



● THE CONSOLIDATED FUND DRIVE OPENS OCTOBER 1 ON THE MINNEAPOLIS CAMPUS. CONTRIBUTIONS are made to the United Fund of Hennepin County (serving more than 80 health and social welfare agencies), to the Minnesota Division, Hennepin County Chapter of the American Cancer Society, and to the Minnesota Heart Association through this single annual drive.

Staff members may authorize convenient payroll deductions over a six-month period, according to Sterling B. Garrison, Asst to V Pres (Bus Adm), this year's Consolidated Fund Director. Dr. N. L. Gault, Jr., Asst Dean (Med Adm) is associate director and will succeed Mr. Garrison next year.

Mr. Garrison reports that Staff contributions to the 1961 drive totalled \$52,056.10. Of this amount, \$38,493.54 was given to the United Fund of Hennepin County, \$7,096.64 to the Minnesota Division of the American Cancer Society, and \$6,465.92 to the Minnesota Heart Association, Inc.

● AN EXACT SIZE REPLICA OF TELSTAR, THE COMMUNICATIONS SATELLITE, AND AN UNUSUAL voice-operated computer were only two of the many interesting features which drew the attention of State Fair visitors to the University's exhibit.

The annual exhibit, controlled by the Public Information Council, was located in the center of the Education Building. It highlighted the work of the Department of Electrical Engineering, its many contributions to science and industry, and the distinguished graduates who have been among innovators in the electronics field. A part of the exhibit was devoted to the tie between the University and the state's burgeoning electronics industry. Roy H. Mattson, Assoc Prof (EE), Donald T. Anderson, Assoc Prof (EE), Wesley Grabow, Dir (Aud Vis Ed), and Lawrence H. Catron, Art (Aud Vis Ed) were responsible for the physical details of the display. Graduate students and staff members of the Department of Electrical Engineering were on duty to answer questions concerning the exhibit, the Department, and the University.

● "FREEDOM TO LEARN," SIX PROGRAMS CELEBRATING THE LAND-GRANT CENTENNIAL, WILL BE telecast over KTCA, Channel 2, Thursdays beginning September 27, 9:00 to 9:30 p.m.

Each of the programs was created by a Land-Grant college. The 68 schools in the Land-Grant Association were invited to submit plans for programs showing one of the services Land-Grant institutions can provide. Out of 25 plans received, six were chosen, including that presented by the University of Minnesota. Sheldon Goldstein, Asst Dir (KUOM) wrote and produced the University program which features "The Minnesota Plan for Continuing Education for Women."

The other programs and the schools which produced them are: "Agricultural Extension," University of Georgia; "History of the Land-Grant Tradition," Michigan State University; "Scientific Research," University of California; "Land-Grant Activities Abroad," University of Nebraska; "Current Land-Grant University Philosophy," Colorado State University.

● THE BOARD OF TRUSTEES OF THE MINNESOTA STATE EMPLOYEES RETIREMENT ASSOCIATION (SERA) to which all Civil Service staff members belong, recently announced a program to be presented to the 1963 Legislature.

Long-range planning for financing retirement and the building of a system which will be fair to the State as employer, to the employee, and to the taxpayer over many years are principal points. The Trustees explain that a level of retirement income which is reasonable at a given date may be far from reasonable 20, 30, or 40 years later, but that a reasonable level may be reached if the employee and the state each pay a share of the cost over the entire period of service, since the annual cost is modest. With this system, the taxpayer will not be required to finance deficits which will grow if benefits are authorized without adequate financing, the Trustees' statement explains.

The recommended program calls for employee payments to the Retirement Fund based on total yearly income. This will gradually increase the "average" salary upon which benefits will be based for those employed after July 1, 1957. In determining such an average under the present law, no earnings in excess of \$400 per month can be used.

The broadened investment policy adopted by the Legislature in 1959 and 1961, with the greater diversification of the investment portfolio and its resulting increases in earnings on invested funds, the Trustees feel, should be applied to improve benefits. The Trustees thus suggest the following plan: (1) that the benefit formula for the first 20 years of service be 1% of the "average" salary each year, rather than 5/8 of 1% per year for the first 10 years and 7/8 of 1% per year for the second ten years or fraction; (2) this would provide a benefit equal to 20% of "average" salary after 20 years of service, rather than 15% as in the present law. The system has been called a 6% plan, since the employee and the State each pay 3%. Members would also continue to be covered by Social Security.

The Trustees will also recommend that state-wide elective officials be made members of SERA on an optional basis similar to the provisions applying to state employees under the 1929 law. Such officials could then contribute to the fund and be eligible for retirement benefits under an established plan financed on a current basis.

● AN ORIENTATION COURSE FOR FOREIGN STUDENTS WAS CONDUCTED AUGUST 20-SEPTEMBER 5 on the Minneapolis campus. Sponsored by the Institute of International Education, the course was one of ten held on U.S. campuses.

The 78 participants represented 28 different countries. The largest number from a single country -- eleven -- came from Finland. The four main objectives of the program were (1) to prepare students for academic and administrative procedures in U.S. institutions of higher learning; (2) to give them confidence and facility in their use of English; (3) to help them adjust to the American social environment; and (4) to introduce them to American society and culture.

The foreign students attended seminars from 8:00 a.m. until 3:00 p.m. daily. Topics included such general subjects as American history, educational skills, and problems in American education and such specific subjects as humanities, social science, education and psychology, engineering and science, and home economics -- each relating to a particular field. The seven undergraduates in the group were given special study in college research methods.

All 78 lived at Comstock Hall during their stay. In addition to the classroom schedule, social events including a weekend visit to Alexandria where they were guests in private homes, a picnic at Lake Minnetonka, and a day at the Minnesota State Fair, were planned.

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William L. Nunn, Director Elizabeth Fuller, Editor

Advisory Committee: University Public Information Council

● THE UNIVERSITY OF MINNESOTA HAS HAD A UNIQUE OPPORTUNITY THIS SUMMER TO SERVE the Peace Corps in its program of technical assistance to Pakistan. An intensive 10-week program covering language studies, world affairs, Communism, physical training, health practices, American history, and specific technical studies was provided for 85 volunteers selected by the Peace Corps.

The University was chosen to participate in the program for several reasons, Luther Pickrel, Assoc Prof and Ext Econ Pub Affairs (Ag Ext) and director of the project says. The diversity of the University, the ease with which it could house a large group, and its ready supply of linguists and specialists, about 75 of them with considerable knowledge of Pakistan, made it a good training center. The Ames Library of Southeast Asia and the University's Asian Studies program were other advantages not available at most institutions. The program was entirely financed by the Peace Corps under a cost reimbursal agreement, Dr. Pickrel says. No University or state funds were used.

"Our job," Dr. Pickrel states, "was to develop the abilities of individuals with special skills so they could apply their knowledge to situations on the village level in Pakistan." Each of the trainees was a degree graduate or specialist in some field. "But it is one thing to be a medical technologist in a modern laboratory, and quite another to be one in a primitive village in Pakistan," Dr. Pickrel points out. Language, he says, was one of the most important parts of the program. The four languages of Pakistan are Bengali, Sindhi, Punjabi, and Pushtu. "Individuals literally ate, slept, and washed their clothes in the language of the area to which they may be sent," Dr. Pickrel reports. "Some have approached fluency; some have a lesser command of the language, and all," he says, "will certainly continue to have difficulties. But we have given them the basis." Linguists working with the program say this is the first time these four languages in combination have been taught anywhere in the U.S. University staff members and native Pakistani from the Embassy, the University, and other educational institutions served as linguists and language drill masters.

The participants attended classes on the Minneapolis and St. Paul campuses from 8:00 a.m. until 9:30 p.m. daily, Monday through Saturday. The total hours of study during the 10 weeks was 600 per student. Special language sessions were also held on Sunday evenings and during meals each day.

"These people had to learn a great deal about Pakistan, its people, its culture, customs, and attitudes on everything from political institutions to folk games," Dr. Pickrel says. They also had to learn more about their own country so they would be better able to understand the goals of the Peace Corps. Dr. Pickrel points out that learning about Pakistan is complicated by the fact that the country is divided into two wings separated by nearly a thousand miles of India. The West wing feels itself closely related to the countries of the Middle East, while the East wing considers itself a part of Southeast Asia. The two areas differ widely in topography and climate, too, he says. The volunteers will spend several weeks in Pakistan studying before they are given field assignments. "This period," Dr. Pickrel says, "will help them make the transition, as well as give specific preparation for their job assignments."

Permanent staff members from 30 departments of the University as well as specially qualified guest consultants made up the teaching staff. The 15 area coordinators worked closely with them. The total staff and faculty numbered 160, including all lecturers, teaching assistants, and specialists. The training officer for the project was Turner Oylo, Res Fell (Ag Econ). It was his responsibility to organize the training schedule and to critically evaluate the academic aspects of the program. Dr. Pickrel feels the staff and faculty handled their work well and that "they are doing an excellent and quite remarkable job of self-evaluation."

The final ceremonies for the class will take place September 15. Aziz Ahmed, Pakistan's Ambassador to the U.S., will be on the St. Paul campus to meet the group and participate in its closing activities.

The Peace Corps has asked the University to train a second group of Volunteers. "If we do this," Dr. Pickrel says, "we will find our experience, particularly in organization, of great value."

● INSTITUTES FOR COUNSELORS, JOURNALISTS, TEACHERS OF SCIENCE AND MATHEMATICS, radiation biologists, and ground water engineers on the University's campuses helped swell summer session enrollments to a total of 18,435.

First summer session students numbered 10,459, according to figures released by True E. Pettengill, Rec (Adm and Rec), an increase of 4% over last year. This figure includes 1,040 students registered at Duluth, 142 of them graduate students, and 61 at Morris. This was the first year that a summer program was offered at Morris.

For the second summer session, 7,976 students registered. Mr. Pettengill pointed out that this figure was 5% above last year's enrollment. He observed that this was the ninth consecutive second summer session in which enrollment increased. The University's largest second summer session enrollment was 12,231 in 1947 when so many World War II veterans were on its campuses. This year's attendance included 753 students, 122 in graduate programs, who enrolled at Duluth. There was no second session at Morris.

● THE GENERAL EXTENSION DIVISION HAS ESTABLISHED AN EXPERIMENTAL CENTER AT ROBBINS-  
dale High School and will offer freshman and sophomore level courses on a quarterly basis during this academic year.

Huntington Miller, Assoc Dean (Gen Ext) says that the center represents a definite departure from the long-established policy of offering University evening classes on a regular basis only on the four campuses and at extension centers in downtown-St. Paul and Duluth. He points out that the General Extension Division staff believes there are many citizens in the Northwest suburban area who are not presently served by the Division because of transportation difficulties or work locations. "It is hoped," Dean Miller says, "that the establishment of such a suburban area center will add an appreciable number of new students to the Twin Cities evening class rolls." The Division tries, he points out, to reach as many people in the state as possible with its classes. The future of the new center will depend on the enrollment statistics compiled at the end of the academic year, according to Dean Miller.

● THE NATIONAL SCIENCE FOUNDATION (NSF) HAS GIVEN A \$50,000 GRANT TO THE UNIVERSITY for a proposed new wing for the Minnesota Museum of Natural History. The addition would cost \$560,000. The NSF grant brings the total funds now available for the project to over \$250,000, of which more than \$200,000 has been amassed through private gifts to the Museum.

The University will ask the 1963 Legislature to appropriate an additional \$280,000 which will be matched by the private gifts fund and the NSF grant. The actual appropriation, if approved, would be contingent on the passage in November of Amendment 2 which would allow the state to incur indebtedness beyond its present \$250,000 limit.

● RECIPIENTS OF REGENTS' SCHOLARSHIPS FOR FIRST AND SECOND SUMMER SESSIONS INCLUDED the following: Alvhild Berggren, Psych Nurs Supv (Hosp); Frank Gillis, Prin Lib (Lib); Marjorie Gleason, Sec (Art Dept-Duluth); Carolyn Gottneid, Catalog Lib (Lib); Helen Hopkins, Gen Staff Nurs (Hosp); Lilian Huenhert, Sr Lab Tech (Path); William Kreykes, Sr Lab Tech (Obs and Gyn); Rosemary Kumhera, Sec (Dram Adv Serv); Carol Malmstrom, Sr Clk (Payroll); Nancy J. McDermott, News Rep (U Rel); Judith Meuli, Sr Lab Tech (Med); Susan R. Nelson, Psychometrist (Phys Med and Rehab); Bernice Parks, Lib Asst (Ent); Josephine Pederson, Sr Sec (Plt Serv); Clyde Scroggins, Tech Asst (U Gallery); Marian Sutherland, Sr Lab Tech (Lab Med); Helen Thian, Mus Asst (U Art Gallery); Hubert Thibodeau, Jr Engr (Plt Serv); Marjory Kirwin, Sr Sec (Schl of Phys); Helen Lehmann, Sr Acct Clk (Burs); Edna Shipman, Sr Res Hall Couns (Burntside-Duluth).

Regents' Scholarships are awarded to full time Civil Service staff members. Those attending daytime classes can take time off for them. Application blanks are available in 302 Johnston Hall and may be submitted at any time.



● AT LEAST TWENTY-FIVE UNIVERSITY FACULTY MEMBERS WILL BE LIVING ABROAD DURING THE 1962-63 academic year. Some will be teaching, many will be studying and doing research, and others will be helping to establish new facilities or departments in other universities.

Dr. John L. McKelvey, Prof and Head (Obstet and Gyn) will help organize a complete department of obstetrics and gynecology at the University of Malaya Medical School in Singapore. Werner Levi, Prof (Pol Sci) will help create an international relations center at the University of Hawaii. David K. Berninghausen, Dir and Prof (Lib Schl) will go to Taipei, Taiwan, where he will teach and assist in establishing a new library school at the National Taiwan University. Harry W. Kitts, Prof (Ag Ed) will continue through next year in Bangkok, Thailand, where he is involved in the improvement of agricultural education at Kasetsart University.

J. Campbell Craddock, Assoc Prof (Geol) has plans for exploring the Heritage range of the Ellsworth Mountains as part of a U.S. Antarctica research program. His work is being financed through a National Science Foundation grant and will include a study of the Marlborough district in New Zealand.

Other NSF grants for study abroad have been awarded to four professors for postdoctoral work. George R. Blake, Prof (Soils) will study soils structure at the Agricultural Research Center, Braunschweig-Volkenrode, Germany; Lawrence E. Goodman, Prof (Aero Engr) will investigate contact friction of metals at Cambridge University, England; Maurice M. Kreevoy, Assoc Prof (Org Chem) will be at the University of Oxford, England, studying reactions of elementary mercury with iodine and organic iodides; Edward P. Ney, Prof (Phys) will work on radio astronomical techniques at the University of Sydney, Australia.

Studying in France will be Paul J. Kellogg, Assoc Prof (Phys) who has received a Guggenheim Fellowship for work at the Observatory of Meudon; and Gerhard J. Kalisch, Prof (Math) who plans to study and do research in functional analysis at the University of Paris. During the spring and summer sessions, 1963, Louise A. Stedman, Dir (Schl of Home Ec) will visit several foreign countries and attend the International Home Economics meeting in Paris.

Teaching Sociology at the University of Chile will occupy Roy E. Carter, Jr., Dir (Journ Res). He will return to the University of Minnesota in January, 1963. Pearl C. Niemi, Assoc Prof (Slav and Orient Lang) will study at three institutions: the British Museum in London, the Bibliotheque Nationale in Paris, and the library at the University of Helsinki in Finland. Paul Andersen, Prof (Civ Engr) will spend the fall quarter at the University of Calcutta, India. During the winter and spring quarters, Rupert I. Murrill, Assoc Prof (Anthro) will study primate skeletal remains in Greece and in Kenya.

Six professors have received Fulbright grants. They are May Brodbeck, Prof (Phil) who will attend the Universities of Milan and Turin in Italy; Joseph J. Kwiat, Assoc Prof (Eng) who will go to the University of Innsbruck, Austria; Aram Vartanian, Assoc Prof (French) who is planning to study at the Bibliotheque Nationale in Paris; Ernest R. G. Eckert, Prof and Dir (Thermodyn and Heat Trans) who is going to Stuttgart, Germany; Richard A. Narvaez, Asst Prof (Rom Lang) will be studying at the Instituto Caro y Cuevo and the Centro Andres Bello, Bogota, Columbia; William E. Wright, Assoc Prof (Hist) plans to do research on a historical biography of Joseph II in Austria.

● "PROJECT ENGLISH" HAS BEEN LAUNCHED AT THE UNIVERSITY'S NEWLY ESTABLISHED CENTER to improve English language teaching. The Center, one of four in the nation, is being financed by a five-year, quarter-million-dollar grant from the U.S. Office of Education.

Stanley B. Kegler, Assoc Prof and Head (U High Eng) directs the Center. He is currently working on phase one of the program which is the preparation and evaluation of curricular materials and guides for English language teaching in grades seven through twelve. Two College of Science, Literature, and the Arts professors, Harold B. Allen, Prof (Eng) and Donald K. Smith, Prof and Chmn (Spch and Thtr Arts) are helping Professor Kegler initiate the program.

Ultimately, the Center will use the facilities and personnel of the departments of psychology, anthropology, and philosophy as well as of the English department and departments in the College of Education. "English, humanities, and the social sciences have been somewhat slighted in the national surge towards science and mathematics in this space age," Professor Kegler says. "We shall develop materials which essentially will revise the curriculum in English language study so that a more concentrated emphasis is placed on understanding the language, how its grammar operates, and how it is used in writing."

