will include selections from the poetry of Robert Browning read by James Mason; selections from Robinson Jeffer's adaptation of "Medea" with Judith Anderson; portions of letters written by the late adventurer and explorer, Richard Halliburton; a documentary reviewing the historic sounds of special events and news reporting by radio; and a satire of American institutions by Stan Freberg entitled "The United States of America".

These all are selections from KUOM's library of spoken arts recordings.

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SEPTEMBER 29, 1961

JOURNALIST TO TELL  
OF TRIP AROUND  
CURTAIN'S EDGE

(FOR IMMEDIATE RELEASE)

Professor Raymond B. Nixon of the University of Minnesota school of journalism will report on a recent six-month's visit to Europe and the Middle East in a series of free public lectures entitled "Around the Curtain's Edge: Friends or Foes?" beginning Tuesday (Oct. 3).

He will discuss Berlin, Finland and Poland in the first lecture at 3:30 p. m. Tuesday in Murphy hall auditorium. The talk will be illustrated with slides.

During his visit to Germany, Professor Nixon had the unusual experience of meeting with journalists in East Berlin one morning, then addressing a meeting in West Berlin in the evening.

His trip, which was on assignment for the United States state department, included lectures to journalists and students in every country along the edge of the Soviet bloc, from Finland to Afghanistan. He also had been invited to visit Pakistan, but his time ran out before he had to return to his classes at the University of Minnesota the last week in September.

Professor Nixon's second lecture is set for Oct. 10, when he will report on Yugoslavia, Greece and Turkey. The final talk in the series will be given Oct. 17, when Nixon will deal with the Middle East.

On his recent trip, Professor Nixon presided over the biennial General Assembly of the International Association for Mass Communication Research at Vevey, Switzerland. He is midway through a four-year term as president of this UNESCO-sponsored organization.

The lectures will be sponsored by the University's school of journalism and the department of concerts and lectures.

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SEPTEMBER 29, 1961

LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS  
WEEK OF OCT. 1-8

- Sunday, Oct. 1 --- University Gallery has first Sunday opening, 2 to 5 p.m., third and fourth floors, Northrop Memorial auditorium, featuring shows of Leonard Baskin works, Paul Jenkins' paintings and "Faces and Facades", photographs of the Minneapolis Gateway area by University art faculty members Jerome Liebling and Robert Wilcox.
- Sunday-Friday,  
Oct. 1-6 --- University of Minnesota Gallery Possessions on display in School of Architecture building court, building open 9 a. m. to 9 p. m.
- Monday, Oct. 2 --- "New Guinea Today", lecture by Professor H. C. Brookfield, Australian National university, Canberra, Australia, 10:30 a. m., Room 285, Ford hall, open free to the public.
- Tuesday, Oct. 3 --- Illustrated lecture, "Around the Curtain's Edge: Friends or Foes?", Raymond B. Nixon, University of Minnesota journalism professor, discusses recent trip to Finland, Poland and Berlin, 3:30 p. m., Murphy hall auditorium, open free to the public.
- Thursday, Oct. 5 --- Musical program by the Bob Mantzke Choralaires, University of Minnesota convocation, 11:30 a. m., Northrop Memorial auditorium, open free to the public.
- Sunday, Oct. 8 --- Piano recital by Bernhard Weiser, University of Minnesota associate professor of music, 4:30 p.m., Northrop Memorial auditorium, open free to the public.

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'U' FOOTBALL BAND  
PREPARED TO WIN  
ADDED ACCLAIM

(FOR IMMEDIATE RELEASE)

Minneapolis --- One rainy afternoon in October 1959, the 150-member University of Minnesota Football Marching band dripped, tootled and sloshed through the endless maneuvers of a pre-game rehearsal on one of the University's asphalt-surfaced parking lots. Jerome Liebling---a camera-toting art department associate professor---wandered by. Result---an international film festival prize-winning short subject, "Pow-Wow".

One balmy winter's day in California---New Year's Day, 1961, to be exact--- the same band came in "loud and clear" with the "Minnesota Rouser" as the annual Rose Bowl festivities were televised nationally. The band was declared a winner.

This fall, the band's director, Frank Bencriscutto, merely grins and says, "Come and see!" when queried as to what he is going to use for an encore to the 1959 and 1960 toppers.

A sneak preview of the marching charts from which come the surreys with the fringe on top, the smoke-snorting wheel-revolving railroad trains and the pinwheeling formations that erupt to spell "Alma Mater" as the band plays appropriate mood music, shows it to be no idle invitation. With the University of Michigan band accompanying its team for the annual Homecoming festivities here on Oct. 28, the University band definitely plans to hold its own in the half-time competition. The band's Homecoming theme? Quote "Dr. Ben"---"come and see!".

In addition to performing at the six home games the Gophers have scheduled for the 1961 season, the band-members---students from all colleges of the University---will make their annual out-of-town trip when they accompany the team on its invasion of the University of Illinois Oct. 21.

(MORE)

New, in his capacity of assistant director, to the football marching band this year is Fred A. Nyline, a playing member of the band for the last four years. A graduate of the Hinckley high school and a member of the National High School Band and Orchestra in 1953-'54 and '55, Nyline also is a member of Phi Mu Alpha, sinfonia fraternity, and Phi Sigma Phi, band fraternity. He is past president of the University Bands and acted as staff band librarian for his junior and senior year as a student at the University.

Also new to this year's football band is the drum major, Dick Johnson, Anoka. A junior in the college of science, literature and the arts, he is majoring in German when not strutting down the field with his outsized baton. He plans to enter the University's law school in 1963. A percussionist in the University bands concert and ensemble, Johnson is president of the Band Social organization and a member of Chi Phi fraternity.

"Purtying-up" the scene, under the band's direction, are the band's own king-sized gopher and the Minnesota Student Association sponsored cheerleaders, male and female, and the Pom-Pon girls---all of whom add to the picture on a frosty October afternoon. So the team is winning? Lovely---the big bass drum pounds out the tempo for a locomotive cheer: so, Heaven forbid, we're losing? The band leads us in singing our undying loyalty "Minnesota, Hats Off To Thee"!

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'U' STUDENT UNION  
HEAD TO SPEAK  
IN DETROIT WED.

(FOR IMMEDIATE RELEASE)

Gordon L. Starr, director of student unions and assistant professor at the University of Minnesota, will speak at the forty-third annual meeting of the National Recreation Congress in Detroit, Wednesday (Oct. 4).

Professor Starr will speak on the subject "Why Recreation" at an American Recreation Society Research council luncheon. He also will present two other studies relating to the value of recreation.

In addition to teaching in the University of Minnesota recreation curriculum, Professor Starr has served on the National Recreation Standards Committee and the National Recreation Research Committee.

This past year he was Research Director of the National Industrial Advisory Committee on Recreation Research. He also has been a member of the National Advisory Committee on Recreation Research.

Professor Starr will participate in committee meetings during the six-day congress, which will be held October 1-6.

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OCTOBER 2, 1961

CHORALAIRES  
TO SING CONCERT  
AT 'U' THURSDAY

(FOR IMMEDIATE RELEASE)

The Bob Mantzke Choralaires will give a concert Thursday (Oct. 5) at a University of Minnesota convocation at 11:30 a. m. in Northrop Memorial auditorium.

A 33-member group of teachers, housewives, students and workers from many other fields, the Choralaires have won the Chicagoland Music Festival three times and the Minneapolis Aquatennial music contest seven times. The group also has appeared several times with the Minneapolis Symphony Orchestra and on national radio and television network shows.

The group's director, Robert Mantzke, is a graduate of the University of Minnesota and directs nine choirs in the Twin Cities.

The Choralaires' program at the University Thursday will include such familiar titles as "A Mighty Fortress Is Our God", "When the Saints", "The Battle Hymn of the Republic", theme from the motion picture "Exodus" and numbers from the Broadway show "Sound of Music".

The convocation will be sponsored by the University's department of concerts and lectures.

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OCTOBER 2, 1961

KUOM TO OFFER  
MUSIC OF INDIA  
IN NEW SERIES

(FOR IMMEDIATE RELEASE)

University of Minnesota radio station KUOM will join forces this fall with India's national broadcasting service, All India Radio (A.I.R.), in a new series designed to introduce Indian music to American listeners.

The series, "Music of India", will be presented on KUOM each Wednesday at 4:15 p. m., beginning this week (Oct. 4).

The programs will present "a panorama of Indian music", in an attempt to give a representative picture of the music of that nation. Indian classical music, folk music, light music and film music will be treated with equal interest.

The tone of the programs will be "at times serious and academic, but more often light and entertaining", according to Maurice J. Bernstein, producer.

"Many of our listeners may be surprised," says Bernstein, "to find Indian music pleasing to the Western ear. Much of it is very lively and rhythmic, and we have tried to select performances which will have special appeal to Americans."

The music, recorded by A.I.R. in New Delhi, features some of India's most prominent musicians.

Announcers for the series are two Indian students attending the University of Minnesota: Vasant Merchant, graduate student, former announcer for A.I.R. in Bombay; and Devendra P. Singh, institute of technology senior.

The series is also expected to be of interest to the more than 250 Indian students enrolled at the University this quarter.

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PUBLIC HEALTH  
LAW INSTITUTE  
SCHEDULED AT 'U'

(FOR IMMEDIATE RELEASE)

The University of Minnesota's ninth annual institute on public school law will be held Thursday, Friday and Saturday (Oct. 5-7) at the Center for Continuation Study on the Minneapolis campus.

Robert R. Hamilton, St. Paul, director of bar admissions in Minnesota and dean emeritus of the University of Wyoming college of law, will serve as guest lecturer during the three-day course.

Legal aspects of personnel administration in the public schools will be the chief topic of discussion for the school administrators, business managers, attorneys and board members who will attend.

Other speakers will include T. J. Berning, assistant Minnesota state commissioner of education; T. C. Engum, director of the elementary and secondary schools division in St. Paul; F. E. Heinemann, teacher personnel director of the Minnesota state education department; Paul W. Keve, director of court services for Hennepin County District court; Frank J. Murray, special assistant state attorney general; Kenneth R. Young, Hennepin County District court juvenile probation division supervisor.

University of Minnesota faculty members who will speak at the institute are Professor Otto Domian, director of the bureau of field studies and surveys; Dean Julius M. Nolte of the general extension division and Clifford P. Hooker, associate professor of education.

The Minnesota state department of education and the state attorney general's office will cooperate with the Center for Continuation Study and the University's college of education in conducting the institute.

UNIVERSITY OF MINNESOTA  
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OCTOBER 2, 1961

WEISER TO PLAY  
PIANO RECITAL  
AT 'U' SUNDAY

(FOR IMMEDIATE RELEASE)

Pianist Bernhard Weiser, associate professor of music at the University of Minnesota, will present a piano recital at 3:30 p.m. Sunday (Oct. 8) in Northrop Memorial auditorium. The free public program will include Beethoven's Sonata, opus 106 (Hammerklavier) and Chopin's Twelve Etudes, opus 10.

-UNS-

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OCTOBER 3, 1961

CHAMBER MUSIC  
CONCERT SERIES  
OFFERED AT 'U'

(FOR IMMEDIATE RELEASE)

"Chamber Music: Samples from a Golden Age, 1760-1830" will be presented by the University of Minnesota humanities program in a series of three free public concerts during October.

The first of these programs will be given at 8 p. m. Wednesday (Oct. 11) in the Minnesota Museum of Natural History auditorium. The University Trio will play Beethoven's Piano Trio in B flat major, Op. 97 ("Archduke") and Schubert's Piano Trio in B flat major, Op. 99.

Trio members are Professor Bernhard Weiser at the piano, Shirley Thompson on the violin and Paul Thomas, cello.

The Oct. 19 program will feature the Sewell String Quartet playing selections from Haydn, Mozart and Beethoven. Members of the quartet are Frederick Sewell, violin; Jane LaBerge, violin; Daniel Barach, viola; and Betty Anderson, cello.

The quartet also will present the third and final program Oct. 25, assisted by George Houle on the oboe and Arthur Freiwald on the viola.

Houle, assistant professor on the University's music department faculty, will give the commentary for all three programs.

The chamber music series is sponsored by the University's humanities program and the department of concerts and lectures and by the Music Performance Trust Fund of the Recording Industry (Local 73 of the American Federation of Music).

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OCTOBER 3, 1961

REGENTS TO HEAR  
PRESIDENT REPORT  
ON 'U' ENROLLMENT

(FOR IMMEDIATE RELEASE)

The University of Minnesota Board of Regents will meet at 9:30 a. m. Saturday (Oct. 7) in Room 238 Administration building on the Minneapolis campus.

President O. Meredith Wilson will report to the Regents on the University's fall quarter enrollment which is expected to reach a new high mark substantially above the 28,312 record of 1947---probably over 30,000.

-UNS-

'U' GEOLOGISTS TO EXPLORE  
HUGE MOUNTAINS IN ANTARCTICA

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OCTOBER 3, 1961

(FOR IMMEDIATE RELEASE)

Minneapolis --- Four University of Minnesota graduate students in geology will leave this month for Antarctica to study what is believed to be the largest unexplored mountain range in the world.

Their objective is the Ellsworth mountains---two rugged, snow-shrouded ranges some 800 miles from the South Pole. The mountains rise out of ice up to 14,000 feet thick to a maximum height of 16,864 feet---some 2,000 feet higher than Mt. Whitney, tallest peak in the continental United States.

The four geologist-students are John J. Anderson, Northfield, Minn., field leader; Paul G. Schmidt, Granite Falls, Minn.; John F. Spletstoeser, Waconia, Minn.; and Thomas W. Bastien, 4335 Lyndale ave., S., Minneapolis.

Professor J. Campbell Craddock of the University's geology department directs the study and plans to join the group in December. The project is financed by a \$59,220 grant from the National Science Foundation.

Bastien will leave Thursday (Oct. 5) for New Zealand to take care of preparations for shipping the team's equipment to Antarctica. The others will leave Oct. 17 for New Zealand. United States Navy planes will transport the geologists and their equipment first to McMurdo Sound on the Antarctica mainland and then to the Ellsworth mountains.

Professor Craddock said one of Bastien's jobs will be to buy "about 200 pounds of raw beef" for the expedition.

"That's one thing I feel they ought to have," Craddock said. "There are plenty of prepared food rations ready for them to take, but it's going to be minus 50 (degrees) when they get there and they'll need more than dried food to keep going".

The party will have to travel some 300 miles---the total length of the two ranges---over ice and snow in 12 weeks. It is scheduled to arrive at the north end of the first range, the Sentinel, November 1 and to reach the south end of the second range---the Heritage---early in February.

(MORE)

Means of transportation over the snow will be two motor toboggans--tractor-sleds capable of reaching speeds up to 30 miles an hour and of carrying loads of up to one ton. These toboggans were tried out in the Antarctic for the first time last year.

The Minnesota explorers will have to do some mountain climbing---probably up to 2,000 feet to reach the exposed rock which they will study on the mountains. Rock exposures have been identified on aerial photographs taken by reconnaissance planes in a 1959 expedition.

The four team members will go well-prepared for their tasks, however, Each has been on previous expeditions with Professor Craddock and each has attended a week of mountain climbing school at Grand Teton National Park in Wyoming. Their equipment will include crampons---two-inch long spikes which can be attached to their shoes---and ice axes.

"They will be living in quite primitive and austere circumstances," Professor Craddock said.

Their shelter will be two 7-foot by 7-foot double canvas tents---big enough and strong enough to withstand snow drifts and winds, according to Craddock. They will communicate with the outside world by a portable radio, which it is hoped, will have enough power to keep them in regular contact with Byrd Station, 400 miles from their base of operation. Additional supplies will be flown from Byrd station to the team twice during the expedition. Professor Craddock hopes to visit the party sometime in December---going out on one of the supply flights and returning on the other.

The explorers' job will be to collect fossils and rock materials from the mountains in order to study their geological makeup. They will seek evidence whether the Ellsworth mountains are a continuation of the South American Andes mountains and how they are related to nearby rock exposures which have been studied by the Minnesota group on previous expeditions.

They will do geological and structural mapping of the mountain bedrock, measure selected sections of strata and make observations on the weathering, landform development and geologic history of the icecap and underlying rock surface out of which the mountains rise.

The Minnesota study is part of the U. S. Antarctic Research Program administered by the National Science Foundation. A major part of this program is to discover and interpret the geology of the unexplored interior of West Antarctic.

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'U' VICE PRESIDENT  
TO SPEAK FRIDAY  
AT ILLINOIS 'U'

(FOR IMMEDIATE RELEASE)

Stanley J. Wenberg, University of Minnesota vice president and administrative assistant, will address the University of Illinois Foundation annual meeting Friday (Oct. 6) in Urbana, Ill.

In his talk on "The Margin of Greatness", Wenberg will discuss the function of gifts and grants in a public institution of higher education.

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OCTOBER 3, 1961

'U' WILL HONOR  
CARL D. CORSE,  
BUSINESS ALUMNUS

(FOR IMMEDIATE RELEASE)

Minneapolis --- Carl D. Corse, United States State department economist and an expert on foreign trade negotiations, will receive the University of Minnesota's Outstanding Achievement Award Thursday (Oct. 5) at the school of business administration's alumni institute.

University President O. Meredith Wilson will present the award at a 6:15 p.m. dinner in the Radisson hotel.

A 1930 graduate of the University's business school, Corse has served as a government economist since 1939. Presently he is special assistant to the United States assistant secretary of state for economic affairs. He has been a delegate to many international trade meetings and was minister of the U. S. delegation to the 1960-61 tariff negotiations in Geneva, Switzerland.

Corse also received the master of arts degree from the University in 1935 and is a member of Phi Beta Kappa. He served as a teaching assistant at the University for four years and was an instructor in the school of business administration in 1938-39. Corse now lives in Chevy Chase, Maryland.

The University's Outstanding Achievement Award, consisting of a gold medal and a citation, is presented to alumni who have distinguished themselves in their chosen fields. Corse will be cited as "a resourceful diplomat contributing to better relations between nations".

The award dinner will climax a day-long program at the school of business administration alumni institute, including eight afternoon seminars. D. L. Bibby, president of the Remington Rand division of Sperry Rand corporation, will be the dinner speaker.

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OCTOBER 4, 1961

MICROBIOLOGISTS  
OF FIVE STATES  
TO MEET AT 'U'

(FOR IMMEDIATE RELEASE)

Approximately 175 microbiologists from Minnesota, North and South Dakota, Iowa and Wisconsin will attend the annual meetings of the North Central branch of the Society of American Microbiologists on the University of Minnesota's Twin Cities campuses Friday and Saturday, Oct. 13-14.

Following organizational and registrational meetings in Mayo Memorial auditorium, Minneapolis, on Friday morning, the open afternoon program will be devoted to reading and discussion of a series of short papers.

The group's annual banquet will be held at 6:30 p. m. in the ballroom lounge of the St. Paul campus Student Center. Dr. Dennis W. Watson, University professor of bacteriology, will address the visiting microbiologists on "Your Streptococci and My Streptococci Are the Same Streptococci: A Glimpse Behind the Iron Curtain".

Discussion of short papers on microbiology will fill Saturday morning's program in Mayo auditorium, according to Dr. Gaylen S. Bradley, associate professor of bacteriology and program chairman of the organization.

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MINN. MEDICAL  
FOUNDATION ELECTS  
NINE AS TRUSTEES

(FOR IMMEDIATE RELEASE)

Minneapolis --- The election of nine members to the board of trustees was announced today by officers of the Minnesota Medical Foundation, a non-profit organization of doctors and laymen assisting the University of Minnesota medical school.

The new trustees are:

Dr. Karl W. Anderson, James Harris and B. C. Gamble, Minneapolis; Dr. Vernon D. E. Smith and James E. Kelley, St. Paul; Dr. Russell O. Sather, Crookston; Dr. John Moyer, Duluth; and Dr. Herman E. Drill, Hopkins. Dr. Arnold Lazarow, St. Paul, current president of the foundation, was re-elected a trustee.

All elections were for four-year terms and were confirmed at the foundation's meeting Sept. 25. There are 29 members of the board of trustees and 1,500 members of the foundation.

The foundation's annual report for 1961 noted that gifts and commitments of more than \$90,000 had been received during the past year. Issuance of 50 scholarships to medical students raised total foundation scholarship awards to 265 worth \$136,250 since the first scholarship was given in 1950.

Eivind Hoff, Jr., executive secretary, announced total assets of the foundation have now passed the \$300,000 mark. The foundation provides special types of assistance to the Medical School, its students, and its faculty, at the University of Minnesota.

NOV. 17 IS DEADLINE  
TO APPLY FOR NAVAL  
1962 ROTC PROGRAM

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(FOR IMMEDIATE RELEASE)

Minneapolis --- Minnesota high school seniors and graduates interested in attending college through the Naval ROTC regular midshipman program have until Nov. 17 to apply for the nationwide competitive examination, according to Captain Cary H. Hall, USN, University of Minnesota professor of naval science and Naval ROTC unit commander.

Qualified students receiving appointments as regular midshipmen earn regular commissions in the Navy or Marine Corps as well as bachelor degrees in the field of their choice, with most of the expense of their education paid by the Navy, Captain Hall said. The University is one of 53 institutions of higher education in the country having Naval ROTC units and receives about 40 freshmen each year entering the regular midshipman program.

To meet age requirements for this program, an applicant must have reached his 17th but not his 21st birthday by July 1, 1962.

The physical requirements for the regular Naval ROTC program are the same as those required for entry into the U.S. Naval Academy at Annapolis. Selection of winning candidates from those who have successfully passed the Navy college aptitude test is made to meet area quotas, based upon the percentage of male high school graduates from each state in relation to the country at large.

Successful candidates may indicate preferences for any university having a Naval ROTC unit and are not required to attend the institution nearest their legal residence. The training for a commission while in college consists of taking prescribed Naval Science courses, as part of the normal university curriculum, and summer cruises.

In addition to tuition, books, uniforms and incidental fees, the regular midshipmen receive a personal allowance of \$50 per month for a duration of four years.

Completed application forms for the Navy College Aptitude Test must be received by the Naval Examining Section, Science Research Associates, Inc., McHenry, Ill., not later than midnight, Nov. 17. Application forms may be obtained at the University of Minnesota, Naval ROTC office, Armory, Minneapolis, or at any U. S. Navy Recruiting Station. The competitive exams will be given December 9, at nine separate locations in Minnesota.

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ROSE NAMED TO  
'NEGRO IN AMERICA  
TODAY' COMMITTEE

(FOR IMMEDIATE RELEASE)

The American Academy of Arts and Sciences has appointed Arnold M. Rose, **University of Minnesota** sociology professor, to its committee on the Negro in America Today. Professor Rose will attend the first meeting of the committee in Boston Saturday (Oct. 7).

He also will deliver the convocation address at Wesleyan university in Bloomington, Ill. Tuesday (Oct. 10) speaking on "The Nature and Treatment of Prejudice".

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With \$25,000 Grant---  
'U' LAW SCHOOL  
LAUNCHES FAMILY  
LAW SEMINAR

UNIVERSITY OF MINNESOTA  
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OCTOBER 4, 1961

(FOR RELEASE FRIDAY, OCT. 6, 1961)

Minneapolis --- University of Minnesota law school students will work directly with Hennepin county welfare agencies and courts in a new family law education program designed to combine practical experience with classroom learning.

The new program, first of its kind in the United States, is financed by a \$25,000 three-year grant from the National Council on Legal Clinics (NCLC). Minnesota is one of four universities receiving grants totaling \$75,000 from the NCLC for experimental programs in educating law students for professional responsibility.

Robert J. Levy, associate professor of law, will direct the Minnesota project. Although the project grant is only for three years, Professor Levy said the program may be adopted as a part of the law school curriculum after the grant period expires.

Students in the program will be enrolled in a six-credit, three-quarter Clinical Seminar in Family Law. In addition to attending classes, they will do approximately 200 hours of field work in local, county and state agencies involved in family problems. This year the program will be limited to seven students, but the number will be increased in future years. In addition, students majoring in psychology, social work and education have been invited to enroll in the seminar sessions for purposes of discussing cases involving professional cooperation.

Professor Levy said the program is expected to prove of "tremendous value" both to the University and to the cooperating agencies.

"It will help the law students to learn how to correlate the objectives of welfare agencies and specialized courts with the responsibilities of the lawyer to his clients," he said. "In addition, social workers and members of other professions will become more sympathetic to the tasks of lawyers. Both groups will be able to work toward a cooperative approach to problems of the family."

In the divorce law area, the students, under the supervision of the Legal Aid Society, will participate in divorce counseling and in representing indigent clients.

(MORE)

Counseling will be done in cooperation with a professional psychiatrist. The students also will make custody and financial investigations in cooperation with judge of Hennepin County Family court, Theodore B. Knudson, and the professional staff of the Hennepin County Department of Court Services.

In the areas of adoption, illegitimacy, dependent and neglected children and parental termination proceedings, the students will work with the professional staffs of the Hennepin county welfare department, Judge Thomas Tallackson and the Hennepin County Juvenile court and the county attorney.

The students will read case files, participate in interviews with clients, discuss cases with professional staff personnel, other lawyers and judges and attend court proceedings. They will write memoranda analyzing their experiences and making suggestions for more effective cooperation between lawyers and other professional groups.

In selected cases in juvenile court, Professor Levy and the law students will be appointed guardians ad litem (during litigation) of children involved in litigation where the child's welfare is at stake.

Seminar meetings will focus on critical evaluation of the use of behavioral science techniques in the solution of legal problems and on the professional responsibilities of lawyers in representing their clients and in working toward law reform in cases involving family relations.

The University of Minnesota law school will cooperate with the University of Louisville school of law, which has received a grant for a similar project, in carrying out its family law program. This cooperation will involve exchange of information, and, in cases where it seems advisable, modifying the seminar and field work projects as a result of the exchange of ideas and progress reports.

The National Council on Legal Clinics is a joint project of the National Legal Aid and Defender association, the American Bar association and the American Association of Law Schools, established to administer a Ford Foundation grant for developing new methods and materials for educating law students as to their professional responsibilities.

The term, "professional responsibility", is used by the council not only in connection with the lawyer's responsibilities toward clients, courts and fellow lawyers, but also applies to the lawyer's obligation for law reform and improvement of administration of the law, helping to insure that indigent persons are provided adequate legal services and for guarding the principle of due process of law.

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OCTOBER 5, 1961

BRAIN INJURED  
CHILDREN SUBJECT  
OF 'U' CONFERENCE

(FOR IMMEDIATE RELEASE)

A public lecture on "The Educational Growth of Brain Injured Children", aimed especially at parents and professional persons, will be given Tuesday (Oct. 10) as part of the first University of Minnesota conference on disturbed and disturbing children.

The speaker will be Laura Jordan of the University of Illinois' institute for research on exceptional children. She will talk at 8 p. m. in the Minnesota Museum of Natural History auditorium.

Psychologists, educators, physicians and social workers will participate in the conference, Monday, Tuesday and Wednesday (Oct. 9-11) at the University's Center for Continuation Study.

Lectures and discussions will focus on present knowledge and practice associated with the identification and education of disturbed children.

In addition to Miss Jordan, conference speakers will include another visiting specialist, Dr. Arthur Benton of the State University of Iowa Hospitals, a noted neurologist and medical educator.

Will Turnbladh, Minnesota state commissioner of corrections, will address the 9 a. m. session Wednesday on "The Role of the State Corrections System in the Education of Behaviorally Deviant Adolescents".

The conference is presented by the University through its psycho-educational clinic, the special education department and the Center for Continuation Study. The Minnesota Association for the Brain Injured will sponsor the public lecture.

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OCTOBER 5, 1961

NATIONAL ECONOMIST  
TO TALK AT 'U'

(FOR IMMEDIATE RELEASE)

Edward F. Denison, noted economist and a member of the Committee for Economic Development, Washington, D. C., will give a free public lecture Tuesday (Oct. 10) at the University of Minnesota.

He will speak on "The Sources of Economic Growth in the U. S. and the Alternatives Before It" at 3:30 p. m. in Room 1 Vincent Hall.

Denison has been a member of the Committee for Economic Development since 1956 and before that was a government economist for 15 years. He was graduated from Loyola university, Chicago, in 1935 and received the master of arts degree from Oberlin college and the doctor of philosophy degree from Brown university. He also is a graduate of the National War college.

For several years he was assistant director of the Office of Business Economics in the Department of Commerce.

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OCTOBER 5, 1961

PROSPECTS TO MEET  
WITH U.S. PEACE  
CORPS OFFICIALS

(FOR IMMEDIATE RELEASE)

Top Washington Peace Corps officials will conduct a question and answer session for prospective corps members Saturday (Oct. 14) afternoon during a two-day Peace Corps regional conference at the Leamington hotel, Minneapolis.

Addressing educators, youth organization and religious leaders from the area who will be registrants at the conference will be Franklin H. Williams, special assistant to Sargent Shriver, who will speak on "The Peace Corps Idea" at the conference's opening formal session at 8 p.m. Friday. Williams, one of the top Negro officials in Washington, has just returned from Geneva where he concluded arrangements for Peace Corps cooperation with the U. N.

Joseph Kaufman, Peace Corps associate director for volunteers, will join Williams in the Saturday morning symposium on "The Peace Corps in Operation". Warren W. Wiggins, corps associate director, will address the conference luncheon at 12:30 p. m.

The Saturday afternoon sessions, commencing at 2 p. m. with discussion groups and question and answer sessions and winding up with a 4:30 p.m. special meeting for prospective Peace Corps volunteers, will close the conference.

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OCTOBER 6, 1961

BUDDHISM TOPIC  
OF 'U' LECTURE  
NEXT WEDNESDAY

(FOR IMMEDIATE RELEASE)

"Buddhism, the Enlightened Way of Life" will be the topic of a free public lecture to be given Wednesday (Oct. 11) at the University of Minnesota by the education director of the Buddhist Churches of America.

The Rev. Takashi Tsuji, San Mateo, Calif., will speak at 8 p. m. in Murphy hall auditorium.

Mr. Tsuki at present is engaged in establishing a comprehensive lay-Buddhist training program.

A graduate of Ryukoku university in Kyoto, Japan, Rev. Tsuji also has studied at the University of British Columbia and the University of Toronto.

The lecture will be sponsored by the University's anthropology department, the department of Slavic and Oriental languages and the department of concerts and lectures.

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OCTOBER 6, 1961

LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF OCT. 8-15

- Monday, Oct. 9 --- Debate: "Conservatism--Reality or Illusion?", Frank Meyer, National Review columnist, and Mulford Q. Sibley, University of Minnesota political science professor, 3:30 p.m., Murphy hall auditorium, open free to the public.
- Tuesday, Oct. 10 --- Lecture, "The Educational Growth of Brain Injured Children", by Laura Jordan of the University of Illinois institute for research on exceptional children, 8 p.m., Minnesota Museum of Natural History, open free to the public.
- Tuesday, Oct. 10 --- Lecture, "The Sources of Economic Growth in the U.S. and the Alternatives Before It" by Edward F. Denison of the Committee for Economic Development, 3:30 p.m., Room 1 Vincent Hall, open free to the public.
- Tuesday, Oct. 10 --- Lecture, "Around the Curtain's Edge: Friends or Foes?" by Raymond B. Nixon, University of Minnesota journalism professor, 3:30 p.m., Murphy hall auditorium, open free to the public.
- Wednesday, Oct. 11 --- Concert, "Chamber Music: Samples from a Golden Age, 1760-1830" by the University Trio, 8 p.m., Minnesota Museum of Natural History auditorium, open free to the public.
- Wednesday, Oct. 11 --- Lecture, "Buddhism, the Enlightened Way of Life", by the Rev. Takashi Tsuji, education director of the Buddhist Churches of America, 8 p.m., Murphy hall auditorium, open free to the public.
- Saturday, Oct. 14 --- Children's Play: "Radio Rescue" by Young People's University Theater, 10:30 a.m. and 3:30 p.m., Scott hall auditorium, tickets 50 cents.
- Sunday, Oct. 15 --- Children's Play: "Radio Rescue" by Young People's University Theater, 3:30 p.m., Scott hall auditorium, tickets 50 cents.
- Sunday, Oct. 15 --- Piano recital by Bernhard Weiser, University of Minnesota associate professor of music, 3:30 p.m., Northrop Memorial auditorium, open free to the public.

'U' LABOR RELATIONS  
PARLEY SLATED  
OCT. 19-20 AT DULUTH

UNIVERSITY OF MINNESOTA  
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OCTOBER 6, 1961

(FOR IMMEDIATE RELEASE)

The University of Minnesota's tenth annual Northern Minnesota Conference on Industrial Relations will be held Thursday and Friday, Oct. 19-20, in Duluth. All sessions will be in the Duluth hotel.

Frank W. McCulloch, chairman of the National Labor Relations board and one of President John F. Kennedy's new appointments, will address a noon luncheon on opening day of the conference. He will speak on "Developing Issues in Collective Bargaining", dealing with potential issues in labor relations during the 1960's.

The conference will be designed to take a critical look at collective bargaining and related methods of resolving labor disputes, according to R. Kay Humphrey, program director at the University's Center for Continuation Study. The Continuation center and the University's Industrial Relations center will cooperate in conducting the conference.

Humphrey said the conference is one of the few of its kind still existing which brings together labor and management for an analytical discussion of labor relations.

Collective bargaining was chosen as the main topic for this year's conference because it has been the subject of much criticism and of congressional investigations during recent years, according to Humphrey.

Edward Gross, University of Minnesota sociology professor, will open the conference at 9 a. m. Oct. 19 with a review of "Approaches to Conflict Resolution in Industrial Relations".

Other speakers will include Clair A. Peterson, research director of the State University of Iowa bureau of labor and management; Harold W. Davey, Iowa State university economics professor; Professor Joseph Shister, chairman of the University of Buffalo industrial relations department; Adolph F. Strumthal, Roosevelt university professor of industrial labor studies; A. Lee Belcher, Pillsbury company industrial relations director; and Norman J. Simler, University of Minnesota assistant professor of economics.

S AND H \$2,000  
GRANT TO FINANCE  
'U' FARM LECTURES

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM.BLDG.  
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OCTOBER 9, 1961

(FOR IMMEDIATE RELEASE)

The University of Minnesota received a \$2,000 grant Tuesday (Oct. 10) from the Sperry and Hutchinson (S & H) company for establishment of a series of five lectures on "Freedom and the Farmer".

The lectureship was presented by Harry Bixby, S and H district manager, to Malcolm M. Willey, University vice president for academic administration, at a noon luncheon in the Campus Club on the Minneapolis campus.

All five lectures will be presented during the 1961-62 school year, according to Dean Bryce L. Crawford, Jr., of the graduate school, which will administer the grant. The talks will be open to the public. Speakers and dates will be announced at a later date.

Dean Crawford said the lectureship will enable the University to bring several distinguished authorities to the campus to speak on the relationship of government and agriculture, and will "serve as a catalyst to stimulate work that our staff is beginning to do on this subject".

Proposed topics of the five lectures are: "Development of Freedom", "Image of the Farmer", "The Farmer in Politics", "Government in Agriculture" and "Beliefs and Values" which shape the attitudes of rural people toward government and agriculture.

The Sperry and Hutchinson grant to the University is part of a program established by the company in 1960 to set up lectureships at several universities and colleges.

This program has a two-fold purpose, according to Bixby:

1. To enrich established undergraduate and graduate curriculums by bringing public and scholarly experts into direct contact with faculty and students; and
2. To extend and strengthen the influence of the sponsoring school by the presentation of public lectures on public affairs and social science.

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OCTOBER 9, 1961

Increases 2,569---  
'U' ATTENDANCE  
HITS NEW HIGH,  
TOTALS 30,846

(FOR IMMEDIATE RELEASE)

Minneapolis --- Fall quarter attendance at the University of Minnesota reached an all-time high of 30,846 day students, an increase of 2,569 or 9 per cent over the 28,277 figure of one year ago, True E. Pettengill, University Recorder, reported Monday (Oct. 9). The previous peak attendance mark, 28,312, was recorded in the fall quarter of 1947 when World War II veterans crowded the nation's campuses.

In addition to the record daytime enrollment, Pettengill disclosed, the University's general extension division evening class attendance has jumped 20 per cent to a new high mark of 11,284. This represents an increase of 1,901 from the previous record of 9,383 evening students in classes a year ago.

Included in the 30,846 day students currently attending the University are 27,526 on the Minneapolis-St. Paul campuses, 2,883 at Duluth and 437 at Morris, which added a sophomore class this year. A year ago, the Twin Cities campuses had 25,399 students, Duluth, 2,640, and Morris, 238.

More new students entered the University this fall than a year ago, 10,631 as compared with 9,389, Pettengill reported. This year's newcomers included 7,532 freshmen, 2,690 students with advanced standing from other institutions, and 409 new special students. Freshman attendance is 903 or 14 per cent above last year's 6,629 total. Of the increase in freshmen, 766 are on the Minneapolis-St. Paul campuses. The college of science, literature, and the arts alone enrolled 724 more freshmen this year than last for a total of 3,454 of the beginners. The second largest increase in freshmen was in the general college with 312 more this year than last with a total of 1,353 freshmen.

Of the students attending the University this fall, 21,061 are men and 9,785 are women---a ratio of men to women of approximately 7 to 3. There are 1,208 (6 per cent) more men in the student body this year than last and 1,361 (16 per cent) more women.

(MORE)

Commenting on the attendance statistics, R. E. Summers, dean of admissions and records said that although there was some underestimation of the freshmen this particular year, essentially all of the other factors which make for larger enrollments at the University have been identified on earlier occasions and reported in previous University news releases.