The five-year program will be in three phases: (1) the planning and development of teaching materials and curriculums, (2) a two-year pilot study involving an introductory seminar for selected area teachers and use of the new materials, and (3) a final research phase during which controlled use of the developed and revised materials is planned. Data accumulated from the research will be used to conduct an analytical survey in the middle of the final phase.

Other Project English centers are located at the University of Nebraska, Carnegie Institute of Technology, and Northwestern University. Results of the project will be released nationally through the U.S. Office of Education for use by educators on the city and state level. Publication of research methods and the materials devised for the Project is planned for 1967.

● THE INSTITUTE OF AGRICULTURE'S INFORMATION SERVICE HAS PRINTED OVER 200,000 bulletins in its two communications series, Harold B. Swanson, Prof and Ed (Info Service) reports. The series, Information Service Bulletins and Communications Bulletins, were started more than five years ago as training helps for county agents.

"Our original idea," says Prof. Swanson, "was to put together enough information on a certain field of communications to aid agents and 4-H club leaders without experience in this particular area." Today, he says, these booklets are being used in classrooms in high schools and colleges and in adult education programs. Many foreign governments have reprinted them in their own languages.

Topics currently in print range from "Ten Steps to More Effective Writing," by Harold Swanson, to "Discussion Traps: Avoid Them!" by Paul H. Cashman, Assoc Prof (Rhet). Most of the booklets were written by Information Service staff members, with a few written by members of other University departments. "When it became apparent that the use of these extended far beyond the initial concept," Prof. Swanson says, "some were added specifically for high school use, others for graduate level courses."

New bulletins depend entirely on the need for them. Staff workers in 4-H work who wanted materials for leader training were provided with *Telling the 4-H Story*, a book edited by Harold Swanson who used several of the bulletins as the basis for this publication. A few have been produced in answer to requests from outside the University.

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● REORGANIZATION OF THE UNIVERSITY'S FUND-RAISING ACTIVITIES WAS RECENTLY APPROVED by the Board of Regents. This is part of the plan, announced early in 1962 by President Wilson, for strengthening the University's development program.

The primary changes being effected with regard to fund-raising are: (1) the establishment of a University Coordinating Council of some 20-30 University staff members; (2) the incorporation of the University of Minnesota Foundation as an independent organization to seek major gifts for projects for which tax funds are not available; (3) the dissolution of the Greater University Fund; (4) the establishment of a Minnesota Alumni Fund to handle the many alumni-sponsored fund-raising projects which were formerly part of the Greater University Fund; and (5) the assignment of other Greater University Fund projects to the Department of University Relations.

The Coordinating Council, the members of which are now being appointed by the President for the coming academic year, will review non-research projects and plans requiring gifts of \$500 or more from outside the University. It will, according to President Wilson, bring together the best development advice available within the University, and it will serve as an intermediary for University project proposers and their potential benefactors or donors. President Wilson will be Council chairman, with Vice President Stanley J. Wenberg (Educ Rel and Dev) as vice chairman and secretary. The Council will work closely with the Graduate Research Center, and in addition it will help to coordinate the work of the University of Minnesota Foundation and other projects with special funds, gifts, and grants, in order to obtain the maximum benefit for the University and its supporters.

The University of Minnesota Foundation will operate under its own Board of Trustees. It is intended to "more effectively develop the University's relationships with major benefactors and with potential benefactors," according to Vice President Wenberg. The Foundation, a non-profit, tax-exempt corporation, is being organized as a completely separate legal entity. It is not under the control or direction of the University or of the Board of Regents, although one-fourth of its trustees will be University Regents or their nominees. At least two-thirds of the board members, according to its proposed by-laws, must be University alumni. The trustees will serve four-year terms, although each will be eligible for successive terms.

In addition to seeking major gifts from carefully selected individuals, corporations, and foundations, the Foundation will manage any gifts, stocks, or other investment properties it receives. It will distribute its funds as it sees fit, considering the needs of the University. The trustees will employ an executive director to conduct the day-to-day administration, Mr. Wenberg points out. The proposed by-laws of the Board of Trustees call for five standing committees: (1) an Executive Committee composed of the president of the Foundation and six trustees; (2) a Distribution Committee made up of seven trustees; (3) an Investment Committee of five members, including the Foundation's treasurer and the Business Vice President of the University; (4) an Auditing Committee, a group of three trustees; and (5) a Nominating Committee of five, including the University's President as chairman. Other committees would be created for specific purposes. President Wilson and the six alumni incorporators will announce the Foundation's Board of Trustees in the near future.

Henry C. Mackall, immediate past chairman of the Board of Trustees of the Greater University Fund and one of the prime forces in the formation of the University of Minnesota Foundation, says, "The Foundation has great promise of serving the ever larger needs of our University. The character of the board and the scope of its independent responsibility will have far-reaching appeal." Mr. Wenberg adds that the Foundation is not expected to become involved in wide-spread public fund-raising activities or campaigns of any sort.

Successor to much of the Greater University Fund will be the Minnesota Alumni Fund, now being formed. It will conduct annual fund-raising campaigns to reach all alumni of the University; it will also work with the special projects sponsored by alumni association clubs, classes, and constituent groups.

Special projects of the Greater University Fund such as the University of Minnesota Memorial Fund and the School of Nursing Foundation are being incorporated into the Department of University Relations in order that necessary promotion and management can be developed for each such special project.

# University of Minnesota Calendar of Events

## OCTOBER, 1962

### MINNEAPOLIS SYMPHONY CONCERTS

#### Subscription Series

*Northrop Auditorium, 8:30 p.m.*

October 12 -- Orchestral  
 October 19 -- Eva Knardahl, pianist  
 October 26 -- Wanda Wilkomirska, violinist  
 (Single tickets \$2.50 to \$4.75. Reservations may be made at 106 Northrop.)†

#### Sunday Symphonies

*Northrop Auditorium, 4:30 p.m.*

October 21 -- Cloyde Williams, clarinetist  
 (Single, general admission tickets, \$1.50; reserved seats \$2. Reservations may be made at 106 Northrop.)†

### UNIVERSITY ARTISTS COURSE CONCERTS

#### Masterpiece Series

*Northrop Auditorium, 8:30 p.m.*

October 8 -- D'Oyly Carte Opera Company presenting *The Gondoliers*.  
 October 30 -- Goldovsky Grand Opera Theater presenting *La Traviata*.

#### Special Concert

*Northrop Auditorium, 8:30 p.m.*

October 9 -- D'Oyly Carte Opera Company presenting *The Mikado*.  
 (Single tickets \$2, \$3, \$3.50, \$4, and \$4.50.)\*

### CONVOCATIONS

*Northrop Auditorium, 11:30 a.m.*  
 (unless otherwise specified)

October 4 -- "The Wire-Tapping-Electronic Eavesdropping Problem" by Prof. Yale Kamisar, University of Minnesota Law School.  
 October 11 -- SLA Day Convocation  
 October 11 -- "Society, Education, and Self-Identity" by Ruth Hill Usee, Michigan State University Department of Sociology and Anthropology.  
 October 18 -- Frans Reynders, pantomimist.  
 October 24 -- Special United Nations Day Convocation, "The United Nations in the Atomic Age" by Frank Graham, United Nations Representative in India and Pakistan. (Wednesday, 8 p.m.)

### SPECIAL LECTURES

October 10 -- "Education for Democracy in West Germany" by Walter Stahl, Executive Director of the "Atlantik-Bruecke" in Hamburg, Germany, 3:30 p.m., Murphy Hall.

October 10 -- "Modoc Anthropological Excavations in Illinois." Film program narrated by Milton D. Thompson, Assistant Director of the Illinois State Museum at Springfield, 3:30 p.m., Museum of Natural History Auditorium.  
 October 11 -- Sixteenth Newspaper Guild Memorial Lecture by John Fischer, editor of *Harper's Magazine*, 8:30 p.m., Museum of Natural History.

### UNIVERSITY TELECASTS

Seen on Channel 2, KTCA-TV

Monday, 9 p.m. -- "At Home with Music"  
 Monday, 9:30 p.m. -- "World Affairs" with George Grim.  
 Tuesday, 9 p.m. -- "Medieval Civilization" with Prof. Robert S. Hoyt, Department of History.  
 Wednesday, 9 p.m. -- "Thesis Report" with William S. Howell, Professor of Speech and Theater Arts, and guests.  
 Wednesday, 9:30 p.m. -- "Economists' Holiday" with Prof. John A. Buttrick, Chairman of the Department of Economics, and other members of the Department.  
 Thursday, 9 p.m. -- "Freedom to Learn," a National Educational Television series commemorating the Land-Grant Centennial.  
 Thursday, 9:30 p.m. -- "Town and Country" with Ray Wolf, Associate Professor and Information Specialist, Department of Agricultural Extension.  
 Friday, 9 p.m. -- "The Education of an American" with Timothy Smith, Associate Professor of Education and History.

### UNIVERSITY THEATER PRODUCTION

Young People's Theater

*Scott Hall Auditorium*

October 13, 10:30 a.m., 3:30 p.m.; October 14, 3:30 p.m. -- *Rumpelstiltskin*.  
 (Single tickets 50¢ on sale at Scott Hall Box Office.)

### SIGNIFICANT UNIVERSITY BROADCASTS

KUOM, 770 on the dial

Thursday, 1:30 p.m. -- University of Minnesota Convocations.  
 Tuesday, 4 p.m. -- "Folio," a weekly look at people, places, and ideas at the University.  
 Saturday, 4 p.m. -- Minnesota Theatre of the Air.  
 October 6 -- "Dr. Faustus" by Marlowe.  
 October 13 -- "All the King's Men" by Robert Penn Warren.  
 October 20 -- "Three Sisters" by Anton Chekhov.  
 October 27 -- "Level 7" by Mordecai Roshwald.

### MUSIC DEPARTMENT PROGRAMS

*Northrop Auditorium, 8:30 p.m.*

October 5 -- Bernard Weiser recital

#### Music Hour

*Scott Hall Auditorium, 11:30 a.m.*

Tuesdays, presenting recitals, lectures, programs by faculty, students, guests.

### UNIVERSITY GALLERY EXHIBITIONS

October 14 through October 26 -- Paintings by Eilshemius  
 Through October 25 -- David Park, 1911-1960  
 Through October 25 -- Hassel Smith  
 Through October 25 -- Bruce Shobaken (Monday-Friday, 8:30 a.m.-4:30 p.m.; Sundays, October 7, 14, 2-5 p.m.)

### UNIVERSITY OF MINNESOTA PRESS PUBLICATIONS

October Publications

*THE QUEST FOR EASTERN CHRISTIANS* by Francis M. Rogers, \$4.75  
*JOHN DOS PASSOS* by Robert Gorham Davis. (University of Minnesota Pamphlets on American Writers No. 20) 65¢  
*NATHANIEL WEST* by Stanley Edgar Hyman. (University of Minnesota Pamphlets on American Writers No. 21) 65¢  
*RECENT AMERICAN NOVELISTS* by Jack Ludwig. (University of Minnesota Pamphlets on American Writers No. 22) 65¢  
*NATHANIEL HAWTHORNE* by Hyatt H. Waggoner. (University of Minnesota Pamphlets on American Writers No. 23) 65¢

### ATHLETIC DEPARTMENT EVENTS

Home Football Games

*Memorial Stadium, 1:30 p.m.*

October 6 -- Navy  
 October 13 -- Northwestern  
 October 20 -- Illinois  
 (Single tickets \$4.50. Over-the-counter sale of any unsold tickets begins the Monday before each game at 109 Cooke Hall.)

Cross Country

*Nokomis Park, 10:30 a.m.*

October 13 -- Northwestern

(No charge for admission)

\*Tickets for these events are available at the Field Schlick Ticket Office, St. Paul, and the Downtown Ticket Office, 188 Northwestern Bank Building, Minneapolis, on Monday of the week prior to the performance.

†Tickets for these events are available at Dayton's in Minneapolis and St. Paul, and at Field Schlick in St. Paul.





● ENROLLMENT FIGURES FOR ALL FOUR CAMPUSES OF THE UNIVERSITY WERE ANNOUNCED Monday, October 8, 1962, by True E. Pettengill, Recorder (Admis and Rec). A total of 33,616 fully matriculated students who are candidates for degrees have enrolled in fall quarter classes; this is an increase of 2,770 over last year's high of 30,846 at this same time. In addition, Pettengill states that the General Extension Division's enrollment is up to 12,233, an increase of 949 students over last fall's record of 11,284.

This fall, 29,942 students are attending the University on the Minneapolis and St. Paul campuses, 3,152 at Duluth, and 522 at Morris where a junior class was added this year. The largest individual college enrollment is in the College of Science, Literature, and the Arts with 10,720 students enrolled.

● THE REGULAR ENROLLMENT PERIOD FOR MEMBERSHIP IN BLUE CROSS AND MII MEDICAL-Surgical-Obstetrical plans is scheduled each year from September 1 through September 30. (Applications or additions to present coverages made during the past annual period became effective October 15, 1962.) Persons who enrolled at this time, as well as new appointees and staff members who join within 30 days of the date of their employment, need not complete a "Statement of Health History," according to Ray F. Archer, Dir (Insur and Ret). Applications may be accepted, Mr. Archer adds, at other times of the year, but these applicants will be required to complete the health history form.

Staff eligibility for membership in either of the programs is determined by employment at the University for a minimum of 25 per cent of the normal work period. The Department of Insurance and Retirement, 217 Morrill Hall, 373-2115, is the agency through which all University applications must be processed and to which cases of exception in membership qualification should be referred.

● DONORS AND THOSE WITH SPECIAL INTERESTS HAVE BEEN INVITED TO THE CEDAR CREEK Forest Natural History Area on Sunday, October 21. There Arthur N. Wilcox, Prof (Hort), first director of the project, will be honored for his long and dedicated service to the Cedar Creek project. Guided tours of the area are planned following the program.

The Cedar Creek project, located in Anoka and Isanti counties, is a unique outdoor laboratory dedicated to research and education in natural history. Begun in 1942 as a joint undertaking of the Minnesota Academy of Science (which had been interested in the idea since 1939) and the University of Minnesota, the Cedar Creek area now encompasses some 4,300 acres located 30 miles north of the University, and provides a rare meeting place of several types of vegetation. Within the preserve, one can find the deciduous forest belt of Minnesota, the surviving southernmost outpost of the Canadian type of forest, many swamps, lakes, open meadows, and clearings of prairie growth. Mammals and birds inhabit the area in abundance.

Administered by the Graduate School through William H. Marshall, Prof (Ent and Econ Zool), the newly appointed director, and an advisory committee representing the

University and the Academy, this project is neither a conservation program nor a recreational site. It is an area permanently dedicated to the scientific study of plant and animal life and to the education of scientists in the field of natural history.

Donations of money and land from scores of individuals and many groups over the years have helped to develop and sustain this project. The inspiring dedication of these donors to the ideals of the project and belief in its objectives was given welcome support in 1954 when the Max C. Fleischmann Foundation of Nevada, responding with a generous grant of \$250,000 to the University, made possible the acquisition of additional land and the construction of a headquarters-laboratory.

● THE LOUIS W. AND MAUD HILL FAMILY FOUNDATION REPORTS THAT A TOTAL OF \$352,347 was granted to support programs at the University of Minnesota during the fiscal year 1961-62. Foundation commitments during the period totalled \$1,463,576.

The largest single sum given for a University project by the Foundation was \$90,000 for a five-year study directed to the teaching of a course in the principles of physiology for upperclassmen in the Institute of Technology. The Foundation reports that this study is the only new one in the field of natural science that was granted support during the year.

● AMENDMENT NO. 2: STUDENTS AND STAFF MEMBERS WILL PARTICIPATE IN PROGRAMS TO publicize its importance. Approximately 200 students on the Minneapolis-St. Paul campus are taking part in a program sponsored by the Minnesota Student Association's Legislative Affairs Commission, according to Bob Wessels, chairman. Students will make a house-to-house canvas of the Twin City area the week prior to voting day, November 6. They will distribute posters and banners in the downtown business areas, write letters to metropolitan and hometown newspapers, dispatch public service tapes to 45 radio stations throughout Minnesota, and provide a baby-sitting service for voters on election day. MSA is also sponsoring student debates, and is encouraging faculty members to devote several minutes of class time, where appropriate, to discussing the amendment.

During the past month, campus activities highlighted Amendment No. 2: (1) homecoming floats liberally advertised it (Students will take the special Amendment No. 2 float on a state-wide tour the week before election.); (2) the main event of the MSA campaign, Amendment No. 2 Day, Minneapolis-St. Paul campus, Thursday, October 11, brought bi-partisan speeches in favor of the amendment from DFL congressional candidate Donald Fraser and Republican State Treasurer Val Bjornson. Bumper stickers supporting the amendment were given to all persons using University parking lots the day before Amendment No. 2 Day.