"The statistical principles applied have been fully borne out and the long-range planning of the University has apparently been good," he asserted. "Year by year there are expected variations in the degree of change encountered, but there is nothing particularly new to report this time except that the long awaited greater enrollments are materializing.

"For example," Dean Summers pointed out, "preparatory school populations are increasing, and there will be record outputs of high school graduates in Minnesota beginning in about the year 1964. As the admission requirements of the University have edged upward through the years, the competence and therefore the holding power of University students is expected to increase. Other influences (economic conditions, military manpower demands, for example) remaining constant, University students will undoubtedly go forward in greater numbers into the longer and more difficult programs of higher education.

"For some time the percentage of women in the student body has been rising gradually," the dean noted, "and the further increase in this percentage this year suggests that proportionately more young women are attending college. Even the percentage of high school graduates going on to college has been known to be increasing for a great many years, and there may be a transient sudden upturn in this percentage this year. But total state statistics are not yet in.

"World tensions and increases in draft calls may have had some influence", Dean Summers added, "but one can only speculate as to the extent of this influence and the direction that these factors have caused enrollments to move at this time. Balanced against the actual loss of students to military activity is the interest of men in college attendance prior to their military service or as a means of obtaining educational deferrals."

(MORE)

'U' ATTENDANCE

- 3 -

Attendance figures for the various colleges at the close of the second week of the quarter follow:

<u>COLLEGE</u>	<u>1960</u>	TOTAL	<u>1961</u>
General College	2429		2995
University College	43		31
Science, Literature, and the Arts	8096		9688
Institute of Technology	3391		3230
Agriculture, Forestry and Home Economics	1753		1824
Law School	301		327
Medical School	490		505
Medical Technology	85		95
Physical and Occupational Therapy	74		76
Nursing	313		299
Public Health	185		188
Dentistry	362		365
Dental Hygiene	90		83
Pharmacy	163		189
Education	2503		2350
Business Administration	652		572
Graduate (Mpls., St. Paul, Duluth, Mayo)	4303		4539
Veterinary Medicine	166		170
Minneapolis & St. Paul Campus Total	25399		27526
Duluth Campus	2640		2883
Morris Campus	238		437
TOTAL	28,277		30,846

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OCTOBER 10, 1961

CIVIL WAR  
SEMINAR SET  
AT U OF M

(FOR IMMEDIATE RELEASE)

"The Civil War Centennial and the Teaching of History in the High School" will be discussed by a panel of civil war experts in a public session for high school history teachers at 9 a. m. Saturday (Oct. 14) at the University of Minnesota.

The meeting will be conducted in the Minnesota Museum of Natural History auditorium as part of the University's second annual Civil War seminar, conducted by the Center for Continuation Study in cooperation with the Twin Cities Civil War Round Table.

Winifred Helmes, Washington, D. C., former administrative assistant to the United States undersecretary of health, education and welfare, will speak after the panel discussion. Her topic will be "Women Diarists of the Civil War".

Panel speakers will be William E. Gardner and Genevieve Zito, University high school history teachers, and John Malton, Edina high school history teacher.

The seminar will open at 8 p. m. Friday (Oct. 13) with a lecture on "Grant and the War in the West" by E. B. Long of Oak Park, Ill., in the Center for Continuation Study.

Saturday afternoon sessions, also to be held in the Continuation center, will consider "Uniforms and Weapons of the Civil War" and "The Battle of Chickamauga".

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FACULTY WOMEN  
TO HEAR KOREAN  
PROJECT OFFICIAL

(FOR IMMEDIATE RELEASE)

Tracy F. Tyler, professor of education and assistant to the vice president for Academic Administration, University of Minnesota, will address the international affairs section of the University's Faculty Women's club Friday (Oct. 13) at 1:30 p.m. at the home of Mrs. C. N. Reiersen, 2292 Laurie road, St. Paul.

Professor Tyler, who has served as coordinator of the Korean Project for the last seven years, will discuss and appraise the results of this U. S. government-financed project which was designed to strengthen the teaching and research programs at Seoul National University of Korea in the areas of agriculture, medicine, nursing, public health, veterinary medicine, engineering and public administration.

Since August 1, 1954, when operations began, the University has brought 226 Korean faculty members to the U. S. for advanced graduate study and has sent to Korea as advisers to their sister institution a total of 59 staff members.

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OCTOBER 10, 1961

FAMILY RELATIONS  
COUNCIL TO HEAR  
U OF M PROFESSOR

(FOR IMMEDIATE RELEASE)

Armin Grams, associate professor of child development in the University of Minnesota's institute of child development, will be the principal speaker at the Michigan Council on Family Relations annual fall workshop Friday and Saturday (Oct. 13-14) in Battle Creek, Mich.

Theme of the conference will be "Developing Autonomous Families". Professor Grams will speak on "Families for What?---Autonomy and Interdependence" at the Friday (Oct. 13) session, and on "Changing Values and Family Autonomy" at the closing session Saturday (Oct. 14).

The two-day workshop will be built around five general areas of family service: public assistance programs, family counseling, adult education (including parent education), regulatory services (juvenile court) and religious services.

Since coming to the University, Professor Grams, 622 Lincoln, St. Paul, has been head of the parent education program of the institute and has concentrated on teaching and research in the areas of children's personality development and parent-child relationships.

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OCTOBER 10, 1961

HOWARD 'U' HEAD  
TO LEAD U OF M  
DEAN'S RETREAT

(FOR IMMEDIATE RELEASE)

James M. Nabrit, Jr., president of Howard university, Washington, D.C., will keynote the annual Unniversity of Minnesota Dean's Retreat sponsored by the Office of the dean of students. The retreat will be held Friday and Saturday (Oct.13-14)at Camp Ihduhapi on Lake Independence, Loretto.

The annual dean's retreat, according to Edmund G. Williamson, University dean of students, is an informal get-together of some faculty members and certain key students of the University in which faculty and students are enabled to exchange points of view and convictions about basic issues.

Following the dean's welcome to the approximately 120 students and 75 faculty members attending the retreat Friday evening, the prominent national authority on civil rights and former dean of Howard's law school will address the retreat on the overall topic of students' rights. He will speak on three specific questions: "What are the rights of an educational institution, especially in the government of students out of the classroom?"; "What are the rights of a student to express himself on social and political issues? Are his rights of behavior more limited?" and, "What is the effect of institutional status on these individual rights?"

Dean Williamson and Professor William S. Howell, chairman of the University's Senate Committee on Student Affairs (SCSA), will join with student representatives in panel responses to President Nabrit's statements.

Friday evening's program will close with a question and answer session with the Panel of Americans, the Dean of Students' Office sponsored multi-religion, multi-race discussion group.

(MORE)

Panel members from the University's disciplinary counseling office, the SCSA, the Minnesota Student association (MSA) and President O. Meredith Wilson's office will discuss the University's interest in the students' non-academic life at the 9 a.m. opening of the retreat on Saturday (Oct. 14).

Student leaders Tom Olson, MSA president, and Norman Uphoff, Student Peace Union, will join Dean Williamson at 10:15 a.m. Saturday in a discussion of freedoms and civil liberties of students.

An informal discussion on "Breaking Traditions in Student Organizations" Program will be headed by Martin L. Snoke, assistant dean of students. The session, at 11:30 a.m. Saturday, will question new ideas for progress in human relations, social service, intellectual stimulation, international emphasis and other interests of the students.

Following luncheon and the radio broadcast of the Minnesota-Northwestern game, John Shaver, editor of the Minnesota Daily, student newspaper, will join with Dean Williamson and representatives of the Board of Publications, SCSA and the dean's office in a panel discussion of "Freedom and Accountability of the Student Press".

Norman DeWitt, chairman of the University's department of the classics, will direct a student panel in the program's closing session at 7:30 Saturday evening when the panel and the audience join in discussing "The Students' Responsibility for Excellence".

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KTCA TO AIR  
THEATER HOUR

(FOR IMMEDIATE RELEASE)

"Introduction to the Theater", a series of twice-weekly television programs on the theater, will be broadcast by Arthur Ballet, University associate professor of speech and the theater arts, during the remainder of the fall quarter at the University.

The program, heard from 9 to 10 p. m. Tuesdays and Friday evenings over Channel 2, station KTCA, is concerned with plays and playwrights and the arts and crafts of the theater.

The fall quarter program:

- Oct. 13 -- Neo-Classic France: Corneille, Racine, Moliere
- Oct. 17 -- Rise of Romanticism: Hugo, Bernhardt, Antoine, Dumas
- Oct. 20 -- The English Theater Revives: Congreve, Dyrden, Goldsmith, Sheridan
- Oct. 24 -- The Emergence of Germany: Lessing, Goethe, Shiller, Wagner
- Oct. 27 -- The Advent of Expressionism: Brecht, Wedekind, Toller, Kiser
- Oct. 31 -- The Northern Giants: Ibsen, Strindberg
- Nov. 3 -- British Dominance: Wilde, Gilbert and Sullivan, Shaw, Eliot
- Nov. 7 -- Russia, to 1917: Stanislavsky, Chekov, Meyerhold
- Nov. 10 -- The U.S.A., Part I: Booth, Forrest, Daly
- Nov. 14 -- The U.S.A., Part II: Belasco, Wilder, Williams, Miller, O'Neill

-UNS-

'U' TO HONOR  
4 ARTS COLLEGE  
GRADUATES OCT. 19

UNIVERSITY OF MINNESOTA  
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OCTOBER 11, 1961

(FOR IMMEDIATE RELEASE)

Minneapolis --- Four graduates of the University of Minnesota college of science, literature and the arts will receive University Outstanding Achievement Awards Thursday, Oct. 19.

Honored will be Carl T. Rowan, deputy assistant secretary for public affairs in the United States state department and former Minneapolis Tribune staff writer; Dean Ruth E. Smalley of the University of Pennsylvania school of social work, Philadelphia; Sister Mary Timothea Doyle, former president of Rosary college, River Forest, Ill.; and Raymond O. Mithun, Minneapolis, board chairman of Campbell-Mithun, Inc., advertising agency.

University Regent Mrs. Marjorie J. Howard will present the awards at the third annual meeting of the College of Science, Literature and the Arts Alumni association. The meeting will be a 6 p.m. dinner in Coffman Memorial Union junior ballroom on the Minneapolis campus.

The award, consisting of a gold medal and a citation is presented to University alumni who have distinguished themselves in their chosen fields.

Rowan, who was appointed to his state department post by President John F. Kennedy this year, also will address two University convocations Thursday. He will speak on "Revolution vs. Evolution: A Western Dilemma" at 9 a.m. in North Star ballroom of the Student Center on the St. Paul campus. At 11:30, he will address a Minneapolis campus convocation on the topic "Liberal Education and the World Crises" in Northrop Memorial auditorium.

One of the nation's most honored journalists, Rowan was a member of the Minneapolis Tribune staff for 13 years. He is the only newspaperman to win three successive annual medallions from Sigma Delta Chi, national professional journalism fraternity. His book "South of Freedom" was named to the American Library association's annual list of the best books of the year in 1953. Rowan also was selected as one of "America's ten outstanding young men of 1953" by the United States Junior

(MORE)

OUTSTANDING ACHIEVEMENT AWARDS

- 2 -

Chamber of Commerce. A native of Ravenscroft, Tenn., Rowan was graduated from Oberlin college and received a master of arts degree from the University of Minnesota in 1948.

Dean Smalley has been head of the University of Pennsylvania school of social work since 1958. A nationally known social work educator, she holds top positions in several professional organizations. She is a board member of the Council on Social Work Education and of the National Association of Social Workers and serves on the Committee on Social Welfare Education of the Pennsylvania Association for Preparation for Public Social Welfare.

A 1924 graduate of the University of Minnesota, Dean Smalley received a master of social science degree from Smith college in 1929 and the doctor of philosophy degree in 1949 from the University of Pittsburgh.

Sister Mary Timothea, Spanish professor at Rosary college, served as president of the college and of its board of trustees from 1949 to 1957. She is author of several professional works and a nationally known translator of theological books. She received a bachelor of arts degree from the University of Minnesota in 1917 and the master of arts degree in 1918. She also studied at the University of Chicago, Strasbourg university and Fribourg university in Switzerland.

A 1930 graduate of the University, Mithun began his advertising career as a radio script writer and copywriter for Batten, Barton, Durstine and Osborn, Minneapolis. He became an assistant account executive for the firm in 1932. The next year, when he was 23 years old, Mithun and the late Ralph B. Campbell formed the advertising firm of Campbell-Mithun, Inc. Mithun became president and general manager of the agency in 1943 and was named chairman of the board of directors in 1960.

While attending the University, he served one year as editor of the Minnesota Daily, student newspaper.

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HOSPITAL ACQUIRED  
INFECTION CONTROL  
'U' COURSE TOPIC

(FOR IMMEDIATE RELEASE)

Prevention and control of hospital acquired infection in patients will be the subject of a University of Minnesota training institute Monday, Tuesday and Wednesday (Oct. 16-18) for hospital personnel.

The institute, entitled, "Microbiological Principles and their application to Hospital Acquired Infection", will be conducted by the Center for Continuation Study on the Minneapolis campus in cooperation with the University's schools of nursing and of public health.

It is the latest in a series for operating room nursing supervisors and nursing educators, held in cooperation with the Conference Group for Operating Room Nurses, Minnesota Nurses association. For the first time this year, the institute is being opened to other personnel.

University of Minnesota Hospitals have been pioneers in developing infection control in the hospitals.

Ruth D. Weise, assistant professor of nursing, is general chairman for the institute and will open the conference at 9 a. m. Monday with words of introduction.

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LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF OCTOBER 15-22

- Monday, Oct. 16 --- SLA Week at the University. The College of Science, Literature and the Arts is honored during the week.
- Monday, Oct. 16 --- "Creativity Process in Groups", a lecture by Claude Faucheux of the National Center of Scientific Research and the Laboratory for Social Psychology of the Sorbonne; sponsored by the University departments of psychology and concerts and lectures; 3:30 p.m., Murphy hall auditorium. Open free to the public.
- Tuesday, Oct. 17 --- Prof. William F. Albright will deliver the philosophy department lecture at 8 p.m. in the Minnesota Museum of Natural History auditorium. This week's topic, "Archaeology as Interpreter of Religious Tradition". Open, free.
- Wednesday, Oct. 18--- "An Afternoon With Robert Frost", special convocation, 3:30 p.m., Northrop Memorial auditorium. Open, free.
- Thursday, Oct. 19 --- Carl T. Rowan, deputy assistant secretary for public affairs, United States State Department and former Minneapolis Tribune reporter, will speak on "Liberal Education and the World Crises" at 11:30 a.m. convocation, Northrop Memorial auditorium. Open, free.
- Sunday, Oct. 22 --- Bernhard Weiser piano recital, 3:30 p.m., Northrop Memorial auditorium. Open, free.

ROBERT FROST,  
FAMED POET,  
AT 'U' WEDNESDAY

UNIVERSITY OF MINNESOTA  
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OCTOBER 13, 1961

(FOR IMMEDIATE RELEASE)

Robert Frost, 87-year-old dean of American poets, will present a free public lecture at 3:30 p. m., Wednesday (Oct. 18) in Northrop Memorial auditorium at the University of Minnesota.

His topic will be "An Afternoon with Robert Frost".

The new England poet, noted most recently for his appearance as unofficial United States poet laureate at President John F. Kennedy's inauguration, is America's most honored living poet.

He was a Pulitzer-prize winner four times---in 1924, 1931, 1937 and 1943. He holds five other prizes and medals for his poetry and, in addition, he has held several faculty positions and fellowships carrying honorary recognition at leading American colleges and universities. He was Phi Beta Kappa poet at Tufts college in 1915, at Harvard university in 1916 and 1941 and at Columbia university in 1932. He holds honorary degrees from 22 colleges and universities, including Durham university in England.

Frost was born March 26, 1874, in San Francisco, but has spent most of his life in New England. He attended Dartmouth college, Harvard university and received a master of arts degree from Amherst college in 1918 and from the University of Michigan in 1922.

His biography in Who's Who in America, 1960-61, lists his first occupation as "Farmer, Derry, New Hampshire, 1900-09". While living in Derry he also began teaching English at Pinkerton academy. His next position was teacher of psychology at Plymouth, N. H., State Normal school. After three years in England, 1912-15, he became an English professor on the Amherst college faculty. From there he went to various positions as a faculty member and fellow at several universities.

Frost's University of Minnesota lecture will be sponsored by the English department and the department of concerts and lectures.

SCIENCE FOUNDATION  
GIVES 'U' \$500,000  
FOR NEW COMPUTER

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM. BLDG.  
MINNEAPOLIS 14, MINNESOTA  
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OCTOBER 13, 1961

(FOR IMMEDIATE RELEASE)

Minneapolis --- The University of Minnesota has received a \$500,000 grant from the National Science Foundation (NSF) which will make possible the purchase of a new giant scientific computer for the University's numerical analysis center.

Principal investigator under the grant is Marvin L. Stein, institute of technology mathematics professor and director of the center.

The 1961 State Legislature last spring appropriated \$250,000 to the University toward purchase of the new computer. The appropriation will be used to supplement the NSF grant as a share of the University's matching contribution.

Other funds for the computer will be obtained from direct allocation to the numerical analysis center from the University's income, from supported research and from rental of off-shift time to users outside of the University, according to Professor William G. Shepherd, head of the electrical engineering department and chairman of the University's advisory committee on computer facilities.

Negotiations for purchase of a new computer are expected to be completed in the near future, according to Professor Shepherd. Various educational discounts will greatly reduce the cost of the computer to the University, he explained.

The new machine will be selected from the most powerful computers available on the market at the present time and will be able to handle some of the most complex research problems in the physical and engineering sciences for which a mathematic formulation can be developed, Professor Shepherd said.

Because of technical advances since the University's present high speed computer, the Remington Rand Univac 1103, was built, Professor Stein said it can be expected that any new machine "would be 10 to 100 times faster than the earlier machine", depending on the type of problem it was required to solve, in addition to being more powerful.

Professor Shepherd said the present computer "is rapidly becoming inadequate for the University's present and future research and training needs".

(MORE)

A major limitation of the present machine is its high-speed memory, which can store 36,000 bits of information with a random access time (the time it takes the machine to find a fact in its memory) of 1/100,000th of a second, according to Professor Stein. The modern machine under consideration for purchase would have a storage capacity in excess of one million bits of information and a random access time of less than half that of the present computer. Because it would operate on transistors, rather than on vacuum tubes as does the present machine, it would be considerably smaller in size.

Professor Shepherd said that at the time the 1103 computer was acquired by the University, it "more than adequately" fulfilled the University's needs, but as faculty researchers became acquainted with the machine's operation and its potential, they began bringing more and more sophisticated problems to the center which the machine couldn't handle.

He also noted that the present system was designed a decade ago and had been in use for four or five years before the University acquired it. The University now plans to purchase a new computer; thus, the machine will have a greater potential longevity than the present computer.

"We believe a new machine will put the University of Minnesota back into the front rank among universities having modern computational facilities," Professor Shepherd said, "and we are gratified to learn of the recognition by the National Science Foundation and the State Legislature of the contribution which the computing center has made to the educational and research activities of the University. We are particularly pleased at this expression of confidence in the future development of the University as a scientific center."

Throughout the three years the University has had its present computer, the machine has been used by 37 departments, ranging from the biological and physical sciences to the social sciences. The computer also has been used in undergraduate courses in computer programming and is available for use by graduate students in research projects.

The new computer will make it possible to expand this service considerably, according to Professor Stein.

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DR. SPINK MAKING  
LECTURE TOUR OF  
U.S. PACIFIC BASES

(FOR IMMEDIATE RELEASE)

Dr. Wesley W. Spink, University of Minnesota professor of medicine, is on a month-long lecture and research tour of United States Air Force, Navy and Army bases in the Orient as national consultant in internal medicine to the Air Force surgeon general.

His itinerary includes visits to installations in Japan, Formosa, Korea, Okinawa and the Philippines. During his stopovers, he is lecturing to medical personnel on staphylococcal infections and their management, toxic shock, recent advances in antibiotic therapy and selection of steroids for infections.

Dr. Spink will attend and participate in the 11th annual Pacific Air Force Medical conference at Baguio, Philippine Islands, Oct. 23-25, and will leave for the United States Oct. 26.

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IOWA PUBLISHER RECEIVES 1961  
MINNESOTA 'U' JOURNALISM AWARD

UNIVERSITY OF MINNESOTA  
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OCTOBER 16, 1961

(FOR RELEASE 11 a. m. TUESDAY, OCT. 17, 1961)

Minneapolis --- Lee P. Loomis, publisher of the Mason City (Iowa) Globe-Gazette, today was named 1961 winner of the annual University of Minnesota Award for Distinguished Service in Journalism.

Professor Robert L. Jones, director of the University's school of journalism, presented a bronze medal and a certificate to Loomis today (Oct. 17) during the annual meeting of the Inland Daily Press Association at the Drake hotel in Chicago.

Loomis, who also is board chairman of Lee Enterprises, Inc., a group of 16 midwestern and western daily newspapers, was selected by the University of Minnesota journalism faculty from nominations made by members of the Inland Daily Press association.

The Award for Distinguished Service in Journalism is given annually to a newspaperman for outstanding community and professional service over a period of years.

Loomis, 77, became chairman of the board of Lee Enterprises, Inc., last year when the Lee newspaper operations were consolidated under corporate ownership and management. From 1949 to 1960, he was president of the Lee Newspaper Group which extended into six states (Iowa, Missouri, Nebraska, Wisconsin, Illinois and Montana.

Loomis can look back on six decades of newspapering, which began in 1902 on the Ottumwa (Iowa) Courier, published by his uncle, A. W. Lee, founder of the Lee group. Five years later, he became managing editor of the Muscatine (Iowa) Journal. In 1915, at the age of 31, Loomis was named publisher at Muscatine. In 1931 he became publisher of the Globe-Gazette. He was the founder of Radio Station KGLO in Mason City in 1937.

A long period of service to the Iowa Daily Press association was climaxed by his election as president of that organization in 1936-37. Loomis also has been a longtime member of the Northwest Daily Press Association and has been an active and vigorous member of the Inland Daily Press association.

(MORE)

In addition to his newspaper and executive accomplishments, Loomis is noted for the range of his civic activities, particularly with regard to the many successful building fund campaigns in his home city which he has spearheaded. He has held the chairmanship of the Good Samaritan Home campaign in Mason City, and was chairman of the building program for St. John's Episcopal Church there. He is presently on the advisory board of St. Catherine's School in Davenport, Iowa. He has had a sustaining interest in the North Iowa Fair and served for many years on its Board of Directors.

Previous winners of the University of Minnesota award for distinguished service in journalism were the late Emanuel P. Adler, Davenport (Iowa) Times publisher; the late Stuart H. Perry, Adrian (Michigan) Telegram publisher; Tom H. Keene, Elkhart (Indiana) Truth editor; J. S. Gray, editor and publisher, Monroe (Michigan) News; Harry J. Grant, board chairman, Milwaukee Journal; Linwood L. Noyes, Ironwood (Michigan) Globe publisher; Dr. Alberto Gainza Paz, when exiled editor-publisher of the expropriated Buenos Aires La Prensa; Mr. and Mrs. Harry E. Rasmussen, editor and publisher and business manager, Austin (Minnesota) Herald; Carl M. Saunders, Jackson (Michigan) Citizen Patriot editor; John Cowles, president and publisher of the Minneapolis Star and Tribune; Edward E. Lindsay, editor and vice president, and Frederick W. Schaub, executive vice president, Lindsay-Schaub Newspapers, who were named dual winners in 1958; Franklin D. Schurz, president, editor and publisher of the South Bend (Indiana) Tribune, and Louis A. Weil, Jr., publisher of the Lafayette (Indiana) Journal and Courier.

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OCTOBER 16, 1961

ROWAN TO SPEAK  
AT 'U' CONVOCATIONS  
THIS THURSDAY

(FOR IMMEDIATE RELEASE)

Carl T. Rowan, deputy assistant secretary of state for public affairs in the United States state department, will address two free public convocations Thursday (Oct. 19) at the University of Minnesota as part of the college of science, literature and the arts' (SLA) annual SLA Week.

Rowan, a former Minneapolis Tribune staff writer, will speak at 11:30 a. m. in Northrop Memorial auditorium on the Minneapolis campus on "Liberal Education and the World Crises". He will also speak at 9 a. m. in the North Star ballroom of the Student Union on the St. Paul campus.

One of the nation's most honored journalists, Rowan is the only newspaperman to win three successive annual medallions from Sigma Delta Chi, national professional journalism fraternity. In 1953, his book, "South of Freedom", was named to the American Library association's annual list of best books of the year, and he was selected one of "America's ten outstanding young men" by the United States Chamber of Commerce. A native of Ravenscroft, Tenn., Rowan was graduated from Oberlin college and received a master of arts degree from the University of Minnesota in 1948. He was awarded honorary degrees from Simpson College, Indianola, Iowa, and Hamline university, St. Paul.

Rowan will also receive an Outstanding Achievement Award from the University at the third annual meeting of the College of Science, Literature and the Arts and University College Alumni association at 6 p. m. Thursday in Coffman Memorial union junior ballroom.

The convocation lectures are sponsored by the University department of concerts and lectures, in cooperation with the college of science, literature and the arts.

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(FOR IMMEDIATE RELEASE)

Two free public lectures by professors from the University of Western Ontario and Massachusetts Institute of Technology have been scheduled this month by the University of Minnesota economics department.

Ronald Wonnacott of the Western Ontario university, who is spending the current year as a visiting associate professor of economics at the University, will speak on "The Economic Theory of Location, with Special Reference to the Upper Midwest" at 3:30 p.m. Wednesday (Oct. 18) in Room 205 Vincent hall.

Professor Morris A. Adelman of the Massachusetts Institute of Technology will lecture Tuesday (Oct. 24) at 3:30 p. m. in Room 1, Vincent hall. His topic will be "The World Petroleum Price Structure, Particularly Soviet Oil Exports".

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM. BLDG.  
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OCTOBER 17, 1961

NATIONAL GRADUATE  
SCHOOL TESTS  
TO BE GIVEN AT 'U'

(FOR IMMEDIATE RELEASE)

The first of five graduate record examinations, required of applicants for admission to many graduate schools throughout the country, will be given at the University of Minnesota at 8:30 a. m. Saturday, Nov. 18, in 201 Wesbrook Hall.

The graduate record examinations are offered through the National Program for Graduate School Selection and are conducted at examination centers throughout the United States five times during the year. Other test dates are Jan. 20, March 3, April 28, and July 7, 1962, it was announced by the Educational Testing service, Princeton, N. J., which prepares and scores the tests.

While the University of Minnesota graduate schools do not require these tests in most cases, according to the student counseling bureau, the University serves as a testing center for those students who wish to enter other graduate schools where the tests are prerequisite to admission.

The Educational Testing service advises each applicant to inquire of the graduate school of his choice which of the examinations he should take and on which dates. Tests often are required for graduate fellowships also.

The examinations include a test of general scholastic ability and advance level tests of achievement in 16 different subjects. An information bulletin providing details of registration and administration as well as sample questions and an application, may be obtained from the University student counseling bureau, 101 Eddy Hall, from college advisers or directly from Educational Testing Service (ETS), Princeton, N. J.

A completed application must reach the ETS office at least 15 days before the date of the test for which the candidate is applying.

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READING SPECIALISTS  
MEET AT 'U'

(FOR IMMEDIATE RELEASE)

The Fourth Annual Conference of the North Central Reading Association for Colleges and Adults will take place Friday and Saturday (Oct. 20 and 21) at Coffman Memorial Union, University of Minnesota.

Leading educators from Michigan, Ohio, Indiana, Illinois, Wisconsin and Minnesota will assemble for the two-day sessions.

Alton L. Raygor, associate professor and student counseling bureau coordinator, who will direct the conference, said the meeting is "designed to explore current techniques, principles and problems in the development of college and adult reading programs".

Topics will include programmed learning, research techniques and administrative problems. A display by publishers and equipment manufacturers will be featured.

The conference is under the auspices of the reading and study skills center of the University's student counseling bureau.

-UNS-

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OCTOBER 17, 1961

STRING QUARTET  
TO GIVE FREE  
CONCERT AT 'U'

(FOR IMMEDIATE RELEASE)

The Sewell String Quartet will appear in a free public concert at 8 p. m. Thursday (Oct. 19) in the Museum of Natural History auditorium on the University of Minnesota campus.

The concert is the second in a series of three entitled "Chamber Music: Samples from a Golden Age, 1760-1830", scheduled for this month.

Members of the quartet are Frederick Sewell, violin; Jane LaBerge, violin; Daniel Barach, viola; and Betty Anderson, cello. The program will include selections from Haydn, Mozart and Beethoven. George Houle, assistant professor of music, will give the commentary.

The chamber music series is sponsored by the University's humanities program and the department of concerts and lectures and by the Music Performance Trust Fund of the Recording Industry (Local 73 of the American Federation of Music).

-UNS-

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OCTOBER 18, 1961

BIBLE EXPERT  
TO GIVE PUBLIC  
LECTURE AT 'U'

(FOR IMMEDIATE RELEASE)

Charles T. Fritsch, professor of Old Testament, Princeton Theological Seminary, Princeton, N. J., will deliver the first of a series of archaeological lectures at 8:30 p. m. Monday (Oct. 23) in the Museum of Natural History auditorium at the University of Minnesota.

The free illustrated lecture, open to the public, will be entitled "Land and Water Archaeology at Caeserea Maritima". The series is sponsored by the Minnesota Society of Archaeological Institute of America and the University department of concerts and lectures.

In the summer of 1960, Professor Fritsch was chief field archaeologist for the Link Marine expedition to Israel. This expedition carried on research along the Palestinian coast after fishermen uncovered evidence that the harbors had been used extensively by Egyptians, Phoenicians, Hebrews, early Christians, Byzantines and others from the third millennium B. C. to the Middle Ages. Explorer Edwin A. Link, sponsored by the American Israel society, built a specially equipped boat for underwater research in the Mediterranean and the Lake of Galilee.

Professor Fritsch was also visiting lecturer at the American School of Oriental Research in Jerusalem in 1954 and has visited cave sites in the Judean desert to gain first-hand knowledge of the Dead Sea Scroll manuscripts.

He is the author of many articles for Biblical journals. His book, "The Qumran Community, Its History and Scrolls", was published in 1956.

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STUDENT PERSONNEL  
WORKERS TO MEET  
NEXT WEEK AT 'U'

(FOR IMMEDIATE RELEASE)

Minnesota college student personnel workers will meet at the University of Minnesota Monday and Tuesday (Oct. 23 and 24) for a conference institute on "Relationships and Transfers Among Colleges".

This will be the 13th annual institute for college student personnel workers conducted by the University's Center for Continuation Study and the office of the dean of students.

Transfer student problems will be one of the chief problems considered during the institute.

Several reports on studies of the migration of college students in the state, characteristics of Minnesota college students and other problems concerning college cooperation will be presented by University staff members, representatives of other colleges and Twin Cities high schools.

Among visiting speakers will be Leith Shackel, dean of women at Carlton college, Northfield; Robert G. Zumwinkle, dean of students at St. Cloud State college; Dean Charles E. Hill of Rochester Junior college; Loren Benson, guidance director in Hopkins public schools; Catherine Pinney, Mankato public schools guidance director.

University staff members on the program include Stanley J. Wenberg, vice president and administrative assistant; Dean E. G. Williamson, dean of students; Dean Julius M. Nolte of the general extension division; Professor Ralph F. Berdie, director of the student counseling bureau; Dean William B. Lockhart of the law school; and Robert J. Keller, director of University High school.

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OCTOBER 19, 1961

'U' REACHES  
HALF-WAY MARK  
IN FUND DRIVE

(FOR IMMEDIATE RELEASE)

The University of Minnesota has reached the half-way mark in its goal for the United Fund of Hennepin County.

Professor Samuel H. Popper, chairman of the University's Consolidated Fund drive, said reports from drive captains this week brought total solicitations to date to almost \$28,500, or 50 percent of the University's goal of \$57,000.

The consolidated drive, in its second year at the University, also includes solicitations for the Hennepin county chapter of the American Cancer society and the Minnesota Heart association. No goals have been set for the heart and cancer drives. Totals will be announced at the end of the drive.

Some 35 captains and 400 solicitors, all members of the University's academic and civil service staffs, are conducting the consolidated drive.

University President O. Meredith Wilson, in an official letter opening the University's drive, pointed out that much of the money collected on campus by the drive makes its way back to the University in the form of grants which support research projects.

-UNS-

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OCTOBER 20, 1961

LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF OCT. 22-29

- Monday, Oct. 23 --- Homecoming Week opens at the University of Minnesota.  
\*
- Tuesday, Oct. 24 --- Lecture: "United Nations and Diffusion of Power Among Smaller Countries" by Walter W. Klein, University of Minnesota political scientist, 12:20 p. m., Room 155 Ford hall, open free to the public.
- Tuesday, Oct. 24 --- Homecoming convocation, University of Minnesota Men's Glee club and other entertainment, 12:30 p. m., Northrop Memorial auditorium, open free to the public.
- Tuesday, Oct. 24 --- Lecture: "Research in Race Relations in Britain" by Professor Anthony H. Richmond, University of Edinburgh, Scotland, 3:30 p. m., Room 155 Ford hall, open, free.
- Wednesday, Oct. 25 --- United Nations Day convocation: lecture, "Down Under View of the United Nations" by Sir Leslie Munro, president of the 12th General Assembly of the United Nations, 8:30 p. m. in Northrop Memorial auditorium, free.
- Wednesday, Oct. 25 --- Chamber music concert, featuring George Houle, oboe, and Arthur Freiwald, viola, 8 p. m., Minnesota Museum of Natural History auditorium, open free to the public.
- Wednesday, Oct. 25 --- Homecoming Coronation Ball, University of Minnesota, 9 p. m., Coffman Memorial Union main ballroom, admission.
- Thursday, Oct. 26 --- Sen. Wayne Morse of Oregon will speak on the government's role in meeting the demand for health care at 8 p. m., Northrop Memorial auditorium, open free to the public.
- Friday, Oct. 27 --- University of Minnesota Homecoming Parade, 11:30 a. m. through campus.  
  
Homecoming Bonfire, west bank parking lot, 21st and Washington aves., S., 8 p. m.  
  
Homecoming Pep Rally and Street Dance, parking lot at 17th and 4th st., S. E., 9 p. m.
- Saturday, Oct. 28 --- Homecoming dance, Coffman Memorial Union main ballroom, 9 p. m., admission.
- \*Monday, Oct. 23 --- Lecture, by Charles T. Fritsch, professor of Old Testament at Princeton Theological Seminary, "Land and Water Archaeology at Caesarea Maritima", 8:30 p. m., Minnesota Museum of Natural History auditorium, open free to the public.

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OCTOBER 20, 1961

NINE 'U' CHEMICAL ENGINEERING  
STUDENTS GET NSF RESEARCH GRANTS

(FOR IMMEDIATE RELEASE)

Nine University of Minnesota chemical engineering students will receive grants of \$150 each from the National Science Foundation for independent research projects during the current school year.

The recipients are among top students in their class of 47 fourth year chemical engineering majors, according to George W. Preckshot, associate professor and director of the NSF Undergraduate Research Participation Program in chemical engineering at the University.

They were selected on the basis of promise of success in research, Professor Preckshot said. All are working toward the bachelor of science degree in engineering.

Professor Preckshot said the grants not only will provide stimulus for the students in their undergraduate work, but will serve as acceleration for their subsequent graduate work.

The recipients and their projects are:

John A. Briese, Buffalo Lake, Minn., "Preservation of Biological Systems Against Radiation". This will be a study of microorganisms which will accompany man in space in order to provide him with food and oxygen.

Richard C. Gudesen, 10 West Fifth st., Duluth, Minn., "Effect of Sound Field Geometry on a Vibrating Bubble", detailed observations of a bubble in a sound field to study the transfer of gas from inside the bubble to the outside air.

John H. Henderson, 222 Second st., Nashwauk, Minn., "Determination of the Frequency Response of a Pressure Process for Several Values of the Process Parameters", the calculation and measurement study of certain factors in the distilling process.

(MORE)

Larry O. Jones, Blue Earth, Minn., "Onset of Natural Convection in Shallow Air Layers", investigation of the factors responsible for heat transfer motion when a thin layer of air is heated from below.

Robert O. Mass, Route 4, Brainerd, Minn., "Bubbly Diffusion in Liquids", an organized study of the diffusion caused by bubbles agitating a liquid.

Paul A. Nelson, 5625 Bloomington ave., Minneapolis, "Coalescence Rates in Agitated Liquid-Liquid Systems", a study of the rate at which aqueous (watery) drops coalesce in an organic liquid---this information is important for the design of certain kinds of liquid extraction systems.

Arthur W. Opsahl, 1003 Dewey ave., Bemidji, Minn., "Dissolution of Solids in Agitated Slurries", the effects of speed of agitation, particle sizes, solid loading, density differences between solid particles and liquid on the solution rates of solid spheres in water are to be determined.

Thomas W. Spriggs, 8801 Penn ave., S., Minneapolis, "Interaction of Vortex Rings with Liquid Surfaces", investigation of the behavior of a vortex ring in water (similar to a smoke ring in air) to better understand heat and mass transfer in liquids.

Wilbur F. Sweeney, 4106 Chicago ave., S., Minneapolis, "Mixing and Mass Transfer in Very Viscous Fluids", study of the mechanism of blending of a very "thin" liquid with a "thick" liquid.

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UN OFFICIAL,  
SIR LESLIE MUNRO  
TO SPEAK AT 'U'

(FOR IMMEDIATE RELEASE)

Sir Leslie Munro, former president of the United Nations General Assembly and former ambassador to the United States from New Zealand, will speak at 8:30 p.m. Wednesday (Oct. 25) in Northrop Memorial auditorium at the University of Minnesota.

He will address a free United Nations Day convocation, jointly sponsored by the Minnesota division of the American Association of United Nations, the Minnesota branch of United World Federalists and the University department of concerts and lectures.

Topic of his lecture will be "Down Under View of the United Nations".

Sir Leslie currently is the secretary-general of the International Commission of Jurists, a consultative organization under the UN based in Geneva, Switzerland, and representing 39,000 members of the legal community in 62 countries.

Sir Leslie served as permanent New Zealand representative to the United Nations from 1952 to 1958. In 1957, he was elected president of the Twelfth General Assembly after serving as president of the trusteeship council and the Security Council in 1955. In 1958, he was president of the third emergency session dealing with the crises in Lebanon and Jordan.

Following his resignation as permanent representative in 1958, the General Assembly appointed Sir Leslie as United Nations representative on Hungary to "report on significant developments relating to the...resolution of the General Assembly on Hungary".

Sir Leslie is a native of Auckland, New Zealand, and has been a practicing lawyer, university lecturer, radio commentator on international affairs and newspaper editor.

'U' HOMECOMING  
WEEK FESTIVITIES  
TO START TUESDAY

UNIVERSITY OF MINNESOTA  
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OCTOBER 20, 1961

(FOR IMMEDIATE RELEASE)

Minneapolis --- University of Minnesota alumni and students will join forces to "Den the Wolverines" during the 1961 Homecoming Week celebrations starting Tuesday, (Oct. 24) and continuing through the Minnesota-Michigan Homecoming football game Saturday, Oct. 28.

Dedicated to last year's national champions, the Golden Gophers, and to the alumni, 1961 Homecoming festivities will open officially with the new kickoff event, the Homecoming convocation at 12:30 p.m. Tuesday in Northrop Memorial auditorium. This free public event will feature nationally known musicians and entertainers in addition to the University cheerleaders, pom pon girls, the Gopher, the football marching band, the men's glee club, the cartoon-characters Yogi Bear and Friends, Gopher captain John Mulvena and the 15 Homecoming Queen finalist candidates.

The big news of Homecoming, the identify of the 1961 Homecoming Queen, will be revealed at the annual coronation ball at 9 p.m. Wednesday (Oct. 25) when the finalists are escorted into Coffman Memorial Union main ballroom and the winner is crowned by last year's queen, Kay Knudsen. All of the queen candidates will appear as models in the Union Board of Governors' sponsored Charm style show at 2:30 p.m. Thursday (Oct. 26) in Coffman Union.

A highlight of every Homecoming---the parade of floats, bands, marching units and fun groups--- will accent the 1961 Homecoming victory slogan, "Den the Wolverines" on Friday (Oct. 27). The parade this year will make a circle tour of the campus, winding up passing in review in front of the fantastically decorated houses on "Fraternity Row" on University avenue. The parade will start at 11:30 a. m.

The 1961 Alumni King will join the football coach, team members, cheerleaders and pom pon girls in leading the annual Homecoming pep rally at 8 p.m. Friday (Oct. 27) at the West Bank parking lot, 21st ave., S., and Washington ave. An impromptu "pep band" will lead the crowd across the river to the University band practice field and parking lot, No. 33, at 17th ave. and 4th street, S. E., where the traditional street dance will be held after the pep rally.

Following release of maroon and gold balloons at the 1:30 p.m. kickoff of the Minnesota-Michigan football game Saturday, Oct. 28, in Memorial stadium, the 1961 Homecoming Queen and the Alumni King will preside at the half-time activities.

Climaxing 1961 Homecoming festivities will be the annual Homecoming dance at 9 p.m. Saturday, Oct. 28, in Coffman Union main ballroom. This year's dance will feature the Brothers Four and the music of five bands---Larry Charles, Harry Blons, Willie Peterson, Dick Marrone and Chris KaLogerson.

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OCTOBER 20, 1961

'U' TO OBSERVE ACQUISITION  
OF 2 MILLIONTH LIBRARY VOLUME

(FOR RELEASE SUNDAY, OCT. 22, 1961)

Acquisition of the University of Minnesota Libraries' two millionth volume will be celebrated Thursday, Nov. 9, at a Friends of the University of Minnesota Library dinner in Coffman Memorial Union main ballroom.

Identity of the two millionth item, a gift of the late James Ford Bell, will be announced at the dinner by Edward B. Stanford, director of the University Libraries. James Ford Bell, Jr., will present the item to University President O. Meredith Wilson.

Chancellor Franklin D. Murphy of the University of California at Los Angeles, considered by many educational leaders as an outstanding builder of a state university library, will give the main dinner address.

The dinner, open to the public, will be held at 6:30 p.m. in Coffman Memorial Union main ballroom on the Minneapolis campus.

President O. Meredith Wilson will speak for the University.

Dr. Murphy, a one-time heart specialist, served as chancellor of the University of Kansas for nine years before his appointment at UCLA last year. While at Kansas, he became known as one of the leading university presidents in helping to strengthen and develop a state university library and its resources and for the state and community backing which he received for the university library.

An alumnus of the University of Kansas, he became a member of its school of medicine faculty in 1946 after serving in the army as a captain for two years. He received the doctor of medicine degree from the University of Pennsylvania in 1941 and taught on the faculty there for two years.

At the age of 32, he became dean of the University of Kansas school of medicine. Four years later, after attracting national publicity with a comprehensive rural medical plan, he took over the university chancellorship.

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OCTOBER 23, 1961

COUNTY WELFARE  
DIRECTORS COURSE  
AT 'U' THIS WEEK

(FOR IMMEDIATE RELEASE)

An in-service training institute for Minnesota county welfare board directors will be conducted Thursday and Friday (Oct. 26 and 27) by the University of Minnesota Center for Continuation Study.

Guest lecturer will be Helen H. Perlman, University of Chicago social work professor. She will speak on "Family Diagnosis", analyzing how a family either contributes to or helps solve welfare problems in the community, at 9 and 10:30 a.m. Friday (Oct. 27).

Roy G. Francis, University of Minnesota sociology professor, will open the institute at 9 a. m. Thursday with a discussion of "Family Life Problems in Rural Areas". The Rev. Reinhold Marquardt, pastor of Immanuel Lutheran church, Gaylord, Minn., will speak on "The Aging Person's Innate Franchise" at 11 a. m.

Morris B. Hursh, Minnesota state commissioner of public welfare, and Francis C. Gamelin, assistant superintendent of Robbinsdale public schools, will be the Thursday afternoon speakers.

Friday afternoon, Earl J. Beatt, executive director of the Family and Children's Service, Minneapolis, will close the institute with a talk on "Staff Accountability for Performance in Social Agencies".

The two-day course will be presented by the University in cooperation with the Minnesota Association of Directors of County Welfare Boards and the Minnesota Department of Public Welfare.

DR. LILLEHEI AMONG  
TOP PHYSICIANS TO  
LECTURE IN PHILIPPINES

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OCTOBER 23, 1961

(FOR IMMEDIATE RELEASE)

Dr. C. Walton Lillehei, University of Minnesota heart surgeon, will leave Tuesday (Oct. 24) for Manila as part of a select "faculty" of American specialists who will lecture for several days to physicians and surgeons in the Philippines and Taiwan.

The group is first in a kind of "medical Peace Corps" set up by the American College of Cardiology with support from the United States state department. Its purpose is to acquaint foreign physicians and surgeons in detail with the latest in established American theory and techniques for dealing with heart diseases and other ailments of the circulatory system.

Dr. Lillehei has been in Washington since Wednesday (Oct. 18) for briefing.

Dr. E. Grey Dimond, Scripps Clinic and Foundation, California, is head of the unit. Other internationally known specialists in the group are Dr. Simon Dack, editor-in-chief of the American Journal of Cardiology; Dr. George Burch, Tulane university, and Dr. Eliot Corday, University of California School of Medicine, Los Angeles.

The group will spend five days of intensive teaching and discussion in Manila, including morning lectures at Santo Tomas university and rotating afternoon visits to five medical schools where they will conduct teaching clinics. Panel discussions will be held in the evenings.

A similar course will be held in Taipei, Taiwan, for two days.

Physicians and surgeons from other areas of the Orient have been invited to attend the lectures.

Next year, American College of Cardiology plans to send its "International Circuit Course" groups to Paris, Lisbon, Istanbul and Jerusalem as a practical way of helping other nations in an important area and as a way of showing abroad some of the best features of modern American civilization, a college spokesman said.

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HOPKINS DOCTOR  
TO GET U OF M  
ACHIEVEMENT AWARD

(FOR IMMEDIATE RELEASE)

Dr. Herman E. Drill, 713 Drillane Road, Hopkins, will receive a University of Minnesota Outstanding Achievement Award at the annual dinner meeting of the Minnesota Medical Alumni association at 8 p.m. Friday (Oct. 27) in the Radisson hotel.

The award, consisting of a gold medal and citation, is given to University alumni who have distinguished themselves in their chosen fields.

Dr. Drill, who has been practicing medicine in Hopkins since 1931, is being cited as an influential leader in Minnesota Medical Foundation and Minnesota Medical Alumni affairs, particularly in his role as "emissary" between the two organizations. According to his citation, he is a "long-time, tireless worker for the University of Minnesota medical school".

Dr. Drill has been president of both the Minnesota Medical foundation (1958-1960) and the Medical Alumni association (1948-50). He has also served on the board of trustees of the foundation from 1952-60 and is currently a member of its executive committee.

In past years, Dr. Drill has been president and chairman of the board of the Hennepin County Medical society, and president of the Hennepin County Chapter of General Practice, the Minnesota Academy of General Practice and the Hennepin County Tuberculosis association. He is a member of the national board of directors of the American Association of General Practitioners.

Dr. Charles W. Mayo, Rochester, a regent of the University, will present the award. Dinner will be preceded by a social hour at 6:30 p. m.

POET CIARDI  
TO SPEAK AT  
'U' BOOK WEEK

UNIVERSITY OF MINNESOTA  
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OCTOBER 23, 1961

(FOR IMMEDIATE RELEASE)

John Ciardi, poetry editor of Saturday Review magazine, will speak at a dinner at 6 p.m. Tuesday (Nov. 7) in Coffman Memorial union, highlighting the annual Book Week program at the University of Minnesota.

His topic will be "The Appetite for Fun".

Ciardi, a poet and lecturer, had been professor of English at Rutgers university, New Brunswick, N. J., until his resignation in July of this year. He will be there briefly in residence each year as visiting poet.

He is also director of the summer Bread Loaf writers conference at Middlebury college, Breadloaf, Vt., and is the recipient of many literary prizes, including the Prix de Rome, the Levinson prize, the Eunice Tietjens award, the Blumenthal prize, Avery Hopwood award and Harriet Monroe memorial award.

His books of poetry include "Homeward to America", "As If", "I Marry You", "How Does a Poem Mean" and "39 Poems". He is also the author of several poetry books for children.

Deadline for tickets for the dinner, open to the public, is Thursday, Nov. 2.

Two afternoon sessions in observance of Book Week also have been scheduled for Nov. 7. New books for kindergarten and elementary grades will be displayed from 3:30 to 5:30 p.m. in the Minnesota Museum of Natural History at the University. The books will be reviewed at 4:30 p.m. in the Museum auditorium by three members of the Robbinsdale public school library, Margaret White, Geraldine Kowski and Elayne Wright.

Junior and senior high school books will be displayed from 3:30 to 5:30 p.m. in the University high school library, Peik hall, with reviews scheduled at 4:30 p.m. by Patricia Pond, Margaret Georgas, Jene Johnson and Blanche Aust, also of the Robbinsdale public school library.

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OCTOBER 24, 1961

'U' GRADUATE STUDENT  
GETS NSF GRANT  
FOR STUDY ABROAD

(FOR IMMEDIATE RELEASE)

Robert B. Warden, graduate chemical engineering student at the University of Minnesota, has been awarded a postdoctoral fellowship for advanced study and research by the National Science foundation, it was announced today.

Warden, of Wallingford, Pa., will study at the University of Cambridge, England, for one year.

The fellowship was one of 60 awarded by the foundation to persons who have demonstrated ability and special aptitude for advanced training in the sciences. It includes an annual stipend of \$5,000 plus additional allowances. Recipients will study or carry on research at 25 institutions in the United States and at 35 institutions in foreign countries.

Awards in this program are made twice a year. The National Science foundation is now accepting applications for awards to be made on March 15, 1962.

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UNIVERSITY OF MINNESOTA  
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OCTOBER 24, 1961

'U' LAW ALUMNI  
TO MEET SATURDAY  
FOR HOMECOMING

(FOR IMMEDIATE RELEASE)

Alumni of the University of Minnesota law school will gather for a Homecoming open house and pre-game lunch, beginning at 10 a. m. Saturday (Oct. 28) in Fraser hall on the campus.

The gathering, authorized last spring by action of the board of directors of the Law Alumni association, is intended to give former law students an opportunity to visit the law school, meet the present faculty, renew friendships and observe changes that have occurred in the law school.

After luncheon, most of the guests will attend the Homecoming football game, Minnesota versus the University of Michigan, in a group.

Arrangements for the event have been made by an alumni committee headed by Richard J. FitzGerald, class of 1959.

-UNS-

PAUL BUNYAN  
MANUSCRIPTS GIVEN  
TO 'U' LIBRARY

UNIVERSITY OF MINNESOTA  
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OCTOBER 25, 1961

(FOR IMMEDIATE RELEASE)

A gift of original manuscripts relating to Paul Bunyan have been presented to the University of Minnesota Library by their author James Stevens, Seattle, Wash., to be added to the Library's Paul Bunyan collection.

The gift includes both typescripts and handwritten drafts of stories published originally in 1924 and original letters from the author to literary personalities of the 1920's, such as H. L. Mencken, who encouraged Stevens in his creation of tall tales about Paul Bunyan.

Some of the stories are "The Winter of the Blue Snow", "The Sourdough Drive", "Bull of the Woods", and "An American Legendary Hero", which was later published as "The Black Duck Dinner" in American Mercury magazine.

Stevens was invited to place his Paul Bunyan manuscripts in the Walter library on the Minneapolis campus through Elwood R. Maunder, executive director of the Forest History Society, Inc., of St. Paul.

The Paul Bunyan collection was begun at the University in 1953 with a gift of books, magazine articles, drawings, photographs and phonograph records about Paul Bunyan donated by Professor W. W. Charters of Ohio State university. Since that time, additional collections of Paul Bunyan material have been given to the University by Mrs. Dorothy Moulding Brown, Madison, Wis., and the estate of William B. Laughead, whose art work in the 1920's helped to chronicle the Paul Bunyan story in the public mind.

The University Library's Bunyan collection is believed to be the largest in scope and original manuscript material of any now in existence, according to Edward B. Stanford, director of University libraries.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM.BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
OCTOBER 25, 1961

PRESIDENT WILSON  
TO OPEN NEW 'U'  
MEDICAL SCHOOL LECTURES

(FOR IMMEDIATE RELEASE)

President O. Meredith Wilson of the University of Minnesota will open a new series of University medical school lectures on the liberal arts at 8 p. m. Monday (Oct. 30) in Mayo Memorial auditorium.

His topic will be "The Ethical Animal?". The lecture will be open free to the public.

Dr. William Fleeson, assistant dean of the college of medical sciences, said the lectures, to which medical students and faculty and their wives are particularly invited, are designed to "broaden our horizons". Speakers will be selected from the social sciences and the arts.

President Wilson will be the first of three historians to deliver medical school lectures during the current fall quarter. Tom B. Jones, University history professor, and William Foxwell Albright, a leading Old Testament scholar and visiting professor of theology at the University, will be the other two fall speakers.

President Wilson, before becoming a college administrator, served on the history department faculties of the University of Utah, Brigham Young university and the University of Chicago.

Three lectures also are planned for both the winter and spring quarters.

'U' GETS \$200,000  
GRANT FOR RESEARCH  
ON RHEUMATIC FEVER

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM.BLDG.  
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OCTOBER 25, 1961

(FOR IMMEDIATE RELEASE)

A seven-year grant totaling more than \$200,000 has been awarded the University of Minnesota for continued research in rheumatic fever and rheumatic heart disease.

This is the second grant given by the National Public Health Service to the University to support research into the relationship between streptococcal infection and rheumatic fever and to find a possible drug or anti-body which would fight the disease.

The research project is being carried on by Dr. Lewis W. Wannamaker, an American Heart association career investigator and professor of pediatrics, assisted by Dr. Elia M. Ayoub, assistant professor of pediatrics. Dr. Wannamaker has been associated with the University since 1952. He began working in the field of rheumatic fever research in 1948, while serving in the army.

"While it is a well-established fact that rheumatic fever is a complication of a streptococcal throat infection," Dr. Wannamaker said, "we are trying to find out what it is about the streptococcus that causes this complication and why only about three per cent of the people with 'strep' throats fall victim to it, while the other 97% escape."

The importance of the research lies in the fact that about one-third of all rheumatic fever patients suffer permanent heart damage.

Part of the research, Dr. Wannamaker explained, consists of breaking down and chemically analyzing the streptococcal bacterium to find out which chemical constituent is responsible for causing rheumatic fever.

The project also includes a study of the anti-bodies formed in a patient's body to fight the streptococcal infection, on the theory that rheumatic fever might possibly be an anti-body reaction. Instead of protecting the patient, Dr. Wannamaker explained, something might go wrong, and the anti-bodies would become harmful.

(MORE)

Dr. Wannamaker said they also are trying to discover how the body rids itself of the toxic materials produced by the streptococcal infection. Some defect in this process might be present, he said, in those individuals who get rheumatic fever.

Rheumatic fever is primarily a child's disease, Dr. Wannamaker said, because streptococcal throat infection hits mostly children. Most former rheumatic fever patients are given penicillin every day to prevent reinfection and further heart damage.

The real problem in controlling streptococcal infection, Dr. Wannamaker said, is that sometimes it is so mild, a person is not aware he has it. If the infection is recognized and penicillin is given for a long enough time to wipe out all traces of infection, serious complications like rheumatic fever can be aborted.

The ultimate goal of the research is to find out what constituents in the streptococcal infection are causing rheumatic fever, to determine why the rheumatic fever patient is reacting differently from most people to this streptococcal product, and finally, to find a possible drug or anti-body that would neutralize this abnormal reaction.

Producing an effective vaccine against streptococcal infection is considerably more difficult than against most organisms, Dr. Wannamaker pointed out, because there are 40 different types of known streptococci as compared, for example, with only three different types of polio virus.

FORMER 'U' DOCTOR  
HONORED BY NATIONAL  
ANESTHESIOLOGISTS

UNIVERSITY OF MINNESOTA  
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OCT. 26, 1961

(FOR IMMEDIATE RELEASE)

Dr. Ralph T. Knight, professor emeritus of anesthesiology at the University of Minnesota, Thursday (Oct. 26) received the distinguished service award from the American Society of Anesthesiologists (ASA) at its annual meeting in Los Angeles, Calif.

The award recognizes his leadership, contribution and service to the field of anesthesiology.

Often referred to as the first anesthesiologist in Minnesota, Dr. Knight headed the University's department of anesthesiology from its inception in 1920 until his retirement in 1954. He was president of the ASA in 1953 and was also first president of the Minnesota Society of Anesthesiologists.

In 1958, he was awarded the St. Barnabas Bowl as the outstanding physician of Hennepin county.

The Ralph T. Knight Anesthesiology Research laboratory was dedicated in his honor at the University last February.

-UNS-

LABOR EDUCATORS  
TO MEET AT 'U' FOR  
NATIONAL CONFERENCE

UNIVERSITY OF MINNESOTA  
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OCTOBER 26, 1961

(FOR IMMEDIATE RELEASE)

More than 100 labor educators from the nation's universities and labor unions will meet for a three-day conference beginning Monday (Oct. 30) at Coffman Memorial Union at the University of Minnesota.

The national conference is being planned by the University's labor education program through the Center for Continuation Study.

The conference will discuss the ways in which labor education and its role within unions and society are affected by such developments as automation, urbanization, adult education and world affairs.

Speakers will include Walter Buckingham, director of the school of industrial management, Georgia Institute of Technology, on automation; Coleman Woodbury, University of Wisconsin political science professor, on urbanization; Jack Barbash, economics and labor education professor at Wisconsin, on leadership within unions, and J.B.S. Hardman, New York economist, on labor's role in society.

Ralph Campbell, industrial relations professor, Cornell university, and Howard Y. McClusky, University of Michigan education professor, will discuss what labor education can learn from other areas of adult education.

World affairs will be surveyed by Roger Dekeyzer, of Belgium, president of the International Transport Workers federation and a member of the Belgian delegation to the United Nations, and Joseph E. Johnson, president of the Carnegie Endowment for International Peace.

Mr. Dekeyzer will speak on "Labor's Role in World Affairs", at a dinner at 6:15 p.m. Tuesday, and Mr. Johnson will speak on "United States Policy in the United Nations" at a luncheon at 12:15 p.m. Wednesday. Both events will be in the junior ballroom of Coffman Memorial Union.

The conference will be sponsored by the National Institute of Labor Education, through a grant from the Fund for Adult Education, in cooperation with the University of Minnesota's labor education program, the University Labor Education association, and the AFL-CIO department of education.

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OCTOBER 26, 1961

PRESIDENTIAL PRESS SECRETARIES  
SALINGER, HAGERTY TO GIVE  
GUILD LECTURE AT 'U' NOV. 9

(FOR RELEASE 7 p. m. SATURDAY, OCT. 28, 1961)

Pierre E. Salinger, press secretary to President John F. Kennedy, and James C. Hagerty, press secretary of former President Dwight D. Eisenhower, will share the stage of Northrop auditorium on the University of Minnesota campus Thursday, Nov. 9, for the 15th annual Newspaper Guild Memorial lecture.

They will discuss "The Press and Presidential Leadership".

Time of the lecture, open free to the public, will be 8:15 p. m. As is traditional in the Newspaper guild lectures, the audience will be invited to submit questions after the speakers have finished their presentation.

This will be the first time in the series two speakers have been selected for the lecture.

The lectures are presented annually by the Newspaper Guild of the Twin Cities in cooperation with the University of Minnesota school of journalism and department of concerts and lectures.

Salinger and Hagerty each have been asked to talk on these three subjects:

1. The press secretary's relationship to the President in matters of news policy.
2. Method of operation and organization of the press secretary's duties--- contacts with the President and with the news media.
3. The philosophy of his administration on public information as a factor in presidential leadership.

(MORE)

Hagerty, who is now vice president of the American Broadcasting company in charge of news and public service, and Salinger both are former newspapermen. Hagerty was a member of the New York Times staff before serving as press secretary to former New York Governor Thomas E. Dewey and to President Eisenhower. Salinger began his professional career as a San Francisco Chronicle reporter and was associate editor of Collier's magazine before joining President Kennedy's staff for the 1960 election campaign. He has long been a leader in the Newspaper guild.

Purpose of the Newspaper guild lectures is to honor the memory of three Minneapolis newspapermen and Guild members who lost their lives in World War II. They were: Carroll Bon, Minneapolis Tribune, and Lawrence Cragg and Riley McKoy, Minneapolis Star.

Previous Guild lecturers were: Marquis Childs, Thomas L. Stokes, James B. Reston, Reinhold Niebuhr, Elmer Davis, Alan Barth, Eric Sevareid, George V. Ferguson, Henry Steele Commager, Herbert L. Block, Doris Fleeson, Gerald W. Johnson, Louis M. Lyons and Joseph W. Alsop, Jr.

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OCTOBER 26, 1961

SHAW PLAY TO OPEN  
'U' THEATER SEASON  
ON THURSDAY

(FOR RELEASE SUNDAY, OCT. 29, 1961)

Bernard Shaw's "Captain Brassbound's Conversion" will open the 31st season at the University of Minnesota Theater at 8 p.m. Thursday, (Nov. 2) in Scott hall auditorium.

Kenneth L. Graham will direct the production. Settings are by Wendell Josal and costumes by Jerry Rumley.

Featured in the title role will be Alfred Rossi, a graduate student studying at the University under a McKnight Foundation graduate fellowship in directing. Rossie earned his bachelor of arts degree at Loyola university and his master of arts at the University of Kansas. He has played many theater roles at both universities and in professional productions in Milwaukee and Chicago. In the spring and summer of 1963, Rossie will work directly under Tyrone Guthrie at the Tyrone Guthrie theater.

In the leading feminine role will be Helen Marie Backlin, playing Lady Cecily Waynefflete. A graduate of the University, Miss Backlin has been active in professional theater in London, England, appearing in various roles on radio and television and in J. Arthur Rank films.

Last year, she played leading roles in the University theater's productions of "Candida", "The Merchant of Venice", and "The Matchmaker".

Other cast members will include Wayne Quist, William Boughton, Donald Knoepfler and William Dixon.

Performances will be at 8 p.m. on Nov. 2, 3, 8, 9 and 10; at 7 p. m. and 10 p.m. on Saturdays, Nov. 4 and 11; and at 3:30 p.m. on Nov. 7 and 12. Tickets are available at the Scott hall box office.

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OCTOBER 26, 1961

'U' LIBRARIES TO MARK MILESTONE  
WITH ACQUISITION OF 2 MILLIONTH ITEM

(FOR RELEASE THURSDAY, NOV. 2, 1961)

Minneapolis --- A milestone in the growth of the University of Minnesota Libraries will be marked Thursday, Nov. 9, with the presentation and unveiling of the libraries' two millionth volume.

Identity of the two millionth item, a gift of the late James Ford Bell, longtime University Regent, will be revealed at a Friends of the University Library dinner in Coffman Memorial Union main ballroom on the Minneapolis campus.

Chancellor Franklin D. Murphy of the University of California at Los Angeles (UCLA), an outstanding builder of state university libraries, will give the main address at the 6:30 p. m. dinner. President O. Meredith Wilson will speak for the University of Minnesota.

Announcement of the two millionth item will be made by Edward B. Stanford, director of University Libraries.

The Libraries' one millionth volume was acquired in 1938, when the University had an enrollment of 14,751 students. Today's enrollment is more than double that figure -- 30,846.

Chancellor Murphy, a one-time heart specialist, was chosen as main speaker for the dinner because of the leadership he has provided in strengthening and developing the UCLA library and the library at the University of Kansas, of which he was chancellor for nine years before taking office at UCLA in 1960.

Civic leaders, state legislators, educators, faculty members and benefactors of the University will be among participants at the dinner.

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OCTOBER 27, 1961

AFRICAN OFFICIAL  
TO ADDRESS  
'U' CONVOCATION

(FOR IMMEDIATE RELEASE)

Musa Amalemba, Kenya housing minister, a man who has been called "one of the loneliest figures in African politics", will speak at a free, public University of Minnesota convocation at 11:30 a. m. Thursday (Nov. 2) in Northrop Memorial auditorium.

His topic will be "Kenya's March Toward Independence".

Amalemba is the first native to hold a post in the Council of Ministers, with a voice in the inner councils of government.

He has been described as a man of courage, a fighter against mob-rule and "big-stick" methods of intimidation. Because of his non-racial point of view, Amalemba has faced serious threats, including murder, from his political opponents: first, from the Kikuyu terrorists in the days of the Mau Mau revolt, and, more recently, from African nationalists intent on creating an all-African state.

The 37-year-old politician has been credited with solving many of the housing problems of Kenya, working with a staff of Europeans, Africans and Asians. Outside of the government, Amalemba now is devoting much of his time to building up Kenya's first multi-racial party, the New Kenya group.

His lecture is sponsored by the University's department of concerts and lectures.

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OCTOBER 27, 1961

LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF OCT. 29-NOV. 5

- Sunday, Oct. 29 --- University Gallery open from 2 p.m. to 5 p. m., Northrop Memorial auditorium. Free.
- Organ recital by Heinrich Fleischer, associate professor of music, 3:30 p.m., Northrop Memorial auditorium. Free and open to the public.
- Monday, Oct. 30 --- First of a series of eight Kaffee Konzerts, conducted by Thomas Nee, director of Minneapolis Civic orchestra. Commentary by David LaBerge, associate professor of psychology. 11:30 a.m. to 1:20 p.m. Free and open to the public.
- Lecture by President O. Meredith Wilson on "The Ethical Animal?", opening a new series of medical school lectures on liberal arts. 8 p.m., Mayo Memorial auditorium, free and open to the public.
- Tuesday, Oct. 31 --- Lecture: "The Flowering of Higher Culture in the Ancient East", fifth in a series of philosophy lectures by William Foxwell Albright, visiting professor of theology. Theme of the series is "Faith in Search of Understanding". 8 p. m., Murphy hall auditorium, free and open to public.
- Thursday, Nov. 2 --- Musa Amalemba, Kenya housing minister, will speak on "Kenya's March Toward Independence" at a convocation lecture at 11:30 a.m. in Northrop Memorial auditorium. Free and open to the public.
- Opening of the University Theater's 31st season. Bernard Shaw's "Captain Brassbound's Conversion", 8 p.m. in Scott hall auditorium. Admission.
- Sunday, Nov. 5 --- "Land of the Prairie Ducks", lecture by John R. Tester, research ecologist, at 3 p.m., Minnesota Museum of Natural History. Free and open to the public.

MIDWEST UNIVERSITY  
STUDENT SCHOLARSHIP  
OFFICERS TO MEET AT 'U'

UNIVERSITY OF MINNESOTA  
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OCTOBER 27, 1961

(FOR IMMEDIATE RELEASE)

The eleventh annual Big 10 and Big 8 Financial Aid Officers conference will be held Monday and Tuesday (Oct. 30-31) at the University of Minnesota, according to George B. Risty, University bureau of loans and scholarships director and conference host.

Attending the conference will be approximately 75 representatives from the colleges and universities making up the group membership as well as delegates from East and West Coast and Southern Conference institutions; such major educational foundations as General Motors, Alfred P. Sloan Foundation and the George M. Pullman Educational Foundation; the United States Office of Education, the Educational Testing Service; the National Merit Scholarship foundation; the College Scholarship service; the College Entrance Examination board; the Sears foundation; secondary schools and citizens interested in the problems of financing student education.

With a nationwide representation of student financial aid experts attending this year's conference, Risty said, serious consideration will be given by the group to the possibility of expanding the organization into a national association.

Purposes of the conference, Risty said, are to present and discuss the philosophy of student financial aids and the administration and coordination of student financial aid programs on the local, state and national levels.

Following conference registration at 9 a.m. Monday in Mayo Memorial auditorium, Edmund G. Williamson, University dean of students, will welcome conferees and deliver the keynote address, speaking on "Student Financial Aids in the Larger Framework of the Student Personnel Program".

(MORE)

Monday afternoon's session in 120 Fraser hall will include a 2 p.m. report, "Reorganization of the College Scholarship Service", by Rexford G. Moon, Jr., College Scholarship Service director, New York, and a 3 p. m. talk, "State Financed and State Administered Loans and Scholarships", by J. Harold Goldthorpe, specialist in student financial assistance, United States Office of Education, Washington, D. C. Highlight of the evening dinner in the University's Campus Club will be the 8 p. m. address, "The Function of Gifts and Grants in Public Institutions", by Stanley J. Wenberg, University vice president and administrative assistant.

James F. Bemis, University of Washington financial aid director, and Graham R. Taylor, College Scholarship Service assistant director, will discuss National Merit and sponsored scholarships programs and foreign student scholarships at a 9 p. m. chat session.

John D. Dewey, Intercollegiate (Big 10) Conference director of financial aid service, will discuss present and proposed student athlete financial aid programs at the 7:45 a. m. breakfast meeting of Big 10 student financial aid officers Tuesday in the Campus club.

Several facets of the National Defense Education Act will be surveyed at the group's 9:30 a.m. meeting in the Murphy hall auditorium. Robert P. Huff, director of financial aids at Stanford university, will speak on "NDSL---Developments, Problems and Research". "Institutional Scholarships: Publicity, Selection Procedures, Studies and Research" will be the topic at a 10:30 a. m. panel discussion followed by a talk by Ronald M. Brown, University of Colorado director of financial aid, on professional organization.

A panel discussion on student employment at 2 p.m. in Room 120 Fraser hall will bring the conference to its concluding speech---Professor Risty's 3 p. m. address on "Administration of Student Financial Aids at the University of Minnesota".

University of Minnesota faculty members taking part in the program, in addition to Dean Williamson and Professor Risty, are Sigurd T. Dyrland, director of student employment and Hugh J. McCardle, assistant director of loans and scholarships.

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SUNDAY MUSEUM  
SERIES AT 'U'  
TO OPEN NOV. 5

(FOR IMMEDIATE RELEASE)

The annual series of free Sunday afternoon programs presented by the Minnesota Museum of Natural History of the University of Minnesota will open with a lecture on "Land of the Prairie Ducks" at 3 p.m., Nov. 5, in the Museum auditorium.

Twenty-one programs have been announced for the series, which will extend until April 8. All are open free to the public.

John R. Tester, research ecologist at the Museum, will deliver the first lecture dealing with this year's waterfowl and the problems of conserving them as game.

Among future programs are "The Bison's Influence on History", "Superior's North Shore in Winter", "The Oceans and Our Weather", "Indian Burial Mounds in Minnesota", "Animal Behavior", and "Space and Gravitational Research".

Last year's total attendance at the programs was approximately 9,000 persons. On several afternoons, programs had to be presented twice to accommodate an overflow attendance.

The Museum is open every Sunday from 2 p.m. to 5 p.m.

UNIVERSITY OF MINNESOTA  
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OCTOBER 30, 1961

GERMAN PHYSICIST  
TO GIVE PUBLIC  
LECTURE AT 'U'

(FOR IMMEDIATE RELEASE)

A free, public lecture by Professor Werner Menzel, chief of the Anneliese-Sieveking hospital, Hamburg-Volksdorf, Germany, will be given at 12:30 p.m. Monday (Nov. 6) in 104 Jackson hall on the University of Minnesota campus.

His topic will be "Changes in Body Functions of Man Along the 24-Hour Scale". Dr. Menzel has worked on periodic changes in a variety of body functions in man, aiming particularly at making clinical use of these changes as a possible diagnostic tool. He has also been concerned with timed treatment and has constructed a device for this purpose.

The special lecture is sponsored jointly by the department of pathology, the college of medical sciences and the department of concerts and lectures of the University and the Cambridge State School and Hospital.

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UNIVERSITY OF MINNESOTA  
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OCTOBER 30, 1961

NSF POSTDOCTORAL  
FELLOWSHIP  
DEADLINE DEC. 18

(FOR IMMEDIATE RELEASE)

Applications for postdoctoral fellowships from the National Science Foundation, Washington, D. C., will be accepted through Dec. 18 for study in the mathematical, physical, medical, biological and engineering sciences.

About 135 awards will be made for study and research in the above sciences, including anthropology, economics (excluding business administration), geography, the history and philosophy of science, psychology (excluding clinical psychology), sociology and interdisciplinary fields.

Applicants must be citizens or nationals of the United States, possess special aptitude for advanced training and must hold the doctoral degree or have the equivalent education and experience.

The fellowships provide a stipend of \$5,000 for scientific study or work at appropriate American or foreign institutions.

Application materials may be obtained by writing to the Fellowship office, National Academy of Sciences--National Research Council, 2101 Constitution avenue, N. W., Washington 25, D. C.

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OCEAN DEPTHS  
TOPIC OF FIRST  
'U' SIGMA XI LECTURE

(FOR IMMEDIATE RELEASE)

Three scientific lectures on topics ranging from the ocean depths to the interior of a wheat kernel to space propulsion engines have been announced for the annual Sigma Xi lecture series at the University of Minnesota.

The first, scheduled for 8 p.m. Tuesday (Nov. 7) in room 100 Mayo Memorial auditorium, will be given by George Shor, senior scientist at Scripps Oceanographic Institute, LaJolla, Calif. His presentation of "Geophysics in the Marine Environment" will describe methods of studying earthquakes, geomagnetism, underwater acoustics and heat flow in the Indian and Pacific oceans.

Clyde Christensen, University of Minnesota plant pathologist, has been chosen as the second lecturer of the series, in recognition of his work on fungi in stored grain, a topic of major importance to the Minnesota milling industries. He will speak on "Myths, Microbes and Stored Grain" on Jan. 30 in the Dairy Industries building on the St. Paul campus.

The final lecturer will be Maurice Zucrow, Purdue university aeronautical engineer, speaking on "Space Propulsion Engines--Their Characteristics and Research Problems". He will appear on April 6 in room 100, Mayo Memorial auditorium.

Each speaker will meet with University of Minnesota staff members during the day preceding his lecture to exchange ideas and experiences in his field.

Sigma Xi is a national society for the advancement of scientific research. Max O. Schultze is president of the University of Minnesota chapter.

UNIVERSITY OF MINNESOTA  
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OCTOBER 30, 1961

RELIGIOUS EDUCATORS'  
INSTITUTE SET AT 'U'  
NOV. 13 and 14

(FOR IMMEDIATE RELEASE)

The seventh annual University of Minnesota training institute for religious educators will be conducted Monday and Tuesday, Nov. 13 and 14, at the Center for Continuation Study on the Minneapolis campus.