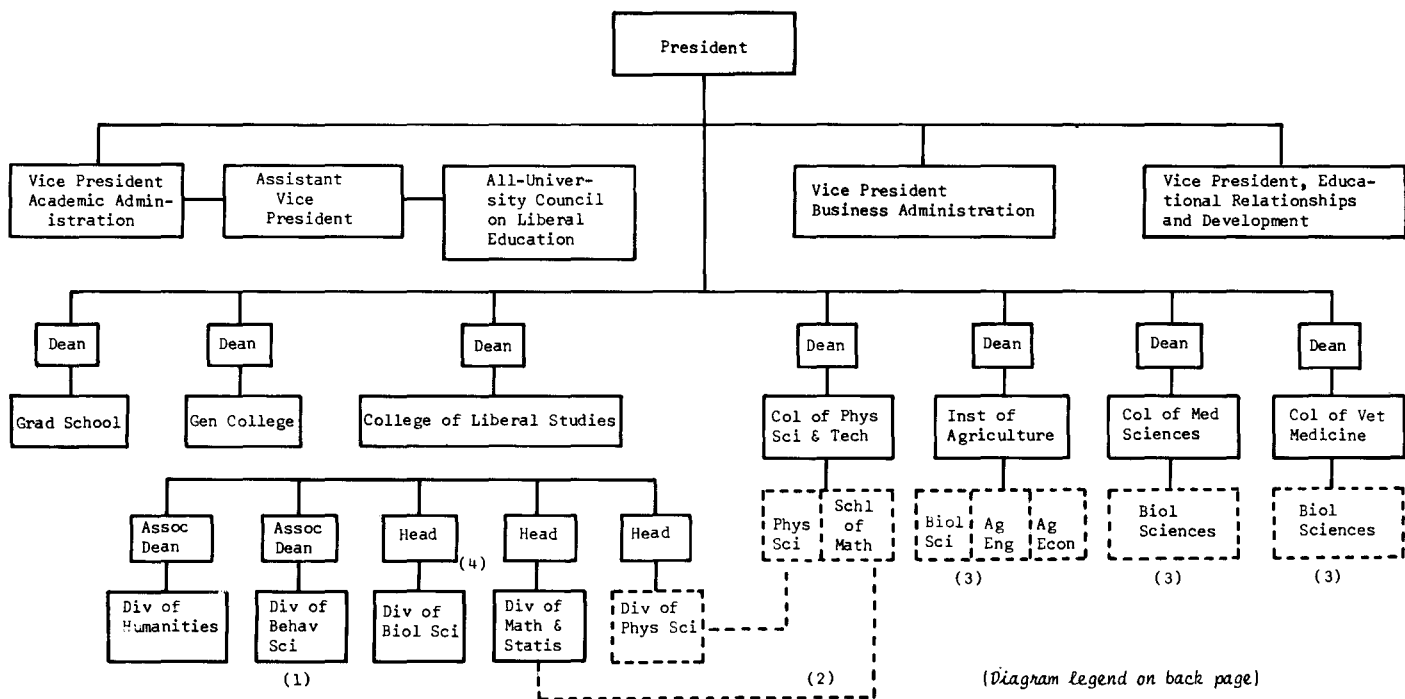
In addition to the MSA activity, active Amendment No. 2 programs are being sponsored by University groups on the Duluth and Morris campuses. Staff, student, and alumni support of Amendment No. 2 has been urged by the Board of Regents who join with an impressive number of civic, business, educational, political, and professional organizations in its endorsement. In addition, a letter to staff members earlier this month from Stanley J. Wenberg, V Pres (Educ Rel and Dev) and Chairman of the University of Minnesota Amendment No. 2 Committee, stressed the need to make the general public more aware of its importance. Members of the Faculty Women's Club are accomplishing this throughout the Twin City area by an Amendment No. 2 telephone campaign to non-University friends and neighbors.

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William L. Nunn, Director Nancy McDermott, Editor

Advisory Committee: University Public Information Council



● THE REPORT ON UNIVERSITY REORGANIZATION, PREPARED BY THE COMMITTEE ON Education of the University Senate and adopted by that body in June, 1962, was recommended to the Board of Regents by President O. Meredith Wilson at a meeting, September 28, 1962. The Board approved it in principle, and also voted the immediate transfer of the departments of astronomy and geology from the College of Science, Literature, and the Arts to the Institute of Technology, effective October 1, 1962.

According to Malcolm M. Willey, V Pres (Acad Adm) it is essential that this plan go into effect as a complete unit, the time schedule for its implementation now set for the beginning of the academic year 1963-64. Intermediate steps to be taken before implementation include: (1) the appointment of an assistant vice president for liberal education who will be a key figure in the operation of the program, (2) the selection of members who will serve on the All-University Council on Liberal Education, and (3) the decision as to the location of departments in the College of Science, Literature, and the Arts within the divisional structure of the College of Liberal Studies.

Subjects for further discussion are: (1) the location of the Department of Economics now situated in the School of Business Administration, (2) the divisional placement in the College of Liberal Studies of three professional schools (the School of Journalism, the School of Social Work, and the School of Library Science) now located in SLA, and (3) the future organizational and administrative relationships of the biological sciences.

In addition, future reorganization plans call for the creation of a School of Earth Sciences in the Institute of Technology. This will include the Department of Geology and Geophysics, the Minnesota Geological Survey, and the Limnological Research Center. Other changes involving internal structure and a prospective change in college name will be considered by the IT faculty for presentation to the President and the Board of Regents.

The task of studying organizational problems was referred to the Senate Committee on Education by President Wilson in the fall of 1960, and under the chairmanships of Lloyd M. Short, Prof (Pol Sci) (1960-61) and E. Adamson Hoebel, Prof and Chm (Anthro) (1961-62), the committee spent two years discussing and formulating the proposal. The final report and its recommendations were drafted by a sub-committee headed by Donald K. Smith, Prof and Chm (Spch and Thtr Arts).

Of primary consideration in formulating the plan was the fact that a large number of basic science departments of the University were, or wanted to be, located in units other than the liberal arts college. This led to doubt that the faculty of the arts college was representative of all the major basic disciplines essential to a liberal education.

Of equal importance was the question of the University's responsibility to assign a common meaning to the bachelor's degree. At present, each individual college holds autonomous control over degree requirements. In the future, the proposed All-University Council on Liberal Education will establish basic minimum requirements for all students receiving bachelors' degrees from the University. These requirements will be defined by the Council, which will be headed by the assistant vice president who will be located in the office of the Academic Vice President.

"Basically, this part of the reorganization is designed to assure that every student receiving a bachelor's degree will have a sound liberal background," says Professor Hoebel, "regardless of the technical or vocational program he may be pursuing. It is our desire that the undergraduate be a liberally educated person, in the truest sense of the word."

The College of Liberal Studies will have exclusive responsibility for defining and granting the B.A. degree, subject to the floor requirements of the All-University Council on Liberal Education. Divisions that will be located budgetarily within the new college include humanities, behavioral sciences, and biological sciences, with humanities and behavioral sciences administrated by associate deans. The future location of most departments now in SLA is obvious; however, several major departments such as history, anthropology, and philosophy will have to make a choice of the division in which they will hold primary membership. Departments having strong affiliations with more than one division may, however, be represented in two or more divisions.

Functionally, the College of Liberal Studies will include some departments administratively located in the Institute of Technology. The Division of Mathematics and Statistics will include, in addition to the SLA Department of Mathematics and Statistics, the IT Department of Mathematics. The Division of Physical Sciences will include those departments in the Institute of Technology which offer majors leading to the B.A. degree. The idea of "dual citizenship" for faculty members in those departments serving separate colleges which share common subject matters or ways of approaching knowledge will help to strengthen the over-all unity of the University, it is generally agreed.

An item for further study which presently lies outside the scope of the committee's report is President Wilson's proposal to make more effective use of the St. Paul campus by providing undergraduate instruction for students whether or not they are registered in the College of Agriculture, Forestry, and Home Economics. Anticipating future increases in student enrollment, it is hoped that many freshmen and sophomore undergraduate courses can eventually be scheduled here.

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- (1) The name of the Division of Behavioral Sciences is not yet confirmed.
  - (2) The dotted lines indicate the interrelationship of these departments within the College of Liberal Studies and the reorganized Institute of Technology.
  - (3) The dotted lines around the Institute of Agriculture, the College of Medical Sciences, and the College of Veterinary Medicine indicate the budgetary presence in these units of departments and faculty interacting with the concerns of divisions or departments in other colleges.
  - (4) The Division of Biological Sciences will be administrated by a head rather than an associate dean as amended to the committee's report.



● THE DATA PROCESSING CENTER IS NOW IN ITS NEW QUARTERS UNDERGROUND, BETWEEN THE Physics building and Morrill hall (Administration building). Twenty-two staff members moved into the 7,000 square foot structure on October 12, according to Ralph Willard, Mgr (Data Proc Cen), along with all business office records and equipment and mechanical portions of payroll and accounting.

Except for a few details now being worked on, the Center is almost entirely completed, Willard said. The Center will soon acquire a new IBM 1410 data processing system which will be ready for use by the end of November. The new system will take over jobs such as payroll, which is currently being done on punch card equipment. After final tests in December, Willard hopes to convert to the new system on January 1. This will make additional space available to the Department of Admissions and Records so that its records can also be moved to the new Center.

● FORTY YEARS OF SERVICE TO THE UNIVERSITY WERE RECOGNIZED BY FRIENDS, ASSOCIATES and students of J. William Buchta when they honored him at a dinner and reception October 23 in the Campus Club.

Buchta, who retired from the University in September as professor of physics and associate dean of SLA, has joined the staff of the American Association of Physics Teachers as executive secretary and editor of the Association's new journal, *The American Physics Teacher*. He will move to Washington, D. C., late in November.

Dean Buchta joined the University physics department staff in 1922. He became a professor in 1938, assistant dean of SLA in 1945 and associate dean in 1953. For many years, he also served as chairman of the University College Committee.

A gold-and-white bound volume of letters from persons all over the country was presented to Dean and Mrs. Buchta in memory of the occasion. Contributors included Mayor Arthur Naftalin and former University Presidents James Lewis Morrill and Guy Stanton Ford.

● THE INTERCOLLEGIATE CONFERENCE, AT ITS MEETING IN CHICAGO ON SEPTEMBER 17, 1962, approved a motion clearly prohibiting any participation by the University of Minnesota in the 1963 Rose Bowl game. The motion states, in part, that "the regulations governing the Rose Bowl participation prohibit the appearance of Minnesota in the 1963 Rose Bowl game and is in accord with the action of May 10, 1962, taken by the University of Minnesota Senate Committee on Intercollegiate Athletics." The Senate Committee's action at that time supported the principle that no member of the Big Ten should represent the Conference in successive years and disqualified the University of Minnesota from participation in 1963.

● THE 1962-63 STUDENT-STAFF DIRECTORY WILL BE READY ABOUT NOVEMBER 18. COPIES WILL be distributed to faculty and staff members, one copy for each telephone (with others available upon request). The directories will also be available at dormitories and Coffman Memorial Union.

● AN INTENSIVE STUDY OF THE UNIVERSITY'S INVOLVEMENT IN INTERNATIONAL EDUCATION IS underway in an effort to organize and coordinate the present many-sided program and to plan for future expansion.

Foreign students -- One of the major facets of the University's international program is its education of foreign students. Last year, 1,309 nationals from 78 countries were at the University, according to figures for fall quarter. Of that number, 1,039 were students, including 841 graduate students, 167 undergraduates and 31 adult specials. The remaining 270 were faculty members, honorary fellows, practical trainees or in other special categories.

The University's foreign student enrollment last year was 2.7 per cent of its total enrollment, ranking it eighth among American educational institutions.

Statistically speaking, the average age of the foreign student at the University is 28; five out of six are male; 50 per cent are married. India led the enrollment last year with 177 students; China was second with 145. The largest percentage of students -- 36 per cent -- were enrolled in the physical sciences, with civil engineering the most popular course of study. Average stay of each student is three to four years; some stay as long as seven or eight years.

Although there are several special programs at the University (most of them privately sponsored) which aid foreign students financially, the majority of the students are self-supporting, Moore said. He estimates that 80 per cent are either working or drawing funds from home.

Study abroad programs -- The University has few formal programs for study abroad by University students. Only two exchange programs exist -- both supported by the Minnesota Students Association with grants-in-aid from fraternities, sororities, the Social Service Council and the Tozer Foundation. One program is with the Free University of Berlin, where two Minnesota students are studying this year; the other is with Osmania University, Hyderabad, India, which has one Minnesota student.

Certain University departments send groups abroad each summer for study at the student's own expense, and a small number of students win scholarships and fellowships for foreign study. The most well-known and successful program for study overseas, however, is SPAN -- Student Project for Amity among Nations -- which originated at the University in 1946 and now includes 10 other Minnesota colleges. Every summer about 50 selected students travel to the countries of their choice for individual research and study. SPAN normally provides about half the cost of the trip through its scholarship fund.

"Without question, SPAN is one of the four or five best study-abroad programs in the country," Mitchell V. Charnley, Prof and Asst Dean (Journ), and administrative official for SPAN, believes. The program is of "enormous advantage" to students, Charnley said, because of the long, rigorous and intensive preparation required and the genuinely independent study for which the student is responsible. The program earns 12 quarter credits.

Faculty training and travel--here and abroad -- Figures recently compiled by Tracy F. Tyler, Asst to V. Pres (Acad Adm), show that in a period of about 28 months ending September, 1962, a total of 528 faculty members were granted leaves of absence to go abroad as consultants and lecturers, for study or research or to attend scholarly and scientific meetings. Their work ranged all the way from studying mural art in Mexico to a geological expedition in Antarctica, from serving as consultants in library science in Formosa or public recreation programs in Borneo to doing research on environmental sanitation or nuclear physics in the Far East.

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William L. Nunn, Director Bayle Z. Greenberg, Editor

Advisory Committee: University Public Information Council

On the other hand, the University plays host each year to large numbers of foreign visitors as well. From 1954 to 1961, 931 foreign specialists from 77 countries came to the University for special training in the agricultural sciences, under a contract with the United States State Department's Agency for International Development (AID). Last January, the University signed a new contract with the federal government which will cover training of foreign specialists in almost every field, Tyler said.

Tyler has served for the past eight years as campus coordinator of the Minnesota/Seoul National University Cooperative Project -- largest program of this nature ever financed by the United States government. The project, which ended June 30, was aimed at the development and rehabilitation of Seoul National University in certain specified colleges. The University sent 59 advisors to Korea including 38 from its own faculty and staff; in turn, 226 faculty members and government officials came to the University from Korea for study, many for advanced degrees.

While the Korean contract is probably the most ambitious project of this kind ever undertaken by the University, there are other smaller yet highly important endeavors. The University is one of the charter members of the American Institute of Indian Studies, incorporated last year by a group of American universities, with headquarters in Poona, India. Its purpose is to provide scholarships for American scholars and graduate students for up to a year of study in India.

The University also has another contract with the United States government under Public Law 480 for funds to develop a chair in American Literature or Studies at the University of Osmania. Last summer, Jay Gurian, Inst (Eng), went to Hyderabad with his family to carry forward a program of lectures and seminars and to plan for further steps in the program. The University is also sharing a \$1 million Ford Foundation grant with five other universities, awarded in August, 1962, to promote faculty exchanges with Latin America.

The University's recent training of Peace Corps volunteers for technical assistance to Pakistan is another of its many involvements in international education. Last summer, an intensive 10-week program was provided to 85 Peace Corps volunteers; a second group is presently being trained on the St. Paul campus.

Curriculum -- Much of the study now being done on the University's international education program is centered on its curriculum of instruction and research.

A committee was appointed last spring by President O. Meredith Wilson to consider suggestions from colleges, departments and individual persons concerning the expansion, reorientation and coordination of the University's international program. Headed by Charles H. McLaughlin, Chm (Int Rel Cent), the committee meets weekly and will turn over its final recommendations to Philip M. Raup, Prof (Ag Econ), who will draft a coordinated proposal for the expansion of the program.

The Ford Foundation has invited the University to submit such a proposal, McLaughlin said, with the possibility that support funds may be granted to finance an expanded program.

His committee is beginning to get a "real flood of proposals" and hopes to wind up its work this quarter and to have something to offer the Ford Foundation after the holidays, McLaughlin said.

The University has well developed programs in East and South Asia studies -- the former being a consistently strong program for many years, McLaughlin said. He attributed the promising development of the South Asia program to support from the Hill Foundation and acquisition of the Ames Library. McLaughlin said the University has "so much strength and diversity in the European area that we haven't pulled together as to what we want to do."

Area programs actually attract only a small student clientele, McLaughlin said, mostly those students going into government service. He said his committee is considering many ways in which the area programs can serve a larger number of students.

# University of Minnesota Calendar of Events

## NOVEMBER, 1962

### MINNEAPOLIS SYMPHONY CONCERTS

Friday Subscription Series

*Northrop Auditorium, 8:30 p.m.*

November 2 -- Nikita Magaloff, pianist  
 November 16 -- Byron Janis, pianist  
 November 23 -- Robert Casadesus, pianist  
 November 30 -- Orchestral Program, Stanislaw Skrowaczewski conducting  
 (Single tickets \$2.50 to \$4.75)†

Sunday Symphony Series

*Northrop Auditorium, 4:30 p.m.*

November 11 -- Theodore Lettvin, pianist  
 November 25 -- Abbott Lee Ruskin, pianist  
 (Single tickets: \$2 reserved seats; \$1.50 unreserved seats)\*

Special Concert

*Northrop Auditorium, 8:30 p.m.*

November 10 -- Birgit Nilsson, soprano of the Metropolitan Opera  
 (Tickets \$3 to \$6) †

### UNIVERSITY ARTISTS COURSE

Masterpiece Series

*Northrop Auditorium, 8:30 p.m.*

November 12 -- Richard Tucker, Metropolitan Opera tenor  
 (Single tickets \$2, \$2.50, \$3, \$3.50, \$4)\*

Celebrity Series

*Northrop Auditorium, 8:30 p.m.*

November 7 -- Rapsodia Romina, Roumanian Folk Songs and Dances with Orchestra  
 (Single tickets \$2, \$2.50, \$3, \$3.50, \$4)\*

Special Concert

*Northrop Auditorium, 8:30 p.m.*

November 3 -- Miriam Makeba, South African Folk Singer, with the Tarrriers  
 (Single tickets \$2, \$2.50, \$3, \$3.50, \$4)\*

### MUSIC DEPARTMENT PROGRAMS

*Northrop Auditorium, 8:30 p.m.*

November 9 -- Heinrich Fleischer, organ recital  
 November 27 -- University Symphony Orchestra  
 December 2 -- Miles Mauney, piano recital

\*Tickets for these events are available at 105 Northrop Auditorium; Downtown Ticket Office, 188 Northwestern Bank Building, Minneapolis; Field-Schlick, St. Paul and Highland Village.