Techniques of group education will be the focal point of discussions. Ned A. Flanders, University of Michigan education professor and former University of Minnesota faculty member, will open the conference at 9:15 a. m. Monday, Nov. 13, with pointers on group discussion.

A film on sociological conditions entitled "A Day in the Night of Jonathan Mole", endorsed by the Minneapolis Mayor's Council on Human Rights, will be shown at 1:15 p. m. Nov. 13 as part of the discussion on use of films and tapes in group education.

"The Person in the Group Process" will be Tuesday's subject of discussion.

The institute will adjourn Monday afternoon at 4:30 to attend the Religious Participation Week convocation at the University featuring an address by Jaroslav Pelikan, University of Chicago divinity school professor, in Northrop Memorial auditorium.

The University's office of the coordinator of students' religious activities will cooperate with the Continuation Center in presenting the institute.

UNIVERSITY OF MINNESOTA  
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OCTOBER 31, 1961

FOUNDER OF INDIA  
COLLEGE FOR WOMEN  
TO SPEAK AT 'U'

(FOR IMMEDIATE RELEASE)

Miss K. Shanthi Rangarao, founder of the Central College for Women, Nagpur, India, will speak at 3:30 p.m. Wednesday (Nov. 8) in Murphy hall auditorium on the University of Minnesota campus.

Miss Rangarao, a political and cultural leader in India, was deputy chief commander of the Women's Auxiliary corps in World War II and has taught at Queen Mary's Madras university.

The free lecture, open to the public, is sponsored by the University International Relations Center and the department of concerts and lectures.

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UNIVERSITY OF MINNESOTA  
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OCTOBER 31, 1961

'U' REGENTS  
TO MEET SATURDAY

(FOR IMMEDIATE RELEASE)

The Board of Regents of the University of Minnesota will meet at 9:30 a. m. Saturday (Nov. 4) in Room 238 Administration building on the Minneapolis campus.

Fred J. Hughes, St. Cloud, newly appointed board member, who will be attending his first Regents' meeting, will be sworn into office. Hughes was named to the board Oct. 21 by Governor Elmer L. Andersen to succeed the late Ray J. Quinlivan. Hughes' appointment is for the remainder of Mr. Quinlivan's term, which is due to expire in February, 1963.

-UNS-

UNIVERSITY OF MINNESOTA  
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NOVEMBER 2, 1961

DUCKWORTH TO  
TEACH ILL. COURSE

(FOR IMMEDIATE RELEASE)

Guy Duckworth, associate professor of music at the University of Minnesota, will spend Monday through Wednesday (Nov. 6-8) at Northwestern university, Evanston, working with that school's piano faculty and junior and senior piano-major students, he announced this week.

"The music faculty of Northwestern became interested in our work in our laboratory program here," Professor Duckworth said, "and have asked me to present a course of four hours of lectures, daily, as well as three hours of daily consultation with their faculty. The consultation periods will be devoted to suggestions for revisions of their preparatory program at Northwestern as well as suggestions for their piano-majors' programs."

The piano program which Professor Duckworth and his students presented on the TV program, "Folio", in February, 1960, has been taped, he said, and he will use it to illustrate his lectures at Northwestern.

-UNS-

ADM. JAAP TO  
ADDRESS NAVY  
LEAGUE SATURDAY

UNIVERSITY OF MINNESOTA  
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NOVEMBER 2, 1961

(FOR IMMEDIATE RELEASE)

Rear Admiral Joseph Jaap, U.S. Navy, will be the honored guest and principal speaker Saturday (Nov. 4), when the midshipmen of the University of Minnesota Naval Reserve Officers Training Corps unit and their parents are banquet guests of the Minneapolis chapter of the Navy League.

Admiral Japp, director of the Navy's development programs division, Washington, D.C., is responsible for the monitoring, coordinating, research, development, test and evaluation programs of the Navy which have, as their ultimate goals, the development of modern equipment for use by Navy fleets at sea. He has been associated, since his graduation from the U.S. Naval Academy in 1932, with both operational and technical phases of weapons systems---particularly those related to aviation, ordnance and atomic energy.

An expert on atomic weapons and the effects of atomic radiation fallout, Admiral Jaap will use the 1961 Navy Day slogan, "The Navy---Freedom's Guardian" on the future Navy officer's role as guardian of the peace of the world as his topic.

At the 7 p.m. banquet in the University's Coffman Memorial Union main ballroom, local Navy League "parents" for midshipmen from other parts of the country will be provided, according to Brigadier General John R. Moe (Marine Corps, Ret.), Navy League Minneapolis council president. Approximately 500 University midshipmen, parents---real and "proxy"---and Navy League members are expected, Gen. Moe stated.

"We are giving this banquet, which we hope will become an annual affair," he said, "in the interest of bringing together the young men of the University's Naval ROTC unit and their parents with the men of Minneapolis and St. Paul who share their interests in the United States Navy".

Malcolm M. Willey, University academic vice president, will represent the University at the gathering.

Minneapolis Navy League officers, in addition to General Moe, are: Eugene P. McCahill and N. E. (Ted) Owens, vice presidents; Fred I. Watson, Sr., secretary-treasurer; David E. Bronson, judge advocate; and William L. Nunn, public information officer.

Captain Cary H. Hall, USN, University professor of Naval science, commands the local ROTC unit.

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'U' ARAB-AMERICAN  
CLUB TO MEET FRI.

(FOR IMMEDIATE RELEASE)

Members of the Arab-American club of the University of Minnesota will observe the seventh anniversary of the Algerian revolution at 7:30 p.m. Friday (Nov. 3) in Coffman Memorial Union Men's Lounge.

University faculty members Charles H. McLaughlin, political science; Fred E. Lukermann, geography; and Stanley G. Payne and Theofanis G. Stavrou, history, will take part in a panel discussion of "The Algerian Problem". Following showing of the movie, "Our Algeria", refreshments will be served. The public is invited to attend this meeting, according to B. Saadallah, Algerian student at the University, who will introduce the program, co-sponsored by Coffman Union Board of Governors international committee, the International Relations club and the International Center for Students and Visitors.

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'U' MEDICAL SCHOOL,  
TECHNOLOGISTS JOIN  
ON HEART RESEARCH

(FOR IMMEDIATE RELEASE)

A complex research program in medical electronics is underway at the University of Minnesota, utilizing the widely divergent knowledge and skills of the medical school and the institute of technology.

The two University schools are working together on a project that could result in the important development of a rapid, convenient method of measuring cardiac output.

The project, under the direction of William G. Kubicek, professor of physical medicine, and Edwin Kinnen, assistant professor of electrical engineering, is financed by a \$75,869 research contract awarded to the University by the United States air force last summer.

Under the contract, Kubicek and Kinnen will attempt to develop a means of measuring electronically the amount of blood pumped by the heart in a given time. At present, according to Kubicek, there is no convenient, non-surgical method available to provide the physician with a continuous record of cardiac output (amount of blood pumped by the heart).

"Expensive, complicated and cumbersome methods do exist in some large hospital laboratories," Kubicek said, "but the data obtained from these methods is limited and inaccurate".

Kubicek said it appears to be within the scope of electronics to develop a method, adaptable to any physicians's office procedures, to measure the amount of blood pumped by the heart.

If such a method could be devised, Kubicek said, it would be a very important development in medicine, comparable in usefulness to the electrocardiogram, which is used to time events taking place in the heart.

(MORE)

By measuring cardiac output, Professor Kubicek explained, the physician can find out, for example, how the heart is responding to exercise. In a heart patient, this would help to decide if the patient can go back to work, or how much exercise he can safely take.

The air force is particularly interested in developing a method of cardiac output measurement for use during space flights and in other aircraft studies, he said.

Kubicek and Kinnen are attempting to develop this method by measuring and interpreting impedance changes in the body, due to heart contractions. Weak alternating electrical currents are sent through electrodes on the chest to detect these impedance changes, which are registered as wave forms on a graph, similar to that used in an electrocardiogram.

The mathematical analysis of these wave forms, to calculate what blood output the various impedance changes represent, is a very difficult process involving very complicated electronic systems and advanced mathematics, Professor Kubicek explained. These are fields in which the medical school staff members are not trained, he said.

On the other hand, the electrical engineers working out these analyses are not trained in physiology. The project, therefore, requires the knowledge and skills of both the medical school and the electrical engineering department, Professor Kubicek said, to achieve their hoped-for success.

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WILSON TO SPEAK  
TO 'U' RELIGIOUS GROUPS

(FOR IMMEDIATE RELEASE)

University of Minnesota president, O. Meredith Wilson, will initiate the University's annual Religious Participation Week, Nov. 13-17, with a public address this Sunday (Nov. 5) at 7:15 p. m. in Luther Hall, 1813 University avenue S. E.

The 27 student religious organizations on the Minneapolis campus, making up the Council of Student Religious Organizations, jointly sponsor the annual religious observation, according to Henry E. Allen, coordinator of University religious activities for the Office of the Dean of Students. This year's activities will mark the 15th annual observation of the week, Allen noted.

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LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF NOV. 5-12

- Sunday, Nov. 5 --- "Land of the Prairie Ducks", lecture by John R. Tester, research ecologist, at 3 p.m., Minnesota Museum of Natural History. Free, open to public.
- University President O. Meredith Wilson will speak at 7:15 p.m. in Luther Hall, 1813 University ave., S.E., initiating the annual Religious Participation week. Free and open to public.
- Monday, Nov. 6 --- Lecture by Professor Werner Menzel, chief of Anneliese-Sieveling hospital, Hamburg-Volksdorf, Germany, at 12:30 p.m. 104 Jackson Hall. Topic: "Changes in Body Functions of Man Along the 24-Hour Scale". Free, open to public.
- Tuesday, Nov. 7 --- "Geophysics in the Marine Environment", first Sigma Xi lecture by George Shor, senior scientist at Scripps Oceanographic Institute, LaJolla Calif. 8 p.m., room 100 Mayo Memorial auditorium. Free, open to public.
- University gallery: Coffee hour opening Nathan Oliveira one-man show, 2:30-4:30 p.m., third floor, Northrop Memorial auditorium. Free, open to public.
- University theater: "Captain Brassbound's Conversion", matinee, 3:30 p.m., Scott hall. Tickets at door.
- Lecture: "From Moses to Samuel: The Spiritual Adventure of Early Israel", sixth in a series of philosophy lectures by William Foxwell Albright, visiting professor of theology. 8 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.
- Wednesday, Nov. 8 --- Lecture: Miss K. Shanthi Rangarao, founder of Central College for Women, Nagpur, India, at 3:30 p.m., Murphy Hall auditorium. Free, open to public.
- Kaffee Konzert, with Thomas Nee directing 22 members of Minn. Symphony orchestra. 11:30 a.m. to 1:20 p.m., Coffman Memorial Union main ballroom. Free, open to public.
- University theater: "Captain Brassbound's Conversion", 8 p.m., Scott hall. Tickets at door.

(MORE)

LECTURES AND PUBLIC PROGRAMS

- 2 -

Thursday, Nov. 9 --- Convocation: Minneapolis Symphony orchestra in rehearsal, Stanislaw Skrowaczewski, conductor. 11:30 a.m., Northrop Memorial auditorium. Free, open to public.

Special lecture by Otto H. Scherbaum, associate professor of zoology, UCLA, on "Synchronous Cell Division". 3:30 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.

University theater: "Captain Brassbound's Conversion". 8 p.m. Scott hall. Tickets at door.

Pierre E. Sallinger, press secretary to President John F. Kennedy, and James C. Hagerty, press secretary to former President Dwight D. Eisenhower, will discuss "The Press and Presidential Leadership" at the 15th annual Newspaper Guild Memorial lecture. 8:15 p.m., Northrop Memorial auditorium. Free, open to public.

Friday, Nov. 10 --- University theater: "Captain Brassbound's Conversion", 8 p.m., Scott hall. Tickets at door.

Psychology colloquium lecture by Dr. Ragnar Rommetveit, University of Oslo psychology professor, on "Intuition in Concept Formation". 3:30 p.m., Murphy hall auditorium. Free, open to public.

Saturday, Nov. 11--- Henri Honegger, violoncellist, will play three of the Six Suites for Violoncello of Johann Sebastian Bach at 8:30 p.m. in Northrop Memorial auditorium. Free, open to public.

University theater: "Captain Brassbound's Conversion", two performances, 7 p.m. and 10 p.m., Scott hall. Tickets at door.

Sunday, Nov. 12 --- University gallery: Preview "Rembrandt's Etchings", 2 p.m.-5 p.m., third floor, Northrop Memorial auditorium. (Concertgoers planning to attend the Henri Honegger concert are especially urged to come early and tour the galleries.) Free, open to public.

Henri Honegger, violoncellist, will play the remaining three of the Six Suites for Violoncello of Johann Sebastian Bach in his second concert at 3:30 p.m. in Northrop Memorial auditorium. Free, open to public.

"Frontenac--Mecca for Birders", program presented by Dr. George Rysgaard, Northfield, Minn., 3 p.m., Minnesota Museum of Natural History. Free, open to public.

University theater: "Captain Brassbound's Conversion", matinee, 3:30 p.m., Scott hall auditorium. Tickets at door.

SWISS CELLIST  
TO PLAY BACH  
SUITES IN 'U' RECITALS

UNIVERSITY OF MINNESOTA  
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(FOR IMMEDIATE RELEASE)

Henri Honegger, noted Swiss cellist, will play the Six Suites for Violoncello of Johann Sebastian Bach in two free recitals Saturday (Nov. 11) and Sunday (Nov. 12) in Northrop Memorial auditorium at the University of Minnesota.

Honegger will appear at 8:30 p.m. Saturday, playing the Suite in G Major, No. 1; Suite in C Minor, No. 5, and Suite in C Major, No. 3.

In his appearance at 3:30 p.m. Sunday, Honegger will play the Suite in D Minor, No. 2; Suite in E-flat Major, No. 4, and Suite in D Major, No. 6.

Honegger presented the first complete performance in America of the Six Suites in 1950 in New York, in commemoration of the bicentenary of Bach's death. He has since played them at the Holland Festival in 1958 and at several universities throughout the United States.

Born in Geneva, Honegger first studied at the Conservatoire there, then continued his studies with Julius Klengel in Leipzig, with Alexanian and Pablo Casals at the Ecole Normale in Paris and with Emanuel Feuermann.

Honegger has appeared as soloist with most of the symphony orchestras in Europe, including the Paris Orchestre National, the London Symphony orchestra, the Madrid Orquesta Nacional and the Salzburg Mozarteum. He has also performed in North and South America and Africa.

In 1949, Honegger gave the first performance in Great Britain of the Sonata da Camera for 'Cello and Orchestra, dedicated to him by composer B. Martinu.

The recitals are sponsored by the University department of music and the department of concerts and lectures.

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'U' BOOKS TO BE  
DISPLAYED AT  
LAND-GRANT MEET

(FOR IMMEDIATE RELEASE)

Books and pamphlets published by the University of Minnesota Press will be exhibited Nov. 12-16 at the Land-Grant Centennial convocation of the American Association of Land-Grant Colleges and State Universities in Kansas City, Mo.

The University Press will be among twenty Land-Grant university presses sending exhibits to the convocation, whose theme is "The International Activities and Responsibilities of Land-Grant Institutions". The exhibits will emphasize the international sharing of knowledge through good books.

Displays will particularly emphasize those books which have been used widely around the world in their English editions and those which have been translated into foreign languages.

Among the 14 books to be exhibited by the University Press are Helen Clapesattle's "The Doctors Mayo" (including an Indian translation in Tamil), Jean Charnley's "An American Social Worker in Italy", Alrik Gustafson's "A History of Swedish Literature", and James Gray's "The University of Minnesota, 1851-1951".

A Japanese translation of "The Pattern of Management" by Lyndall F. Urwick and an Arabic translation of "The Population Ahead", edited by Roy G. Francis also will be in the exhibit.

Several pamphlets on American writers and an Arabic translation of each pamphlet also are included.

The Centennial convocation will be the first formal event of the Land-Grant centennial, which is being observed during the 1961-62 academic year to commemorate the signing of the Federal Land-Grant act by President Abraham Lincoln on July 2, 1862.

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FILM ON FRONTENAC  
AREA TO BE SHOWN  
AT 'U' MUSEUM SUNDAY

(FOR IMMEDIATE RELEASE)

A free natural history film of the colorful Frontenac area in Minnesota will be presented at 3 p. m. Sunday (Nov. 12) in the Minnesota Museum of Natural History at the University of Minnesota.

"Frontenac--Mecca for Birders" was produced and will be presented by Dr. George Rysgaard, Northfield, Minn. Dr. Rysgaard was a scientist on the Minnesota Museum staff many years ago, before entering medical school.

The Frontenac area, on the Mississippi river about 12 miles below Red Wing, was made a state park two years ago. Historically, it was a popular resort area during the Civil war period when river traffic brought travelers from up and down the Mississippi valley.

Frontenac is highly interesting for wildlife observation, especially birds. It is a stopover for many kinds of birds returning north in the spring, and also for some migratory birds in the fall of the year.

Dr. Rysgaard's film will give a preview of the bird life to be seen in this choice spot for observing bird migration.

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OSLO PSYCHOLOGIST  
TO SPEAK AT 'U'

(FOR IMMEDIATE RELEASE)

Ragnar Rommetveit, University of Oslo (Norway) psychology professor, will deliver a psychology department colloquium lecture at 3:30 p. m. Friday (Nov. 10) in Murphy hall auditorium on the University of Minnesota campus.

He will speak on "Intuition in Concept Formation". The free, public lecture is sponsored by the psychology department and the department of concerts and lectures.

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REP. MAC GREGOR  
TO SPEAK AT  
'U' WEDNESDAY

(FOR IMMEDIATE RELEASE)

Rep. Clark MacGregor, Minnesota congressman, will give "An Appraisal of the Kennedy Administration" at 3:30 p. m. Wednesday (Nov. 8) in Coffman Memorial Union Men's Lounge at the University of Minnesota.

The talk, open free to the public, will be sponsored by the University of Minnesota Republican association, a student group.

MacGregor, an Army Reserve major in military intelligence, has just returned from an active duty tour visiting Army installations in NATO countries, the Middle East, the Congo and Ghana. He also attended the annual Conservative Party conference in England last month.

Congressman MacGregor lives in Plymouth village with his wife Barbara and their three children. He is a graduate of Dartmouth college and the University of Minnesota law school. He was a trial lawyer in Minnesota until his election on the Republican ticket to Congress from the third district in 1960.

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SALINGER, HAGERTY  
TO TALK AT  
'U' THURSDAY

(FOR IMMEDIATE RELEASE)

Presidential press secretaries Pierre E. Salinger and James C. Hagerty will discuss "The Press and Presidential Leadership" at 8:15 p. m. Thursday (Nov. 9) in Northrop Memorial auditorium.

The occasion will be the 15th annual Newspaper Guild Memorial lecture sponsored by the Newspaper Guild of the Twin Cities in cooperation with the University of Minnesota school of journalism and department of concerts and lectures.

Salinger, President John F. Kennedy's press aide, has been a longtime leader in the guild and is a former San Francisco Chronicle reporter. Hagerty, vice president in charge of news and public service for the American Broadcasting company, served as President Dwight D. Eisenhower's press officer. He is a former member of the New York Times staff and was press secretary to Governor Thomas E. Dewey of New York for many years before joining President Eisenhower's staff.

The Newspaper Guild lectures were established in 1947 to honor the memory of three Minneapolis newspapermen and Guild members who lost their lives in World War II.

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SYMPHONY REHEARSAL  
TO BE OFFERING  
AT 'U' CONVOCATION

(FOR IMMEDIATE RELEASE)

An opportunity to attend a regular rehearsal of the Minneapolis Symphony orchestra is being offered to the public at a 11:30 a. m. convocation Thursday (Nov. 9) in Northrop Memorial auditorium at the University of Minnesota.

Stanislaw Skrowaczewski will be conducting the rehearsal in the new steel orchestral shell which was first used at the opening concert by the orchestra in October.

The rehearsal will already be in session when the public is admitted at 11:30.

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ALLEN TO ATTEND  
K.C. CONFERENCE

(FOR IMMEDIATE RELEASE)

Professor Henry E. Allen, coordinator of University of Minnesota religious activities, will attend the third annual national meetings of the Association for the Coordination of University Religious Affairs Thursday, Friday and Saturday (Nov. 9-10-11) in Kansas City, Mo.

The group will meet in the University of Kansas City's University Center.

Allen, a vice president of the organization, will take part in a panel discussion on "Changing Conceptions of Student Religious Work" and will chair the seminar on legal problems of church and state.

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FRI. FOOTBALL FANS  
WARNED ON 'U' TRAFFIC

(FOR IMMEDIATE RELEASE)

Sports fans planning on attending the annual Twin Cities High School championship game at 2 p. m. Friday (Nov. 10) in the University of Minnesota Memorial stadium are urged to leave their cars at home and to use public transportation in coming to the campus, according to University police department Captain William A. House, parking director.

"The advancement of the date of this annual sports event from its normal holiday scheduling on Veterans' Day, Nov. 11, to a heavy class schedule day at the University is going to make the parking problem really acute," Capt. House pointed out. "We have a peak campus-area parking problem on Fridays, anyway, and there simply will not be any room for the thousands of cars that normally would be used for transportation to this event. If the fans must drive, they'll be smart to park away from the area and take buses to the stadium."

-UNS-

GEOPHYSICS LECTURE  
SERIES TO OPEN  
AT 'U' NOV. 16

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(FOR IMMEDIATE RELEASE)

A distinguished lecture series in geophysics at the University of Minnesota has been announced for the 1961-62 season by Harold M. Mooney, associate professor of mines and metallurgy.

Dr. Lloyd Berkner, president of Associated Universities, New York, will open the free, public series with a lecture on "The Role of Geophysics in International Science" at 7:30 p.m., Thursday, Nov. 16, in Murphy hall auditorium on the campus.

The remaining lectures and their dates are:

Professor Jack Oliver, Columbia university, "Recent Advances in Earthquake Seismology", Nov. 28;

Professor Harold Urey, University of California, "Geology of the Moon", Dec. 5;

Professor Robert Uffen, University of Western Ontario, "The Deep Interior of the Earth", Jan. 9;

Dr. John Hodgson, Dominion Observatory, Ottawa, "The Mechanism of Earthquakes", Jan. 24;

Dr. F. A. Van Melle, Shell Development company, Houston, Tex., "Seismic Detection of Underground Nuclear Blasts", Feb. 13;

Wilbur Duvall, applied physics branch, United States Bureau of Mines, "Recent Advances in Blasting and Rock Mechanics", Feb. 27;

Dr. James Balsley, United States Geological Survey, "Rock Magnetism as a Geologic Tool", April 10.

All lectures will be held at 7:30 p. m. in Murphy hall auditorium, except the Dec. 5 lecture by Professor Urey, which will be in Mayo Memorial auditorium.

'U' PUBLIC HEALTH  
PROFESSOR NAMED TO  
NATIONAL COUNCIL

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(FOR RELEASE THURSDAY, NOVEMBER 9, 1961)

Herbert M. Bosch, professor of public health engineering, University of Minnesota school of public health, has been appointed to a three-year term on the National Advisory Health council.

The appointment was announced today by Surgeon General Luther L. Terry of the Public Health Service, U. S. Department of Health, Education, and Welfare.

As a member of the National Advisory Health council, Professor Bosch will advise and make recommendations to the surgeon general on matters relating to health activities and functions of the Public Health service, and advise on the activities of the Division of General Medical Sciences of the National Institutes of Health (NIH).

The division administers the NIH research grant programs in medicine and biology, in public health and in certain clinical sciences. The division also administers training grant and career award programs in the basic biomedical sciences and provides fellowships for general research training and directs the NIH Center for Aging Research, the General Clinical Research Centers program, the NIH Center for Research in Child Health and the NIH General Research Support Grants program. A prime function of the Council is to review applications for grants in these fields and make recommendations for their approval or disapproval.

Professor Bosch was born in Jefferson City, Mo., in 1907 and received a bachelor of science degree from the University of Missouri in 1929 and a master of public health degree from Johns Hopkins University School of Hygiene and Public Health in 1940.

From 1929 to 1935, he served with the Missouri state health board as public health engineer. From 1936 to 1950, he was public health engineer and chief of the section on environmental sanitation in the Minnesota state health department.

(MORE)

PROFESSOR BOSCH

- 2 -

Professor Bosch became associated with the United Nations World Health Organization (WHO) in 1950, serving in Geneva, Switzerland, from 1950 to 1952. Since 1952, he has been a member of a panel of experts in environmental sanitation, serving as a consultant for WHO to the governments of Yugoslavia and Finland, 1952; the Institute of inter-American Affairs, Brazil, from 1952 to 1959; the Pan American Sanitary Bureau, Brazil and Chile, 1952; Brazil, Argentina and Chile, 1959; the Middle East, 1956; and Japan, 1957. He was a member of the U. S. delegation to the 11th World Health Assembly in 1959.

Professor Bosch has been on the University of Minnesota staff since 1952. From 1953 to 1957, he was a lecturer at the Army Medical Service Graduate school, Walter Reed Army Medical center, Washington, D. C.

He has been a member of the Minnesota Board of Health since 1952, serving as vice president since 1954. He served in the Sanitary corps and the General Staff corps of the U. S. Army from 1941 to 1946. In Europe he served as the assistant chief of staff G-5, of XIX Corps and in that capacity directed the repatriation of almost 500,000 displaced persons. He is a colonel in the Army ready reserves. He has been a consultant in sanitary engineering to the Surgeon General, Department of the Army, since 1947. He has been a member of the Committee on Sanitary Engineering and Environment and chairman of a subcommittee on waste disposal, National Research Council, since 1952.

Professor Bosch has been awarded the Legion of Merit and the Bronze Star Medal with Oak Leaf Cluster by the U. S. government; the Chevalier of the Legion of Honor and the Croix de Guerre by France, the Croix de Guerre by Belgium, and the Order of Orange-Nassau (Commander) by the Dutch government.

He is an honorary fellow of the Royal Sanitary Institute, London, and is a member of several professional organizations.

'U' SCHOLARSHIP  
FUND SET UP BY  
MPLS. NAVY LEAGUE

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(FOR IMMEDIATE RELEASE)

Minneapolis --- A new student loan-scholarships fund at the University of Minnesota---the Minneapolis Navy League Scholarship Fund, Inc.,---was announced at the Navy League's first annual father-son banquet Saturday (Nov. 4) in Coffman Memorial Union.

The fund, sponsored by Navy League members of the Minneapolis Council, will be handled under the direction of George B. Risty, director of the University bureau of loans and scholarships, according to Captain Cary H. Hall, University professor of naval science and Navy Reserve Officers Training Corps commanding officer.

Any NROTC student at the University in need of financial assistance in the form of loans or direct grants, regardless of his class, will be eligible for aid from this new scholarship fund, Capt. Hall said. Arrangements for repayment of the loans after the student's graduation from the University, will be made as part of the initial agreement. No financial limits have been set.

Midshipmen recipients of financial aid from the Navy League scholarship fund will be selected by personal interview and vote of the 10-man board of directors of the fund.

Initial fund directors for the 1961-'62 year are: Wesley W. Meyers, chairman; N. E. (Ted) Owens, vice chairman; Dr. F. F. Wipperman; King Bennethun; Malcolm M. Willey, academic vice president of the University; Eugene P. McCahill; Fred O. Watson, Sr.; P. E. Foy; William L. Nunn, University relations director; and Brigadier General John R. Moe (USMC Ret.), ex officio. Captain Hall will act in advisory capacity, representing the local NROTC unit.

"The financial support and backing in a scholarship loan fund of such a group as the Minneapolis Navy League is of inestimable value to the University", Risty said. "The psychological impact of their act, we feel sure, will initiate other groups to follow their example in encouraging scholarship by easing the financial paths of University students".

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PELIKAN TO  
SPEAK AT 'U'

(FOR IMMEDIATE RELEASE)

Jaroslav Pelikan, professor of historical theology, The Divinity School, University of Chicago, will speak on "Tolerance Is Not Enough" at a University of Minnesota special lecture at 4:30 p.m. Monday (Nov. 13) in Northrop Memorial auditorium.

The free, public lecture, sponsored by the University Council of Student Religious Organizations and the department of concerts and lectures, is part of the annual observance of Religious Participation Week at the University.

A native of Akron, O., Professor Pelikan received his formal education in the midwest and was ordained into the ministry of the Lutheran church in 1946. He taught at Valpariso university, Valpariso, Ind., 1946-'49; Concordia seminary, St. Louis, 1949-'53, and came to the University of Chicago in 1953 as assistant professor, becoming a full professor in 1959.

He was the 1959 winner of the Abingdon award and his prize-winning manuscript was published that year under the title "The Riddle of Roman Catholicism".

A departmental editor for religion for the *Encyclopedia Britannica*, Professor Pelikan also is a contributor to the new Schaff-Herzog *Encyclopaedia of Religious Knowledge*; the *Lutheran Cyclopedia* and the *Handbook of Christian Theology*.

He is a member of the editorial staff of "The Library of Protestant Thought", "Cresset", "Journal of Religion", "The American Lutheran" and "The Christian Scholar" as well as a member of the theological commission on tradition under the Commission on Faith and Order of the World Council of Churches and the board of directors of the Foundation for Reformation Research.

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STARR NAMED  
FUND DIRECTOR

(FOR IMMEDIATE RELEASE)

Gordon L. Starr, director of student unions and assistant professor at the University of Minnesota, has been appointed a trustee of the National Industrial Recreation Research and Educational (NIRRE) foundation. He has just completed a year as research director of the national industrial advisory committee on recreation research.

The NIRRE foundation promotes recreation research, aids education and training of personnel, establishes scholarships, lectureships, research and student loan funds, and provides for publication of research and educational studies pertinent to the fields of business and industrial recreation.

Starr's appointment as trustee is for one year.

-UNS-

UNIVERSITY OF MINNESOTA  
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NOVEMBER 8, 1961

U OF M RECEIVES  
\$658,936 IN U.S.  
PUBLIC HEALTH GRANTS

(FOR IMMEDIATE RELEASE)

Research grants totalling \$658,936 were awarded to the University of Minnesota by the United States Public Health service during September to support 17 projects in medical research.

The University ranked fifth among 414 institutions receiving grants in total amounts allocated.

Largest single grant awarded to the University was \$377,600 for a cardiovascular clinical research center, under the direction of Dr. Robert B. Howard, dean of the college of medical sciences. This is part of a previously announced seven-year grant which the University will receive for post-operative studies and control studies of heart disease.

Public Health service grants and fellowships for September in this country and abroad totalled \$73,727,529.

-UNS-

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'U' PROFESSOR  
PUBLISHES BOOK  
ON OPERA COMPOSER

(FOR IMMEDIATE RELEASE)

A new book by Robert E. Moore, University of Minnesota English professor, will be published Friday (Nov. 10) by Harvard University Press.

The volume, entitled "Henry Purcell and the Restoration Theatre", is a study of the cultural contributions made by the 17th century composer and the theatrical aspects of his music.

Professor Moore finds that Purcell's operas, because of their distinctive nature---partly sung and partly spoken---have a unique place in the history of dramatic expression.

Moore opens his volume with an analysis of the libretto and score of Purcell's best known work, "Dido and Aeneas", dealing with them against the general background of operatic origins and the nature of baroque entertainment.

A member of the University of Minnesota faculty since 1946, Professor Moore did much of the research for his new book at the British museum in London while on leave from the University. The British edition of his new book was published in England Oct. 23 by William Heinemann, Ltd. His previous works have included several studies on William Hogarth, 18th century English painter.

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'U' SIKHS WILL  
MEET SATURDAY

(FOR IMMEDIATE RELEASE)

Members of the Sikh Study Circle, University of Minnesota, will gather with friends Saturday, Nov. 18, in celebration of the anniversary of the birth of Guru Nanak, founder of the Sikh religion.

The 6 p.m. meeting in Luther hall, 1813 University ave., S. E., will be followed by an Indian dinner, according to J. S. Uppal, Indian graduate student in economics at the University, and group secretary. The public is invited to attend the program and the dinner, Uppal said. Dinner reservations may be made by calling him at 331-2491, or by calling the group president, M. S. Arora, at 338-8176.

Josef A. Mestenhauser, assistant director of the University's office of the foreign student adviser, will preside at the program at which Professor Henry E. Allen, coordinator of University student religious activities, and Professor S. M. Burke, University consultant in South Asian studies, will speak.

-UNS-

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NOVEMBER 9, 1961

CURRICULUM  
RESEARCH TOPIC  
OF 'U' INSTITUTE

(FOR IMMEDIATE RELEASE)

Margaret Gill, executive secretary of the Association for Supervision and Curriculum Development (ASCD), Washington, D. C., will open a two-day institute on curriculum research next week at the University of Minnesota.

Miss Gill will speak at 9:30 a. m. Thursday (Nov. 16) in the Center for Continuation Study on the Minneapolis campus, reporting on national activities in curriculum development.

This will be the University's Eighth Annual Institute in Curriculum and Supervision for school leaders in Minnesota and surrounding area.

Among other speakers will be Henry J. Otto, University of Texas education professor; Edgar Williams, assistant director of elementary education in the St. Paul public schools; Frances Blake, St. Louis Park public schools education director; Mildred Carlson, Minneapolis public schools curriculum consultant; Ralph Johnson, Minnesota schools counseling consultant; and Clayton O'Hagan, elementary education director of Mounds View public schools and Minnesota ASCD program chairman.

University faculty members on the institute staff will be David S. Palermo, Maynard C. Reynolds, Harold W. Stevenson, James E. Stochl, Mildred C. Templin and Roger E. Wilk.

-UNS-

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NOVEMBER 9, 1961

DR. SALK TO  
SPEAK AT 'U'  
THURS., NOV. 16

(FOR IMMEDIATE RELEASE)

Dr. Jonas E. Salk, developer of the poliomyelitis preventative vaccine, will deliver the annual Alpha Omega Alpha lecture Thursday (Nov. 16) at the University of Minnesota's Mayo Memorial auditorium.

"Humanities from the Viewpoint of A Biologist" will be the topic of Dr. Salk's 4:30 p.m. address, according to Charles Drage, president of the Minnesota chapter of A.O.A., national honorary medical fraternity sponsoring his appearance.

Presently a member of the faculty of the University of Pittsburgh school of medicine, Dr. Salk, who announced the discovery of the polio vaccine in 1954, acted as consultant on epidemic diseases to the secretary of war in 1944-46 and to the secretary of the army in 1946-54. He currently is expert consultant in virus diseases to the World Health Organization (WHO), and is a member of Sigma Xi, Alpha Omega Alpha, Delta Omega and Phi Beta Kappa.

A graduate of the College of the City of New York in 1934, Dr. Salk worked as fellow in chemistry at New York university, 1935-37, and in the fields of experimental surgery, 1937-38 and bacteriology, 1939-40, receiving the doctor of medicine degree in 1939 and the doctor of science degree in 1955. He has been Commonwealth professor of experimental medicine at Pittsburg university since 1957.

-UNS-

NOTE: The University news service will hold a news conference for Dr. Salk at 8 a.m. Thursday (Nov. 16) in the O'Brien Room on the 13th floor of the University of Minnesota Medical Center, 412 Union St., S.E. For information call News Service, FEderal 2-8158, Ext. 6702.

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NOVEMBER 9, 1961

SEN. MC CARTHY  
IS 'U' RELIGIOUS  
WEEK SPEAKER

(FOR IMMEDIATE RELEASE)

The Hon. Eugene J. McCarthy, United States Senator from Minnesota, will be the University of Minnesota Religious Participation Week convocation speaker Thursday (Nov. 16) in Northrop Memorial auditorium.

"The Bearing of Religion on the Political and Social Problems of Today" will be the topic of Sen. McCarthy's 11:30 a. m. free, public address.

The program, sponsored by the University Council of Student Religious Organizations in cooperation with the department of concerts and lectures, is a highlight of the Minneapolis campus University students' annual observation of this week, according to Henry E. Allen, University student religious activities coordinator for the office of the dean of students.

- UNS-

'U' THEATER SERIES  
CONTINUES ON KTCA

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NOVEMBER 9, 1961

(FOR IMMEDIATE RELEASE)

"Introduction to the Theater", the semi-weekly lecture series by Arthur Ballet, associate professor of speech and theater arts at the University of Minnesota, will continue through November and December on the University of Minnesota hour, 9-10 p.m., Channel 2, KTCA-TV.

This final portion of the series will be devoted to the "arts and crafts" of the theater, Professor Ballet said, with the Friday (Nov. 17) program being devoted to play directing.

The complete schedule:

- Nov. 21---Creative Dramatics and Children's Theater  
(Guest: Professor Kenneth L. Graham)  
Play Directing  
(Guest: Frank M. Whiting, director, University Theater)
- Nov. 24---Acting  
(Guests: Barbara McMahon and Donn Finn)
- Nov. 28---Acting
- Dec. 1---Scene Design  
(Guests: Wendell Josal, University Theater designer)  
Scenery Construction  
(Guest: Lee Adey, University Theater technical director  
and staff.)
- Dec. 5---Machinery for the Theater, part I.
- Dec. 8---Machinery for the Theater, part II
- Dec. 12---History of Stage Lighting
- Dec. 15---Lighting the Stage
- Dec. 19---Amateur and Professional Theater, U.S.A.
- Dec. 22---Theater Perspective

The series concludes with a full production of the play "Aria Da Capo" by Edna St. Vincent Millay.

Community theater groups and any individuals or other groups interested in the theater are invited to attend Professor Ballet's lectures in the television studios. Reservations may be made with Tom Quigley, Fe. 2-8158, Ext. 7341.

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BAYLOR 'U' SURGERY  
CHIEF TO SPEAK  
AT 'U' THURSDAY

(FOR IMMEDIATE RELEASE)

Dr. Michael E. DeBakey, Baylor university surgery department chairman, will deliver the 29th address of the annual E. Starr Judd lectureship in surgery at 3 p. m. Thursday (Nov. 16) in the University of Minnesota Hospitals' Todd amphitheater.

His subject will be "Clinical Patterns of Atherosclerotic Occlusive Diseases and Their Surgical Significance".

The E. Starr Judd Lecture, sponsored by the University medical school's surgery department, is given each year in honor of the late Dr. Edward Starr Judd, 1902 graduate of the University medical school and Mayo Foundation professor of surgery.

Dr. DeBakey, a world-famous surgeon specializing in surgery of aortic aneurisms, pioneered in the field of prosthetic replacement of the aorta.

-UNS-

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LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF NOV. 12-19

- Sunday, Nov. 12 --- "Frontenac--Mecca for Birders", film and lecture by Dr. George Rysgaard, Northfield, Minn., at 3 p.m., Minnesota Museum of Natural History. Free, open to public.
- Henri Honegger, violoncellist, in solo concert playing three of the Six Suites for Violoncello of Johann Sebastian Bach. 3:30 p.m. in Northrop Memorial auditorium. Free, open to public.
- University theater: Final performance, "Captain Brassbound's Conversion", matinee, 3:30 p.m., Scott hall auditorium. Tickets at door.
- University gallery: Preview "Rembrandt's Etchings", 2 p.m.-5 p.m., third floor, Northrop Memorial auditorium (Concertgoers planning to attend the Henri Honegger concert are especially urged to come early and tour the galleries.)
- University gallery: Nathan Oliveira one-man show, all week. Gallery hours--2-5 p.m. Sunday; 8:30 a.m.-4:30 p.m. weekdays. Third floor, Northrop Memorial auditorium. Free, open to public.
- Monday, Nov. 13 --- Jaroslav Pelikan, special Religious Participation Week lecture, "Tolerance Is Not Enough", 4:30 p.m., Northrop Memorial auditorium. Free, open to public.
- Tuesday, Nov. 14 --- Lecture: "The Triumph of Empirical Logic in the Old Testament", seventh in a series of philosophy lectures by William Foxwell Albright, visiting professor of theology. 8 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.
- Wednesday, Nov. 15--- Kaffee Konzert, with Thomas Nee directing 22 members of Minneapolis Symphony orchestra. 11:30 a.m. to 1:20 p.m., Coffman Memorial Union main ballroom. Free, open to public.
- University Theater: "They Saw the Whole Zoo", Arena theater, Shevlin hall. 8 p.m. Tickets at door.

(MORE)

LECTURES AND PUBLIC PROGRAMS

- 2 -

Thursday, Nov. 16 --- The Hon. Eugene J. McCarthy, U.S. Senator from Minnesota, Religious Participation Week convocation speaker, Northrop Memorial auditorium, 11:30 a.m. Topic: "The Bearing of Religion on the Political and Social Problems of Today". Free, open to public.

Dr. Jonas E. Salk, originator of polio vaccine, will deliver annual Alpha Omega Alpha lecture, 4:30 p.m., Mayo Memorial auditorium. Free, open to public.

Lloyd Berkner, internationally known scientist, will deliver the second in the distinguished lecture series in geophysics, "The Role of Geophysics in International Science", 7:30 p.m., Murphy hall auditorium. Free, open to the public.

Dr. Michael E. DeBakey, Baylor university surgery chief, will deliver annual E. Starr Judd lecture in surgery. 3 p.m., Todd amphitheater. Free, open to public.

"The Soviet Exposition of Medicine and Medical Equipment", Coffman Memorial Union, first floor, west end. 21 days, 11 a.m.-7 p.m., Sundays, 1-8 p.m. Special viewing hours arranged for special groups. Free, open to public.

Henry S. Churchill, Philadelphia, Pa., nationally known authority on housing and community planning, will lecture on "Architects, Planners and Understanding", 1:30 p.m., Murphy hall auditorium. Free, open to public.

Friday, Nov. 17 --- Dr. William K. Estes, Indiana university professor of psychology, Bloomington, Ind., will deliver psychology colloquium lecture on "The Human Observer and the Computer as Diagnostic Instruments", 3:30 p.m., Murphy hall auditorium. Free, open to public.

University Theater: "They Saw the Whole Zoo", Arena theater, Shevlin hall, 8 p.m. Tickets at door.

Saturday, Nov. 18 --- University Theater: "They Saw the Whole Zoo", Arena theater, Shevlin hall, 8 p.m. Tickets at door.

Sunday, Nov. 19 --- "Spruce Bogs of the North", color sound film, 3 p.m., Minnesota Museum of Natural History. Free, open to public.

University Theater: "They Saw the Whole Zoo", Arena theater, Shevlin hall, 3:30 p.m. Tickets at door.

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On U of M Minneapolis Campus---  
RELIGIOUS PARTICIPATION WEEK  
TO FEATURE SEN. MC CARTHY

(FOR IMMEDIATE RELEASE)

Highlights of the annual observation of Religious Participation Week opening Monday (Nov. 13) on the Minneapolis campus of University of Minnesota will be speeches by U. S. Senator Eugene J. McCarthy and Professor Jarislov Pelikan of the University of Chicago.

Special events scheduled by Professor Henry E. Allen, University student religious activities coordinator, include a faculty luncheon at 11:30 a. m. Monday in Newman foundation, 1701 University ave., S. E., at which Professor Pelikan will speak on "The Scholarly Study of Religion on a Secular Campus".

"Tolerance Is Not Enough" will be the title of Professor Pelikan's special convocation speech at 4:30 p. m. Monday in Northrop Memorial auditorium. Senator McCarthy will speak on "Religion Meets the Problems of Today" at the regular convocation at 11:30 a. m. Thursday (Nov. 16) in Northrop auditorium. Both talks will be open free to the public.

Taking part in the on-campus observance of Religious Participation Week will be many of the 27 religious foundations and organizations making up the University Council of Student Religious Organizations, according to Professor Allen. Monday evening's observance will find topical speakers at many of the fraternity and sorority houses and at the foundations and residence halls, he said.

Departmental programs---seminars and/or class groups---will be held by the medical school, and the departments of child development, music, anthropology and electrical engineering. Individual religious foundations will have special programs for their members during the week and all groups have been requested to make contacts for their groups on the basis of religious census cards.

SOVIET MEDICAL  
EXHIBIT TO OPEN  
AT 'U' THURSDAY

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(FOR IMMEDIATE RELEASE)

Minneapolis ---"The Soviet Exhibition of Medicine and Medical Equipment", a United States State Department exchange project, will open a three-week display Thursday (Nov. 16) at the University of Minnesota Coffman Memorial Union.

Under preparation in Russia since the first of the year, the exhibition was first shown in this country at the Chicago Rosenwald Museum of Science and Industry before coming to Minneapolis. It will return to Russia upon the completion of its local appearance, according to Vladimir Pavlov, exhibition assistant director.

Composed of more than 90 major exhibits of medical equipment of many types and purposes, the exhibit also contains many smaller devices and displays. Included are such items as displays of surgical and dental equipment, blood vessel-stapling devices, a shadowless operation light and an operating table of new design. Large equipment displays include an artificial heart machine, an artificial kidney and an electric sleep-machine.

director

In addition to Dr. Viktor Zhadnov/of the exhibit, 16 professors, doctors and technicians accompany the exhibit and will be present to explain and demonstrate their specialties.

The exhibition will be open from 11 a.m. to 7 p.m. weekdays and Saturdays, with Sunday hours from 1 p.m. to 8 p.m., Pavlov said.

"This exhibition of Soviet medical services and equipment was organized by the USSR Ministry of Health to acquaint Americans with the organization of medical care in the USSR and the development of Soviet medical science, surgical equipment and drugs, Pavlov stated. "The exhibition presents a detailed picture of Soviet methods of combating the problems of cardiovascular ailments and cancer, the neurogenetic theory of hypertension, the causes of high blood pressure and measures to prevent it. A special section of the exhibit is devoted to thoracic surgery which has won widespread application after the creation of reliable suturing devices, the artificial heart apparatus and other medical equipment."

"The section entitled 'Space Medicine' deserves special attention, reflecting the results of research in the field of cosmic effects on the human organism and demonstrating means of combating the harmful effects of such phenomena," he concluded.

-UNS-

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FILMS ON CANADA'S  
FORESTS TO BE  
SHOWN AT 'U'

(FOR IMMEDIATE RELEASE)

Two color sound films picturing the animal and plant life of the spruce bogs of northern Canada will be shown at 3 p. m. Sunday (Nov. 19) in the Minnesota Museum of Natural History at the University of Minnesota.

The area pictured in the films is in the forests edging the tundra in the Churchill area on the west coast of Hudson Bay.

One of the films was produced by the Minnesota Museum. The other is a Canadian production.

The program will be free and open to the public.

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HENRY CHURCHILL  
LEADING ARCHITECT  
TO SPEAK AT 'U'

(FOR IMMEDIATE RELEASE)

A free, public lecture on "Architects, Planners and Understanding" will be delivered by Henry Stern Churchill, architect and author, FAIA, AIP of Philadelphia, Pa., at 1:30 p.m. Thursday (Nov. 16) in Murphy Hall auditorium at the University of Minnesota.

For the past 25 years, Churchill has been acknowledged as an international as well as a national leader in housing and community planning. He is particularly well known for such works as Queensbridge Houses, New York city; Acquackanonck Gardens, Clifton, N.J.; and Tyler Park, Falls Church, Va., and is the author of "The City is the People".

The lecture is sponsored by the school of architecture.

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INDIANA PSYCHOLOGIST  
TO TALK AT 'U'

(FOR IMMEDIATE RELEASE)

Dr. William K. Estes, Indiana university psychology professor, Bloomington, Ind., will be a guest lecturer at the University of Minnesota at 3:30 p.m. Friday (Nov. 17), delivering a psychology colloquium lecture in Murphy hall auditorium.

His topic will be "The Human Observer and the Computer as Diagnostic Instruments".

The free lecture is sponsored by the department of psychology and the department of concerts and lectures.

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LLOYD BERKNER  
TO GIVE PUBLIC  
LECTURE AT 'U'

(FOR IMMEDIATE RELEASE)

A graduate of the University of Minnesota will return to his alma mater Thursday (Nov. 16) as guest speaker in the distinguished lecture series in geophysics.

Lloyd Berkner, one of the senior statesmen of United States science, will speak on "The Role of Geophysics in International Science" at 7:30 p.m. in Murphy hall auditorium on the campus.

Berkner is president of the Graduate Research center of the Southwest, Dallas, Tex., and consultant to the President's science advisory committee. He was one of the men responsible for originating the International Geophysical Year. His long list of honors includes a Congressional gold medal and honorary degrees from eight universities. In 1952, he received the Outstanding Achievement Award from the University of Minnesota, presented to alumni who have distinguished themselves in their chosen fields. He was graduated from the University in 1927 with a bachelor of science degree in electrical engineering.

His long list of scientific affiliations includes past presidency of the International Council of Scientific Unions and of the International Scientific Radio Union.

Dr. Berkner formerly lived in Sleepy Eye, Minn.

The lectures, which are free and open to the public, are sponsored by the school of mines and metallurgy, Sigma Xi, department of mechanical engineering and the department of concerts and lectures.

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NOVEMBER 13, 1961

'U' WOMEN FACULTY  
MEMBERS TO GIVE  
REGIONAL REPORTS

(FOR IMMEDIATE RELEASE)

Four University of Minnesota women's physical education instructors will present reports at a Tri-State Research conference Friday and Saturday (Nov. 17-18) at the University of Iowa, Iowa City.

They are Professor Gertrude M. Baker, director of women's physical education; June F. Cochran, instructor; Professor Eloise M. Jaeger; and Florence Tenney, assistant professor.

The University of Wisconsin will be the third school participating in the conference.

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NOVEMBER 14, 1961

GERMAN CHEMIST  
TO OPEN NEW  
LECTURESHIP AT 'U'

(FOR IMMEDIATE RELEASE)

The first John P. Fridley lecture series in chemical engineering will bring three noted visiting lecturers to the University of Minnesota this year. The series was established under a bequest left to the University by the late Mr. Fridley, a pioneer in the local milling industry.

Heinz G. Wagner, physical chemistry professor of the University of Gottingen, Germany, will be the first Fridley lecturer. He will give six lectures to chemical engineering students and staff over a two-week period beginning Thursday (Nov. 16).

Professor Wagner, who is on a lecture tour of the United States organized by the American Institute of Chemical Engineers, is an expert in combustion processes, theory of flames and detonations and kinetics of gaseous reactions.

Other Fridley lecturers scheduled for later in the year will be Thomas J. Hanratty, associate professor of chemical engineering, University of Illinois, and Brooke Benjamin, lecturer in applied mathematics, Cambridge university, England.

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PARENTS OF 'U'  
STUDENTS INVITED  
TO DAD'S DAY NOV. 25

(FOR IMMEDIATE RELEASE)

Parents of all University of Minnesota students have been invited to attend the 36th annual Dad's Day at the University on Saturday, Nov. 25, an event traditionally scheduled on the day of the last home football game of the year.

The all-day celebration will include tours of the campus in the morning, a luncheon at noon and the Minnesota-Wisconsin game, climaxing the day.

The tours will leave Coffman Memorial union throughout the morning, visiting such places of interest as KUOM radio station, Walters library, the new computer in the school of business administration, the Minnesota Museum of Natural History, the reading and study skills clinic and the University Art Gallery at Northrop Memorial auditorium.

At a luncheon at 11:30 a. m. in Coffman Memorial union main ballroom, parents will be welcomed by President O. Meredith Wilson. A sports review by basketball coach John Kundla and hockey coach John Mariucci will be included in the program.

Dad's Day is sponsored by the University of Minnesota Dads' association and the Minnesota Students association freshman cabinet.

Reservations should be made by writing the dean of students office, Room 200, Eddy hall, or by calling FE.2-8158, Ext. 6858.

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'U' REGENTS TO  
MEET SATURDAY

(FOR IMMEDIATE RELEASE)

The Board of Regents of the University of Minnesota will meet at  
9:30 a. m. Saturday (Nov. 18) in Room 238 Administration building on the  
Minneapolis campus.

-UNS-

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NOVEMBER 14, 1961

'U' SCIENTISTS STUDY  
FOOD-ENERGY LINK  
UNDER \$418,950 GRANT

(FOR IMMEDIATE RELEASE)

A research grant totaling \$418,950 has been awarded to the University of Minnesota for long range basic research into oxidative phosphorylation---the most important means by which living cells make use of energy from foods.

The United States Public Health service seven-year grant will enable Paul D. Boyer, Hill professor of enzymology in the department of physiological chemistry, to study the production by the body cells of a substance called adenosine triphosphate, commonly called ATP.

ATP is used within the body for many vital cellular functions such as building body protein and other constituents, and for muscle contraction and nerve conduction.

The body process by which ATP is produced is known as oxidative phosphorylation. Discovering how this process occurs in the body is considered to be one of the most important and challenging problems of biochemistry, Professor Boyer said, because this is where most of the energy we get from foodstuffs is channeled.

Professor Boyer emphasized that this is research of a very basic nature. He said the government's support of this kind of long range research reflects the need for much more basic information for the future of medicine.

"Our problems are more difficult and our approaches need to be better than those we've had in the past", he said. "The fact that the Public Health service has recognized the desirability of giving longer continued support to programs which need long range efforts gives much needed stability to research programs."

(MORE)

In August of this year, at the Fifth International Congress of Biochemistry in Moscow, Professor Boyer announced the discovery by University biochemists of a substance which appears to be an intermediate in the oxidative phosphorylation process. In his research, Professor Boyer will study the chemical nature of this substance and its role in the oxidative phosphorylation process.

"We have a new and unknown material here," he said. "We can't tell what we might get, or how the information can be used. But we can't hope to understand and control a body's reactions without knowing how it works. The more we find out, the more rational our approach to medicine can be."

Another aspect of the research, Professor Boyer said, is to try to find out how purified enzymes are able to do their catalytic work within the body and how the large enzyme molecules are put together. Enzymes are complex "action-promoting" chemicals found in living tissue, bacteria and green plants.

While projects such as these may not be of dramatic interest to the layman, Professor Boyer said, biochemically they are very exciting to the profession.

UNIVERSITY OF MINNESOTA  
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NOVEMBER 15, 1961

EX-GERMAN NATO  
OFFICIAL TO GIVE  
PUBLIC LECTURE AT 'U'

(FOR IMMEDIATE RELEASE)

"Germany in the East-West Struggle" will be the topic of a free, public lecture by Hans Albrecht Schwarz-Liebermann von Wahlendorf of Germany at 2:30 p. m. Wednesday (Nov. 22) in Ford hall at the University of Minnesota.

The German writer and lecturer is a former assistant director of political affairs for the North Atlantic Treaty Organization.

The lecture is sponsored by the University's International Relations center and the department of concerts and lectures.

-UNS-

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NOVEMBER 15, 1961

'U' SCHOOL OF NURSING  
OFFICIAL NAMED  
NATIONAL CONSULTANT

(FOR IMMEDIATE RELEASE)

Isabel Harris, lecturer and assistant to the director in the University of Minnesota school of nursing, has been appointed to serve as a special consultant to the United States Public Health service on the expert advisory committee for the Professional Nurse Traineeship program.

The appointment extends through June, 1964.

The purpose of the Professional Nurse Traineeship program is to improve the quality of patient care by increasing the number of graduate nurses with preparation for positions as administrators, supervisors and teachers in hospitals and related institutions.

The Public Health service grants traineeship funds to colleges and universities for full-time academic study by graduate nurses. Miss Harris, who is chairman of programs for graduate nurses at the University, will serve on the committee which advises the surgeon general on which institutions should receive these traineeships.

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NOVEMBER 16, 1961

ALLEN TO HEAD  
RELIGIOUS GROUP

(FOR IMMEDIATE RELEASE)

Henry E. Allen, coordinator of students' religious activities at the University of Minnesota will be president for the coming year of the national Association for Coordination of University Religious Affairs (ACURA).

He was elected at the third annual ACURA conference held at the University of Kansas City, Mo., last week. Professor Allen succeeds DeWitt C. Baldwin of the University of Michigan, Ann Arbor.

The organization is composed of university religious liaison officials. Extensive research and exchange of information is planned to develop better inter-religious communication programs and dialog among the various faith groups on large campuses, Professor Allen said.

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NOVEMBER 16, 1961

'U' UNION PLANS  
JAZZ SERIES

(FOR IMMEDIATE RELEASE)

"Jazz Goes to School", a series of three noon programs featuring local jazz musicians, has been scheduled at Coffman Memorial union at the University of Minnesota, beginning with a program of progressive jazz on Monday (Nov. 20).

The programs will be held from 11:30 a.m. to 1:30 p.m. in the main ballroom.

"East Coast Jazz " will be featured on Tuesday, Nov. 28, and "West Coast Jazz" on Wednesday, Nov. 29. Admission is 20 cents.

The programs are sponsored by the Union jazz workshop and the Union noon programs committees.

-UNS-

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NOVEMBER 16, 1961

'U' GETS MILLION  
DOLLAR GRANT FOR  
NEUROLOGICAL CENTER

(FOR RELEASE 11 a.m. SATURDAY, NOV. 18)

A neurological research center for the study of cerebrovascular disease has been established at the University of Minnesota under a million-dollar grant from the United States Public Health service, it was announced today at a meeting of the University Board of Regents.

The Regents voted to accept the first year's grant of \$199,505. An additional \$1,059,898 will be received over the next four years.

The grant will enable the University to double or almost triple neurological studies done previously in this field, according to Dr. Maynard M. Cohen, professor of neurology and director of the center. It will also support cooperation between the department of neurology with the departments of radiology, anatomy and physiology in the study of cerebrovascular disease.

The neurological research center will coordinate a wide variety of basic research into the many facets of cerebrovascular disease. The center will use existing building facilities at the University, but additional scientific personnel will be employed and a great deal of new equipment and instrumentation will be added, Dr. Cohen said.

Cerebrovascular disease, in layman's terminology, includes such body disturbances as "strokes", mental deterioration from so-called hardening of the arteries and involvements of the nervous system due to such conditions as pulmonary disease, congenital heart disease and coronary thrombosis.

(MORE)

Some of the studies to be made include chemical function of the brain, utilization by the brain of the various materials brought to it by the blood stream, and changes in the structure and ultrastructure of the brain caused by cerebrovascular disease. Research will also be done on how the blood supply to the brain is regulated under conditions of health and disease.

The neurological center will conduct very thorough examinations of patients with cerebrovascular disease, Dr. Cohen said, using the newer techniques in neurology, radiology, physiology and chemistry. Other experimental tests will also be devised, he said, for getting more information on the causes, manifestations and treatments of the disease.

"There are a number of individual aspects of cerebrovascular disease that are being studied for pure information", Dr. Cohen said. "By interweaving this very specific information within the neurological center, we will get the broader view of the whole topic".

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NOVEMBER 17, 1961

LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF NOV. 19-26

- Sunday, Nov. 19 --- "Spruce Bogs of the North", two color sound films, at 3 p.m., Minnesota Museum of Natural History. Free, open to public.
- "An Hour with the Ramsey Lewis Trio" jazz program, 2:30 p.m.-5 p.m., main ballroom, Coffman Memorial union. Admission.
- Monday, Nov. 20 --- Current University Gallery Shows: "Rembrandt's Etchings" and Nathan Oliveira one-man show. Open daily, 8:30 a. m. to 4:30 p.m. Third floor, Northrop Memorial auditorium. Free, open to public.
- Tuesday, Nov. 21 --- Lecture: "The Hellenic Miracle: From Empirical Reasoning to Postulational Logic", seventh in a series of philosophy lectures by William Foxwell Albright, visiting professor of theology. 8 p.m., Minnesota Museum of National History auditorium. Free, open to public.
- Wednesday, Nov. 22--- Student Assembly for Football Awards, 11:30 a.m., main ballroom, Coffman Memorial union. Free, open to public.
- "Germany in the East-West Struggle", lecture by Hans Albrecht Schwarz-Liebermann von Wahlendorf of Germany. 2:30 p.m., room 85, Ford Hall. Free, open to public.
- Thursday, Nov. 23 --- University Theater: Opening of two plays, "Prometheus Bound" and "The Birds", 8 p.m., Scott hall. Tickets at door.
- Friday, Nov. 24 --- University Theater: "Prometheus Bound" and "The Birds", 8 p.m., Scott hall. Tickets at door.
- Saturday, Nov. 25 --- Dad's Day at University. Tours of campus beginning 9:30 a.m.; luncheon, 11:30 a.m., main ballroom, Coffman Memorial union; Minnesota-Wisconsin football game, 1:30 p.m., Memorial Stadium.
- University Theater: "Prometheus Bound" and "The Birds", 7 p.m. and 10 p.m., Scott hall. Tickets at door.
- Sunday, Nov. 26 --- "The Mourning Dove", color sound film, 3 p.m., Minnesota Museum of Natural History. Free, open to public.
- University gallery: "Rembrandt's Etchings" and Nathan Oliveira one-man show. Open 2-5 p.m., third floor, Northrop Memorial auditorium. Free, open to public.

NSF FELLOWSHIP  
APPLICATIONS OPEN

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA  
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NOVEMBER 17, 1961

Closing dates for receipt of applications for three 1962 National Science foundation fellowship programs have been announced.

Applications for NATO (North Atlantic Treaty Organization) postdoctoral fellowships in science must be received by Dec. 18, 1961. Approximately 60 NATO fellowships will be awarded on April 2, 1962, to United States citizens or nationals who have earned a doctoral degree and plan to continue study in the following sciences: mathematics, physics, medicine, biology, engineering, anthropology, geography, psychology, sociology, economics and the history and philosophy of science. It is expected that recipients will study abroad in a NATO-member country.

Application materials may be obtained from the Fellowship Office, National Academy of Sciences--National Research Council, 2101 Constitution Avenue, N. W., Washington 25, D. C.

January 5 is the closing date for applications by secondary school teachers of science and mathematics for summer fellowships and also for senior visiting fellowships, sponsored by the Organization for Economic Cooperation and Development (O.E.C.D.),

The secondary school teacher fellowships are awarded for graduate-level work in the mathematical, physical and biological sciences. Application materials may be obtained by writing to: Secondary School Fellowships, American Association for the Advancement of Science, 1515 Massachusetts Avenue, N. W., Washington 5, D. C.

The O.E.C.D. senior visiting fellowships are awarded to institutions to permit them to send senior staff scientists, mathematicians and engineers to study new techniques and developments at advanced research and educational institutions primarily in the O.E.C.D. member countries. Approximately 20 fellowships will be awarded on April 16, 1962.

Application materials may be obtained from the Fellowship Office, National Academy of Sciences--National Research Council.

'U' CONCERTS, LECTURES  
AIDE TAKES NEW POST  
IN LOCAL FIRM

UNIVERSITY OF MINNESOTA  
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NOVEMBER 17, 1961

(FOR IMMEDIATE RELEASE)

Paul K. Peterson, assistant director and assistant professor of the University of Minnesota's department of concerts and lectures, today announced his resignation from the University staff.

Peterson, who joined the University personnel in 1951 as a part-time teaching assistant in the loan-play library, a division of the community program service, will join the Northwestern Costume House, Inc., Jan. 1, 1962, as director of special services.

"It is with the deepest regret that I leave the University", Peterson said.

In 1953 Peterson was appointed as instructor and supervisor of the newly created drama advisory service, a separate division of the University's department of concerts and lectures, according to James S. Lombard, department director. In 1955 he was appointed assistant to the director and instructor and supervisor of the drama advisory service. Since 1956 he has been co-publicity manager for the annual spring season of the Metropolitan Opera at Northrop Memorial auditorium.

Publicity work for the department of concerts and lectures' Artists Course series---the Celebrity and Masterpiece presentations---and the work with the Metropolitan Opera comprised the major area of Peterson's activities, Lombard stated.

"Applicants for the position of assistant director, department of concerts and lectures," according to Frank F. Pieper, University Civil Service personnel director, "should be college graduates with specialization in speech, theater or journalism, with three to five years experience in selecting a wide variety of entertainment talent for high quality artistic programs for various types of audiences. Management experience in the theater field and experience in publicity, journalism or public relations work also is desirable in the position."

Interested applicants may contact Pieper at the University of Minnesota Personnel office, Minneapolis 14, Minn.

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(FOR IMMEDIATE RELEASE)

The flag of the United Soviet Socialist Republics (USSR) will be flying from Coffman Memorial Union on the University of Minnesota campus through Dec. 6 while the Soviet medical exhibit is on display in the Union.

Display of the Russian flag is part of a reciprocal agreement between the United States state department and Russian officials that each country's flag should be flown at the site of the exchange exhibits. The United States state department currently has a transportation exhibit touring Russia as part of the exchange program.

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NOVEMBER 21, 1961

ALLEN URGES NATION'S ENGLISH  
TEACHERS TO IMPROVE TEACHING

(FOR RELEASE 9 P.M. THURSDAY, NOV. 23)

A strong appeal to English teachers from kindergarten to college to unite in a common effort toward better teaching was made Thursday night by Harold B. Allen, University of Minnesota English professor and director of the communications program at the University.

Professor Allen spoke in Philadelphia, Pa., opening the 51st annual convention of the National Council of Teachers of English (NCTE) of which he is the retiring president.

In his appeal for improvement of classroom teaching, raising of standards of certification and better preparation of prospective teachers, Professor Allen stressed two factors: the present lack among teachers of adequate background in the English language and the need to recognize knowledge about the language--its history and structure--as valuable for its own sake.

Professor Allen pointed out that only one-half of the nation's high school English teachers have a major in English and that only one-fourth of those teachers with English majors have had a course in advanced composition. Only one-fifth of teachers majoring in English have had work in contemporary literature or criticism, he said, and not more than a third have had a course in world literature.

Among beginning elementary teachers, Professor Allen continued, "almost none have had any work in the English language and the great majority have had not more than 10 or 12 semester credits in English."

The National Council is deeply concerned with these issues, Professor Allen said, and has already pushed far ahead toward meeting some of the problems and

Allen

2

seeking ways to meet others. But the effort requires a broader and stronger base within the entire English-teaching profession, he emphasized.

Many more English teachers must become aware of what it means to be a member of this profession, Professor Allen declared. "Our common cause...is a bond that unites the first grade teacher with the graduate professor, the teacher of reading with the instructor in American literature."

Professor Allen reminded the convention that the strongest strand within that bond is the English language, our central heritage. He predicted an internal revolution in English teaching, with emphasis on the language "for its own sake".

The "epoch-making" curriculum just inaugurated in Portland, Ore., senior high schools is one example, he said, of recent developments indicating this change. There, the English language is being studied for four years in all its aspects--its nature, structure, etymological and semantic past, lexicography and regional characteristics.

Professor Allen called for concerted action on local, state and national levels to bring about the goals he outlined.

Other University of Minnesota faculty members appearing on the NCTE program include Naomi Chase, associate professor in the college of education; Stanley B. Kegler, associate professor of language arts, University high school; Arthur H. Ballett, associate professor of speech; Donald K. Smith, professor and chairman of the department of speech; and Martin Steinmann, Jr., professor and chairman and director of freshman English.

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NOVEMBER 21, 1961

AWARD-WINNING  
WILD LIFE FILM  
TO BE SHOWN AT 'U'

(FOR IMMEDIATE RELEASE)

An award-winning color film picturing the annual life history of the mourning dove will be presented at 3 p.m. Sunday (Nov. 26) in the Minnesota Museum of Natural History at the University of Minnesota.

The film, part of the annual series of Sunday afternoon natural history programs presented by the Museum, is free and open to the public.

Produced by Charles W. Schwartz, biologist for the Missouri State Conservation Commission, the film won the award for the best North American wild-life movie of 1959. Schwartz has received several awards for his production of wild life films.

The mourning dove is found in large numbers in Minnesota during the summer and is a game bird in the South.

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NOVEMBER 21, 1961

\*U\* MEDICAL FELLOW  
AIDS IN DRUG  
STUDY ON INFANTS

(FOR IMMEDIATE RELEASE)

Dr. Alfred F. Michael, medical fellow in the University of Minnesota pediatrics department, was one of five doctors assisting in studies of the effects of drugs on newborn infants, the results of which were announced this week by the University of Cincinnati medical center..

Dr. James M. Sutherland of the University of Cincinnati college of medicine directed the project.

The studies showed that physicians should use extreme caution in administering drugs to newborn infants, Dr. Sutherland warned, since drugs which are safe for adults and young children can have an entirely different--even fatal--effect on newborn infants.

Drugs such as sulfa drugs, chloramphenicol and novobiocin, for example, have produced death, blindness and brain damage in the newborn, even though they had been considered safe after laboratory tests on animals and adult humans.

Dr. Sutherland said he finds it encouraging that, following the recognition of adverse drug effects in infants, drug use has declined.

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(FOR MUSIC PAGE OR IMMEDIATE RELEASE)

The 50-member University of Minnesota Symphony orchestra, under the direction of George Houle, assistant professor of music, will present its annual fall quarter concert at 3:30 p.m. Sunday, Dec. 3.

The free public concert, sponsored by the University music department, will be presented in Northrop Memorial auditorium.

Ravel's "Mother Goose"---- a suite of five pieces for children---- will open the program with Schubert's "Symphony No.3", Handel's "Grand Concerto, opus 6, No. 1" and Brahms' "Serenade No. 1, opus 11" completing the afternoon's offerings.

Student soloists taking part in the Handel number are: violinists Barbara King and Theodore Caron, 'cellist Helen Hanover and harpsichordist Mary Ann Feldman.

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UNIVERSITY OF MINNESOTA  
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NOVEMBER 22, 1961

ALBRIGHT TO GIVE  
NEXT MEDICAL LECTURE  
AT U OF M

(FOR IMMEDIATE RELEASE)

A lecture on "The Dead Sea Scrolls" by a leading Old Testament scholar will be the second in a series of liberal arts lectures sponsored by the University of Minnesota medical school and open free to the public.

William Foxwell Albright, visiting professor of theology at the University, will deliver the lecture at 8 p. m. Thursday, Nov. 30, in Mayo Memorial auditorium on the campus. Professor Albright is an orientalist, philosopher and emeritus professor of Semitic languages at Johns Hopkins university.

The lecture series is designed to "broaden the horizons" of medical students and faculty, according to Dr. William Fleeson, assistant dean of the college of medical sciences. Speakers are selected from the social sciences and the arts.

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NOVEMBER 22, 1961

COLUMBIA 'U'  
SCIENTIST TO  
TALK AT U OF M

FOR IMMEDIATE RELEASE

"Recent Advances in Earthquake Seismology" will be the topic of the third in a series of distinguished lectures in geophysics to be given at 7:30 p.m. Tuesday (Nov. 28) in Murphy hall auditorium at the University of Minnesota.

Professor Jack Oliver, senior seismologist at Lamont Geological Observatory of Columbia university, one of the world's leading earthquake observatories, will deliver the free, public lecture.

Professor Oliver was a member of the panel for seismic improvement of the President's Science Advisory committee and testified before the joint congressional committee on atomic energy in 1960 on detection of nuclear tests. He received his doctor of philosophy degree from Columbia university in 1953.

The lecture is sponsored by the department of mechanical engineering.

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NOV. 22, 1961

FORMER HEAD  
OF RIGHTS' GROUP  
TO BE HONORED

FOR IMMEDIATE RELEASE

A luncheon honoring Clifford Rucker, former executive director of the governor's human rights commission, will be held at 12 p.m. Friday (Nov. 24) in Room 351, Coffman Memorial union at the University of Minnesota.

Rucker, who is visiting in the Twin Cities, is now serving the United States Department of Commerce in Washington, D. C.

Gov. Elmer L. Andersen will present a scroll to Rucker, in appreciation of his services to the commission. The Hon. Edward J. Thye, former governor and senator, also will attend the luncheon. Gov. Thye first established the inter-racial commission which later became the human rights commission.

Also expected to attend the luncheon is Monsignor Francis J. Gilligan, first chairman of the commission.

The luncheon is sponsored by the human rights commission and is open to the public. For reservations, call Henry E. Allen, arrangements chairman, Federal 2-8158, Ext. 6654.

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NOVEMBER 22, 1961

'U' TO BE FEATURED  
ON RADIO PROGRAM  
SUNDAY NIGHT

(FOR IMMEDIATE RELEASE)

"A Look at the University"---an overall view of the University of Minnesota, its teaching, research and services---will be presented from the points of view of its students and its faculty from 8 to 9 p. m. Sunday (Nov. 26) on radio station WMIN's weekly "Twin Cities College Hour" program.

The show, produced by Robert P. Boyle, University radio station KUOM program director, features interviews with students, administrators, faculty members and people who use the services of the University. It is narrated by Richard C. Lyon, KUOM program supervisor.

"Included in the show are discussions with the professor and class members from the large beginning psychology class," Boyle said, "as well as an interview with 'Mr. Taconite', Edward W. Davis, professor emeritus and former director of the University's mines experiment station."

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4 'U' BOOKS TO BE  
IN MEDICAL EXHIBIT  
IN SOVIET UNION

UNIVERSITY OF MINNESOTA  
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NOVEMBER 24, 1961

(FOR IMMEDIATE RELEASE)

Minneapolis --- Four books published by the University of Minnesota Press have been chosen for inclusion in an exhibit on American medicine being prepared by the United States Information Agency for a tour of the Soviet Union early in 1962.

The books are: "The Doctors Mayo" by Helen Clapesattle, "Education for Nursing: A History of the University of Minnesota School" by James Gray, "Decision-Making in Hospital Administration and Medical Care: A Casebook" by James A. Hamilton and "Patterns of Hospital Ownership and Control" by Hamilton with R. Bruce Butters and Elbert E. Gilbertson.

The exhibition, titled "Medicine - USA", will be on view for three weeks each in Moscow (Feb. 27-March 22), a city yet to be selected (April 26-May 20) and in Leningrad (June 11-July 3). This exhibition, provided for in an exchange agreement between the United States and the U. S. S. R., is paralleled by the Soviet medical exhibition being shown this fall and winter in the United States. (This exhibit will be on view at the University of Minnesota in Coffman Memorial Union through Dec. 6).

The books from the University of Minnesota Press will be included in a small medical library made up of volumes selected by medical advisers to the exhibits division of the United States Information Agency. The library, in a private room, will be open to Soviet professional people only.

The general exhibition will be open to the public, with approximately 350,000 Russian visitors expected. The exhibit will present many aspects of American medicine and medical care in terms of displays, photographs and instrumentation. Plans call for a professional medical staff of Russian-speaking Americans from the areas of clinical practice, research, administration, public health and education to accompany the exhibition.