\*\*Tickets for these events are available at Field-Schlick, St. Paul; Downtown ticket office, Minneapolis; Dayton's, Minneapolis and St. Paul; and The Hub, Richfield.

† Tickets available for all concerts at Symphony Ticket Office, 106 Northrop Auditorium; Dayton's, Minneapolis and St. Paul, where tickets may be charged to regular accounts; Field-Schlick, St. Paul and Highland Village.

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### CONVOCATIONS

*Northrop Auditorium, 11:30 a.m.*  
 (unless otherwise specified)

November 1 -- "From Hong Kong to the Vale of Kashmir," color film narrated by Curt Matson.

November 7 -- "Is There a Solution to the Farm Problem?", by O. B. Jesness, Emeritus Professor and former Head of Department of Agricultural Economics, 10 a.m., North Star Ballroom, Student Union, St. Paul campus.

November 8 -- "Israel," color film narrated by Bettina Shaw.

November 15 -- "Democracy Versus Dictatorship--America and Germany in World War II," by Harold C. Deutsch, Chairman, History department.

November 28 -- Student Assembly for Football Awards, Main Ballroom, Coffman Memorial Union.

November 29 -- Minneapolis Symphony Orchestra in rehearsal, Stanislaw Skrowaczewski, Music Director.

### SPECIAL LECTURES

November 5 -- "Along the Maeander Valley," by Kenan T. Erim, Professor of Classics, New York University, 8:30 p.m., Museum of Natural History Auditorium.

November 9 -- "The Mechanics of Leonardo da Vinci," by Clifford Truesdell, Professor of Rational Mechanics, John Hopkins University, Baltimore, Md., 8 p.m., Murphy Hall Auditorium.

November 28 -- C. A. Doxiadis, Architect and Planner, Athens Technological Institute, Athens, Greece, 8:15 p.m., Northrop Auditorium.

November 29 -- Professor B. F. Skinner, Harvard University, 8:30 p.m., Mayo Memorial Auditorium.

### MUSEUM SUNDAY PROGRAMS

*Museum of Natural History Auditorium*  
 3 p.m.

November 4 -- "Progress at the Landscape Arboretum," by Professor Leon C. Snyder, head of Horticulture department.

November 11 -- "University of Minnesota Archeological Explorations in Greece," by William A. McDonald, Classics professor.

November 18 -- "Birds of the Scottish Highlands," color sound film.

November 25 -- "Water Famine," color sound film.

### SPECIAL CONCERT

*Museum of Natural History Auditorium*  
 8 p.m.

November 19 -- A Program of Eighteenth Century Chamber Music by The Baroque Ensemble, with commentary by Thomas Nee

### UNIVERSITY THEATER PRODUCTIONS

Regular Production

*Scott Hall Auditorium*

November 1, 2, 8 p.m.; November 3, 7 and 10 p.m.; November 6, 3:30 p.m.; November 7, 8, 9, 8 p.m.; November 10, 7 and 10 p.m.; November 11, 3:30 p.m. -- *The Rose Tattoo* by Tennessee Williams.  
 (Single tickets \$1.75 on sale at the Scott Hall Box Office.)\*

Studio Production

*Studio Theater, Scott Hall*

November 14, 15, 16, 17 - 8 p.m.; November 18, 3:30 p.m. -- *La Belle Helene* by Henri Meihac and Ludovic Halevy, music by Offenbach (English version by Warren Pepperdine).  
 (Single tickets \$1 on sale at the Scott Hall Box Office.)

*Scott Hall Auditorium*

November 22, 23, 8 p.m.; November 24, 7 and 10 p.m.; November 27, 3:30 p.m.; November 28, 29, 30, 8 p.m.; December 1, 7 and 10 p.m.; December 2, 3:30 p.m. -- *The Sheep Well* by Lope de Vega  
 (Single tickets \$1.75 on sale at the Scott Hall Box Office.)\*

### UNIVERSITY GALLERY EXHIBITIONS

November 6 to December 2 -- Josephine Lutz Rollins: Major Retrospective  
 (Opening: Tuesday, November 6, 2:30-4:30 p.m.)  
 (Monday-Friday, 8:30 a.m.-4:30 p.m.; Sundays, November 4 and 18, 2-5 p.m.)  
 Permanent collection also on view.

### ATHLETIC DEPARTMENT EVENTS

Home Football Games

*Memorial Stadium, 1:30 p.m.*

November 10 -- Iowa  
 November 17 -- Purdue (Dad's Day)  
 (Single tickets \$4.50. Over-the-counter sale of any unsold tickets begins the Monday before each game at 109 Cooke Hall.)

Varsity Preview

*Williams Arena*

November 20 -- 6:45 p.m. Hockey  
 November 20 -- 8:15 p.m. Basketball  
 (No admission charge)

Hockey

*Williams Arena, 8 p.m.*

November 23 -- Alumni  
 (Single reserved seat tickets, \$1.75; children under 16, \$1.00)





● AS WE GO TO PRESS, IT SEEMS THAT THE VICTORY OF AMENDMENT NO. 2 IS ASSURED.

This immediately releases \$7,500,000 for the University, representing the major portion of the 1961 Legislature's appropriation to the University for buildings, land, remodeling and rehabilitation. The sum is part of a total \$30 million building appropriation for all state institutions for the 1961-63 biennium.

On the Minneapolis campus, the money will finance construction of a science classroom building on the east bank and additions to the physics and electrical engineering buildings. It has also been designated for general rehabilitation of the chemistry building and University hospitals, rehabilitation and remodeling of Jackson Hall, completion of rehabilitation in Burton Hall, including installation of an elevator, additional rehabilitation and remodeling of Wulling Hall, installation of an additional elevator in the Mayo building and replacing boiler and auxiliaries in the heating plant.

On the St. Paul campus, the legislative building appropriation authorizes completion of a forest products laboratory, the addition of two floors to the veterinary medicine building, completion of the basement in the veterinary basic science building, rehabilitation and remodeling of the home economics building and Green Hall, and utilities, storm sewers, sanitary sewers and water mains.

The Duluth campus will get a new general classroom and home economics building, an addition to the humanities building and funds for campus drainage, general landscaping and campus improvement. The appropriation also includes building funds for the Northwest School and Experiment Station at Crookston, the Experiment Stations at Duluth and Rosemount, and the Itasca Forestry and Biological Station.

● THE CONSOLIDATED FUND DRIVE ON THE MINNEAPOLIS CAMPUS WENT "OVER THE TOP" IN

meeting both its United Fund quota and the goal set for the entire drive, Sterling B. Garrison, Asst to V Pres (Bus Adm), Consolidated Fund Director, reports. Thus far, \$78,459.74 has been received, including \$59,190.77 for the United Fund, \$10,185.67 for the American Cancer Society and \$9,083.30 for the Minnesota Heart Association. This year's collection is 101.6 per cent over the Drive's total quota of \$77,195 and marks the first time the University has exceeded the quota set by the United Fund, which this year was \$58,500. Figures are expected to go even higher, Mr. Garrison said, because contributions are still coming in and several hundred cards have not yet been turned in.

Last year's total collection on the Minneapolis campus was \$70,943.63, with \$54,111.83 going to the United Fund, \$8,818.75 to the American Cancer Society and \$8,013.05 to the Minnesota Heart Association.

The St. Paul campus United Fund Drive ended with 98.2 per cent of its quota reached, a five per cent increase over last year. R. Paul Marvin, Asst Prof (Ag Ed) and Jesse B. Williams, Prof (Dairy Husb), co-chairmen of the Drive, reported that \$13,492.95 was presented to the Ramsey County United Fund.

The Minneapolis and St. Paul campus chairmen emphasized their appreciation to both workers and donors for the success of the drives.

● A NEW APPROACH TO ARCHAEOLOGICAL EXPLORATION WAS UNDERTAKEN LAST SUMMER BY A TEAM of University of Minnesota professors in Southwestern Greece, under the direction of William A. McDonald, Prof (Classics). The team combined the efforts of specialists in four separate fields as part of a long-range attempt to reconstruct the natural environment of the Southwest Peloponnesus area in the last 7,000 years.

The five-member team was composed of Jesse Fant, Assoc Prof (Civ Eng); Herbert E. Wright, Prof (Geol); Fred Lukermann, Asst Prof (Geog); Professor McDonald and Professor Richard Hope Simpson of the University of Birmingham, England, who has been Professor McDonald's associate in archaeological expeditions since 1959. The team did surface explorations in the area of King Nestor's palace, an edifice destroyed in 1200 B.C. during the late Bronze Age.

Professor McDonald first began his archaeological explorations in Greece in 1938-39 at the American School of Classical Studies in Athens on a fellowship from the Royal Society of Canada. That year, he worked for the first time with Professor Carl Blegen, whom Professor McDonald describes as the "most revered pre-historic archaeologist" in that part of the world, and was associated with him when Professor Blegen found the palace of King Nestor in the spring of 1939. A brother of Theodore Blegen, Emeritus Dean of the Graduate School, Professor Blegen is a former faculty member of the University of Cincinnati and now lives in Athens.

World War II interrupted further work in the area for almost 15 years. In 1953, Professor McDonald worked with Professor Blegen again in his excavations, and in 1955 at Professor Blegen's suggestion, began a wider search of the area looking for all the towns and villages that had belonged to the political unit surrounding the palace in an effort to reconstruct the entire kingdom. In 1958-59, Professor McDonald spent a year in Greece on a Guggenheim fellowship and returned in the summer of 1960 for more explorations. Last summer's expedition, however, was the first in which he had other Minnesota faculty members participating. This was made possible under a grant received last spring from the Louis W. and Maud Hill Family Foundation.

Professor McDonald's explorations were carried out entirely on the surface of the earth. There is a strong new trend in archaeology, he said, toward the team approach to surface exploration and to dig later only for a specific purpose. He explained that archaeologists are beginning to realize that in many special fields, they must appeal for help and advice to such experts as surveyors, architects, artists, chemists, zoologists, geologists, physical anthropologists and many others.

During the Minnesota expedition, Professor Fant surveyed and mapped various ancient sites, studied ancient roads and searched for additional roads. Professor Wright concentrated on the land forms of the area and made sample earth borings for analysis in his laboratory at the University. It is hoped that results of this analysis will yield important new evidence of forest cover, deforestation, incipient and developed agriculture and other factors related to the whole span of human habitation in the area. Professor Lukermann, who is still abroad, studied the area from the point of view of economic geography, communication patterns and population distribution. He intends to revisit the area briefly in December before returning to the University.

Professor McDonald reports that about 105 prehistoric habitation sites and about half as many probable sites have been discovered in the Southwest Peloponnesus area. He plans to return to Greece for the spring quarter for a second field campaign which will include a two-week visit by Professor Wright and a co-worker who is a specialist in paleobotany; a 10-day visit by Demetrius Christodoulou, Greek specialist in the historical development of land use; a three-week survey of prehistoric highways in Crete with Professor Hope Simpson and continuation of the program of surface search for habitation sites.

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The University of Minnesota STAFF BULLETIN is published twice monthly, September 15 through June 1, by the Department of University Relations, 213 Morrill Hall, Minneapolis 14, Minn. Subscription-free copies mailed to staff members. Non-staff member subscription rate: \$1.80. Second-class postage paid at Minneapolis, Minnesota.

William L. Nunn, Director    Bayle Z. Greenberg, Editor

Advisory Committee: University Public Information Council

● DONATIONS MADE TO THE UNIVERSITY OF MINNESOTA MEMORIAL FUND IN MEMORY OF DECEASED faculty or staff members (or members of their immediate families) have passed the \$50,000 mark, according to the annual report of the Fund for 1961-62. Since its establishment in 1955, the Fund has broadened its scope to include all branches of the University and the Civil Service staff and has increased its administrative committee from five to 10 members.

Contributions to the Fund are used in one of three ways. The majority are given without specific instructions for their use and are combined in one free fund so that even a very small donation can be put to a worthwhile purpose. In some cases, however, the family of the deceased person is interested in a special project or field and asks that all donations in that person's memory be held until the family requests to have them allocated. Donors or the family may also specify that memorial gifts be channeled to a University fund already in existence.

The projects for which the Memorial free fund was used in 1961-62 are typical of the uses to which the money has been put in the last seven years. They include a freshman scholarship fund, an emergency student loan fund, a student loan fund on the Duluth campus and honors awards to students of outstanding service to the University Theater.

Names of persons memorialized by the Fund are entered annually in a handsomely bound volume called the Book of Honor, which is available for display on appropriate occasions. Twenty-four new names were added in 1961-62. The inscription appearing at the front of the book is reprinted on an acknowledgment card which is sent to each donor and to the family of the person in whose memory a donation is made. The card reads:

THIS IS A BOOK OF HONOR, OF MEMORY, AND OF RECOGNITION BY FAMILY AND RELATIVES, COLLEAGUES, AND FRIENDS -- A TRIBUTE OF RESPECT, AFFECTION AND GRATITUDE. THOSE WHOSE NAMES ARE INSCRIBED IN THIS BOOK WILL LIVE FOREVER IN THE CHERISHED MEMORY OF THE UNIVERSITY OF MINNESOTA AND ITS ONGOING LIFE. GENERATIONS OF TEACHERS AND STUDENTS ENGAGED IN THE ENDLESS QUEST FOR KNOWLEDGE AND UNDERSTANDING WILL BE HELPED AND ENCOURAGED BY THE CHARACTER AND EXAMPLE OF THOSE REMEMBERED HERE.

Members of the 1961-62 Memorial Fund committee were Mrs. Harold B. Allen, Faculty Women's Club, chairman; J. I. Brown, Prof (Rhet), St. Paul; Thomas W. Chamberlin, Acad Dean (UMD); Joseph Davidson, former director (Great U Fund), ex-officio secretary; Don Finlayson, Mgr Univ Hous (Staff Hous); Ethel Harrington, Pers Off (Hosp); Mrs. H. L. Hayes, Duluth; Mrs. Richard C. Jordan, Faculty Women's Club, and Horace T. Morse, Dean and Prof (Gen Coll).

This year's committee membership includes Rodney A. Briggs, Dean (UMM), representing the Morris campus which has been invited to participate in the Memorial Fund program in 1962-63. Other members are Mrs. Jordan, who has succeeded Mrs. Allen as chairman; H. D. Ferris, Asst Prof and Lib (Ag Lib), replacing Professor Brown; Helborg Gilbertson, Adm Sec (Hosp Dir Office), replacing Miss Harrington; E. W. McDiarmid, Dean (SLA), replacing Dean Morse; Mrs. R. E. Summers, Faculty Women's Club; William L. Nunn, Dir (Univ Rel), replacing Mr. Davidson as ex-officio secretary; Dean Chamberlin, Mr. Finlayson and Mrs. Hayes.

The 1961-62 report shows that a total of \$50,513.90 was received from 1955 through August 31, 1962, including \$20,259.60 which was channeled directly to existing University projects. Of the money received during that period, \$45,338.70 was allocated or transferred for use and \$4,990.68 was being held for specific allocation by certain families, leaving a free balance of \$184.52.

A more recent report issued by the Special Projects program of the Department of University Relations shows that an additional \$1,937.45 was received in Memorial Funds through October 10 of this year, bringing the grand total received to \$52,451.35.

Persons wishing to make a donation in memory of a faculty or staff member, or a member of his immediate family, should send their contributions to University of Minnesota Memorial Fund, 213 Morrill Hall, University of Minnesota, Minneapolis 14. Families wishing to have donations made to the Fund in lieu of flowers should state in death notices: "The family prefers memorials to the University of Minnesota Memorial Fund" with the above address.

● ENROLLMENT IN RESERVE OFFICERS TRAINING CORPS (ROTC) CLASSES AT THE UNIVERSITY'S Minneapolis and Duluth campuses increased this year by 126 students or 8.1 per cent. This year's enrollment of 1,192 ROTC students includes 355 in the Army ROTC, 247 in the Navy and 590 in the Air Force.

All ROTC units are on the Minneapolis campus, with the exception of an Air Force unit of 172 students at Duluth. Army ROTC freshman classes (Military Science I), however, will be introduced on the St. Paul campus winter quarter, according to Lt. Col. Robert J. Elliott, Prof (Mil Sc) and commanding officer of the University's Army ROTC.

Largest increase in enrollment was in the Air Force units with 114 more students enrolled this year, 92 on the Minneapolis campus and 12 at Duluth. Navy ROTC students numbered 27 more over last year, while Army ROTC showed a decrease of five students. Col. Elliott explained that the slight drop is in the sophomore and senior classes and is due undoubtedly to the stiffening of academic requirements in the Army program during the last two years. He said that Army freshman enrollment is up.

THE LAW SCHOOL IS MAKING A TRIAL OF VARIOUS CENTRAL TELEPHONE DICTATION SYSTEMS, prior to purchasing a new system for use by faculty members, Stephen B. Scallen, Asst Dean (Law) announced. Each system will be given a month's trial. Dean Scallen invited faculty and staff members interested in observing the systems to come to 169 Fraser Hall, where this month's system -- Edison Central Telephone Dictation equipment -- is being tested. An IBM system was tested in October, and in following months, Stenocord, Dictaphone and Gray systems will be tried. With this type of equipment, a law faculty member can dial a central number, then dictate into his own telephone. Stenographers in the faculty stenographic pool transcribe the dictation. This is the first time systems of this kind have been tested on the campus.