UNIVERSITY OF MINNESOTA  
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NOVEMBER 24, 1961

LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS  
WEEK OF NOV. 26 - DEC. 2

- Sunday, Nov. 26      --"The Mourning Dove", color sound film, 3 p.m. Minnesota Museum of Natural History. Free, open to public.
- University gallery, open 2-5 p.m. "Rembrandt's Etchings" and Nathan Oliveira one-man show. Third floor, Northrop Memorial auditorium. Monday through Friday, open 8:30 a.m.-4:30 p.m. Free, open to public.
- Tuesday, Nov. 28      --"Recent Advances in Earthquake Seismology", lecture by Jack Oliver, Columbia university seismologist. 7:30 p.m., Murphy hall auditorium. Free, open to public.
- "Between Essenes and Gnostics: The Place of the New Testament in Religious History", final lecture in a series by William Foxwell Albright, visiting professor of theology, 8 p.m., Minnesota Museum of Natural History auditorium. Free.
- "Orienting, Attending and Learning", Institute of Child Development colloquium lecture by Dr. Sheldon H. White, department of psychology, University of Chicago. 3:30 p.m., Murphy hall auditorium. Free, open to public.
- University theater: "Prometheus Bound" and "The Birds", 3:30 p.m., Scott hall. Tickets at door.
- Wednesday, Nov. 29    --Student assembly for football awards, 11:30 a.m., main ballroom, Coffman Memorial union. Free, open to public.
- University theater: "Prometheus Bound" and "The Birds", 8 p.m., Scott hall. Tickets at door.
- Thursday, Nov. 30    --Vice Admiral W. F. Raborn, United States Navy, speaker at convocation on "Polaris--Resources to Results". 11:30 a.m., Northrop Memorial auditorium. Free, open to public.
- "The Dead Sea Scrolls", lecture by William Foxwell Albright, 8 p.m., Mayo Memorial auditorium. Free, open to public.
- University theater: "Prometheus Bound" and "The Birds", 8 p.m., Scott hall. Tickets at door.
- Friday, Dec. 1        --"Tests of a Recruitment Theory of Simple Behavior", lecture by David L. LaBerge, associate professor of psychology, University of Minnesota, 3:30 p.m., Murphy hall auditorium. Free.
- University theater: "Prometheus Bound" and "The Birds", 8 p.m., Scott hall. Tickets at door.
- Saturday, Dec. 2     University theater: "Prometheus Bound" and "The Birds", 7 p.m. and 10 p.m., Scott hall, tickets at door.

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NOVEMBER 24, 1961

NEW GOPHER  
FOOTBALL CAPTAIN  
TO BE NAMED WED.

(FOR IMMEDIATE RELEASE)

The identity of the 1962 Golden Gophers' captain will be announced Wednesday (Nov. 29) when John Mulvena, 1961 team captain, passes the symbolic torch of leadership to the new captain at the 11:30 a.m. University of Minnesota student assembly for football awards in Coffman Memorial Union main ballroom.

Thomas Olson, Minnesota Student association (MSA) president, will be the master of ceremonies at the special assembly, jointly sponsored by the MSA and the University department of concerts and lectures.

"Ike" Armstrong, University director of athletics, will open the program with his views on the current football situation. Murray Warmath, Gopher head coach, will address the crowd, and Professor Max O. Schultze, chairman of the faculty Senate Committee on Intercollegiate Athletics, will confer the annual awards. George Carter, 1961 Rooter King, will present the annual rooter king award to his sucessor and Virgil Lundquist, Minnesota Alumni association president, will speak on "An Alumnus' Viewpoint on Intercollegiate Athletics". The passing of the torch and inauguration of the 1962 football captain will climax and conclude the program.

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POLARIS MISSILE  
CHIEF TO SPEAK  
AT 'U' THURSDAY

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM.BLDG.  
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NOVEMBER 24, 1961

(FOR IMMEDIATE RELEASE)

Vice Admiral William F. Raborn, Jr., United States Navy, first director of the Navy's fleet ballistic missile program, "Polaris", will address a University of Minnesota convocation, open free to the public, Thursday (Nov. 30).

"Polaris--- Resources to Results" will be the title of Adm. Raborn's 11:30 a.m. illustrated lecture in Northrop Memorial auditorium. The Navy's "missile-manager" will devote a principal part of his address to the management problems he encountered and solved in getting the Polaris into operation. The convocation will be sponsored by the University's department of concerts and lectures in cooperation with Anchor and Chain fraternity of the Navy Reserve Training Corps (NROTC) unit here.

As special project director for the Department of the Navy, Adm. Raborn supervised the first launching of a Polaris test vehicle from a submerged submarine, the U.S.S. George Washington, July 20, 1960.

"Polaris", named for the North star, is a two-staged ballistic missile powered by solid fuel rocket motors and guided by a self-contained inertial guidance system independent of external commands or control. The 1200 nautical (1380) statute mile operational missile is about 28 feet long, about four and one-half feet in diameter and weighs about 30,000 pounds, according to an official Navy fact-sheet. It is carried by fleet ballistic missile (FBM) submarines--- currently of the George Washington class, 380 feet long with a beam of about 33 feet and displacement of about 5900 tons. With almost unlimited cruising range, these submarines are capable of extended submerged operation in the international waters of the world, which comprise about 70 per cent of the earth's surface.

At all times under United States control, the Polaris missiles, mobile, hidden, ready for instant action, are considered by the U.S. Defense department as a powerful weapon and a major deterrent to global war.

A graduate, with the bachelor of science degree, from the U.S. Naval Academy, Annapolis, in 1928, Adm. Raborn also attended the U.S. Naval War college in 1952. His many military decorations include: the Silver Star, Bronze Star with Gold Star in lieu of a second award; Distinguished Service Medal, Secretary of the Navy commendation with Gold Star; Navy Unit citation; campaign and service medals: Asiatic Pacific area, American area, China area service, Philippine Liberation, World War II Victory, American Defense.

--UNS--

Note to editor: The University news service will conduct a news conference for Adm. Raborn on his arrival, at 3:30 p.m. Wednesday, Nov. 29, in the Stratolounge at Wold Chamberlain airport.

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3 'U' ENGINEERING  
ALUMNI TO RECEIVE  
ACHIEVEMENT AWARDS

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM. BLDG.  
MINNEAPOLIS 14, MINNESOTA  
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NOVEMBER 24, 1961

(FOR IMMEDIATE RELEASE)

Minneapolis --- Three University of Minnesota alumni will receive Outstanding Achievement awards from their alma mater at the annual meeting of the University's Institute of Technology Alumni association at 6 p. m. Thursday (Nov. 30) in Town and Country club, St. Paul.

Named to receive the awards in recognition of noted professional attainment are George W. Bohannon, president of the Pullman company, Chicago, Ill.; Henry E. Hartig, emeritus professor and former head of the University's electrical engineering department; and William G. Dow, chairman of the University of Michigan electrical engineering department, Ann Arbor, Mich.

Bohannon, a recognized authority in the transportation industry, was born in Duluth and received a bachelor of science degree in mechanical engineering from the University in 1926. He served with the Duluth, Mesabi and Iron Range railway in Proctor, Minn., until 1944 when he moved to Chicago as assistant to the chief mechanical officer of the Chicago and Northwest railway. Four years later he was promoted to chief, and, in 1951, he moved to the Pullman company as manager of purchases and stores. He became successively general manager, vice president, executive vice-president and, in 1958, president.

Professor Hartig, who received a bachelor of science degree in 1918 and the doctor of philosophy degree in 1924, served the University 41 years. He joined the staff as electrical engineering instructor in 1920, became department head in 1946 and retired in 1956. During World War II, he was on leave from the University for four years to do underwater warfare research. He will be cited for his work in developing underwater sound training and for serving as an outstanding educator and initiator of professional curricula.

Professor Dow will be cited as a pioneer in developing the vacuum tube, organizer of Willow Run Research center and instigator of the University of Michigan electron tube laboratory. He graduated from Minnesota in 1916, received an electrical engineering degree the next year and earned a master's degree from Michigan in 1929. He has been on the Michigan faculty since 1926.

The awards will be presented by University Regent Lester A. Malkerson.

REGIONAL CONFERENCE ON AGING  
TO BE HELD AT U OF M

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(FOR IMMEDIATE RELEASE)

Minneapolis --- A regional conference on the "Role of Education for Aging and the Aged" will be conducted by the University of Minnesota this week at the Center for Continuation Study.

The three-day conference, which will open at 9 a. m. Thursday (Nov. 30) will be one of 10 regional followups to the 1961 White House Conference on Aging held in January in Washington, D. C.

Purpose will be to develop programs for followup conferences to be held in the seven states in Region Six---Iowa, Kansas, Missouri, Nebraska, North and South Dakota and Minnesota. Registration is limited to invited representatives of public and private, local, state and federal organizations involved in programs for the aged.

Governor Elmer L. Andersen of Minnesota will be dinner speaker for the conference. He will speak on "Effective Action in Programming for the Aged" at 6 p. m. Thursday in the Continuation center dining room.

Halbert L. Dunn, consultant on education for the aging to the United States Office of Education, will open the conference with a discussion of implications of the White House conference. Robert W. Kleemeier, Washington university psychologist, St. Louis, Mo., will speak next on "The Role of Educational Agencies and Institutions in the Realm of Aging".

Clark Tibbitts, program planning chief for the special staff on aging in the Department of Health, Education and Welfare, will speak at 9 a. m. Friday. His talk on "Sociological and Psychological Research in Aging" will be followed by an address by H. Lee Jacobs, research associate of State University of Iowa institute of gerontology. Jacobs will give a report of a national survey of education programs for older adults.

Several professional associations and the United States Department of Health, Education and Welfare is cooperating with the University in presenting the conference.

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'U' PROFESSOR  
NAMED FIRST WINNER  
OF NEW AWARD

(FOR IMMEDIATE RELEASE)

Dr. Ernst R. G. Eckert, University of Minnesota mechanical engineering professor, will receive the first Max Jakob medal and award Wednesday (Nov. 29) at the annual winter meeting of the American Society of Mechanical Engineers in New York city.

The Max Jakob award was established in June of this year for eminent achievement or distinguished service in the area of heat transfer. Dr. Eckert has been selected as its first recipient as an "outstanding engineer, scientist and inspiring teacher, who by his numerous contributions, has steadfastly advanced basic knowledte in heat transfer".

Sponsor of the award is John Wiley and Sons, Publishers, in honor of the late Dr. Jakob, a research professor at Illinois Institute of Technology and pioneer in the area of heat transfer, to commemorate his contributions as a research worker, teacher and author.

-UNS-

JOINT RELEASE:  
THE NATIONAL FOUNDATION AND  
UNIVERSITY OF MINNESOTA  
FROM: UNIVERSITY OF MINNESOTA  
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MINNEAPOLIS 14, MINN.  
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NOVEMBER 27, 1961

'U' SCIENTISTS DEVELOP NEW METHOD  
TO TEST POLIOVIRUS IMMUNITY

(FOR RELEASE 9 A. M. WEDNESDAY, NOV. 29, 1961)

Minneapolis --- A new radioactive test for measuring poliovirus antibodies appears to be up to 30 times more sensitive than the usual method for determining immunity to poliovirus.

The procedure was developed by scientists in the department of microbiology at the University of Minnesota, working under a grant from The National Foundation-March of Dimes.

The radioactive test was devised under the guidance of the late Dr. Jerome T. Syverton, who until his death earlier this year, had served as head of the department (then known as the department of bacteriology) for 13 years. Directly involved in the development of the new procedure were Drs. Robert K. Gerloff and B. M. Hoyer, who are now with the United States Public Health service's Rocky Mountain laboratory in Montana.

An additional March of Dimes award of \$73,890, representing the third year of a three-year project grant in support of this and related research, was announced<sup>today</sup>/by Dr. Robert B. Howard, dean of the University's college of medical sciences in Minneapolis, and by Dr. Thomas M. Rivers, vice president for medical affairs at The National Foundation.

The studies are continuing under the direction of Drs. William F. Scherer, professor of microbiology, and L. C. McLaren, associate professor.

According to Dr. Rivers, the type of radioactive test developed by Dr. Syverton's group "could conceivably be applied to the study of other virus-antibody systems, both in the test tube and perhaps even in the living animal". "Such studies, he notes, "might indeed help us gain a better understanding of the still quite mysterious phenomena involved in the development of immunity."

(MORE)

The University of Minnesota group believes the new radioactive procedure is an improvement over the usual method of checking for poliovirus antibody, since the standard technique is more involved and requires the use of living cells.

The new test calls for the use of a radioactive form of phosphorus, P-32, which is chemically incorporated into the poliovirus to serve as a marker. For example, poliovirus Type II is made radioactive. It is then mixed with different samples of human serum being tested for presence of Type II antibody.

In each sample which does contain Type II antibody, the radioactive virus combines with the antibody, since these two substances have a natural affinity for each other. (In fact, it is generally believed that this is just how an antibody in a person wards off an infecting virus by combining with it and inactivating it, thus literally putting it out of business.)

However, since it is often difficult to separate out small amounts of virus-antibody mixture, the Minneapolis researchers use a simple trick to help capture all of the mixture. They add to the specimens some rabbit antibody made especially to react with the human antibody. In this way, they have three substances that tend to cling together---the poliovirus, poliovirus antibody and the rabbit antibody. These three form a much larger clump which can be more readily precipitated and measured with a Geiger counter. In fact, from 10 to 30 times more antibody can be detected in this manner.

"We have for a long time needed more sensitive tests for measuring low levels of antibody," said Dr. Rivers. "We know that when antibodies of a specific kind are present at or above a certain level, that person is likely to have immunity to the specific agent.

"However, when we can't detect antibodies to a given substance, we still don't know for certain in every case whether it means that the person cannot make antibodies, or simply that our methods are not yet good enough to enable us to measure very small amounts of these substances."

(MORE)

The procedure worked out at the University of Minnesota is based on an earlier achievement by Dr. Horace Hodes of the Mount Sinai hospital in New York. Dr. Hodes, under a grant from The National Foundation, devised a means of putting the radioactive label on the poliovirus. Using the tagged virus, Dr. Hodes then developed a simple method for measuring specific antibodies to the poliovirus---a method which Dr. Rivers believes highly practical for mass testing.

Serum to be tested is spread across the center of a strip of filter paper. One end of the filter paper is then dipped into a solution containing radioactive poliovirus. As the solution is drawn up by the filter paper---just as water is soaked up by ordinary blotting paper---the virus also spreads up the filter paper.

However, if specific antibody is present in the test serum, the antibody combines with the virus and no virus escapes into the upper portion of the filter paper. Since the virus used in this test is radioactive, Dr. Hodes merely checks with a Geiger counter to see if there is any virus above the point where the test serum was applied. If there is, he knows that the serum did not contain the specific antibody.

In addition to studies on poliovirus, Dr. Scherer and his associates have launched an intensive effort to clarify just how a virus attaches to and eventually penetrates a cell. The group also is trying to find an improved method for the detection of certain other viruses which enter the human body via the throat or nose.

Some of these viruses, generally classified as "enteroviruses", may be involved as causative factors in congenital malformations. There is now increasing evidence that under some conditions a virus may pass from the mother to her unborn child. It is suspected that if this occurs at a critical point in the baby's development, the infant might fail to survive birth or may be born with some permanent malformation.

In its campaign against congenital defects, the National Foundation is providing increased support for projects in many of the nation's leading medical centers where researchers are probing the relationship of viral infection to malformations in infants.

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BISON'S ROLE  
IN HISTORY TOPIC  
OF MUSEUM LECTURE

(FOR IMMEDIATE RELEASE)

"The Bison's Influence on History" will be the topic of a free program at 3 p. m. Sunday (Dec. 3) in the Minnesota Museum of Natural History at the University of Minnesota.

Donald K. Lewis, visual education adviser at the Museum, will follow the history of the bison from its early geological past millions of years ago through its almost complete disappearance in the late 19th century. According to Lewis, the dependence of the Indians and early pioneers on the bison had a great deal to do with the historical expansion of this nation.

Lewis will illustrate his lecture with colored slides.

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DR. GOOD TO SPEAK  
AT NATIONAL  
ARTHRITIS SEMINAR

(FOR IMMEDIATE RELEASE)

Dr. Robert A. Good, University of Minnesota research professor of pediatrics, will participate in an arthritis seminar for science writers Tuesday (Dec. 5) in Baltimore, Md.

The seminar is sponsored by the National Foundation in cooperation with the Johns Hopkins Medical institutions.

Dr. Good will speak at the first session of the two-day seminar which will deal with "Current Knowledge and Research in the Field of Rheumatoid Arthritis and Related Diseases". His topic will be "Genetic Factors".

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NOBEL PRIZE WINNER UREY  
TO SPEAK AT 'U' DEC. 5

(FOR IMMEDIATE RELEASE)

Dr. Harold Urey, world famous scientist and Nobel Prize winner, will deliver the fourth distinguished lecture in geophysics at the University of Minnesota at 7:30 p.m. Tuesday (Dec. 5) in Mayo Memorial auditorium.

The Nobel Prize in chemistry was awarded to Dr. Urey in 1934 for his discovery of heavy hydrogen, a vital step in the development of the atomic bomb. Since then, he has received many additional awards for his work in the structure of atoms and molecules, thermodynamic properties of gases and separation of isotopes and for research for the production of heavy water and U235 for the atomic bomb.

Since World War II, Dr. Urey's interests have spread to include the origin of the earth, the solar system and life on earth. His lecture at the University will be on "Geology of the Moon".

Dr. Urey is the only professor-at-large at the University of California at Los Angeles and also serves as an adviser to the National Aeronautics and Space administration and chairman of the Lunar and Planetary committee of the National Academy of Sciences.

The free, public lecture is sponsored by the school of mines and metallurgy, department of mechanical engineering and the department of concerts and lectures.

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(FOR IMMEDIATE RELEASE)

University of Minnesota faculty and student artists were represented by their work in the Kansas City exhibition honoring the centennial convocation of the Land-Grant Colleges and State Universities Nov. 13-16.

Included in the exhibit, which will tour nationally after its Kansas City closing Nov. 30, were art department faculty members Walter Quirt's "Silent Color" and Malcolm Meyers' intaglio, "View of a City". The Meyers' engraving received third prize in the show.

The work of two University art students, Larry Hanson's bronze, "Draped Torso", and Robert Michener's oil, "Double Portrait", also was shown.

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(FOR IMMEDIATE RELEASE)

Paul M. Oberg, University of Minnesota music department chairman and professor, was elected to a three-year term on the commission on curricula of the National Association of Schools of Music at the group's 37th annual convention now being held in Denver, Colo.

The University of Minnesota became a member of the group in 1947.

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ALBRIGHT TO  
SPEAK ON  
ARCHEOLOGY

(FOR IMMEDIATE RELEASE)

"The Age of Phoenician Expansion" will be the topic of a lecture by Professor William Foxwell Albright, visiting professor of theology at the University of Minnesota, at 8:30 p.m. Monday, Dec. 11, in the Minnesota Museum of Natural History on the campus.

This is the second lecture in an archeological series sponsored by the Minnesota Society of the Archeological Institute of America and the University of Minnesota department of concerts and lectures.

Professor Albright, orientalist, philosopher, and emeritus professor of Semitic languages at Johns Hopkins university, served 11 years as director of the American School of Research in Jerusalem. He has headed several archeological expeditions and has done extensive writing in archeology, including "The Excavation of Tell Beit Mirsem" and "From the Stone Age to Christianity".

This year, Professor Albright received a \$10,000 prize from the American Council of Learned Societies "for distinguished contributions to the humanities".

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'U' DEBATERS  
IN MIDWEST  
MEET AT IOWA

(FOR IMMEDIATE RELEASE)

Four debaters from the University of Minnesota will join with 150 students from 24 other universities and colleges Thursday through Saturday (Nov. 30-Dec. 2) in the annual Midwest Intercollegiate Forensic conference at the State University of Iowa, Iowa City.

In addition to discussion of the proposition "Resolved: Labor Organizations Should Be Under the Jurisdiction of Anti-Trust Legislation", the students will participate in oratory, extemporary speaking and oral interpretation competition.

University students entered in the debate are: Clara Kurz, education junior, Redfield, S.D.; Philip Raup, arts college freshman, 1572 Fulham, St. Paul; Bernard Statland, arts college junior, 1399 Portland, St. Paul; and John Swenson, arts college sophomore, Lakefield, Minn.

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AMES LIBRARY  
AT 'U' TO BE  
DEDICATED DEC. 6

(FOR IMMEDIATE RELEASE)

The Ames Library of South Asia, a specialized unit in the University of Minnesota libraries, and its founder and donor to the University, Charles Lesley Ames, St. Paul, will be honored by the University at an open house and dinner on the University campus Wednesday (Dec. 6).

The collection, given to the University in 1952 by Mr. Ames, and moved to its present location on the fourth floor of Walter library last July, now provides an extremely valuable resource in support of the South Asia area study program at the University. It is open to all students who desire to read or consult reference material pertaining to the area, according to E. B. Stanford, director of University libraries.

The University community and the general public will be welcomed to the Ames Library during the open house hours, 1-5 p.m., Wednesday, Stanford said.

The new library's donor will be the guest of honor at the special dedication dinner at 7 p. m. in the University's Campus Club. Invited special guests, in addition to University officials and faculty members, include the University's former president, J. L. Morrill, now with the Ford Foundation in New York; former Minnesota governor Harold L. Stassen; John Cowles, Jr., Minneapolis Star-Tribune publisher; A. A. Heckman, Hill Family Foundation executive director, St. Paul; and Lawrence Gould, Carleton college president.

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PRESIDENT WILSON  
TO VISIT DETROIT LAKES,  
INTERNATIONAL FALLS

(FOR IMMEDIATE RELEASE)

President O. Meredith Wilson of the University of Minnesota will visit International Falls and Detroit Lakes on Monday and Tuesday (Dec. 4-5) for meetings with University of Minnesota Alumni associations and county agricultural organizations.

President Wilson will spend Sunday night in Virginia, Minn., and will arrive in International Falls for a luncheon on Monday. He will attend a Koochiching county agricultural meeting at 2 p. m., followed by a tour of the M&O Paper mill, and will speak at an Alumni association dinner at 6 p. m.

On Tuesday, President Wilson will go to Detroit Lakes, where he also will attend a luncheon, agricultural meeting of Becker county and University Alumni association reception and dinner at 6:30 p. m. He will return to Minneapolis on Wednesday.

Accompanying President Wilson will be Mrs. Wilson; William L. Nunn, director of University Relations; Professor Skuli Rutford, director of agriculture extension; William J. Anglin, administrative aide to the President; and Edwin L. Haislet, director of alumni relations.

UNIVERSITY OF MINNESOTA FOOTBALL MARCHING BAND

The University of Minnesota Football Marching Band---128 strong---assisted by the Golden Gopher mascot, baton twirler and guidon bearers, will represent its university in its second appearance in the Tournament of Roses parade January 1 and will lead thousands of loyal Gopher fans in their cheers for the Golden Gophers at the Rose Bowl game.

With the band are Director Frank Bencriscutto, assistant director Fred Nylene, Drum Major Dick Johnson, twirler Susie Smisek, the Minnesota Gopher, Bill Meiners and ten guidons who will bear the flags of the Big Ten members.

"Minnesota, Hats Off To Thee"---the stirring Minnesota Rouser---will identify the Minnesota band in all of its public appearances which will include, in addition to the parade and the game, a visit to Disneyland and daily rehearsals, open to the public, at Occidental College.

Precision marching routines, a salute to UCLA and a pinwheel formation culminating in "The Rouser" will introduce the Minnesota band to the Rose Bowl game crowds. The band's share of the half-time activities, titled "Our Minnesota" will break from a state-map formation into salutes to such typical Minnesota activities as the State Fair, Summer and Winter Vacations and the Minneapolis Symphony Orchestra. Its finale will be a salute to its alma mater and all universities in the country---two numbers, one dedicated to "Science" saluting the first astronaut to reach the moon, the other, to the Humanities, with "America the Beautiful" as its theme.

The Minnesota Football Marching Band performs annually for the six home-games in Memorial Stadium in Minneapolis and makes one out-of-town trip with the team. This year the band flew to the University of Illinois game at Champagne-Urbana.

Started in 1896 at the request of students who wanted music at the games, the band this year celebrates its 66th birthday.

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UNIVERSITY OF MINNESOTA'S 1962 ROSE BOWL PARADE FLOAT

A golden arrow float will bear the University of Minnesota's Homecoming Queen, a "real live" Golden Gopher and ten---count 'em 10---of its prettiest girls in the 1962 Tournament of Roses parade Jan. 1 in Pasadena.

Kathleen Murphy, the University's 1961 Homecoming Queen, will ride the arrow head. The golden shaft pierces a bed of red roses, edged, on each side, with the name of the University. The Minnesota Pom Pon girls and feminine cheerleaders, dressed in the cheerleader costumes of the Big Ten member schools, Wisconsin, Iowa, Purdue, Indiana, Illinois, Ohio State, Michigan, Northwestern and Michigan State, will surround the roses.

The Golden Gopher---Wilbur Meiners, favorite of last year's Rose Bowl parade and game crowds---the Minnesota Football Marching Band's mascot who has entertained and amused the Memorial Stadium crowds at all the Minnesota games for the last two seasons, will carry on his capers on and around the arrow feather. "Go Minnesota" emblazoned atop the feather, will express the Big Ten's sentiments for all to see.

While the University of Minnesota's float will cost approximately \$6,000, no University funds will be involved, as the entire financing will come from the Rose Bowl.

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KATHLEEN A. MURPHY

UNIVERSITY OF MINNESOTA 1961 HOMECOMING QUEEN

Kathleen Murphy, the University of Minnesota's 1961 Homecoming Queen, could just as well be named "Kathleen Mavourneen", for the raven-haired daughter of a Grand Rapids, Minn. attorney has the true Irish beauty, charm and "Blarney".

Representing her sorority, Delta Delta Delta, as one of the 55 candidates for the title and honor of Homecoming Queen at the University of Minnesota for the 1961-62 academic year, pretty Kathy was crowned at the annual Coronation Ball October 25 in Coffman Memorial Union.

A senior student in the University's College of Science, Literature and the Arts, Kathy has been human relations committee chairman for Panhellenic and now is her sorority's vice president and pledge trainer. A high school cheerleader and co-editor of her class year book, she enjoys all sports, either as a participant or an onlooker, with football definitely her favorite. She claims to be "an enthusiastic but mediocre amateur" in swimming, skating and skiing, and has taught archery, rifle marksmanship and water sports as a summer camp counselor in Northern Minnesota.

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MINNESOTA STUDENT ASSOCIATION'S POM PON GIRLS AND CHEERLEADERS

The Minnesota Student association (MSA), with the aid of seven pretty girls, has finally persuaded Minnesota sports fans, at least, that the term "Pom PON" applies to flowers and bouncy girls who wave "pom pons", while the term "pom-pom" is rightly applied only to French guns of .75 caliber!

The MSA Pom Pon girls---complete with maroon and gold pom pons---will join with the University of Minnesota cheerleaders---also an MSA group---in leading the Golden Gopher fans in cheering on their favorites at the Rose Bowl game January 1 in Pasadena, Calif.

Carole Clifford captains the Pom Pon girls and George Carter is the Golden Gopher Rooter King for 1961-62.

Short pleated gold skirts and heavy gold sweaters emblazoned with Minnesota's maroon block "M" are the official costume of the Pom Pon squad, while the four feminine cheerleaders wear white flannel culottes to match their three masculine counterparts' white flannels. Heavy white sweaters, also with the block "M's", complete their costumes.

While the Pom Pon girls dance their many precision routines to the traditional football game-time pep music, the cheerleaders often join with them in exhorting the crowds to support the team. Up to now, however, the cheerleaders have not been able to talk the girls into joining them in their play on their "baby" trampoline, the first ever put to this use nationally.

At the University of Minnesota, both groups add color and spirit to pep rallies, pep dances and all such major sports occasions as baseball, hockey and football games. The cheerleaders attend the annual out-of-town game scheduled for the Golden Gophers.

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THE LAND-GRANT TRADITION AT MINNESOTA

The University of Minnesota this year is joining with 67 other land-grant colleges and universities in celebrating the centennial of the land-grant college act.

The year-long commemoration marks the 100th year since the signing of the Morrill act by President Abraham Lincoln in July, 1862, a legislative achievement which laid the foundation for our country's great system of state-supported land-grant institutions.

According to President John F. Kennedy, the Morrill act has resulted in "the most ambitious and fruitful system of higher education in the history of the world".

Its purpose 100 years ago was to make higher education available to the many, instead of the few. Today, the 68 land grant institutions in every state of the union and Puerto Rico have an enrollment of 700,000, one-fifth of the nation's college students.

The Morrill act provided for a federal grant of land to each state, which in turn had to be sold by the state and the proceeds used as a permanent endowment to support at least one college in each state. Original emphasis was placed on agriculture, the mechanic arts and military tactics, but "other scientific and classical studies were not to be excluded". From that beginning, most of the land-grant institutions have broadened their curriculums to include strong liberal arts programs in addition to professional, technical and vocational courses.

(MORE)

The University of Minnesota has launched a program of full-scale participation in the celebration. Throughout the state, 2,400 community leaders have accepted invitations to be sponsors of the centennial. Their primary obligation is to become well-informed spokesmen for the land-grant ideal and to participate in the land-grant conference which will be held at the University some time during this academic year.

Included in the land-grant literature being sent to sponsors is a booklet containing selected chapters from former University President J. L. Morrill's book, "The Ongoing University". Funds for this special project were contributed to the University anonymously.

The University is also one of six land-grant institutions awarded a grant-in-aid for the production of a half-hour television documentary commemorating the 100th anniversary. Selected a winner in a nation-wide competition, the University's program will first be telecast next spring as one of a series of six centennial "specials" over the National Educational Television network.

A delegation from Minnesota, headed by President O. Meredith Wilson, attended the convocation of the American Association of Land-Grant Colleges and State Universities in Kansas City, Mo. in November which officially opened the centennial celebration. Books and pamphlets published by the University Press were exhibited at the meeting, along with works of art by University faculty and students.

An alumni of the University of Minnesota is serving as national director of the land-grant centennial. He is Jay Richter, a 1938 graduate and former editor of the Minnesota Daily, student newspaper.

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UNIVERSITY OF MINNESOTA INFORMATIONAL BRIEFS

The Fall 1961 enrollment of 30,846 full-time day students at the University of Minnesota represents an increase of 9 per cent over last year's figures. The previous peak attendance mark was recorded in 1947 when World War II veterans crowded the nation's campuses.

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Of the students attending the University of Minnesota this fall, the ratio of men to women is approximately 7 to 3.

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University of Minnesota National Academy of Science members include Professors Alfred Nier, isolator of the U-235 atom bomb element; Isaak Kolthoff, creator of artificial rubber; John H. Williams, former U.S. atomic energy commissioner; Dean Bryce Low Crawford, Jr., of the graduate school; and Preston E. Cloud, geology department head. Minnesota medicine is represented on the National Academy of Science roster by doctors Maurice B. Visscher, physiology, and Cecil J. Watson, medicine.

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Walter Heller, now serving as chairman of President Kennedy's Council of Economic Advisers, is a member of the University of Minnesota faculty.

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Of the 90,165 individuals who received instruction at some level from the University of Minnesota during the 1960-61 fiscal year, 5,591 received academic degrees during the period.

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A five-year grant from the United States Public Health Service will establish a million-dollar neurological research center for the study of cerebrovascular disease at the University of Minnesota.

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UNIVERSITY OF MINNESOTA INFORMATIONAL BRIEFS - 2 -

The Ames Library of South Asia---a collection of more than 80,000 books, maps and periodicals collected by Charles Lesley Ames, St. Paul---was made a part of the University of Minnesota Libraries this year. The collection, donated to the University by Mr. Ames, formerly was housed on his suburban estate.

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The first formal religious organization in the world-wide history of Hinduism was established at the University of Minnesota this fall when the Hindu Association of the University of Minnesota was accepted as a member of the University's Council of Student Religious Organizations.

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Dr. Charles W. Mayo, son of one of the founders of the world-reknowned Mayo Clinic at Rochester, Minnesota, is chairman of the University of Minnesota's Board of Regents. Dr. Mayo also is head of general surgery at the Mayo Clinic and board chairman of the Mayo Association, the organization which operates the clinic.

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The University of Minnesota this year, together with 67 other Land-Grant institutions, is observing the centennial of the Land-Grant College Act signed into law by President Abraham Lincoln in 1862. This measure gave stimulus to making higher education available to the many, by providing an endowment for at least one college in each state.

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Five United States Senators, Hubert H. Humphrey and Eugene J. McCarthy of Minnesota, Wayne Morse of Oregon, Everett M. Dirksen of Illinois and Quentin Burdick of North Dakota, are alumni of the University of Minnesota as is Orville L. Freeman, United States Secretary of Agriculture.

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The University of Minnesota was the first university in the world to establish a school of nursing.

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Religious activities of University of Minnesota students on the Minneapolis and St. Paul campuses are directed by 31 distinct foundations -- Jewish, Catholic, Protestant and non-denominational.

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Keeping adult Minnesotans up-to-date on new developments in their professions is the job of the University of Minnesota's Center for Continuation Study. Each year it offers hundreds of specialized short courses which attract attendance totalling more than 10,000.

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Corrective open-heart surgery was first performed successfully by a team of surgeons at the University of Minnesota hospitals.

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Northrop Memorial Auditorium on the University of Minnesota's Minneapolis campus is the home of the Minneapolis Symphony Orchestra and scene of the University Artists Course programs, University weekly convocations, the Metropolitan Opera Company's annual spring visits, major lectures and indoor commencements.

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The Mississippi river runs through the model channels and test apparatus of the University of Minnesota's St. Anthony Falls Hydraulic Laboratory, which has been called "the most authentic river clinic in the world".

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The conquest of brucellosis, the development of low-grade iron ore processing, open-heart surgery and the Minnesota Multiphasic Personality Inventory came from University of Minnesota research laboratories.

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The University of Minnesota's Mayo Foundation affiliates the superb facilities of the Mayo Clinic at Rochester with the University's Graduate School to provide high-level post-graduate medical education.

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SINCE LAST YEAR . . . .

The year 1961 has been a banner year for the University of Minnesota in academic achievement as well as on the football field.

Since Minnesota's first visit to the Rose Bowl on Jan. 2, 1961, much yardage has been gained in the University's steady progress toward its goal of high educational achievement.

The year began auspiciously with the inauguration of the University of Minnesota's ninth president, O. Meredith Wilson, on Feb. 23, the 110th birthday of the University. Among the 3,500 official delegates to the day-long ceremonies were Minnesota state, civic and educational leaders and delegates from colleges, universities and learned societies throughout the country and abroad.

High on the list of exciting events and developments which followed was the start of the expansion of the University across the river to the west bank of the Mississippi. In January, ground was broken for the first three buildings of this enlarging of the Minneapolis campus. A 13-story humanities-social science building, a 12-story business administration building and a four-story general purpose classroom building are now under construction, with completion scheduled hopefully for fall of 1962. According to present plans, the west bank development eventually will occupy a 45-acre area with 15 to 18 buildings.

Completion of the University's newest building on the main campus--the School of Architecture--was marked by a four-day round of dedication ceremonies in January. The \$1½-million dollar building includes the Frederick Mann Court, named for the founder of the school.

The University also marked the first successful year of its three-year pilot program of "continuing education for women", on the undergraduate, graduate and extension levels. According to one of its directors, the program is aimed at providing the kind of education for women which will make them happier and more socially productive throughout their adult lives.

Through this program, women are helped to plan and prepare for multiple roles in life so that they do not have to choose between marriage and a home or a career. The program's objectives are to make it easier for women who drop out of college to return to the University for a degree; to keep lines open between the University and the home-bound mother, helping her to continue her education; to amplify current offerings in professional refresher training; and to provide expanded horizons for women whose children are grown, and who want to plan for their lives ahead.

Working engineers and businessmen found opportunities for "continuing education" at the University also in two evening graduate school programs which lead to master of science in electrical engineering and master of business administration degrees. The electrical engineering program got underway for the first time this fall; the business administration program has met with "overwhelming" response in its first two years of operation. Two hundred adults are enrolled in the business program now, with another 100 on the waiting list for admission. Both programs are taught by regular faculty members.

Another project underway is the establishment of a graduate school in business administration and a reorganization of the present undergraduate school. Under the direction of Dean Paul V. Grambsch, the graduate school will "provide rigorous professional education to students of all academic backgrounds who are preparing for careers in either business, industrial or commercial organization".

Culturally, the University continued its valuable service to the community with a number of varied lecture series. Among them are three programs scheduled for fall, winter and spring, on "The Spirit of the 18th Century", "Chinese Backgrounds" and "The Many Faces of Language: The World of English".

A high point in University events this fall was a visit to the campus by Robert Frost. The white-haired poet read his work to an enthralled, standing-room-only crowd in huge Northrop Memorial auditorium, the largest audience ever to attend a University convocation.

THIS IS THE UNIVERSITY OF MINNESOTA

The University of Minnesota, chartered in February 1851 by the Legislative Assembly of the Territory of Minnesota seven years before the Territory achieved statehood, will celebrate its one hundred and eleventh birthday on the University's Charter Day, February 15.

Largest of the Big Ten schools, the University of Minnesota ranks fourth in the nation in enrollment, with 30,846 full-time students.

Dedicated to the task of training the youth of Minnesota, the University's success is measured in part by the <sup>169,851 - 1950-1961</sup> 158,642 degrees that it has awarded to students who have studied in its classrooms and laboratories.

In addition to providing collegiate instruction for more than 30,000 students on its Minneapolis, St. Paul, Duluth and Morris campuses, the University, through its Schools of Agriculture and General Extension Division, this year will give specialized training to approximately 61,000 Minnesotans on a part-time and extension basis. Also, its staff members who are county agents, home agents, 4-H Club agents and recreation and health consultants regularly assist citizens of the state in their home communities.