● A SURVEY OF PUBLICLY CONTROLLED UNIVERSITIES WITH ENDOWMENTS OVER \$5 MILLION indicates that the University of Minnesota leads the Western Conference. According to the survey conducted by the Council for Financial Aid to Education in 1960-61, the University of Minnesota has an endowment of \$64,141,796; the University of Michigan is second in the Big Ten with \$34,111,215; Ohio State University has \$16,183,370; University of Wisconsin, \$15,487,088; Purdue University, \$9,115,282; University of Illinois, \$6,456,000 and University of Indiana, \$6,200,000.

The University of California's endowment of \$121,824,490 is almost twice that of Minnesota. Largest endowment reported was the University of Texas' \$395,980,683, which slightly exceeds privately-supported Harvard University's endowment of \$393,335,917.

● REGENTS' SCHOLARSHIPS IN EXTENSION DIVISION FOR FALL QUARTER HAVE BEEN AWARDED to the following staff members: Patricia Acton, Prin Sec (Adm and Rec); Mavis Bates, Sec (Coun Off); Clarence Carter, Sr Stores Clk (Lib); Sandra Daggy, Sr Clk Typ (Civ Serv); Jeannette Delau, Off Sup (Vet Med); Delores Dooley, Sr Exec Sec (School of Dent); Udine Drews, Sec (Gen Ext Div); Carol Ellis, Lab Tech (Surg); Sharon Gemmill, Asst Scien (Surg); Frank Gillis, Prin Lib (Lib); Alice Goeb, Clk Typ (Hosp); Phyllis Hambleton, Sr Acct Clk (Gen Ext Div); Peggy Harrington, Gen Stf Nurs (Hosp); Marie Higbee, Sr Clk Typ (SLA Adm); Dorothy Jennum, Sec (Nav Sc); Lenore Johnson, Sr Clk Typ (Cen For Cont Stud); Vernon Johnson, Appr Glassblower (Glass Shop); David Kramer, Sr Lab Anim Att (Surg); Marlys Kramer, Sr Clk Typ (Gen Coll); Carol Malmstrom, Sr Clk (Payroll); Kay Maloney, Prin Sec (Gen Ext Div); Judith Meuli, Sr Lab Tech (Med); Patricia Nesbitt, Sr Clin Nurs (Hosp); Glenys Neville, Sr Acct Clk (Pion Hall); William Peters, Sr Acct Clk (Food Stores); Mildred Ricci, Sr Sec (Phys); Richard Ronningen, Prin Acct Clk (Vend Serv); Helenmae Schauer, Sr Lab Tech (Sch of Dent); Erma Sims, Nurs Sta Asst (Hosp); Margaret Smith, Sr Acct Clk (Front Hall); Warren Thompson, Sr Eng Asst (Plt Serv); Helene Tri, Sr Clk Typ (Cent for Cont Study); Bernice Vittenbogaard, Sr Lab Tech (Dermatol); Audrey Vaale, Sec (Anthro); Colleen Vergin, Sr Sec (Psy and Neur); Judith Widerski, Prin Clk (Vet Med); John Wilson, Pers Asst (Civ Serv); Josephine Zimmar, Prin Clk (Educ).



● FOR THE FIRST TIME, FALL QUARTER COMMENCEMENT EXERCISES WILL BE HELD ON SATURDAY evening this year. The exercises are scheduled for 8 p.m., December 15, with approximately 960 candidates to receive degrees. Julius M. Nolte, Dean (Ext Div), will deliver the commencement address. According to True E. Pettengill, Recorder (Adm and Rec), chairman of the University scheduling committee, commencement exercises were changed from Thursday to Saturday evening to allow for the Study Day which has been added to the University calendar for the first time this year. The Study Day, this quarter, will be on Friday, December 7, with examinations beginning and ending one day later than in previous years. Winter quarter commencement exercises will also be held on Saturday, Mr. Pettengill said.

● A NEW BUILDING TO HOUSE THE UNIVERSITY OFFICE OF THE STATE CAPITOL CREDIT UNION (SCCU) is under construction at Fourth Street and Thirteenth Avenue (former site of Newman Hall), with occupancy scheduled for August, 1963. Designed by Ralph Rapson, Prof and Head (Sch of Arch), the building will have savings and loan facilities on the main floor, including drive-in windows, and lounge and meeting rooms on the floor below for the use of University staff members. The present University office is located at 616 Washington Avenue S.E.

During the past year, the University office of SCCU enrolled 1,104 new members, bringing total membership to 5,010, D. G. Reimer, manager of the University office and assistant treasurer of SCCU, reports. About one-third of the membership is faculty, Reimer said, the remainder Civil Service staff. In the same period of time, 2,945 loans totaling almost \$2.5 million were made to members. The total amount of savings owned by University staff members and deposited with the SCCU is \$3,542,634.41, Reimer said.

An advisory committee composed of University staff and faculty members meets periodically to assist Reimer in developing the Credit Union on the campus. Members of the committee are Martin L. Snoke, Asst Dean of Stud (Off of Dean of Stud), chairman; Ethel Harrington, Pers Off (Hosp); Clinton T. Johnson, Asst V P (Bus Adm); William L. Nunn, Dir (Univ Rel); Harold B. Swanson, Prof and Ed (Inf Serv); Joseph Leverone, Cust and Ground Supt (Plant Serv), and Elton Johnson, Prof and Head (Poultry Husb).

● THE BOARD OF REGENTS, AT ITS NOVEMBER 10 MEETING, EXPRESSED ITS APPRECIATION TO all staff members and students who contributed time and effort to promote the passage of Amendment No. 2. A special resolution was passed stating, "The Board of Regents is very mindful of, and grateful for, the splendid public service of the Minnesota Citizens' Committee in obtaining public understanding of and support for Constitutional Amendment No. 2. The Board and the University community are deeply grateful to all who worked with the Committee and for the amendment."

● A STATEMENT OF THE NEEDS OF THE UNIVERSITY, PUBLISHED BIENNIALLY AS AN APPEAL TO the Minnesota legislature for basic funds on which the maintenance and operations of the University rest, will be ready for circulation about December 15. The 24-page brochure will be mailed to all staff members with the December 15 *Staff Bulletin*. Extra copies will be available in room 213 Morrill Hall. Copies are furnished to parents of University students, alumni living in Minnesota, newspaper editors, members of the legislature and community leaders.

The University will ask the state legislature for \$72,731,501 for general operations and maintenance for the two-year period, 1963-65. The request was approved by the Board of Regents at its November 10 meeting, along with additional requests for \$1,141,634 for the Morris campus, \$6,789,721 for special state appropriations (for special research), and \$13,796,117 for University hospitals. The latter request is chiefly for estimated reimbursement for care of indigent patients, half the cost coming from the individual counties and half from the state. The legislative requests for the two-year period total \$94,458,973.

An additional request for \$35,720,140 was approved by the Regents for buildings, rehabilitation, land and housing. Funds for five projects on the West Campus are included in the request: construction of an auditorium-type classrooms building, planning funds and half the construction cost of a library; completion of office buildings now under construction, and planning funds for a humanities building and a communications, theater and classroom building. On the Morris campus, the money, if appropriated, will finance the first unit of a science building, a library building and rehabilitation of three other buildings. The Minneapolis east campus and the St. Paul campus will also get several additions to existing buildings and rehabilitation of others, if the requests are granted by the legislature. Included in St. Paul campus plans are a new Agricultural Economics and Rural Sociology Building and an Entomology, Fisheries and Wildlife Building. Plans for the east campus include a laboratory and classroom building south of the Chemistry Building and an education laboratory and office building.

The University's 1963-65 request is more than \$23 million more than the legislative appropriations for the University in the 1961-63 biennium. One of the reasons for the increase in the budget is the need for both academic and civil service salary adjustments. The money requested would provide for an academic salary improvement of eight per cent in 1963-64 and eight per cent in 1964-65 and would permit the addition of 240 new academic positions in 1963-64 and 166 new positions in 1964-65. The funds, if appropriated, would also provide for the full merit needs of the University for its civil service staff, and would permit the addition of 220 civil service employees in 1963-64 and 198 additional employees in 1964-65. These new positions are based on predicted increases in student enrollment.

● AS OTHERS SEE US: PAUL H. DAVIS, A DISTINGUISHED EVALUATOR OF HIGHER EDUCATION in America, has published 40 predictions as a "selected synopsis of the future" for institutions of higher learning. In his final prediction for 1970, he lists the University of Minnesota as one of the "new names in the . . . top ten universities rated according to prestige." Other candidates: California (Los Angeles), Cornell, Florida State, Illinois, Illinois State Normal, North Carolina State, Ohio State, Pennsylvania State and Pittsburgh.

According to Mr. Davis, the institutes and universities most often named now as the top ten by administrators and professors are California (Berkeley), California Tech, Chicago, Columbia, Harvard, Massachusetts Institute of Technology, Michigan, Princeton, Stanford, Wisconsin and Yale. Mr. Davis, presently a college consultant to Reader's Digest, is a trustee of the College of Idaho, a Fellow of Claremont University College, and was formerly vice-president for development at Columbia and general secretary of Stanford. His article was discussed in the November circular letter of the Association of State Universities and Land-Grant Colleges.

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Advisory Committee: University Public Information Council

● INSTRUCTION BY CLOSED-CIRCUIT TELEVISION HAS BEEN GREATLY INCREASED THIS YEAR AT the University in a vigorous program of experimentation and appraisal. Under the direction of Burton Paulu, Dir (Radio and TV), and with guidance from the Closed-Circuit Television Committee, this medium of instruction is being carefully tried and studied to determine whether it can be effective in meeting some of the teaching problems anticipated in coming years.

This fall quarter, more than 3,000 students are enrolled in nine courses conducted via closed-circuit television. They are Mathematics Y, General Biology IA, Geography I, Beginning French I, Laboratory Psychology 4, General Principles of Chemistry 4, and three courses in Mechanics and Materials in the Department of Aeronautics and Engineering Mechanics. Television is also used extensively in the School of Dentistry as a teaching aid for almost all courses and in the College of Education for demonstration teaching.

The decision to experiment much more extensively than before with closed-circuit television was made last February, Dr. Paulu said, when President O. Meredith Wilson assigned major responsibility for the selection, planning, development and presentation of closed-circuit television courses to the Department of Radio and Television. At the same time, he established the Closed-Circuit Television Committee, headed by E. W. Ziebarth, Dean (Sum Sess), to serve in a policy-making capacity, working in conjunction with Dr. Paulu's department. Previously, experimentation on a smaller scale had been in process for about 10 years in the College of Education, the School of Dentistry and the Institute of Technology. Last spring, three or four new classes were offered over closed-circuit television, Dr. Paulu said, and this year the program has been greatly accelerated.

A recent report prepared by the Closed-Circuit Television Committee, and currently being circulated among members of the Senate Radio and Television Policy Committee for final approval, outlines the background and current status of the University's effort in closed-circuit television and presents the Committee's position on a variety of policy issues related to that effort. It emphasizes that the present effort is "experimental in the fullest sense of the word" and points out that the Committee "views closed-circuit television as one available method in which instruction in certain courses may be improved, and by which instruction in other courses may be adapted to the problems of increasing enrollments and limited staff and space." The Committee and Dr. Paulu both make it clear that the choice facing the University is not between optimum teaching conditions -- such as small classes of 20 students -- and closed-circuit television, but rather between teaching under difficult conditions and using closed-circuit television to alleviate some of the problems created by these conditions.

Television originating studios are located in Eddy Hall, the Aeronautical Engineering building, Peik Hall and Owre Hall; viewing facilities are in the latter three buildings and in Burton, Nicholson and Vincent Halls. All are linked by coaxial cable, including the Classroom Building on the West Bank campus which will have viewing facilities beginning winter quarter. The Agricultural Engineering building on the St. Paul campus will also be added to the list winter quarter and will be connected to Eddy Hall by microwave. All rooms on the Minneapolis campus equipped for television viewing have talk-back installations so that students can communicate with their teachers in the originating studio at Eddy Hall. That studio has three image orthicon cameras of broadcast quality and projection equipment for transparent slides, opaque materials and motion pictures. Videotape recording facilities will be available beginning this month.

The winter quarter closed-circuit television schedule will offer Psychology 4, 5, History 136 (with two sections on the West Bank), Biology 1, 1A (with three sections on the St. Paul campus), French 2, Biology 2, 2A, Chemistry 5, Sec. 2, Geography 1 and four courses in Mechanics and Materials.

The Committee, in summarizing its report, states it "would welcome correspondence from faculty members and faculty groups so that it may represent as fully as possible the interest of all faculty members in the development of sound policy in this sensitive and important area." Members of the Committee are Robert H. Beck, Prof (Educ); Sherwood O. Berg, Prof and Head (Ag Econ); Allan A. Blatherwick, Assoc Prof (Aero and Eng Mech); Harold C. Deutsch, Prof and Chm (Hist); Donald K. Smith, Prof and Chm (Speech and Theat Arts); Willard L. Thompson, Asst to Pres, and Dr. Paulu.

# University of Minnesota Calendar of Events

## DECEMBER, 1962

### MINNEAPOLIS SYMPHONY CONCERTS

#### Friday Subscription Series

Stanislaw Skrowaczewski, Conducting

Northrop Auditorium, 8:30 p.m.

December 7 -- Zino Francescatti, violinist  
 December 14 -- John Browning, pianist  
 December 28 -- Charles Rosen, pianist  
 (Single tickets \$2.50 to \$4.75)\*

#### Sunday Symphony Series

Frederick Fennell, Conducting

Northrop Auditorium, 4:30 p.m.

December 9 -- Orff: "Carmina Burana"  
 December 16 -- Tchaikovsky: "The Nutcracker"  
 (Single tickets: \$2 reserved seats; \$1.50 unreserved seats)\*

### UNIVERSITY ARTISTS COURSE

#### Masterpiece Series

Northrop Auditorium, 8:30 p.m.

December 5 -- Foo Hsing Theatre, Fifty Chinese Children in an Evening of Spectacular and Acrobatic Chinese Theatre.  
 (Single tickets: \$2, \$2.50, \$3, \$3.50, \$4)\*

### COMMENCEMENT

Northrop Auditorium, 8 p.m.

December 15 -- Address by Julius M. Nolte, Dean, General Extension Division

### MUSEUM SUNDAY PROGRAMS

Museum of Natural History Auditorium  
 3 p.m.

December 2 -- "The Timber Wolves of Isle Royal," by David Mech  
 December 9 -- "Marshlands Are Not Wastelands," color sound film  
 December 16 -- "Aqua Folly," color sound film

### UNIVERSITY THEATER PRODUCTIONS

#### Regular Production

Scott Hall Auditorium

December 1, 7 and 10 p.m.  
 December 2, 3:30 p.m.  
*The Sheep Well* by Lope de Vega  
 (Single tickets \$1.75 on sale at the Scott Hall Box Office)\*\*

### SIGNIFICANT UNIVERSITY BROADCASTS

KUOM, 770 on the dial

Tuesday, 11:15 a.m. -- "Listen With The League"  
 Tuesday, 4 p.m. -- "Folio"  
 Wednesday, 1:30 p.m. -- "World Affairs" by George Grim  
 Thursday, 4 p.m. -- "Flashback in History"  
 Friday, 11:15 a.m. -- "Freshman English," classroom lecture

### UNIVERSITY GALLERY EXHIBITIONS

Through December 16 -- Josephine Lutz Rollins: Retrospective Exhibition  
 Through December 24 -- The Depression Years: The South, 80 photographs by Walker Evans, Dorothea Lange, Ben Shahn and others  
 Through December 24 -- Three Pioneer Photographers, photographs by Eugene Atget, Lewis Hine and Jacob Riis

### DECEMBER UNIVERSITY OF MINNESOTA PRESS PUBLICATIONS

*Arrivals and Departures* by Charles Gulans, assistant professor of English, UCLA. A volume of poetry. \$2.75  
*John Donne's Lyrics: The Eloquence of Action* by Arnold Stein, professor of English, University of Washington. \$5

### MUSIC DEPARTMENT PROGRAMS

December 2 -- Miles Mauney, piano recital, Northrop Auditorium, 3:30 p.m.  
 December 4 -- University Symphony Orchestra, Northrop Auditorium, 8:30 p.m.

### UNIVERSITY TELECASTS

Seen on Channel 2, KTCA-TV

Monday, 9-9:30 p.m. -- "At Home With Music"  
 Monday, 9:30-10 p.m. -- "World Affairs" with George Grim and guests  
 Tuesday, 9-10 p.m. -- "Medieval Civilization -- Foundations of the Modern World," with Robert S. Hoyt, Professor of History  
 Wednesday, 9-9:30 p.m. -- "Thesis Report," with William S. Howell, Professor and Associate Chairman, Speech and Theater Arts department  
 Wednesday, 9:30-10 p.m. -- "Economists' Holiday," with John A. Buttrick, Professor and Chairman, Economics department  
 Thursday, 9-9:30 p.m. -- "American Government," filmed lectures by the late Asher N. Christensen, Professor of Political Science  
 Thursday, 9:30-10 p.m. -- "Town and Country," with Ray Wolf, Associate Professor and Agricultural Extension Information Specialist  
 Friday, 9-10 p.m. -- "The Education of an American," with Timothy Smith, Associate Professor of Education and History

### ATHLETIC DEPARTMENT EVENTS

Home Basketball Games

Williams Arena, 8 p.m.

December 1 -- Wake Forest  
 December 3 -- Kansas State  
 December 14 -- Bradley  
 December 31 -- Houston

Home Hockey Games

Williams Arena, 8 p.m.

December 15 -- U. of M., Duluth  
 December 21 -- U. of M., Duluth

\*Tickets available for all concerts at Symphony Ticket Office, 106 Northrop Auditorium; Dayton's, Minneapolis and St. Paul, where tickets may be charged to regular accounts; Field-Schlick, St. Paul and Highland Village.