University scientists are constantly working on research of vital import to the future welfare of the state and the nation in the school's diverse research laboratories on its four college campuses, at the several agricultural experiment stations scattered throughout the state, at the Rosemount Aeronautical Research Center, the Cloquet Forest Research Center, the Cedar Creek Natural History Area, the Fruit Breeding Farm and Arboretum at Excelsior, the Lake Itasca Forestry and Biological Station, at the Mayo Foundation for Medical Education and Research at Rochester and the Hormel Institute at Austin.

Some of the projects now being studied include cancer, heart surgery, taconite, gamma radiation, teacher training, municipal government, nuclear energy, and new varieties in agricultural and horticultural species.

(MORE)

Cultural hub of the Upper Mississippi Valley area, the University is the home of the University Artists Course, radio station KUOM, the University Theater and its Mississippi-river cruising Showboat, the Minneapolis Symphony Orchestra and area performances of the Metropolitan Opera. Many of the programs televised by the Twin City Area Television service, KTCA-TV, Channel 2, originate on the Minneapolis campus. Through the University of Minnesota Program Service, the University brings musicians and lecturers to more than a million and a half people in the area.

Contributions to the University from the people of Minnesota have made possible the Minnesota Museum of Natural History, the Journalism School's Murphy Hall, the Variety Club Heart Hospital and the Mayo Memorial Hospital. The American Legion and its Auxiliary have provided an endowed research professorship in heart disease. Other contributions have enabled the University to build the Masonic Memorial Hospital, the Veterans of Foreign Wars Cancer Research Center and Memorial Stadium.

Equally generous have been the contributions made by corporations, associations, foundations, trade unions, clubs and individuals whose assistance has made thousands of scholarships available each year to outstanding students.

Over recent years, much of the University's energy has gone into planning for anticipated increases in enrollments. At present, about half of the students enrolled in Minnesota colleges and universities attend the University of Minnesota. If other institutions continue to take the same percentage of students, no fewer than 47,000 full-time students will be attending the University in 1970.

The University is mirrored in the legend inscribed on the stone facade of its massive Northrop Memorial auditorium:

THE UNIVERSITY OF MINNESOTA  
FOUNDED IN THE FAITH THAT MEN ARE ENOBBLED BY UNDERSTANDING  
DEDICATED TO THE ADVANCEMENT OF LEARNING AND THE SEARCH FOR TRUTH  
DEVOTED TO THE INSTRUCTION OF YOUTH AND THE WELFARE OF THE STATE

UNIVERSITY OF MINNESOTA  
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Federal 2-8158 EXT. 6700  
DECEMBER 1, 1961

U of M ANNOUNCES  
TICKET POLICY  
FOR ROSE BOWL

(FOR RELEASE 7 P.M. FRIDAY, DEC. 1, 1961)

Minneapolis, Dec. 1, 1961---Rose Bowl ticket plans as approved by the University's Rose Bowl Committee determining policy for the distribution of an estimated 12,000 Rose Bowl tickets which the University of Minnesota will have available for the Jan. 1 game at Pasadena, California, was announced today by the office of Athletic Business Manager Marsh W. Ryman.

Ticket allocation to the University of Minnesota as the visiting participant and to the Big Ten totals 16,783, Marsh Ryman stated. The 12,000 tickets to be put on priority sale represent the quantity available after obligated ticket commitments for University-sponsored special trains for student, staff and alumni and to other Western Conference schools have been filled.

The University Rose Bowl Ticket Committee stressed the principle of "personal application for personal use only" and a maximum of two (2) tickets per application. This will enable the Athletic Ticket Office to spread the supply to a greater number of the Gopher's regular supporters and followers.

Special applications will be made available to five (5) main priority groups with quotas assigned on a lottery basis if necessary to each of these groups with a maximum of two (2) tickets per application, Ryman said:

- (1) University students currently registered and eligible to purchase a regular Student Season Athletic Ticket (Present Season Athletic Ticket holders will be given first priority.) Tickets are for personal use only.
- (2) University faculty and civil service staffs currently employed and eligible to purchase the Staff Season Athletic Ticket. (Present Season Athletic Ticket holders will be given first priority.) Staff-Employee tickets are for personal use only.

(MORE)

- (3) Current University benefactors of record.
- (4) Public season Minnesota ticket purchasers of record (who have purchased in their own name without interruption for the last three (3) years.)
- (5) Paid-up members of Alumni Association and Minnesota Graduate "M" lettermen's Club.
- (6) General public (only if tickets are available after filling above priorities). -- If any are available, procedures for purchase of General Public tickets will be announced after Dec. 8. None are expected to be available.

Ticket prices will be \$6, plus a \$1.00 mailing charge. Single student and staff tickets will be sold at half-price.

Applications including complete instructions for ordering will be mailed first class Saturday, Dec. 2 to the above groups except students and staff who will apply personally on special sale dates. Ryman estimates 45,000 applications will go out Saturday and stated that orders will be accepted only on the official application blank in the original applicant's name and signature for his own use.

Opening date of the sale for the priority groups one to five above will be Monday, Dec. 4, and will close Friday, Dec. 8 at 4 p.m. Applications received after the deadline will be accepted only if the ticket supply is not exhausted.

The ticket office stated that "the priority application holders are not guaranteed tickets". Orders will be accepted and filled on a lottery basis if necessary within priority groups until the supply is exhausted.

**CASH ORDERS WILL NOT BE ACCEPTED.** Checks and postal money orders must accompany applications and applications must be mailed in. No orders will be accepted or tickets sold over the counter in Cooke Hall.

Tickets will be mailed by certified mail between Dec. 15 and 19 except to students and staff who must claim them in person at a special ticket office in Los Angeles between Dec. 29 to Dec. 31.

(MORE)

Students and staff will be limited to one ticket for personal use only plus one additional for spouse if married. Students and staff apply in person only (with check, bank draft or postal money order only) at Williams arena on the following schedule: Documentary evidence of marriage will be required.

Students - Monday and Tuesday, Dec. 4 and Dec. 5,

9 a.m. to 4 p.m. and Tuesday evening until 8:30 p.m.

Staff - Wednesday and Thursday, Dec. 6 and Dec. 7,

9 a.m. to 4 p.m. and Thursday evening until 8:30 p.m.

The Athletic Ticket Office anticipates the greatest volume of mail in its history and estimates that only about one-third of the requests will receive tickets. Orders which cannot be filled will be returned as soon as possible after Dec. 8.

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DECEMBER 1, 1961

'ELITE' GROUP OF 'U' GRADUATE STUDENTS  
PARTICIPATE IN NEW RESEARCH PROGRAM

(FOR IMMEDIATE RELEASE)

An elite group of psychology graduate students at the University of Minnesota is participating in an "exciting new development" in graduate work--the Center for Personality Research, according to its new director, Norman Garmezy, psychology professor.

Because graduate departments have grown so large, Professor Garmezy said, "the idea of the Center is to go back and recreate an apprenticeship research model in doctoral training".

The Center, begun last year, will have a maximum of only 10 to 12 fellowship students enrolled at any one time, and 10 participating faculty members. Each student will be given the opportunity to work under close supervision with at least two of the professors. Professor Garmezy says that "practically from the moment the student walks through the door, he is assigned to a faculty member to start his research immediately".

Center fellows also will spend some time at a major research center in the nation doing actual work in his chosen field. As an example, Professor Garmezy said a student studying schizophrenia might be assigned for a summer to work with a man of such stature as Dr. David Shakow, director of the Laboratory of Psychology at the National Institute of Mental Health in Bethesda, Md.

Only two required courses are listed in the center's program. Everything else is separately programmed for each student, Professor Garmezy said, to create as individualized a focus as the student needs to achieve sophistication in his research area.

Professor Garmezy, who came to the University from Duke university last year as visiting professor in the Center, said his major reason for accepting the University appointment was the opportunity to be associated with the Center.

(MORE)

He describes it as "unique" in its smallness, its sense of intense research concentration, its coordination between research and clinical study and its close faculty-student relations in teaching and training.

The University this year will try to recruit top psychology graduates from schools throughout the country for study in the center. Most of the students receiving doctor of philosophy degrees in the center program will probably go into academic or research work and ultimate leadership in the broad field of personality research.

In a sense, personality research can embrace the whole field of psychology, Professor Garnezy explained. The current research interests of the center staff cover a wide range of fields including child development, genetics of behavior, cognition, schizophrenia, problems of physique and personality, personality typology, physiological bases of behavior, cultural influences on personality development and many other areas of study.

In addition to his work as center director, Professor Garnezy is doing extended research into the family factors that may influence schizophrenia, for which he recently received a five-year, \$110,000 fellowship from the National Institute of Mental Health. In this project, he is studying both schizophrenic patients now under treatment at University and Minneapolis General hospital and children who are beginning to show signs of difficulties in learning, social relationships and other behavior problems.

Professor Garnezy holds joint appointments in the department of psychiatry and the institute of child development.

Schizophrenia is probably one of the most complex diseases known to man, he said, and in his opinion, is the number one medical problem in the country. Half of all hospital beds in this country are occupied by mental patients, he said, and one-fourth of all first admissions to mental hospitals are diagnosed schizophrenic.

LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF DEC. 3 - 10

- Sunday, Dec. 3 -- "The Bison's Influence on History", free lecture and slides by Donald K. Lewis, 3 p.m., Minnesota Museum of Natural History. Open free to the public.
- University of Minnesota Symphony orchestra, directed by George Houle, annual fall quarter concert, 3:30 p.m., Northrop Memorial auditorium. Free, open to public.
- University Theater: "Prometheus Bound" and "The Birds", 3:30 p.m., Scott hall. Tickets at door.
- University Gallery: "Recent Paintings by Nathan Oliveira" and "Rembrandt's Etchings". Open 2-5 p.m., third floor, Northrop Memorial auditorium. Free, open to public.
- Russian Medical Exhibit, 11 a.m.-5 p.m., Coffman Memorial union. Free, open to public.
- Monday, Dec. 4 -- Russian Medical Exhibit, 10 a.m.-5 p.m., through Wednesday. Coffman Memorial union. Free, open to public.
- University Gallery: "Recent Paintings by Nathan Oliveira" and "Rembrandt's Etchings", 8:30 a.m.-4:30 p.m., daily. Free, open to public.
- Tuesday, Dec. 5 -- "Geology of the Moon", lecture by Professor Harold Urey, University of California, fourth in a series of Distinguished Lectures in Geophysics, 7:30 p.m., Mayo Memorial auditorium. Free, open to public.
- Wednesday, Dec. 6 -- Ames library dedication open house, 1-5 p.m., fourth floor, Walter library. Free, open to public.
- Thursday, Dec. 7 -- University Gallery: Opening, paintings by Alfred Henry Maurer, 1868-1932. 8:30 a.m.-4:30 p.m., third floor, Northrop Memorial auditorium. Free, open to public.
- Friday, Dec. 8 -- Minneapolis Symphony Concert: Beethoven Symphony No. 9 with the University of Minnesota Chorus directed by Donald Aird. 8:30 p.m., Northrop Memorial auditorium. Admission.
- Sunday, Dec. 10 -- "A Study of Birds, Bird Migration and Viruses", report by Dr. D.W. Warner, associate professor zoology and curator of birds, 3 p.m., Minnesota Museum of Natural History. Free, open public.
- University Gallery: Last day of "Recent Paintings by Nathan Oliveira"; "Rembrandt's Etchings", and paintings by Alfred Henry Maurer continue. 2 p.m.-5 p.m., third floor, Northrop Memorial auditorium. Free, open to public.

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WASHINGTON 'U'  
PROFESSOR TO GIVE  
GENETICS TALK AT 'U'

(FOR IMMEDIATE RELEASE)

Dr. Arno G. Motulsky, professor of medicine at the University of Washington, Seattle, will lecture on "Genetic Enzyme Defects and Drug Metabolism" at 4 p. m., Thursday (Dec. 7) in Room 12, Owre hall at the University of Minnesota.

The free, public lecture is one of a series on human genetics sponsored by the Minnesota Department of Health, the Dight Institute of Human Genetics and the University of Minnesota department of concerts and lectures.

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DECEMBER 2, 1961

U OF M ANNOUNCES  
TICKET POLICY  
FOR ROSE BOWL

(FOR RELEASE 6 P.M. SATURDAY, DEC. 2)

Minneapolis, Dec. 2, 1961----Rose Bowl ticket plans as approved by the University's Rose Bowl Committee determining policy for the distribution of an estimated 12,000 Rose Bowl tickets which the University of Minnesota will have available for the Jan. 1 game at Pasadena, California, was announced today by the office of Athletic Business Manager Marsh W. Ryman.

Ticket allocation to the University of Minnesota as the visiting participant and to the Big Ten totals 16,783, Marsh Ryman stated. The 12,000 tickets to be put on priority sale represent the quantity available after obligated ticket commitments for University-sponsored special trains for student, staff and alumni and to other Western Conference schools have been filled.

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(MORE)

- (3) Current University benefactors of record.
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Tickets will be mailed by certified mail between Dec. 15 and 19 except to students and staff who must claim them in person at a special ticket office in Los Angeles between Dec. 29 to Dec. 31.

(MORE)

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Students - Monday and Tuesday, Dec. 4 and Dec. 5,

9 a.m. to 4 p.m. and Tuesday evening until 8:30 p.m.

Staff - Wednesday and Thursday, Dec. 6 and Dec. 7,

9 a.m. to 4 p.m. and Thursday evening until 8:30 p.m.

The Athletic Ticket Office anticipates the greatest volume of mail in its history and estimates that only about one-third of the requests will receive tickets. Orders which cannot be filled will be returned as soon as possible after Dec. 8.

UNIVERSITY OF MINNESOTA  
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DECEMBER 3, 1961

STUDENT-STAFF ROSE BOWL  
TICKET SALES SET AT "U"

(FOR IMMEDIATE RELEASE)

A special priority ticket sale for University of Minnesota students and staff who will attend the Rose Bowl football game at Pasadena, Calif., on Jan. 1, 1962, was approved by the University Rose Bowl ticket committee and announced by the Athletic Ticket Office Sunday (Dec. 3).

Marsh Ryman, business manager of athletics, stressed that all tickets sold to students and staff must be picked up personally by the original applicant upon presentation of official receipt and other identification at Los Angeles, Calif., between Friday, Dec. 29, through Sunday, Dec. 31, 1961.

The University athletic ticket office where students and staff will claim their tickets will be located in the lobby of the Southern California Edison Company building at 5th and Grand, across the street from the Biltmore Hotel in Los Angeles, Ryman said.

To be eligible to purchase a Rose Bowl ticket, Minnesota students must be currently registered and eligible to purchase the regular student season athletic ticket. Minnesota staff (faculty and civil service) must be currently employed and eligible to purchase the staff season athletic ticket.

Students and staff will be limited to one ticket if single, plus one additional if married. Tickets are for personal use only. The student or staff member's ticket is a reduced rate ( $\frac{1}{2}$  price) ticket at \$3. The non student-staff spouse ticket will be sold at the regular admission price of \$6, and documentary proof of marriage will be required at the time of purchase. Students will be required to present a fee statement on purchase, and staff will be required to establish appointment and classification status.

(MORE)

The University Rose Bowl ticket committee has ruled that present student and staff season athletic ticket holders will be given first priority in the student and staff "special sale" quotas. Because student and staff ticket priority is ranked number one (1), eligible staff and students who are also University of Minnesota Alumni are advised to use their staff and student priority for tickets.

The Athletic Ticket Office emphasized that time of application on "special sale" dates will not determine seat locations. All student and staff game tickets will be issued only at the University claim office in Los Angeles. Those desiring adjacent seating will be accommodated insofar as possible if they appear together at the claim office in Los Angeles.

Students and staff are cautioned that NO refunds (except in the eventuality that quotas are exhausted) will be made on tickets applied for and not picked up at the claim office because of failure to comply with the specific identification regulations and policies. Policies established for personal purchase, ticket pick-up, identification and non-transfer regulations are in accordance with Big Ten regulations which govern the sale of tickets to University personnel for their own use.

The special priority student-staff sale will be held at Williams Arena lobby on the following schedule:

Students - Monday and Tuesday, Dec. 4 and 5

Hours - 9 a.m. - 4 p.m. and Tuesday evening to 8:30 p.m.

Staff - Wednesday and Thursday, Dec. 6 and 7

Hours - 9 a.m. - 4 p.m. and Thursday evening to 8:30 p.m.

Half day sales of student-staff tickets in Duluth, Morris and Rochester will be scheduled for eligible staff and students of University of Minnesota, Duluth, University of Minnesota, Morris, and at the Graduate School and Mayo Foundation at Rochester. These schedules will be announced in those communities when arrangements are completed.

UNIVERSITY OF MINNESOTA  
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DECEMBER 4, 1961

BEETHOVEN FESTIVAL  
TO OPEN ON  
KUOM DEC. 11

(FOR IMMEDIATE RELEASE)

The annual Beethoven Festival on KUOM, University of Minnesota radio station, will begin Monday, Dec. 11, with programs scheduled at 11:30 a. m. and 2:30 p. m. daily through Friday, Dec. 15, and 2 p. m. Saturday, Dec. 16.

All nine of Beethoven's symphonies will be played. Of particular interest will be a recording of the Sixth Symphony by the Paris National orchestra, conducted by Antal Dorati, former conductor of the Minneapolis Symphony orchestra. The recording was made at the 1961 Montreux Festival in Switzerland and will be played at 2:30 p. m., Tuesday, Dec. 12.

The series will also include the Piano Concerto No. 3, at 2:30 p. m. Thursday, Dec. 14, in a preview of the week's Minneapolis Symphony orchestra concert on Friday. Beethoven's Missa Solemnis, conducted by Otto Klemperer, will conclude the Festival on Saturday, Dec. 16.

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DECEMBER 4, 1961

'U' BIOLOGIST  
NAMED TO NATIONAL  
SURVEY COUNCIL

(FOR IMMEDIATE RELEASE)

Otto H. Schmitt, zoology professor at the University of Minnesota, will attend the first meeting of a new Long-Range Planning council of the American Institute of Biological Sciences Tuesday, Dec. 12, at Stanford university, Palo Alto, Calif.

Professor Schmitt is one of 11 eminent scientists who have been appointed to the council which will survey activities which biologists should undertake in order to make biological knowledge most beneficial in the years ahead.

The American Institute of Biological Sciences is a voluntary organization of 85,000 biologists belonging to 48 learned societies through which united action on common problems is achieved.

-UNS-

'U' STUDENT BUS-TOURS  
SET FOR ROSE BOWL

UNIVERSITY OF MINNESOTA  
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DECEMBER 4, 1961

(FOR IMMEDIATE RELEASE)

Special University of Minnesota student bus-tours to the Rose Bowl game in Pasadena New Year's Day will be sponsored by the Minnesota Student association (MSA) and the University Dean of Students' Office, according to Ken Weiss, MSA vice president.

The 38-passenger Greyhound buses will leave here Tuesday, Dec. 26, arriving in Los Angeles late in the evening of Thursday, Dec. 28, Weiss said. The running time will include food and rest stops in addition to a 5-hour lay-over in Las Vegas, Nev.

Also included in the over-all cost of the tour--\$119.00--will be four nights' lodging in Hollywood motels and hotels (complete with swimming pools, Weiss added) plus all tips, transfer expenses and buses to the game. Game tickets are not included in the package deal, and must be arranged for here at the regular students rate, \$3, and at the student sale hours.

No meals, while on the trip or in California, are included in the special \$119 rate.

The buses will leave for the Twin Cities immediately after the Rose Bowl game, getting in at approximately 11 p.m. Wednesday, Jan.3.

Groups of 36-38 students wishing to travel together may apply for their "own" bus, Weiss said, with the privilege, within limits, of arranging their own routes and time schedules. One University approved chaperone will ride in each of the MSA-sponsored tour buses and regular university policy regarding student behavior will be in effect during the entire trip, according to Dean Edmund G. Williamson, dean of students.

Tickets for the "Golden Gopher" buses will go on sale at noon Tuesday (Dec. 5) in the ping-pong area on the main floor of Coffman Memorial Union. Cash down payments of \$25 will hold reservations until final payment is due, before 12 noon, Thursday, Dec. 14. Positive identification (fee statement for fall quarter) will be required of all applicants, as this tour-rate is for students only.

A similar bus tour for University staff, faculty, parents and friends of the University also will be offered, Weiss said, by the Andrew P. Gibbs Travel Service, Chicago, travel agents conducting the MSA tour. Possibilities also exist for higher-priced plane tours for both students and staff-faculty, according to Gibbs.

AMES LIBRARY  
FOUNDER GIVEN  
'U' REGENTS AWARD

UNIVERSITY OF MINNESOTA  
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DECEMBER 5, 1961

(FOR RELEASE 7 P.M. WEDNESDAY, DEC. 6)

Charles Lesley Ames, St. Paul book collector, was presented a University of Minnesota Regents' Award Wednesday afternoon at an open house for the Ames Library of South Asia, a new unit in the University Libraries.

Presentation was made at a brief ceremony in Walter Library on the Minneapolis campus.

The Ames collection, given to the University by Mr. Ames in 1952, was moved to its present location on the fourth floor of Walter Library last July. It now provides a valuable source of research information for the South Asia area study program at the University. It is open to all students who desire to read or consult reference material pertaining to the area, according to E. B. Stanford, director of University Libraries.

The Regents' Award noted that Mr. Ames "has provided the citizens of Minnesota and scholars everywhere with a vital treasury assembled through his efforts, the Ames Library of South Asia---His visionary pursuits have enriched our state, its University and the entire realm of academic enterprise".

Comprising more than 80,000 items, the Ames library was assembled by its founder over a period of 54 years. Bulk of the collection consists of individual books, but there also are files of more than 50 current periodicals, 15 newspapers, government documents, manuscripts and a large map collection. Geographical scope of the library is India, Pakistan, Ceylon, Nepal and Afghanistan.

A dinner for Mr. Ames, members of the board of trustees of the library and faculty of the South Asia study center was given in Coffman Memorial Union by University President O. Meredith Wilson immediately after the award presentation.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM. BLDG.  
MINNEAPOLIS 14, MINNESOTA  
Federal 2-8158 EXT. 6700  
DECEMBER 5, 1961

BIRD-VIRUS STUDY  
TOPIC OF MUSEUM  
LECTURE SUNDAY

(FOR IMMEDIATE RELEASE)

Are birds long-distance carriers of viruses? Could this be the reason encephalitis viruses appear in widely scattered parts of North America and even South America?

D. W. Warner, associate professor of zoology at the University of Minnesota, will report on research into these vital questions at 3 p. m. Sunday in a free public lecture at the Minnesota Museum of Natural History auditorium on the campus.

Professor Warner, curator of birds at the Museum, will describe a training program currently in progress at the University between the Museum and the medical school in which a study of birds, bird migration and viruses is being carried out. Predoctoral graduate students and postdoctoral fellows in virology, ornithology and ecology are being trained together in the research program, in an attempt to give students in each of the three fields a working knowledge of the other fields.

The Minnesota Museum has two field stations in Mexico, with its main laboratory and headquarters for this project in Mexico City. Other field stations are located here and in South Dakota and another is planned for East Texas, along the migratory bird route.

William F. Scherer, biology professor, is working with Professor Warner on the project.

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COIN EXHIBIT  
FEATURED AT  
'U' MUSEUM

(FOR IMMEDIATE RELEASE)

A collection of 170 coins from all over the world on which factual and mythical animals have been imprinted is on display this month at the Minnesota Museum of Natural History at the University of Minnesota.

The greatest number of coins are from Europe, although there are many from the Far East, Australia, New Zealand and other countries. Every continent is represented except Anarctica.

Most of the coins belong to Stanley Hansen, who is in charge of temporary exhibits at the Museum.

-UNS-

UNIVERSITY OF MINNESOTA  
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DECEMBER 5, 1961

(FOR IMMEDIATE RELEASE)

"A Man Without a Mask", a special production of the British Broadcasting corporation, has been scheduled by KUOM, the University of Minnesota radio station, for broadcast at 11:15 a. m. Friday (Dec. 8).

The program tells the story of the English artist and poet William Blake in his struggle against the "Satanic Mills" of the Industrial Revolution. The program was compiled by Douglas Cleverdon and stars Donald Wolfit.

-UNS-

'U' PLANS STUDENT  
PLANE FLIGHTS  
TO ROSE BOWL

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM.BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
DECEMBER 6, 1961

(FOR IMMEDIATE RELEASE)

Special University of Minnesota student plane flights to the Rose Bowl New Year's Day football game in Pasadena have been arranged by the Minnesota Student association (MSA) and the University Dean of Students' Office, according to Ken Weiss, MSA vice president.

The flight price of \$164.50 includes the round trip fare from Minneapolis to Los Angeles; all meals on planes; limousine transport from the airport to the Biltmore hotel and back to the airport; lodging for three nights at the Biltmore hotel; Disneyland and Knotts Berry Farm tour with admission and book of 15 rides; transportation to the Tournament of Roses parade, to the game and back to the hotel; and a special New Year's Eve dinner dance celebration at the Biltmore.

Not included in the package deal are tickets to the game. These must be purchased under the regular University student rules and regulations, Weiss said.

The planes will depart from the Minneapolis municipal (Wold-Chamberlain) airport at 9 a.m. Friday, Dec. 29, arriving at the Lockheed air terminal in Burbank, Calif., by 2 p.m. Return flights leave Burbank at 9 p.m. Monday, Jan. 1 (after the game), arriving in Minneapolis by 8 a.m. Tuesday, Jan. 2.

One University approved chaperone will travel in each of the planes and the regular university policy regarding student behavior will be in effect during the entire trip, according to Edmund G. Williamson, dean of students.

Application-registration blanks may be picked up by students desiring to make the trip, Weiss said, in Room 310, Coffman Memorial Union. No down payment will be necessary, but the complete amount of \$164.50 must be paid either in cash, cashier's check or post office money order, at the time the blank is returned. No personal checks will be accepted.

With the planes for these flights being provided by supplemental airlines, the University has been most thorough in its checking on the equipment to be provided. Assistant Dean Martin L. Snoke of the Dean of Students' Office said: "We have conducted an extensive review of the reliability of the airlines whose equipment will be used in these flights. This included contacts with the various Federal agencies involved as well as the airlines themselves. All of them have satisfied us that these planes clearly meet all safety standards for air service."

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'U' ROSE BOWL  
SUB-COMMITTEE  
HEADS NAMED

(FOR IMMEDIATE RELEASE)

Chairmen of University of Minnesota Rose Bowl sub-committees planning various phases of the trek to California for the Tournament of Roses at Pasadena, Jan. 1, were announced Wednesday (Dec. 6) by Stanley J. Wenberg, general chairman of the University's Rose Bowl committee.

Sub-committees and their chairmen were listed by Wenberg, University vice president and administrative assistant, as follows:

Alumni, Student, Staff and Public Transportation and Accommodations---  
Edwin L. Haislet, director of alumni relations.

Parade Float---William L. Nunn, director of University Relations.

Parade Participation and Half-Time Activities---Nunn.

Publicity and Information---Nunn.

Rose Bowl Budget---Marsh W. Ryman, athletic department business manager.

Rose Bowl Tickets---Ryman.

Legal and Insurance Problems---Stanley V. Kinyon, law professor and faculty representative to the Western Conference (Big Ten).

First Official Party Arrangements---Ike Armstrong, director of athletics.

-UNS-

LUNDEN ISSUES  
'U' FINANCIAL  
REPORT 1960-61

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM. BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
DECEMBER 7, 1961

(FOR RELEASE THURSDAY, DECEMBER 14, 1961)

Minneapolis --- Operating costs of the University of Minnesota for the fiscal year ending June 30, 1961, total \$87,157,376.55 for all campuses and stations, and 90,165 individuals received instruction at some level from the University during the year, according to a summary of financial operations released today (Dec. 14) by L. R. Lunden, business vice president.

Of the 90,165 students who registered for instruction, 5,591 earned academic degrees during the period.

In addition to its operating expenses, the University paid out \$7,071,288.38 for the construction and remodeling of buildings and the purchase of land. In the 12-month period, to meet construction costs, the sum of \$5,524,952.00 was withdrawn from funds appropriated by the State Legislature for that purpose.

Largest operating outlay, Lunden reported, was the \$39,596,821.46 spent for the instruction of students (at college and non-college level, in short courses and evening classes and through correspondence study) and departmental research on all campuses, agricultural schools and experiment stations, in summer sessions and through agricultural and general extension programs and for the services provided by University Hospitals.

Of the University's total overall operating costs of \$87,157,376.55, the vice president pointed out, the State of Minnesota provided \$30,468,443.07 or 35.0 per cent -- slightly more than one third. State support funds consisted of the Legislative maintenance appropriation of \$25,402,626.00, a special appropriation of \$3,424,462.98 (\$1,712,152.91 of which was charged to the counties) for the care of indigent patients at University Hospitals and a Legislative allotment of \$3,353,507.00 for special projects carried on by the University for the general benefit of Minnesota's citizens.

(MORE)

These "special projects" include agricultural extension work and research, business and economic research, medical research, operation of the Minnesota Rehabilitation Center, the Child Psychiatric Hospital, the Multiple Sclerosis Clinic, the Institute of Child Development and the schools of agriculture student aid fund.

Sources of University income other than the State, the report indicates, are: appropriations from the Federal government---\$4,301,271.13 including \$1,837,319.75 for health research facilities construction and remodeling; fees and receipts---\$17,296,674.64 including \$7,921,106.90 in student tuition and fees; self-supporting University services and revolving funds---\$16,187,501.59 including \$232,796.42 allocated to plant expansion; trust funds---\$22,781,979.60 of which \$15,534,315.69 represents federal contracts and grants; and intercollegiate athletics---\$1,642,152.76.

Income from intercollegiate athletics included \$1,584,222.57 from the Minneapolis campus and \$57,930.19 from the Duluth campus. Expenditures for the operation of intercollegiate athletics and that part of physical education expenses paid from athletic receipts totaled \$1,642,214.69 for the fiscal year 1960-61. Involved was an outlay of \$1,583,856.84 in Minneapolis and \$58,357.85 in Duluth.

Other highlights of the report released by Vice President Lunden are as follows:

\*\* Overall total receipts of the University for the fiscal year amounted to \$99,918,826.26, while expenditures for all purposes, transfers and adjustments for the period totaled \$99,915,799.55 leaving a free unencumbered balance of \$3,026.71 as of June 30.

(MORE)

\*\* Expenditures for building and remodeling and land purchases, totaling \$7,071,288.38, were distributed--- Minneapolis campus \$4,062,113.00; St. Paul campus, \$1,298,903.93; Duluth campus \$1,162,565.10; Morris campus and Station, \$198,788.56; outlying schools and stations and off-campus plant, \$348,917.79.

\*\* At the close of the fiscal year, the University total endowment fund, including endowments for general purposes amounting to \$46,174,354.60, totaled \$64,141,795.70.

\*\* University-owned land as of June 30, 1961 consisted of 16,576.75 acres valued at \$10,332,178.21, while the University's 1,090 buildings had an estimated value of \$115,323,853.59, representing original cost. University equipment was valued at \$46,400,643.15 and included \$365,652.24 in livestock and \$11,781,160.64 in books and museum collections.

-UNS-

NOTE TO EDITOR: Copy of 1960-61 Financial Report Summary accompanies this release.

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'U' DOCTORS  
TO STUDY SMOKING,  
LUNG DISEASE

(FOR RELEASE 11 a.m. FRIDAY, DEC. 8)

A study to discover whether there is any relationship between tobacco smoking and emphysema, a disease of the lungs, will be undertaken at the University of Minnesota under a grant of \$27,405 from the Tobacco Industry Research committee.

The University Board of Regents voted to accept the 18-month grant at its meeting Friday (Dec. 8).

The research project, under the direction of Dr. Esten O. Lindseth, assistant professor of surgery, will deal with the differential pulmonary blood flow in anesthetized dogs during an acute period of smoke inhalation.

Differential pulmonary blood flow is the amount of blood, on the one hand, that flows through arteries and capillaries to become oxygenated in the lungs, and the amount of blood, on the other hand, flowing through arterial-venous channels which does not become oxygenated.

Dr. Lindseth will attempt to find out if there is a similarity in the blood flow pattern in dog lungs when smoke is being inhaled and the lungs of patients afflicted with obstructive emphysema (a disease which causes extreme difficulty in breathing).

"When we have made these comparisons," Dr. Lindseth said, "then we will see whether there is any relation between tobacco smoking and this disease".

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'U' TO AWARD  
850 DEGREES AT  
DEC. 14 COMMENCEMENT

(FOR IMMEDIATE RELEASE)

Logan Wilson, president of the American Council on Education (ACE), Washington, D. C., will speak on "What's Right With American Education" at fall commencement exercises Thursday, Dec. 14, at the University of Minnesota.

University President O. Meredith Wilson will confer some 850 undergraduate and graduate degrees at 8 p.m. in Northrop Memorial auditorium.

Mr. Wilson was president of the University of Texas from 1953 until his appointment this year as president of the ACE. He has also served as professor and head of the departments of sociology at Tulane university, New Orleans, La., and University of Kentucky, Lexington, and was dean of Newcomb College, Tulane university, and academic vice-president of the Consolidated University of North Carolina in Chapel Hill.

A graduate of the University of Texas, Mr. Wilson received master of arts and doctor of philosophy degrees from Harvard university. He holds two honorary doctor of laws degrees from Tulane and Texas Christian universities and is a member of Phi Beta Kappa.

He is the author of "The Academic Man" and "Sociological Analysis", written with A. L. Kolb.

A President's reception for graduates, their families and friends will be held immediately after commencement exercises in Coffman Memorial Union main ballroom.

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DECEMBER 8, 1961

LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF DEC. 10-17

- Sunday, Dec. 10     ---    "A Study of Birds, Bird Migration and Viruses", a description and color slides by D. W. Warner, curator of birds, of field and laboratory activities in Mexico. 3 p.m., Minnesota Museum of Natural History. Free, open to public.
- University gallery: Recent Paintings by Nathan Oliveira (closing today); Rembrandt's Etchings; and Paintings by Alfred Henry Maurer, 1868-1932. Open 2-5 p.m., third floor, Northrop Memorial auditorium. Free, open to public.
- Monday, Dec. 11     ---    "The Age of Phoenician Expansion", lecture by Professor William Foxwell Albright, visiting professor of theology, 8:30 p.m., Minnesota Museum of Natural history auditorium. Free, open to public.
- Thursday, Dec. 14   ---    Commencement exercises. Address by Dr. Logan Wilson, president, American Council on Education, Washington, D. C. 8 p.m., Northrop Memorial auditorium. Admission by guest card only.
- Sunday, Dec. 17     ---    "Superior's North Shore in Winter", lecture and film by Donald K. Lewis, audio-visual adviser, 3 p.m., Minnesota Museum of Natural History. Free, open to public.

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'U' DEBATE TEAM  
AT AIR ACADEMY

(FOR IMMEDIATE RELEASE)

A two-man University of Minnesota debate team will represent the University this weekend (Dec. 8-9) at the annual Air Force Academy National Invitational Debate tournament, Colorado Springs, Colo.

David Krause, science, literature and the arts (SLA) college sophomore, 13505 Maywood Lane, Hopkins, and Andre Zdrazil, SLA junior, 9603 Ann Lane, Hopkins, make up the team.

The students are flying to the tournament---an innovation in University debate team travel, according to their director, Robert L. Scott, associate professor of speech, who explained that this quicker mode of travel was adopted in order that the students might not miss any study time during the important "finals" period at the University.

One of the new "limited invitational" national debate tourneys, the Air Force National is limited to entrants from 36 schools throughout the entire country. All service academies are competing. The geographical limits represented by invited schools, Scott said, are set by Dartmouth college, New Hampshire, and the Universities of Florida, Texas, Southern California and Oregon.

In addition to the University of Minnesota, the "Big Ten" is represented by teams from Northwestern and Ohio State. Other Minnesota schools entered are Macalester and St. Olaf colleges.

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UNIVERSITY OF MINNESOTA'S  
1961 ROSE BOWL PARADE FLOAT

(FOR IMMEDIATE RELEASE)

A golden arrow float will bear the University of Minnesota's Homecoming Queen, a "real live" Golden Gopher and ten of its prettiest girls in the 1962 Tournament of Roses parade Jan. 1 in Pasadena.

Kathleen Murphy, the University's 1961 Homecoming Queen, will ride the arrow head. The arrow's golden shaft pierces a bed of red roses, edged, on each side, with the name of the University. The Minnesota Pom Pon girls and feminine cheerleaders, dressed in the cheerleader costumes of the Big Ten member schools, Wisconsin, Iowa, Purdue, Indiana, Illinois, Ohio State, Michigan, Northwestern and Michigan State, will surround the roses.

The Golden Gopher---Wilbur Meiners, favorite of last year's Rose Bowl parade and game crowds---the Minnesota Football Marching Band's mascot who has entertained and amused the Memorial Stadium crowds at all the Minnesota games for the last two seasons, will carry on his capers on and around the arrow feather. "Go Minnesota" emblazoned atop the feather, will express the Big Ten's sentiments for all to see.

While the University of Minnesota's float will cost approximately \$6,000, no University funds will be involved, as the entire financing will come from the Rose Bowl. The University float is being designed and built by Le Roy B. Miller, Miller Brothers and Hastain, Inc., 9362 Lower Azusa Road, Temple City, Calif.

'U' PROFESSOR  
REPORTS ON  
BIRD-VIRUS STUDY

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM. BLDG.  
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FEderal 2-8158 EXT. 6700  
DECFMBER 8, 1961

(FOR RELEASE 4 p.m. SUNDAY, DEC. 10)

An international team of scientists working in Mexico last summer completed the first lap of a five-year research project on birds and viruses by the University of Minnesota, D. W. Warner, curator of birds at the Minnesota Museum of Natural History said today.