\*Tickets available at 105 Northrop Auditorium; Downtown Ticket Office, 188 Northwestern Bank Building, Minneapolis; Field-Schlick, St. Paul and Highland Village.

\*\*Tickets available at Field-Schlick, St. Paul; Downtown Ticket Office, Minneapolis; Dayton's, Minneapolis and St. Paul and The Hub, Richfield.



# UNIVERSITY OF MINNESOTA

FOR ALL STAFF MEMBERS

December 15, 1962

● ENCLOSED WITH THIS ISSUE OF THE BULLETIN IS A STATEMENT OF NEEDS OF THE UNIVERSITY. About 120,000 copies of the brochure are being distributed to University faculty and staff members, parents of students, alumni living in Minnesota, newspaper editors, broadcasters, community leaders and members of the Legislature. Faculty and staff members are urged by University officials to share their copies of the *Statement* with friends and to talk to their legislators, local editors and community leaders to promote understanding as well as to generate interest and support for the University's financial requests.

The brochure was prepared by a committee consisting of: Lawrence H. Cattron, Artist (Audio-Visual Ed Svce); John W. Miesbauer, Asst Cf Acct (Bus Off); Dorolese Wardwell, Prin Exec Secy (Bur of Ed Res); William L. Nunn, Dir (Univ Rel); Louise Lewisohn, Asst to Dir (Univ Rel); William T. Harris, Jr., Asst Dir (Univ Rel); Alan Ominsky, Ed (Univ Rel). Assisting were: Malcolm M. Willey, V Pres (Acad Adm); Laurence R. Lunden, V Pres (Bus Adm); Clinton T. Johnson, Asst V Pres (Bus Adm); Stanley J. Wenberg, V Pres (Ed Rel & Dev); Willard L. Thompson, Asst to Pres.

The *Statement of Needs* is a popularized and abbreviated version of the legislative *Gray Book*, the master request which goes to each member of the Legislature. It is a biennial appeal for basic funds which deals with the needs of the University in maintenance, operation, special research, University hospitals and buildings.

University requests will be presented to the Legislature through the University and Appropriations Committees in the House, and the Education and Finance Committees in the Senate. Presentation will be made primarily by President O. Meredith Wilson who will rely heavily on Laurence R. Lunden, V Pres (Bus Ad); Malcolm M. Willey, V Pres (Acad Adm); Stanley J. Wenberg, V Pres (Ed Rel and Dev); Ray M. Amberg, Dir (Univ Hosp); Raymond W. Darland, Provost (UMD); Rodney A. Briggs, Dean (UMM); the Regents, and others. Requests for buildings have already been presented to the State of Minnesota Building Commission. The various committees, after deliberating on the University's requests, will make recommendations which will be sent to the floor of each house for approval..

Staff members, it is hoped, will obtain extra copies of the *Statement of Needs* in Room 213 Morrill Hall, Minneapolis Campus. These may be sent to friends and acquaintances in Minnesota.

● UNIVERSITY FACULTY MEMBERS WHO WON NATIONAL RECOGNITION RECENTLY INCLUDE: Ephraim M. Sparrow, Prof (Mech Engr) who was presented the Heat Transfer Memorial Award at the Annual Meeting of the American Society of Mechanical Engineers in New York. This is only the second time the award has been given. Owen H. Wangensteen, Prof & Chm (Surg-Div of Gen) was presented an award for his work in cancer research by the American Cancer Society. John R. Winckler, Prof (Physics) received the Space Science Award of the American Rocket Society for his work as designer of equipment for measuring radiation in the atmosphere and outer space.

Bryce L. Crawford, Dean & Prof (Grad Sch) was elected to the executive committee of the Association of State Universities and Land-Grant Colleges in mid-November.

● APPROXIMATELY 170 UNIVERSITY FACULTY MEMBERS WILL HAVE COMPLETED, BY DECEMBER 15, the move across the Mississippi river into the new Social Sciences tower on the West Bank.

The 14-story building, which contains 196 rooms, is the tallest building on campus outside of the Mayo Medical Building and is the first all-office academic building. It will be occupied by all of the departments formerly located in Ford Hall: the Department of Sociology; the Family Study Center; the Department of International Relations and Area Studies; the Public Administration Center; the School of Social Work; and the Departments of History, Geography and Political Science; plus the Social Sciences Program in Interdisciplinary Programs which has been located in the Temporary North of Mines Building. Interiors of only 11 of 14 stories in the building have been completed. Additional funds will be requested of the 1963 Legislature to finish the other three floors.

There are 16 meeting rooms and seminar classrooms in the Social Sciences Tower; 112 individual faculty and administrative offices; 19 double size offices, 23 offices to accommodate from four to six teaching and research assistants; nine offices for secretarial help; six for storage and supplies; and 11 special rooms for the mimeographing shop, study rooms, map library, international relations and area studies library, lounge, sick room, large meeting room and sociology laboratory and observation room.

There are approximately 18 rooms on a floor, in a court arrangement, with the elevator shaft in the middle of the building.

The move of the Social Sciences from Ford Hall will set up a "chain reaction" of other department moves to fill the vacated space and ease crowded conditions on other buildings.

Moving into Ford Hall will be the Mathematics Department from Folwell Hall; the Statistics Department and the Center for the Philosophy of Science from Johnston Hall; and the Philosophy Department from Westbrook Hall. Remaining departments in Folwell Hall -- Classics, Languages and Speech and Theater Arts -- will be able to expand faculty office room. One division of General College will move from Nicholson Hall into Folwell Hall.

Among the many problems involved in moving is that of telephone extension changes. According to William O. Cook, Asst to Dir (Plt Serv), however, telephoning should not be too much of a problem at this time. Coordination of telephone with personnel relocation has been good. Original extension numbers have been retained as often as possible, but an increase in total number of phones has led to the addition of new numbers.

Early next quarter a supplement to the recently issued Student-Staff Directory will be published which will list the new extensions of the telephones on the West Bank and will include certain corrections to the present listing.

● SINCE QUESTIONS CONTINUE TO ARISE REGARDING TRAVEL ACCIDENT INSURANCE FOR University staff members while on University business, a review of coverage might be in order.

All full-time and part-time staff of the University are covered except staff members of the Agricultural Extension Service, staff members on leave of absence or sabbatical leave, and employees whose primary duty is that of chauffeur or truck driver.

The coverage consists of: (1) a \$50,000 accidental death policy, (2) a \$50,000 accidental dismemberment policy, payable for the loss of two limbs or the sight of both eyes, and (3) a \$25,000 accidental dismemberment policy, payable for the loss of one limb or the sight of one eye. The University pays the entire cost of the insurance.

Coverage starts when the staff member leaves his home or office, whichever occurs later, and ends upon his return to home or office, whichever occurs earlier. It does not cover travel to or from work, travel between the Minneapolis and St. Paul campuses if employed at either campus, riding University owned aircraft or any other aircraft as pilot, operator or member of the crew.

Any questions on this coverage will be answered in the Department of Insurance and Retirement, 217 Morrill Hall.

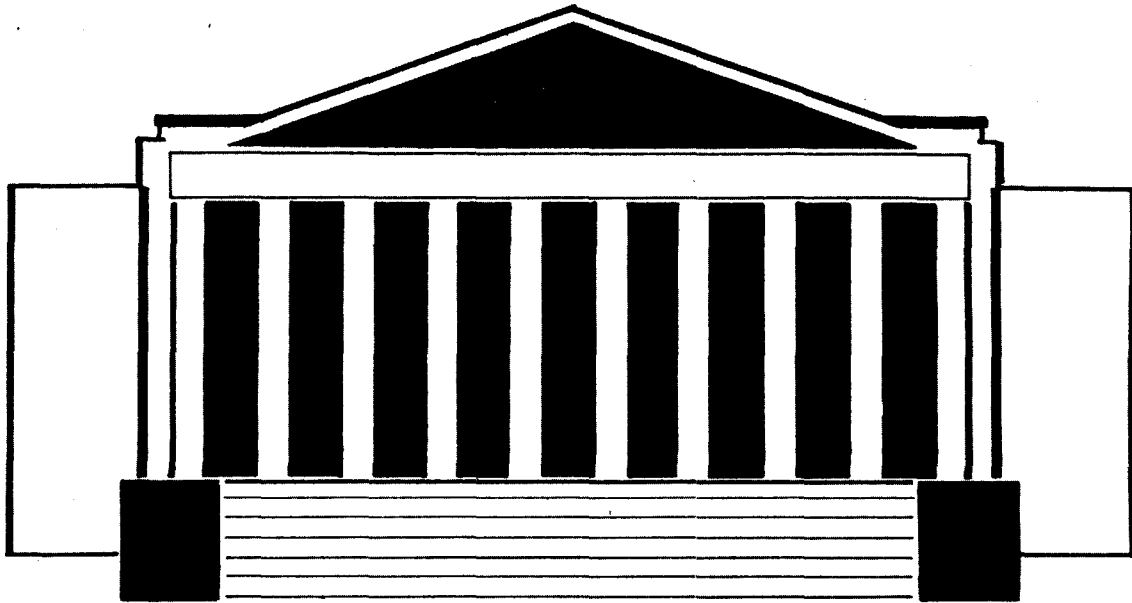
Industrial Relations Center      Bureau of Educational Research  
 Waseca and Grand Rapids      Laboratory of Physiological Hygiene  
 Professional, and Other Groups and Associations and from Individuals  
 Variety Club Heart Hospital      Dight Institute for Human Genetics  
 Chemical Analysis Center      Linear Accelerator      Fruit Breeding Farm  
 Minnesota Centennial Showboat up and down the Mississippi  
 Monument Station      James Ford Bell Collection      College of Education  
 Waples, Waseca, and Lamberton      Bureau of Institutional Research  
 International Clinic      Institute of Agriculture      University Artists Course  
 Minnesota Hour on Channel 2      Bureau of Field Studies and Surveys  
 College of Pharmacy      Arboretum in Excelsior      Metropolitan Opera  
 Fair Bethel      College of Law      School of Business Administration  
 Cancer Detection Center      Summer Session      University Gallery  
 Rochester      Graduate School      Minnesota Family Studies Center  
 Tweed Gallery      College of Science, Literature and the Arts  
 Pakistan Peace Corps Project      Center for Personality Research  
 Bells      State Organization Service      Mayo Memorial Building  
 University of Minnesota Press      University of Minnesota, Duluth  
 Golden Gophers      Army, Navy and Air Force R.O.T.C. Units  
 Immunological Research Center      College of Veterinary Medicine  
 Hospital

# The Needs

## of the

# University of Minnesota

### THE LEGISLATIVE REQUEST 1963-1965



**This Statement of Needs of the University of Minnesota is being sent to alumni, parents, staff members, community and state leaders, and friends of the University. In the interest of economy, duplicates have not been eliminated and it may be that you will receive more than one copy. If you do, will you please give the extra copy to someone who should know about the University and its needs?**

**Permission is given to reproduce any portion of this publication.  
Additional copies may be obtained from the Department of University Relations, 213 Morrill Hall, Minneapolis 14, Minnesota.**

**T**HE OPENING of the 1962-63 academic year brought 33,616 full time college-level students to the five campuses of the University of Minnesota at Minneapolis, St. Paul, Duluth, Morris, and Rochester. This is the largest such enrollment in the University's history and represents 48.5 percent of the total college population in the State. In addition, a new attendance record was set in general extension evening classes with 12,233 students enrolled for the fall quarter of the 1962-63 academic year. This means that 45,849 students were attending classes regularly in the first quarter of the current academic year. Tens of thousands of other Minnesotans benefit from the University through such activities as adult continuation seminars, institutes, conferences and meetings; agricultural extension education; agricultural short courses; general extension programs; experiment stations; the University's nursery, elementary, and high schools and many others.

**Last Year the University of Minnesota Offered Some Form of Instruction  
or Educational Service to Approximately**

**200,000  
INDIVIDUALS**

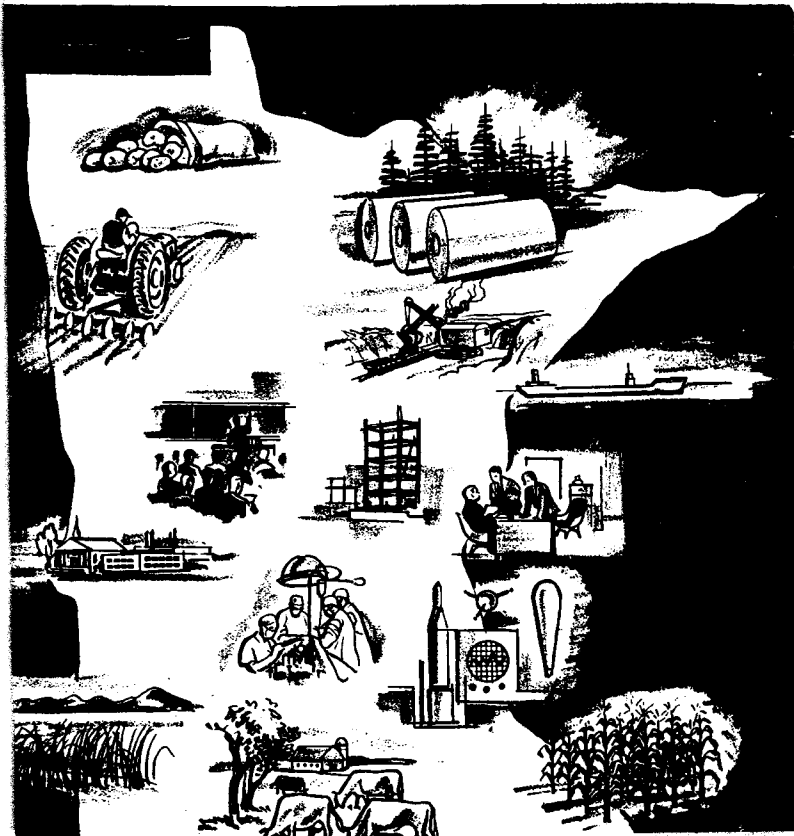
This figure illustrates the range of the University's educational service to the State. It reflects the academic respect in which the University is held, the variety of resources it represents, and the challenges it faces as it continues its service to the State of Minnesota and sustains its scholarly excellence.

# A DISTINGUISHED UNIVERSITY

In Its Teaching Program  
In Its Research Program  
In Its Public Service Program

## SERVES A

## DISTINGUISHED STATE



The University of Minnesota is recognized as one of the truly great universities in America. The scope and quality of its creative scholarship are reflected in the distinctions which come to its staff. Each year its faculty members contribute to the world's most eminent scholarly meetings and publications. Thus the achievements of the University of Minnesota are known in the far corners of the academic world.

Its bold and imaginative research programs in many fields have won it international attention and respect.

Many of its graduates have used the training received here to attain some of the highest offices within the gift of the American people.

Because of the University of Minnesota's academic resources, it is able to make a decisive contribution to international education, an emerging function of American universities. Last year, for instance, 1309 visitors from 78 countries came to the University of Minnesota campuses as students, faculty members, and honorary fellows; others came only to observe and to discuss specific projects.

During 1962, also, the eight-year University of Minnesota-Seoul National University (Korea) cooperative project was successfully concluded. This was a program in which Minnesota staff members worked with Seoul National University to develop and rehabilitate certain of its colleges.

Many projects which properly can only be undertaken by a large university, flourish in Minnesota and bring benefits of various kinds to the State.

For instance, vast sums of money are poured into Minnesota each year because University research projects make it an attractive location for industry. The history of the electronics industry in Minnesota dramatically illustrates one way in which University facilities and personnel draw industry to this area. Largely because the University is here, the State now houses 150 electronics industries that have a combined annual payroll of \$225,000,000 and annual sales of \$750,000,000.

# CONTROL DATA

CORPORATION

8100 34TH AVENUE SOUTH, MINNEAPOLIS 20, MINNESOTA • TELEPHONE 888-5555

COMPUTER DIVISION  
CEDAR ENGINEERING DIVISION  
CONTROL CORP. SUBSIDIARY  
RESEARCH DIVISION

December 6, 1962

Dr. William Shepherd, Chairman  
Minnesota State Committee on Electronic Industries  
Department of Electrical Engineering  
University of Minnesota  
Minneapolis 14, Minnesota

Dear Dr. Shepherd:

As Chairman of the Minnesota State Committee on Electronic Industries, and as Head of the Department of Electrical Engineering of the University of Minnesota, you, I am sure, know the vital part that the University of Minnesota plays relative to Minnesota Industry as a whole.

As a member of the electronics industrial community, I feel acutely aware of the contribution of the University of Minnesota to this industry. Because the Electronics Industry is probably the most highly technical of Minnesota industries, the contribution of the University is proportionately even more significant than to most, and certainly the future needs of this industry are going to create an ever increasing need for every bit of assistance that the University can give it.

The Electronics Industry in Minnesota employs approximately 50,000 people and the gross sales, resulting from this Minnesota activity, are \$750 million annually, with a payroll of \$225 million. Thus, the Electronics Industry is the fourth largest industry in Minnesota. The 150 electronics companies of this state add to their payroll each year approximately the same number of electrical engineers that the University graduates.

The rapid growth of this industry, and its high technical and business specialization, causes it to need an ever increasing number of qualified, technically trained people - - engineers, mathematicians, physicists, and business administrators.

It is manifest that if the Electronics Industry is to continue to expand in Minnesota, according to its opportunities, a continually expanding and improving educational system (curricula, facilities and teaching staffs) is required, particularly at the University level, wherefrom the source of qualified manpower must originate.

Dr. William Shepherd

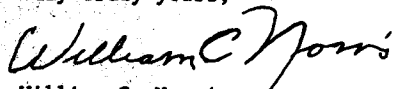
-2-

December 6, 1962

Control Data Corporation considers itself indeed fortunate to have so many qualified people on its staff who have been graduated from the University of Minnesota. This group of people is this company's prime asset. We also consider it a unique opportunity to work with the University of Minnesota in establishing and carrying out an advanced post-graduate engineering curriculum, and some new training techniques which will beneficially affect the educational opportunities for all Minnesota students.

We look forward to, and need, expanded research and educational facilities even beyond those presently available, however, in order to assure the maximum future of this industry in Minnesota.

Very truly yours,

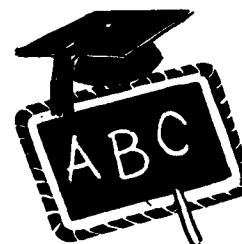
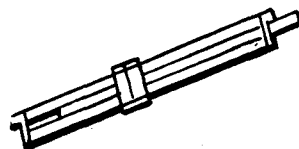
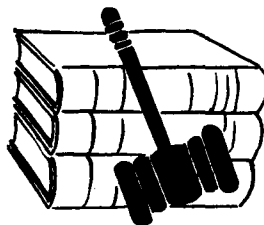
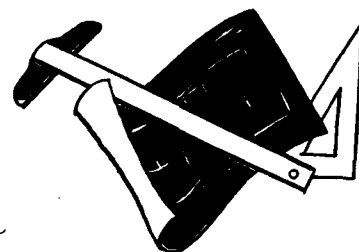
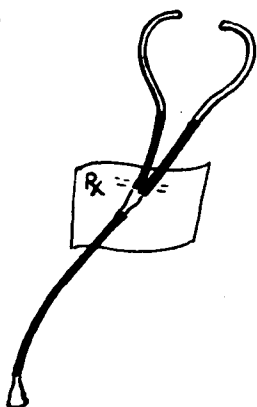
  
William C. Norris  
President

# WHAT THE UNIVERSITY DOES FOR EDUCATION IN MINNESOTA

The University offers opportunity on its campuses for men and women to equip themselves for the business and art of living. Here they receive the education that enables them to serve their communities well. For whatever role our sons and daughters are being prepared here — businessmen or housewives, lawyers or doctors, engineers, dentists, farmers, architects, social workers, teachers, veterinarians, journalists, home economists, statisticians, nurses — the training they receive at the University of Minnesota goes back to strengthen the communities of the State.

At every commencement, members of the graduating classes who are R.O.T.C. cadets and midshipmen become officers in the Army, Navy, Air Force, and Marine Corps. This is another career opportunity that becomes increasingly important in today's world.

The University's educational service is not confined to its campuses. Its resources are used in one form or another by just about every one of the 3,413,864 residents of Minnesota in the 87 counties of the State. All Minnesotans may avail themselves of its facilities.





Worker Education Program  
Across the State

BROADCASTING CONFERENCE FOR  
HIGH SCHOOL SENIORS

Graduate Training in  
Electrical Engineering

Five-State News Executives  
Conference

FACULTY LEADS 53,000  
4-H CLUB MEMBERS

CONTINUATION COURSES  
BY MEDICAL SCHOOL

School Lunch Workshops

DENTAL  
SHORT COURSES &  
SEMINARS

3800 Agriculture  
Training Meetings for Leaders

Soil Analysis

Community Planning

65 Class Sections  
Given in Recreational Sports

POLLEN COUNTS

SCHOOL SURVEYS

FARM AND HOME  
MANAGEMENT WORKSHOPS

Institutes on  
Juvenile Delinquency

SHORT COURSE FOR  
WEEKLY NEWSPAPER EDITORS

50 AGRICULTURAL COURSES AND  
CONFERENCES ACROSS THE STATE

OPEN HEART SURGERY

MANAGEMENT TRAINING  
FOR AIR FORCE PERSONNEL

10,000 Study Correspondence Courses  
In the Last Year

KUOM

INDUSTRIAL CONSULTATION  
Family Counseling  
CONCERTS

COURSES IN  
RECREATION LEADERSHIP

ANIMAL DISEASE DIAGNOSIS

Home Agents

REFRESHER COURSES IN  
MANY FIELDS

AUDIO-VISUAL  
EDUCATION SERVICE

Management Development Program

UNIVERSITY OF MINNESOTA  
TELEVISION HOUR

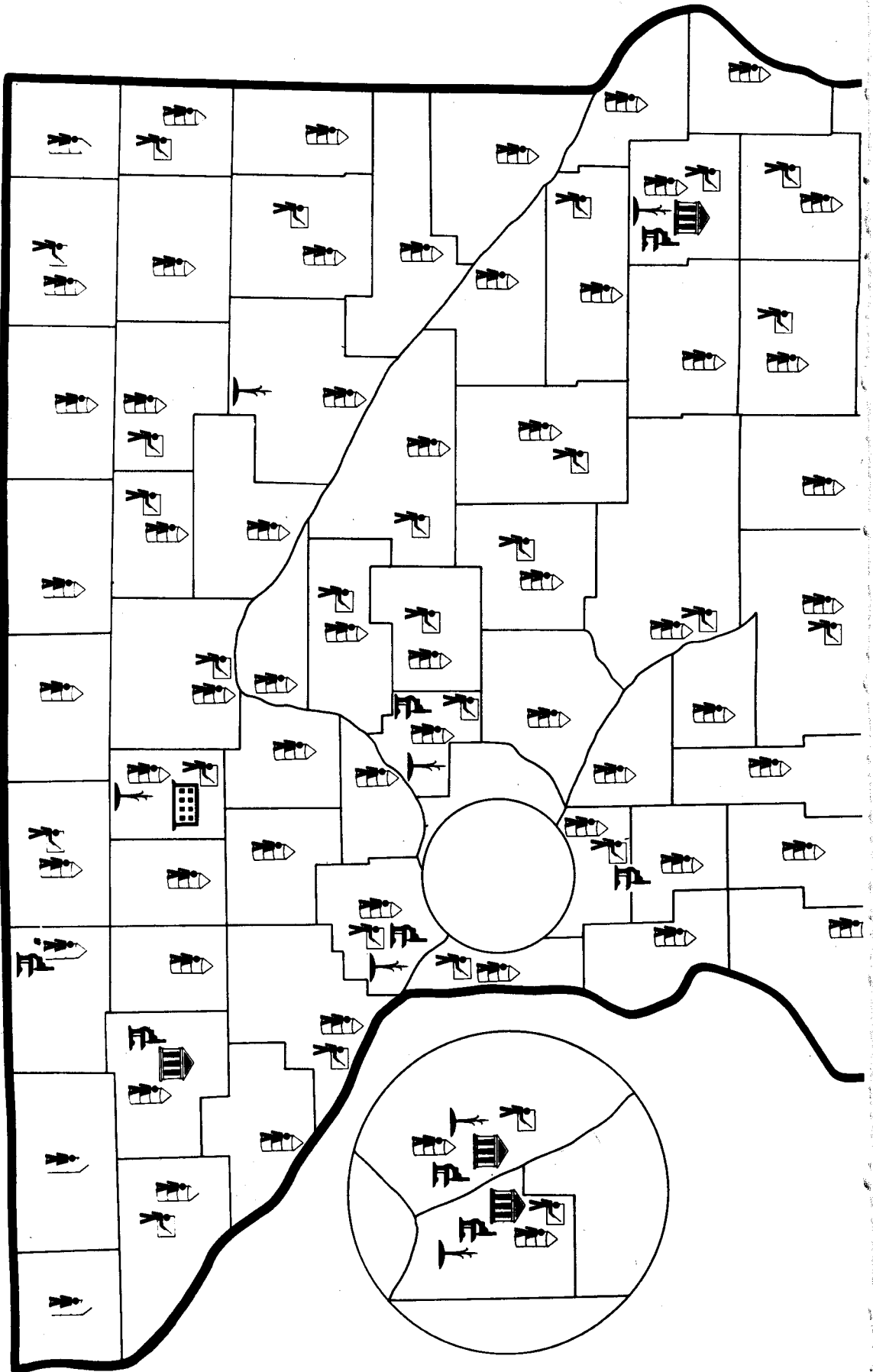
MINNESOTA  
SCHOOL OF THE AIR

Minnesota Museum  
of Natural History  
Community Health

AGRICULTURAL AGENTS  
IN EVERY COUNTY

GEOLOGICAL SURVEYS

Mineral Analysis



Centers of Resident Collegiate Instruction



Schools of Agriculture



Research



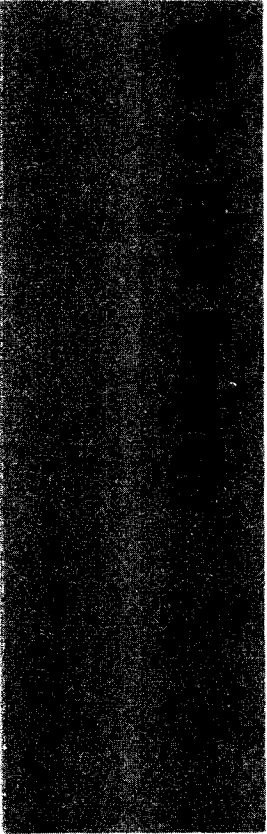
General Extension and Short Courses

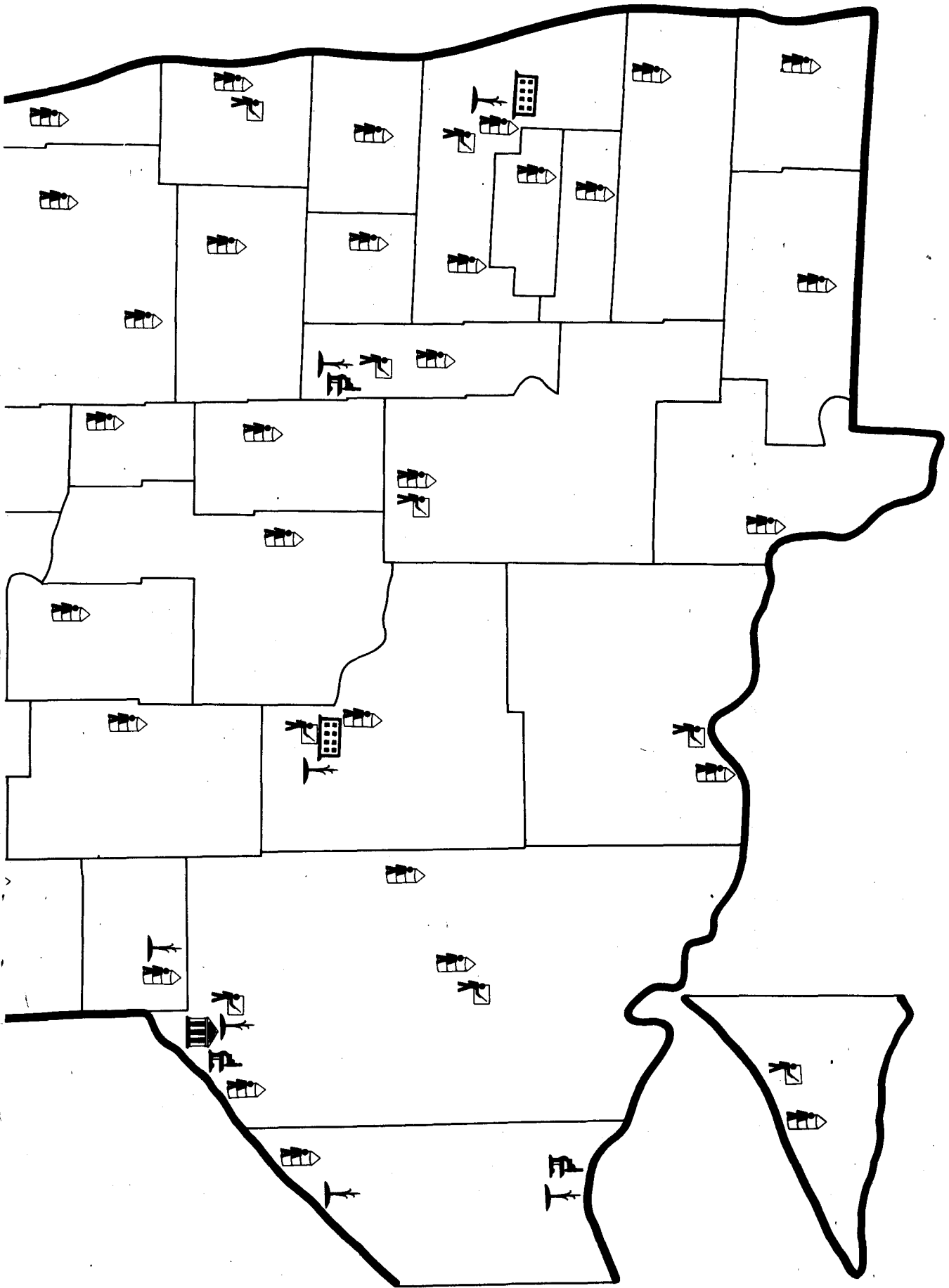


Experiment Stations



Agricultural Extension Services  
Including County Agricultural Agents,  
Home Agents, 4-H Club Agents





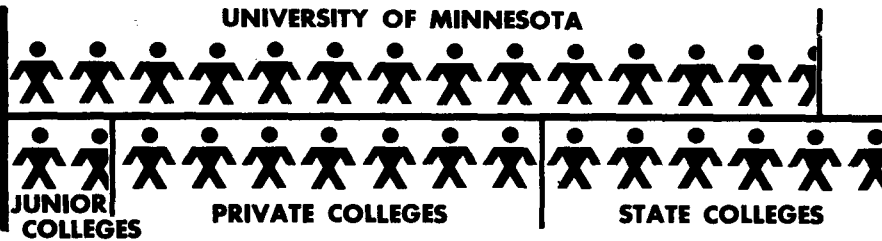
# WE MEET THE PRESENT

The opening of the 1962-63 academic year brought the following college-level enrollments\* to the State of Minnesota:

Type of Institution	Number of Students	Percentage of College Population Represented
Junior Colleges	4,137	6.0%
Private Colleges	17,653	25.4%
State Colleges	14,154	20.3%
University of Minnesota	33,616	48.3%

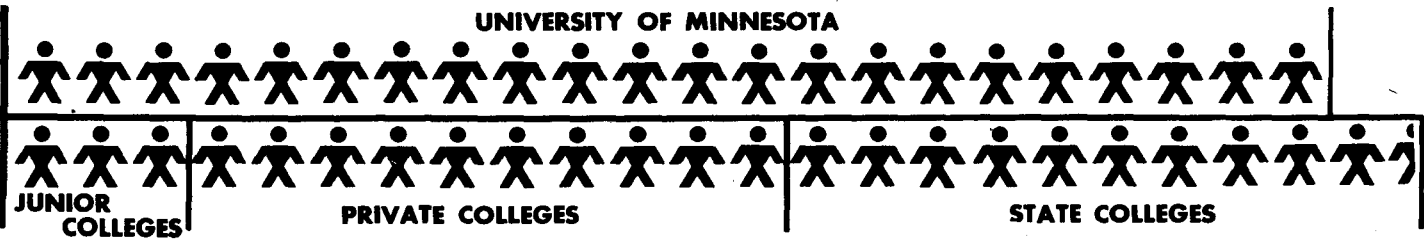
1962-63

Each Figure Represents 2500 Students



1972-73

Each Figure Represents 2500 Students



## WE LOOK TO THE FUTURE

• The University has built its program of teaching, research, and public service with the help of all Minnesota over a proud span of 112 years. Now, well into its second century of accomplishment, it faces new and more complicated tasks..

Within the next 10 years, the estimated full time college-level student enrollment\* in the State of Minnesota will be:

Type of Institution	Number of Students	Percentage of College Population Represented
Junior Colleges	8,721	7.5%
Private Colleges	25,216	21.8%
State Colleges	26,188	22.6%
University of Minnesota	55,700	48.1%

\*This represents only full time college-level enrollment as released by the institutions themselves.

In **1963**, there will be **43,998** eighteen year olds living in Minnesota

BUT

By **1964**, there will be **54,149** eighteen year olds living in Minnesota

AND

By **1965**, there will be **60,839** eighteen year olds living in Minnesota

In Today's World An Increasing Proportion of High School Graduates Go to College  
Colleges Must Train People to Live in that World Effectively

It Is Clear That The State's Higher Educational Demands Of The Future  
Will Be Heaviest On The University.

Therefore  
The University Must Measure its Needs and Plan to Meet Them With  
Meticulous Care.

# HOW NEEDS ARE MEASURED AT MINNESOTA

## THE FIRST YARDSTICK

### Recruiting and Retaining a Faculty

**1960-61**

The basic strength of a University depends on its faculty which represents its scholarly resources.

In 1960-61, the University of Minnesota compared average cash salaries plus fringe benefits at Minnesota with those of 10 other leading universities.\* The results were as follows:

Professors	4 institutions exceeded Minnesota
Associate Professors	7 institutions exceeded Minnesota
Assistant Professors	7 institutions exceeded Minnesota
Instructors	9 institutions exceeded Minnesota

**1962-63**

In 1961 the University asked the Legislature for an 8 percent increase in faculty salaries for each of the two years of the biennium.

The Legislature granted a 6 percent increase for 1961-62 and a 4 percent increase for 1962-63.