Warner, University zoology professor, described the study at an afternoon program in the Minnesota Museum auditorium.

The scientists from Japan, Peru, Mexico and the United States comprised the summer field staff for the project which is being financed by the United States Public Health service.

The study is attempting to find out whether arthropod-borne viruses (primarily those transmitted by mosquitoes) are carried intercontinentally by migratory birds. Particular attention is being directed toward viruses which coexist in tropical and temperate North American zones, such as the viruses of Eastern, Western and St. Louis encephalitis, Professor Warner said.

A dual objective of the study is to provide training for predoctoral students and postdoctoral fellows in the field and laboratory aspects of virology, ornithology and ecology.

Field training sites have been selected along mid-continental North and Central American migration routes for birds which range from Mexico to Canada. One of the principal field training sites is the coastal and upland regions near Mexico City.

Currently, the initially selected bird habitats along the migration routes are being investigated for evidence of arthropod-borne viruses. Later, certain habitats will be chosen for intensive ecologic study of selected viruses, Professor Warner said.

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CHRISTMAS MUSIC  
FESTIVAL TO BEGIN  
DEC. 18 ON KUOM

(FOR IMMEDIATE RELEASE)

The annual Christmas Music Festival over KUOM, University of Minnesota radio station, will begin Monday (Dec. 18), with two programs scheduled daily through Saturday, Dec. 23.

Music in the spirit of the Christmas season will be heard beginning at 11:30 a.m (11:15 a.m. on Monday and Friday) and 2:30 p.m. The programs will include major works by Bach, Berlioz and Brahms, as well as a wide variety of carols and traditional music.

The Minneapolis Madrigal Singers, conducted by Fredric Hilary, will be heard several times during the festival. At 2:30 p. m. Monday, they will sing Charles Pachelbel's "Magnificat" and "The Shepherds' Christmas Songs" by Bela Bartok, a work which they recently gave its Minneapolis premiere.

Another Minneapolis group, The Little Singers of Central, children's chorus from Central Lutheran Church, also conducted by Hilary, will be heard at 11:30 a.m. Saturday, Dec. 23. Their program will include Brahms' "Cradle Song" and "The Happy Wanderer".

The festival will close Saturday with a performance of Handel's "Messiah", conducted by Leonard Bernstein.

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50 HIGH SCHOOL  
DEBATE TEAMS  
TO VIE IN 'U' MEET

(FOR IMMEDIATE RELEASE)

More than 50 debate teams from Minnesota, North and South Dakota and Wisconsin high schools will take part in the first University of Minnesota High School Debate Tourney, Friday and Saturday, Dec. 15-16, on the Minneapolis campus.

"The excellent response to our invitations to this initial tournament encourages our plans to make this an annual affair," Robert L. Scott, associate professor of speech and theater arts, tournament director, stated.

A team of four students and a faculty adviser will represent each high school entered in the tourney, Scott said. Coaches of teams in the tourney will act as judges.

Debates on the proposition "That the Federal government should provide additional aid for public school facilities" will be held in various University classrooms, with headquarters in Nicholson hall. Starting time on Friday will be 3:30 p.m. so that local entrants will not miss Friday class time.

Following the Saturday morning activities, a luncheon for the entrants will be held in Coffman Memorial Union junior ballroom. Professor Ralph Nichols, St. Paul campus rhetoric department chairman and president of the Speech Association of America, will speak and will present the awards to winning teams.

In organizing the new tourney, Scott stated: "The tournament is actually a service to debate programs in high schools in this area; it gives the students an opportunity to put into practice the methods and techniques of argumentation and discussion of subject matter that they learn in their own high school programs, bringing in the element of competitiveness to encourage them".

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NORTH SHORE  
FILM TO BE SHOWN  
AT 'U' DEC. 17

(FOR IMMEDIATE RELEASE)

A photographic trip along Lake Superior's North Shore in winter will be the subject of a film to be shown at 3 p. m. Sunday (Dec. 17) in the Minnesota Museum of Natural History at the University of Minnesota.

The free program, open to the public, will be presented by Donald K. Lewis, audio-visual adviser at the Museum.

According to Lewis, this is one of the most popular films ever produced and shown at the Museum. It pictures the beautiful ice formations up and down the Superior shore, as far north as Pigeon River, and the animal and bird life on land and water. The film also includes a small part of the pulp wood and taconite industries in that area.

-UNS-

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'U' MEDICAL FUND  
GETS SPECIAL  
CHRISTMAS GIFT

(FOR IMMEDIATE RELEASE)

The Minnesota Medical Foundation, a non-profit organization which provides private financial support to the University of Minnesota medical school, has received a \$1,500 grant for heart and cancer research at the University.

The grant, donated by Schwan's Ice Cream company of Marshall, Minn., on behalf of Marvin Schwan, the firm's owner, and the company's milk routemen in lieu of Christmas gifts to the firm's customers, is the company's sixth annual Christmas donation for medical research.

The 1960-61 donation, according to Eivind Hoff, Jr., Foundation executive secretary, was included in a cancer research grant to Dr. Samuel B. Schwartz, University professor of experimental medicine.

The Schwan Christmas donation this year will include the customary amount of \$1,500 to the University's medical research through the Minnesota Medical Foundation, plus additional gifts to the medical schools of the state universities of Iowa, Nebraska, South Dakota, Illinois and Wisconsin. All of these schools, with the exception of Iowa, which will receive \$900, will receive grants of \$100 each.

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8 'U' GRADUATE  
STUDENTS IN SPEECH  
PATHOLOGY GET GRANTS

(FOR IMMEDIATE RELEASE)

Eight graduate students in speech pathology and audiology at the University of Minnesota have been awarded traineeship grants by the United States Office of Vocational Rehabilitation.

The grants are awarded for the year 1961-62 for graduate study directed toward participation in a program of rehabilitation of adults with speech or hearing problems, according to Ernest H. Henrikson, director of the University division of speech pathology and audiology.

Receiving grants for study toward a master of arts degree are Robert Brookshire, Huron, S. D.; Mrs. Nancy Cowan, Chicago, Ill.; Samuel Haroldson, St. Paul, Minn.; Kathleen Johnston, Rice Lake, Wis.; Mrs. Joanne Lake, Appleton, Wis.; and Mrs. Sylvia Richardson, Miles City, Mont.

Trainees studying for the doctor of philosophy degree are Richard Martin, Caldwell, Ida.; and Earl Stark, Salt Lake City, Utah.

Recipients of the grants were selected by the staff of the division of speech pathology and audiology on the basis of their scholastic ability, previous training and interest, Henrikson said.

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HINDU GROUP  
TO MEET AT 'U'

(FOR IMMEDIATE RELEASE)

Dr. Narayana Pillai, chairman of the department of philosophy, Kerale university, Trivandrum, Kerala State, India, will address the December meeting of the Hindu Association of the University of Minnesota Saturday (Dec. 16) at 7 p. m. in Murphy hall auditorium.

"The Basic Concepts of Hinduism" will be the topic of Dr. Pillai's lecture which will be open to the public.

Following Dr. Pillai's address and the refreshment hour, the general body of the newly organized group (first organized Hindu religious group in the history of the religion) will meet to elect officers for the current academic year.

-UNS-

UNIVERSITY OF MINNESOTA  
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DECEMBER 15, 1961

DEADLINE SET  
FOR TEACHER  
EXAM REGISTRATION

(FOR IMMEDIATE RELEASE)

Applications by prospective teachers in this area for the National Teacher Examinations to be given February 10, 1962 at the University of Minnesota must be received by January 12, it was announced today.

Application blanks and bulletins of information may be obtained from the University student counseling bureau, 101 Eddy Hall, or directly from the National Teacher Examinations, Educational Testing service, Princeton, New Jersey where applications must be mailed.

Dr. Ralph F. Berdie, University psychology professor and director of the student counseling bureau, will supervise administration of the tests.

Scores on the examinations are used by a large number of school systems and teacher education institutions throughout the country as an aid in evaluating those qualifications of prospective teachers which are measured by the tests, Professor Berdie said. The scores may also be useful to examinees who are interested in discovering their own strengths and weaknesses in these same qualifications, he added.

At the one-day testing session, a candidate may take the common examinations which include tests in professional information, general culture, English expression and nonverbal reasoning. In addition, each candidate may take one or two optional examinations which are designed to demonstrate mastery of subject matter in the fields in which the candidate is prepared, Professor Berdie said.

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'U' RECEIVES  
\$39,000 IN CANCER  
RESEARCH GRANTS

(FOR IMMEDIATE RELEASE)

Research grant payments totalling \$39,602 were received today by the University of Minnesota from the Minnesota division of the American Cancer society for work on 14 cancer research projects.

The payment represented the first half of grants approved by the Minnesota cancer division for the University this year.

Largest among the grants are two for \$10,000 each for continuing research in Hodgkin's disease by Dr. Robert A. Good, professor of pediatrics, and the protective use of fractionated bone marrow by Dr. Sadek K. Hilal, medical fellow in radiology.

The grants also include funds for "second look operations" by Dr. Owen H. Wangenstein, chairman of the surgery department, and a study of physiological effects of vitamin analogs on acute leukemia in children by Dr. William Krivit, associate professor of pediatrics.

Other projects covered by the grants will be carried out by the following University staff members: Dr. Earl G. Yonehiro, clinical instructor in surgery; Dr. Erhard Haus, cancer trainee in pathology; Dr. J. H. Galicich, medical fellow in surgery; Dr. S. N. Chou, surgery instructor; Dr. L. A. French, professor and director of neurosurgery; Drs. Theodor B. Grage, Ward O. Griffen, Jr., John B. Lunseth and Norman B. Ackerman, medical fellows in surgery; Dr. Lee W. Wattenberg, associate professor of pathology; Dr. R. B. Howard, dean of the college of medical sciences; and Dr. Alvin S. Zelickson, medical fellow specialist.

\$3,500 FELLOWSHIP  
AWARDED TO  
'U' MINES STUDENT

UNIVERSITY OF MINNESOTA  
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Federal 2-8158 EXT. 6700  
DECEMBER 18, 1961

(FOR IMMEDIATE RELEASE)

Minneapolis --- Paul F. Gnirk, 2039 Knapp, St. Paul, a third-year graduate student in the University of Minnesota school of mines and metallurgy, has been awarded the Reserve Mining Company Fellowship for the 1961-62 school year.

The award, for study at the University, of \$3,500 is renewable, and was established by the Reserve Mining company in 1954 as a "high level graduate fellowship, with careful selection of a gifted and mature student". The recipient will study the fundamentals of blasting of taconite, particularly as it pertains to the effect of varying physical properties of the taconite and to the relationship of joint patterns to blasting characteristics. Gnirk will work closely with the operating companies so as to integrate laboratory research with field research.

Professor Eugene P. Pfleider, head of the school of mines and metallurgy, said such fellowships are "most effective in supporting higher education in the fields of mineral engineering and in developing the tools of research to critical problems in the taconite industry".

Gnirk, a native of Burke, S. D., and a graduate of South Dakota School of Mines, will work with Professor Charles Fairhurst, who heads the area of rock mechanics in the University school of mines and metallurgy.

Previous recipients of the fellowships were James R. N. Gundersen, Los Angeles, Calif., who received the doctor of philosophy degree from the University in December, 1958 and is now a professor at Los Angeles State College and Norman Schulz, now completing his doctoral thesis at the University and a research engineer with the United States Bureau of Mines Research center, Fort Snelling, Minn.

'U' RECEIVES  
\$215,800 for NSF  
SUMMER INSTITUTES

UNIVERSITY OF MINNESOTA  
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DECEMBER 18, 1961

FOR RELEASE TUESDAY, DEC. 19)

High school science and mathematics teachers will be given an opportunity to return to college next summer for a new view of the subject matter they teach through a \$215,800 grant made to the University of Minnesota by the National Science Foundation.

The award, part of a \$26.4 million national program announced today, will finance five summer institutes at the University's Minneapolis, St. Paul and Duluth campuses.

The institutes will offer teachers study opportunities in specially designed courses to renew their knowledge of fundamentals, acquaint them with recent developments and advancements in science and mathematics and familiarize them with new approaches in the presentation of subject matter.

Tuition, fees, weekly stipends and allotments for dependents will be paid through the Foundation grants for teachers attending the institutes.

Three of the institutes will be offered at the University's Minneapolis campus: an institute in biology, directed by William H. Marshall, professor of entomology and economic zoology; chemistry, directed by Professor Paul R. O'Connor, division chief and associate professor of chemistry; and chemistry, mathematics and physics directed by Professor Frank Verbrugge, associate dean of the institute of technology.

The University's St. Paul campus will offer an institute in radiation biology, directed by Francis A. Spurrell, associate professor of veterinary surgery. The Duluth branch's institute will be in biology, with Professor Blanchard O. Krogstad, associate professor of biology, as director.

Participants are chosen by the staff of the institute. Inquiries and applications should be addressed to the directors of the institutes.

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(FOR IMMEDIATE RELEASE)

A lecture on 18th century literature by Professor Samuel H. Monk, University of Minnesota English professor, will be broadcast by University radio station KUOM Tuesday at 1:30 p.m., Dec. 26. The lecture is entitled "Matthew Prior: Bridge Between the Centuries".

Professor Monk is widely known for his book, "The Sublime: A Study of Critical Theories in Eighteenth Century England". His articles have appeared in the Sewanee Review, the Southern Review and many other publications.

Dr. Monk's talk was delivered on November 14 as part of a lecture series entitled "The Spirit of the Eighteenth Century" sponsored by the Minneapolis Institute of Arts in cooperation with the University's general extension division. The series was held in conjunction with the institute's major exhibition, "Eighteenth Century Design".

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PAULU NAMED  
TO BROADCASTERS'  
REGIONAL OFFICE

(FOR IMMEDIATE RELEASE)

Burton Paulu, director of the department of radio and television broadcasting at the University of Minnesota, has been elected radio director for Region IV of the National Association of Educational Broadcasters (NAEB).

As such, he will be a member of the board of directors of that organization, made up of 175 educational radio and television stations in all parts of the United States and 125 educational institutions broadcasting over stations other than their own.

Region IV comprises Minnesota, Iowa, Nebraska, North and South Dakota and Wyoming. Minnesota station members include KUOM on the University's Minneapolis campus, KUMD-FM at the University's Duluth campus, WCAL at St. Olaf college in Northfield and KTCA-TV in St. Paul.

Paulu has served three terms as NAEB secretary, two terms each as president and vice president and another term as board member. A recipient of Fulbright and Ford grants for research into broadcasting overseas, he is the author of "British Broadcasting: Radio and Television in the United Kingdom" and "British Broadcasting in Transition".

-UNS-

SECOND 'U' OFFICIAL  
FLIGHT LEAVES DEC. 28  
FOR ROSE BOWL

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM. BLDG.  
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Federal 2-8158 EXT. 6700  
DECEMBER 19, 1961

(FOR IMMEDIATE RELEASE)

The second echelon of the University of Minnesota's "official party" to the Tournament of Roses in Pasadena, Calif., will leave by chartered plane Thursday, Dec. 28, from Wold-Chamberlin airport, according to Stanley J. Wenberg, general chairman of the University's Rose Bowl committee. An earlier plane carried the football team and coaches to the West Coast.

Scheduled departure time of the official party's plane, a Capital Airlines DC6B is 2 p. m. Dec. 28. The party will return to the Twin Cities Jan. 2.

All University expenses involved with the Rose Bowl, including the official party flight, will be paid out of receipts from the upcoming Jan. 1 football game. Any deficit in this year's budget will be made up out of past Rose Bowl receipts allotted to the University through Big Ten participation over the past 15 years.

Tentative list of members of the official party aboard the plane is as follows: Governor Elmer L. and Mrs. Andersen; the following University Regents and their wives: Dr. Charles W. Mayo, Otto A. Silha, Lester A. Malkerson, Herman F. Skyberg, A. I. Johnson, Robert E. Hess and A. J. Olson; Regent Mrs. C. E. Howard and Mr. Howard. Regents Richard L. Griggs and B. E. Grottum will meet the party out in California but will not travel with the group.

University vice presidents Laurence R. Lunden and Stanley J. Wenberg and their wives; Edmund G. Williamson, dean of students, and Mrs. Williamson; Willard L. Thompson, assistant to the president, and Mrs. Thompson; and Clinton T. Johnson, assistant vice president and treasurer, and daughter. Sterling Garrison, assistant secretary of the Board of Regents, and Mrs. Garrison also will be members of the official party but will not travel with the group.

The following faculty members of the University Senate Committee on Intercollegiate Athletics and their wives: Raymond W. Darland, Willis E. Dugan, John H. Williams, Stanley V. Kinyon and Alfred L. Vaughan; Max O. Schultze, faculty committee member; alumni members of the committee Dr. Virgil J. P. Lundquist and Russell Backstrom and their wives; student members of the committee Richard J.

(MORE)

'U' ROSE BOWL FLIGHT

-2-

O'Laughlin and Orville F. Peterson.

Three places aboard the plane will be taken up by members of the athletic department.

University President O. Meredith and Mrs. Wilson and their family will leave for Los Angeles Dec. 26 to visit relatives in the area, so will not be aboard the official University flight leaving for California Dec. 28. However, President and Mrs. Wilson and their three youngest children, John, David and Margaret will return with the official party on Jan. 2.

-UNS-

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DECEMBER 19, 1961

'U' RECEIVES \$1,200  
RESEARCH GRANT FROM  
DIABETES ASSOCIATION

(FOR IMMEDIATE RELEASE)

The Twin Cities Diabetes association has awarded \$1,200 to the University of Minnesota in support of three research projects in diabetes.

Checks for \$400 each were sent to Dr. Richard DeWall, medical fellow in surgery, for research into "Homotransplantation of Pancreatic Islet Tissue"; Carl B. Heggstad, assistant professor of anatomy, for "The Determination of Corticosterone Levels in the Sera and Adrenals of Diabetic Pregnant Rats"; and Jack Cooper, medical student, for "Quantitative Evaluation of Blood Vessel Alteration in the Retina in Human and Diabetic Subjects and in Experimental Diabetic Animals".

Dr. Arnold Lazarow, professor of anatomy, is chairman of the association's research committee which recommended the projects for support.

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WORKS OF 2 'U'  
FACULTY IN NEW  
PUBLICATION

(FOR IMMEDIATE RELEASE)

Essays by two University of Minnesota faculty members are included in a new book entitled "Research Opportunities in American Cultural History", just published by the University of Kentucky press.

They are Theodore C. Blegen, dean emeritus of the graduate school, writing on "The Saga of the Immigrant", and Philip D. Jordan, professor of history, whose essay is entitled "Tastes in Recreation".

The purpose of the book, as outlined by editor John F. McDermott of Washington university, is "to explore research possibilities in a dozen areas of American cultural history with the aim of awakening students of all ages to rich opportunities for profitable studies of the American past and present".

-UNS-

5 'U' SCIENTISTS  
TO STUDY ABROAD  
UNDER NSF GRANTS

(FOR IMMEDIATE RELEASE)

Five University of Minnesota scientists have been awarded National Science Foundation senior postdoctoral fellowships for advanced research training at foreign universities next year.

They are: George R. Blake, soils professor, who will study at the Agricultural Research center, Germany; Lawrence E. Goodman, aeronautical engineering professor, who will go to the University of Cambridge, England; Maurice M. Kreevoy, associate professor of organic chemistry, who will go to the University of Oxford, England; Warren L. Reynolds, associate professor of inorganic chemistry, who will study at Washington university, St. Louis, Mo., and the University of Cambridge; and Edward P. Ney, physics professor, whose study and research will be done at the University of Sydney, Australia.

Professor Ney, along with Professor John R. Winckler, heads the University's cosmic ray research team which in 1959 detected, for the first time, gamma rays thrown out by the sun. He is currently working on a project of continuous monitoring of cosmic rays by high altitude balloons.

The announcement made today by the National Science Foundation in Washington, D. C., also named Curtis L. Larson, associate professor of agricultural engineering, and Reuben M. Olson, lecturer in civil engineering, as recipients of science faculty fellowships "to enable them to enhance their effectiveness as teachers".

Professor Larson, under the fellowship, will study next year at Stanford university, Palo Alto, Calif., for 15 months, while Olson will do further study at the University of Minnesota.

At the same time, five science faculty fellowship winners from the Michigan College of Mining and Technology, Houghton, Mich.; Carleton college, Northfield, Minn.; Bethel College and Seminary, St. Paul; Marietta college, Marietta, Ohio; and West Virginia University, Morgantown, W.Va., will spend a year studying at the University of Minnesota.

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TRAFFIC CLUB  
GIVES CHILDREN'S  
PARTY AT 'U' HOSPITALS

(FOR IMMEDIATE RELEASE)

Some 100 gifts were distributed to children in the University of Minnesota hospitals Thursday (Dec. 21) afternoon during the Minneapolis Traffic Club's 40th annual Christmas party at the hospitals.

Television characters Casey Jones and Roundhouse Rodney entertained the children in the Variety Club Heart hospital auditorium. A member of the Traffic club, in the person of Santa Claus, distributed the Christmas packages to children in the auditorium and to those in the wards not able to attend the party.

Many of the gifts given to the hospital---crafts and toys---will be used year around for therapy purposes.

The Traffic Club is a fraternal and social organization of representatives of transportation and industry. Reynold R. Meyer, 6925 Sheridan avenue S., is president of the group.

The club also decorated the University hospital wards this week with Christmas wreaths and will distribute 225 fruit baskets to adult patients before Christmas Day, according to Forrest R. Edgington, 6217 Sumter avenue N., who was in charge of arrangements and served as master of ceremonies for the party.

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'U' PHARMACY  
FRATERNITY TO HOST  
NATIONAL CONVENTION

(FOR IMMEDIATE RELEASE)

The forty-fourth grand council of Phi Delta Chi, professional pharmacy fraternity, will be held Wednesday through Friday (Dec. 27-29) at Pick-Nicollet hotel.

Theta chapter, founded at the University of Minnesota in 1904, will host the national convention which has not met in Minneapolis since 1930.

From 75 to 100 delegates from 43 active chapters throughout the country are expected to attend.

President of Theta chapter, whose house is located at 1024 4th St. S.E., is Kent Johnson, pharmacy senior, Grand Rapids, Minn.

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'U' THEATER HEAD  
TO SPEAK AT  
NATIONAL MEETING

(FOR IMMEDIATE RELEASE)

Frank M. Whiting, speech professor and director of the University of Minnesota theater, will speak at the 1960-61 Speech Association of America convention Thursday (Dec. 28) at the Waldorf Astoria hotel, in New York City.

Professor Whiting, who is a member of the board of directors of the Tyrone Guthrie Theatre foundation, will be the first of three speakers discussing the relationship between professional and academic theater. Topic of his talk will be "Professionalism from the Academic Point of View".

-UNS-

'U' BAND, FLOAT  
PARTY TO LEAVE  
FOR PASADENA WEDNESDAY

UNIVERSITY OF MINNESOTA  
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DECEMBER 22, 1961

(FOR IMMEDIATE RELEASE)

The University of Minnesota Marching Band, Homecoming queen, cheerleaders and Pom Pon girls will leave Wednesday (Dec. 27) for the Rose Bowl game in Pasadena, Calif.

The groups, which comprise the University's contingent in the Tournament of Roses parade and half-time ceremonies at the Rose Bowl, will leave at 9 a.m. from Wold Chamberlain airport aboard three chartered DC6 planes. Accompanying the students will be University staff and faculty chaperones.

The planes include a 95-passenger Western Airlines plane and two smaller American Airlines planes.

The band, directed by Frank Bencriscutto, includes drum major Dick Johnson, twirler Susan Smisek, the Golden Gopher mascot Wilbur Meiners and ten guidons who will bear the flags of the Big Ten schools. Assistant band director is Fred Nylene. Musicians in the band number 128.

Carole Clifford captains the eight Pom Pon girls and George Carter, Rooter King, heads the seven cheerleaders.

1961 Homecoming Queen Kathleen Murphy will ride at the head of the University's "golden arrow" float in the Tournament of Roses parade New Year's Day morning, Jan. 1. The Pom Pon girls and coed cheerleaders, dressed in the cheerleader costumes of the Big Ten Athletic conference schools also will ride the float.

The band and the Gopher mascot will march in the parade in the morning and in the afternoon will perform at pre-game and half-time ceremonies at the Rose Bowl contest between the University of Minnesota and UCLA football teams.

The cheerleaders and Pom Pon girls will be on the sidelines during the game to lead the Minnesota fans in cheering on the Gophers.

Expenses for sending the band, cheerleaders, Pom Pon girls and Homecoming Queen to the Rose Bowl and for building the float will be paid out of Rose Bowl receipts allotted through the Big Ten Athletic conference to the University of Minnesota for its participation in the game.

UNIVERSITY OF MINNESOTA  
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DECEMBER 22, 1961

'U' GETS NEW GRANT FOR  
STUDY ON RHEUMATIC DISEASE LINKS

(FOR IMMEDIATE RELEASE)

Studies on the possible relationship between a variety of so-called "rheumatic diseases" will be continued at the University of Minnesota under a new, one-year grant for \$53,514 from The National Foundation-March of Dimes, effective Jan. 1.

The project, under the direction of Dr. Robert A. Good, research professor of pediatrics, will explore the possible link between a host of rheumatic or arthritic conditions that afflict children.

During the past few years, Dr. Good and his associates have conducted a special Children's Rheumatic clinic at the University of Minnesota hospitals. Among the youngsters being followed in this series are some 130 with juvenile rheumatoid arthritis, a disease which may lead to severe crippling early in life, if allowed to go untreated.

Other children included in the study have various diseases that attack collagen, the substance that helps "cement" together the body's connective tissues, cartilage and bones. These diseases include a number which affect the skin such as lupus erythematosus, dermatomyositis and scleroderma.

Some of these same young patients also suffer from a condition called agammaglobulinemia, in which the body fails to make gamma globulin, the special kind of protein needed for the production of antibodies against germs. This disease, which is sometimes present at birth but may also appear later in life, makes a youngster particularly vulnerable to infections.

According to Dr. Good, he and his associates have a special reason for studying these patients. First of all, he pointed out, far too many of the patients with agammaglobulinemia, about 30 percent, develop rheumatoid arthritis or other forms of connective tissue disease. Secondly, he said, it has been shown that there is an unusually high incidence of rheumatoid disease among the relatives of those patients who developed agammaglobulinemia after birth.

(MORE)

A number of other questions on possible family patterns in joint diseases also will be studied by the University team. They include such questions as: Do patients with joint disease have any abnormal blood components in their families? Do their relatives tend to have rheumatoid factors in their circulation?

Dr. Good and his colleagues also are investigating whether a form of lupus erythematosus might be due to the administration of certain drugs. In four patients who had received such medications, Dr. Good reported, a typical picture of the disease appeared---skin rash, effusion of fluid from various vital organs, kidney disease and changes in the joints.

In each instance, when the children were taken off the particular drugs, they became entirely normal within a year. This evidence, Dr. Good said, "strongly argues for the hypothesis that in certain cases of lupus, hypersensitivity to some agent from outside the body may be a causative factor".

Dr. Good said he and his associates are continuing their study of this group of children and also are checking the youngsters' families to see if there may be an unusually high incidence of blood abnormalities, signs of lupus erythematosus or rheumatoid factor.

The National Foundation-March of Dimes is supporting these studies on arthritis-linked conditions as part of its nation-wide campaign against arthritis, a major cause of crippling today.

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LOCAL BASS BARITONE  
TO GIVE THREE  
PROGRAMS AT 'U'

(FOR IMMEDIATE RELEASE)

Vernon H. Sell, Minneapolis bass-baritone who has been studying voice in Germany and touring Europe with the Salvati Mixed Quartet, will appear in three programs next week presented by the University of Minnesota.

He will sing for the University's Music hour at 11:30 a. m. Tuesday (Jan. 2) in Scott hall auditorium and will appear as a soloist on "Folio", a program presented by the University at 9 p. m. Wednesday (Jan. 3) on KTCA-TV, channel 2.

Sell will also sing a graduation recital at 8:30 p.m. Saturday, Jan. 6, in Scott hall auditorium. Both Scott hall programs are open to the public.

A University of Minnesota graduate in music education, Sell is studying for a concert singer's diploma at the Staedtische Nochsule fuer Musik in Mannheim, Germany. He has also completed course work toward a bachelor of arts degree in voice from the University. His recital on Jan. 6 is a requirement for that degree.

The Salvati Mixed Quartet, of which he is a member, has been described by famed composer Darius Milhaud as "an ensemble of most profound musicality".

Sell is visiting his home at 3217 Sheridan Avenue North over the holidays and will present a recital in New York Jan. 16 before returning to Germany.

While at the University, Sell appeared in several Varsity shows, in Minneapolis Civic Opera and University theater productions and in shows and operettas presented by Phi Mu Alpha, professional music fraternity.

Professionally, he has sung with the Hi Lighters vocal quartet in Minneapolis and on radio broadcasts in Germany and Switzerland. He has given recitals and appeared in oratories in four German cities.

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'U' ECONOMICS  
PROFESSOR GETS FORD  
RESEARCH FELLOWSHIP

(FOR IMMEDIATE RELEASE)

John G. Turnbull, University of Minnesota economics professor, has been awarded a Faculty Research Fellowship by the Ford Foundation for the year 1962-63. His research topic is "The American Economic Security System: A Critical Appraisal".

This is the sixth time a member of the Economics Department at the University has been awarded this fellowship -- a record that has been equalled by, at most, two other economics departments in the country.

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'U' PROFESSOR  
ELECTED FELLOW  
OF NATIONAL SOCIETY

(FOR IMMEDIATE RELEASE)

Milton Sobel, associate professor of statistics at the University of Minnesota, has been elected a fellow of the American Statistical society and will be presented with the certificate of fellowship during the society's annual meeting Thursday (Dec. 28) in New York city.

Two other members of the University's statistics department were elected fellows of the Institute of Mathematical Statistics at its annual meeting in Seattle this year. They are Meyer Dwass, statistics professor, and I. Richard Savage, economics professor. Professor Savage is also a member of the University's biostatistics department.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE  
DECEMBER 27, 1961

(FOR IMMEDIATE RELEASE)

Pasadena, Calif. ---

was among 154 members of the University of Minnesota Marching band who arrived here today (Wednesday, Dec. 27) to participate in the 1962 Tournament of Roses.

The band is part of the University's contingent of parade and half-time participation personnel who will represent their school for the second year in a row at the tournament parade and Rose Bowl game, Monday, Jan. 1.

The band and its director Bandmaster Frank Bencriscutto, the Minnesota (University) Student association's cheerleaders and Pom Pon girls, the University of Minnesota 1961 Homecoming queen Kathleen Murphy and faculty and staff chaperones arrived in Los Angeles today aboard three chartered airplanes. The group will stay at Occidental college in Pasadena during its six-day visit.

A full schedule of activities is on tap for the band in addition to its New Year's Day appearances. The band will give a public concert at Disneyland Friday, Dec. 29, visit either a Hollywood studio or Marine Land and hold daily rehearsals, open to the public, at Occidental college.

The band will assemble at the starting point of the Tournament of Roses parade at 6 a. m. New Year's Day. The parade will begin at 8:50 a. m. (10:50 a. m. Central Standard Time).

After a box lunch at the end of the parade, the band will board buses for the Rose Bowl stadium and its pre-game show. Precision marching routines, a salute to the University of California at Los Angeles (UCLA), the Gopher's opponent in the New Year's Day game, and a pinwheel formation culminating in "The Rouser" will introduce the Minnesota band to the Rose Bowl game crowds.

(MORE)

The band's share of the half-time activities, titled "Our Minnesota", will break from a state-map formation into salutes to such typical Minnesota activities as the State Fair, summer and winter vacations and the Minneapolis Symphony Orchestra. Its finale will be a salute to all universities in the country---two numbers, one dedicated to science saluting the first astronaut to reach the moon, the other, to the humanities with "America the Beautiful" as its theme.

Both the parade and the game will be televised nationally.

After last year's appearance at the Tournament of Roses, the University of Minnesota band received many cards and letters of praise for its performance both from persons in Minnesota and from out of state.

The band, along with the other parade and half-time participation personnel, will leave for Minneapolis on chartered flights immediately after the conclusion of the Rose Bowl game Monday afternoon.

Expenses of the band trip will be paid out of Rose Bowl receipts allotted to the University of Minnesota for its participation in the game through the Big Ten athletic conference.

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CHILD DEVELOPMENT  
PROFESSOR TO  
SPEAK AT 'U'

(FOR IMMEDIATE RELEASE)

Professor Sidney Bijou, of the institute of child development, University of Washington, Seattle, will give an illustrated lecture at 3:30 p.m. Thursday (Jan. 4) in Murphy hall auditorium at the University of Minnesota.

He will speak on "Training Young Children in Conceptualizing Forms: The Shaping of the Investigator's Behavior". The lecture, sponsored by the institute of child development and the department of concerts and lectures, is open to the public.

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'U' CONVOCATION  
TO SHOW  
CZECH FILM

(FOR IMMEDIATE RELEASE)

A first-hand glimpse into the life of Czechoslovakia's people today will be shown in a film, "Czechoslovakia, Torn Between Two Worlds", at a convocation at 11:30 a. m. Thursday, Jan. 4, in Northrop Memorial auditorium at the University of Minnesota.

The film will be presented by its producer, Don Shaw, an attorney with a doctorate degree in education and psychology from the University of Southern California. He began his film career working with Lowell Thomas in 1939, made Navy training films during World War II as a lieutenant commander, and began making travelogues in 1954. Since then, he has traveled over 900,000 miles filming countries all over the world.

Shaw's film of Czechoslovakia is a portrayal of the people and the country as a communist satellite, the only film made of that country since World War II. It travels from Prague, one of Europe's most distinctive cities, to Pilsen, city of motor cars and beer, to the resort areas of Marienbad and Carlsbad. It visits the martyred village of Lidice and a festival at Domazlice.

The Don Shaw program will be the first convocation for the winter quarter. It is sponsored by the department of concerts and lectures and is open to the public.

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'U' ENGINEERING  
HEAD TO DIRECT  
NATIONAL GROUP

(FOR IMMEDIATE RELEASE)

Professor Richard C. Jordan, head of the University of Minnesota mechanical engineering department, has been appointed chairman of the division of engineering and industrial research of the National Academy of Sciences-National Research council, Washington, D. C., effective Jan. 1 for one year.

The organization is a quasi-governmental agency established by President Abraham Lincoln to administer scientific and research programs requested by government, industry or other national groups. As chairman of engineering and industrial research, Professor Jordon will visit Washington two or three times a month to direct one of the agency's most active divisions.

Among the many national engineering research activities and organizations for which his division is responsible are a highway research board, materials advisory board, maritime cargo transportation committee, committee on fire research, advisory board for quartermaster research and development, advisory selection committee for the Fulbright program, and many others.

Recently, the division has undertaken several new-area planning activities including engineering in developing countries and the interrelationship of engineering in the social sciences.

Professor Jordan will succeed A. B. Kinzel, vice president and director of research, Union Carbide corporation, New York city.

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WILSON AWARDS  
COMMITTEE  
MEMBER NAMED

(FOR IMMEDIATE RELEASE)

John D. Hurrell, assistant professor of English at the University of Minnesota, has been appointed a member of a regional selection committee for Woodrow Wilson National Fellowship awards.

Each year, the Woodrow Wilson National Fellowship foundation awards 1,000 fellowships to first-year graduate students, primarily in the humanities and social sciences, to encourage careers in college teaching. Fellows are selected on the basis of outstanding academic achievement.

Members of the Region 10 committee, which includes Iowa, Wisconsin, Minnesota, Manitoba, Saskatchewan and North Dakota, are now reading dossiers of candidates and will meet for interviews with candidates in January.

In addition, the foundation announced today that additional grants totalling \$2,148,000 will be awarded to 84 graduate schools for subsidies of students beyond the first year of graduate school as well as for other purposes such as travel grants, library purchases, fees for visiting lecturers, and grants-in-aid.

The University of Minnesota is expected to receive \$22,000 for this purpose.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE--214 ADM. BLDG.  
MINNEAPOLIS 14, MINNESOTA  
FEderal 2-8158 EXT. 6700  
DECEMBER 29, 1961

LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF DEC. 31--JAN. 7

- Wednesday, Jan. 3 --- Ticket sale starts for 1962 Winter Lecture series on "Chinese Backgrounds" beginning Jan. 24. Tickets must be purchased by mail and are available for the entire series only. Admission, \$12.00; educational admission, \$7.50 (for students, staff and faculty). Write to Lecture Series, 57 Nicholson hall. (For further information, call FE 8-8791, Ext. 47).
- Thursday, Jan. 4 --- "Czechoslovakia, Torn Between Two Worlds!", convocation film lecture by Don Shaw, 11:30 a.m., Northrop Memorial auditorium. Free, open to public.
- Lecture: "Training Young Children in Conceptualizing Forms: The Shaping of the Investigator's Behavior", by Professor Sidney Bijou, University of Washington, Seattle. 3:30 p. m., Murphy hall auditorium. Free, open to public.
- Saturday, Jan. 6 --- Vernon H. Sell, bass-baritone, senior recital. 8:30 p. m., Scott hall auditorium. Free, open to public.
- Sunday, Jan. 7 --- "The Oceans and Our Weather", color and sound film, 3 p. m., Minnesota Museum of Natural History auditorium. Free, open to public.