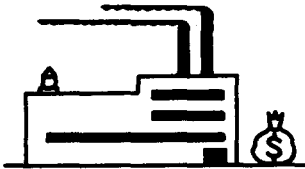
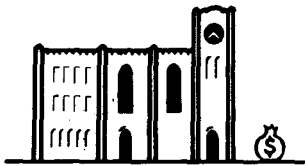
An identical survey made two years later showed that in 1962-63 Minnesota average cash salaries plus fringe benefits compared with those at the same universities as follows:


Professors	6 institutions exceeded Minnesota
Associate Professors	8 institutions exceeded Minnesota
Assistant Professors	10 institutions exceeded Minnesota
Instructors	9 institutions exceeded Minnesota

The University must meet competition not only from other educational institutions but from industry and business, which offer superior salaries and fringe benefits. These become increasingly serious considerations in recruiting and holding faculty.

Therefore, the University again is asking the Legislature for an 8 percent increase in faculty salaries for each of the two years of the new biennium.

\*(Wisconsin, Purdue, Indiana, Illinois, Ohio State, Iowa, Northwestern, Michigan, Michigan State, California)





The curriculum at the University of Minnesota includes the full range of academic disciplines. The University must offer instruction at several levels, each representing a specific educational need. Three of these levels cover the degree programs and are divided as follows:

- Teaching at the undergraduate level with emphasis on general, pre-professional education.
- Teaching in technical-professional areas where instruction is more complex and the demands on the teacher by individual students are heavier.
- Teaching in medicine, dentistry, veterinary medicine, and in the fields of graduate work and research which is the most specialized teaching of all.

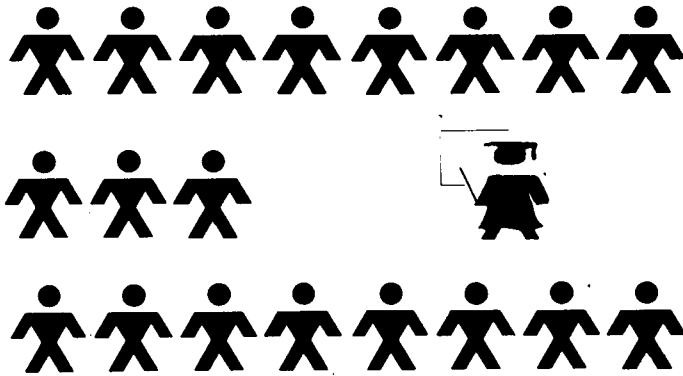
### **TEACHERS DO ALL THIS**

**Therefore the University Must Plan the Size of Its Teaching Staff Carefully**

### **HOW IS THIS DONE?**

- By** knowing the number of students we have and estimating the number we shall have.
- By** forecasting the subjects they will study.
- By** applying the following student-faculty ratio based on the several levels and the complexity of teaching that the University must do.

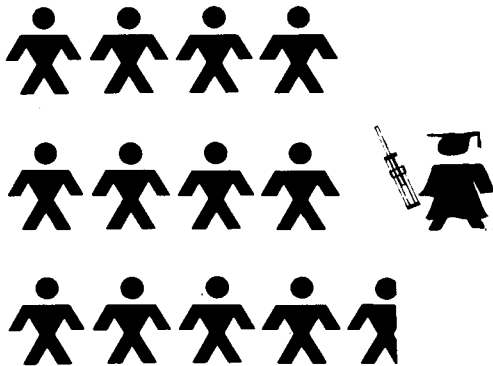
## This Is What Is Found



### **Undergraduate and Pre-Professional 19 to 1**

Faculty needs at the general undergraduate and pre-professional levels are based on a 19 to 1 student-faculty ratio. This means that for every 19 students, one teacher is needed. This ratio is used for the following colleges:

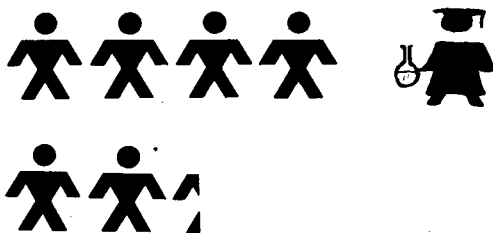
**COLLEGE OF SCIENCE, LITERATURE,  
AND THE ARTS**  
**GENERAL COLLEGE**  
**COLLEGE OF EDUCATION**  
**UNIVERSITY COLLEGE**  
**MORRIS CAMPUS**  
**DULUTH CAMPUS**



### **Technical and Professional 12.7 to 1**

The ratio for the technical and professional schools is 12.7 to 1, reflecting the levels and costs of the courses they require. This ratio is applied to the following colleges:

**INSTITUTE OF TECHNOLOGY**  
**SCHOOL OF LAW**  
**COLLEGE OF AGRICULTURE, FORESTRY, AND  
HOME ECONOMICS**  
**SCHOOL OF BUSINESS ADMINISTRATION**  
**COLLEGE OF PHARMACY**  
**COLLEGE OF MEDICAL SCIENCES  
(EXCEPT M.D.)**



### **Medicine, Dentistry, Veterinary Medicine, Graduate School 6.3 to 1**

The ratio is 6.3 in these fields which again reflects the highly specialized needs that must be met in these units of the University. This ratio includes the following:

**MEDICINE IN THE COLLEGE OF  
MEDICAL SCIENCES**  
**DENTISTRY**  
**COLLEGE OF VETERINARY  
MEDICINE**  
**GRADUATE SCHOOL**



## Faculty Additions

Requests for new academic positions in the 1963-65 biennium are based only on increases in enrollments since the fall of 1960. To provide the necessary additional instruction, using the student-teacher ratios outlined on the previous page, the University will require:

**240 additional positions in 1963-64**

**166 additional positions in 1964-65**

**THUS  
THE UNIVERSITY WILL NEED A TOTAL OF 406  
NEW POSITIONS IN THIS BIENNIUM.**

**THIS IS THE ONLY WAY IN WHICH THE UNIVER-  
SITY CAN CONTINUE TO SERVE THE STUDENTS  
AND THE PEOPLE OF MINNESOTA IN THE FACE  
OF RAPIDLY EXPANDING POPULATIONS.**

## THE THIRD YARDSTICK

# The Student Cost of Supplies, Expenses, and Equipment

The cost of supplies, expenses, and equipment has gone up to \$81.66 per student. (This is the average cost for the last three years.) Consequently, since the size of the student body also will increase significantly, the University needs additional funds with which to meet these additional expenses.

(See the itemized Summary of Needs, Page 17.)

---

## What the TOTAL Operations and Maintenance Needs Are

	<u>1963-64</u>	<u>1964-65</u>
For Operations and Maintenance, the University will need .....	\$50,124,904	\$55,821,882
But income from tuition fees, clinic fees, and sales at experiment stations will bring in .....	<u>15,949,020</u>	<u>17,266,265</u>
Therefore, the Legislative request for Operations and Maintenance will be ..	<u><u>\$34,175,884</u></u>	<u><u>\$38,555,617</u></u>

**WHAT ADDITIONS WILL THIS MONEY PROVIDE?**

**WILL THESE ADDITIONS BE SUFFICIENT?**

The following Summary of Needs gives the answers.

For the academic year, 1962-63, the Legislature appropriated \$27,910,764 for operations and maintenance. The University is requesting for 1963-64, \$6,265,120 more than was appropriated for 1962-63 and, for 1964-65, \$4,379,733 more than it is requesting for 1963-64. This table, from one of the 62 pages of the "Gray Book," prepared for use by committees of the Legislature, provides the answer in summary form to the question:

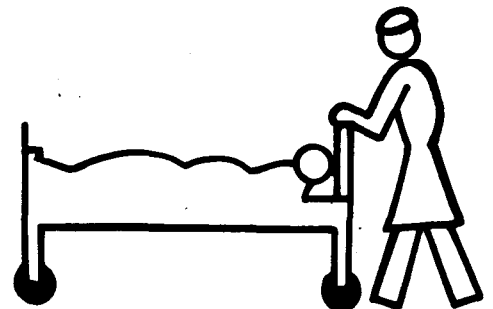
## What Will Be Done with the University Dollar?

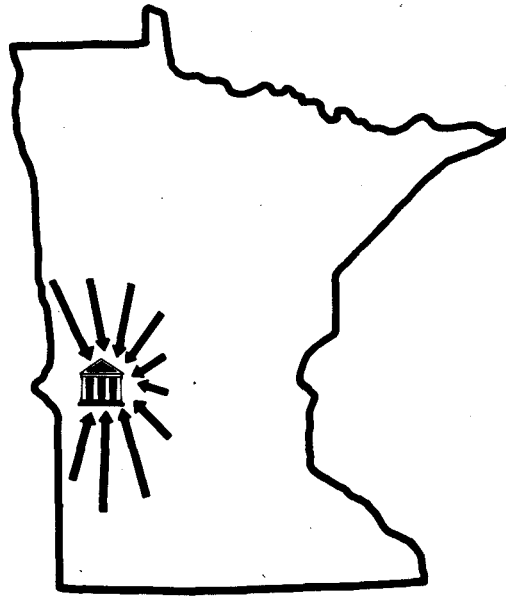
	Increase Each Year Over Previous Year	
	<u>1963-64</u>	<u>1964-65</u>
<b>Summary of Increases</b>		
<b>A. Academic Staff</b>		
1. Salary Improvement .....	\$1,544,961	\$1,853,762
2. Additional Staff .....	2,315,052	1,727,440
<b>B. Civil Service Salaries</b>		
1. Salary Adjustments		
Merit Increases .....	389,007	466,900
Proposed New State Pay Plan .....	766,573	
2. Additional Staff .....	1,135,390	1,050,160
<b>C. Mechanics Payroll</b>		
1. Salary Adjustments .....	98,176	
<b>D. Other Than Salaries</b>		
1. Supplies, Expense and Equipment .....	57,162	240,897
2. Physical Plant - Operating costs of new buildings .....	150,596	107,056
3. OASI-SERA Increases .....	272,240	138,119
4. Utility Increase .....	78,657	
5. Postage Increase .....	35,000	
6. Equipment and Laboratory Matching Funds .....	175,000	
7. Library Books and Periodicals .....	50,000	
8. Mines Tax Commission Increase .....	4,712	644
Total Increases .....	<u>\$7,072,526</u>	<u>\$5,584,978</u>
<b>E. Less Increase in Estimated Income<sup>1</sup></b> .....	807,406	1,205,245
Net Increase in Request .....	<u><u>\$6,265,120</u></u>	<u><u>\$4,379,733</u></u>

<sup>1</sup>Excluding Summer Session and General Extension Division Increase.

# University Hospitals

	Appropriation	Request	
	1962-63	1963-64	1964-65
<b>University of Minnesota Hospitals</b>			
From the State	\$2,070,612	\$2,417,302	\$2,644,094
From the Counties	2,070,612	2,417,302	2,644,094
Total	<u>\$4,141,224</u>	<u>\$4,834,604</u>	<u>\$5,288,188</u>
Psychopathic Hospital	700,501	800,442	865,588
Child Psychiatric Hospital	271,538	307,212	318,668
Rehabilitation Center	459,293	548,358	680,923
Multiple Sclerosis Clinic	55,000	72,883	79,251
Total	<u>\$5,627,556</u>	<u>\$6,563,499</u>	<u>\$7,232,618</u>
<b>Summary by Source</b>			
From the State	\$3,556,944	\$4,146,197	\$4,588,524
From the Counties	2,070,612	2,417,302	2,644,094
Total	<u>\$5,627,556</u>	<u>\$6,563,499</u>	<u>\$7,232,618</u>





## University of Minnesota, Morris

The Regents of the University of Minnesota are presenting a separate request to the Legislature for the needs of the University of Minnesota, Morris.

The collegiate program on the Morris campus, begun in 1960 with a freshman class of 238 and the generous support of residents of that region who contributed more than \$50,000 to the undertaking, now serves an academic community of 522 students, who come from an increasingly wide geographical area throughout the State. Of these, 229 are freshmen, 186 are sophomores, 92 are juniors, and 15 are adult special students. Admission requirements and the curriculum at the Morris campus continue the same high standards maintained throughout the University. These have resulted in a student body of excellent caliber which has an assured academic accreditation.

To meet the demands of an increasingly large student body and faculty, a widening curriculum, and multiplying services, the University of Minnesota, Morris, is requesting \$504,068 for 1963-64 and \$637,566 for 1964-65.

The physical plant at Morris, which was the University's West Central School of Agriculture and would have cost approximately \$5,500,000 if it had to be built from the ground up, is being utilized for instruction and housing. It is filling an urgent need for higher education in west central Minnesota as it offers expanding educational opportunities to young people drawn from 46, or more than one-half, of Minnesota's counties.

# Special Projects

Fund Name	Appropriation 1962-63	Legislative Request 1963-64	Legislative Request 1964-65
Agricultural Extension Service .....	\$ 740,000	\$ 898,988	\$ 997,217
Experiments in the Beneficiation of Maganiferous and Low Grade Ores and for Experiments in the Direct Process Beneficiation of Low Grade Ores-General Experiments .....	55,000	113,254	115,078
General Agricultural Research .....	525,000	798,991	824,996
Medical and Cancer Research .....	94,000	110,000	110,000
Livestock Sanitary Board Laboratory – VETER- INARY DIAGNOSTIC LABORATORY .....	65,000	104,152	117,121
Institute of Child Development .....	36,000	50,324	53,331
General Research .....	120,000	150,000	150,000
Minnesota Institute of Research .....	36,000	50,000	50,000
Livestock Sanitary Board – Testing of Poultry* ..	(44,000)	(62,998)	(64,109)
Agricultural Research-Rosemount .....	115,000	158,006	162,069
Hybrid Corn Maturity Tests* .....	(18,000)	(19,421)	(20,376)
Tuition and Transportation Aid for Students of Agricultural Schools .....	50,000	45,000	45,000
Business and Economic Research .....	45,000	75,000	80,000
Soybean Research .....	50,000	57,222	59,240
Geological Survey .....	35,000	152,051	154,078
Training Project in Delinquency Control .....	10,500	20,027	21,404
Hardwood Timber Species Research Fund .....	6,500	6,930	7,394
Psychiatric Research Fund .....	42,000	62,000	65,000
Training of Laboratory Aides .....	12,000	12,589	13,223
Special Education Training and Research Program .....	43,000	60,664	64,029
Legume and Grass Seed Research Fund .....	41,000	60,609	62,632
Industrial Relations Education Program .....	42,000	82,614	87,982
Experiments in the Beneficiation of Manganifer- ous and Low Grade Ores and for Experiments in the Direct Process Beneficiation of Low Grade Ores - Experiments with Emphasis on Ores of the Cuyuna Range .....	110,000	118,478	122,300
Maintenance of the Southwest Agricultural Ex- periment Station .....	44,096	58,013	61,646
Beneficiation of Industrial Minerals and Nonfer- rous Deposits .....		50,000	50,000
Special Assessments – Minneapolis Campus .....		13,088	
Special Assessments – Duluth Campus .....		7,981	
	<u>\$2,317,096</u>	<u>\$3,315,981</u>	<u>\$3,473,740</u>

\* Not included in Totals as this is a Transfer of Appropriation.

# LAND AND BUILDINGS

We have seen that 33,616 students are attending the University of Minnesota on a full-time basis this year.

It is predicted that a total of 55,700 students will want to come to the University of Minnesota 10 years from now.

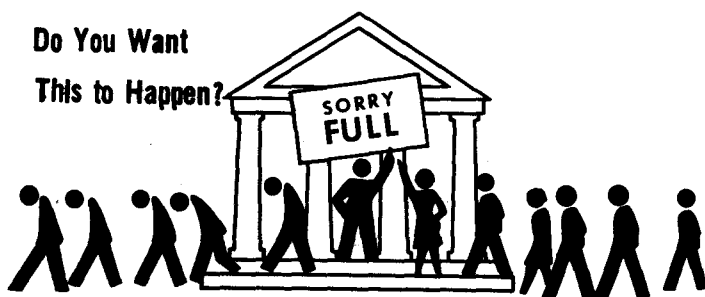
Hence, to our critical need for more teachers and more equipment and supplies, another need must be added.

## CLASSROOMS AND LABORATORIES

Additional classrooms and laboratories are urgently needed if the University is to serve the Minnesota students who will be seeking an education at the University. Without classrooms, laboratories, libraries, and dormitories, sufficiently large and sufficiently well equipped to do the job thoroughly, the University cannot meet the demands made upon it. The State of Minnesota, in its cities and through its school boards, has set a fine example in providing adequate facilities for elementary and high schools. Now there must be comparable expansion at the University level.

The University has worked carefully in developing estimated land and building needs for each of the next sessions of the Legislature. It has submitted these estimates in great detail to the State Building Commission. The following pages contain the itemized requests for building and for land as they appear in the last section of the "Gray Book".

Do You Want  
This to Happen?



## EXPLANATION OF REQUESTS

The detailed explanation of the University's building request is being submitted separately in a volume entitled "1963 Legislative Requests for Buildings, Rehabilitation, Land and Housing."

## SUMMARY BY CAMPUS

### Minneapolis Campus

#### NEW BUILDINGS

Library on West Campus:		
Planning funds, 4% of total		
estimated cost	\$ 344,500	
Half of construction cost	4,135,500	\$ 4,480,000
Planning funds for Humanities Building on West Campus, 4% of estimated cost		95,000
Auditorium type classrooms building on West Campus		3,149,000
Addition to Museum of Natural History (to match gifts)		280,000
Planning funds for Communication, Theater, and Classroom Building on West Campus, 4% of estimated cost		221,000
Office connection between Main Engineering and Electrical Engineering		128,000
Addition to Electrical Engineering Building		161,500
Completion of office buildings on West Campus		200,000
Laboratory and Classroom Building South of Chemistry, and Phase II of East Bridgehead Classroom Building		4,428,000
Scott Hall Addition		711,000
Completion of Stack Area in Fraser Hall		47,000
Education Laboratory and Office Building		1,374,000

#### REMODELING FOR NEW USE

Jackson Hall, Phase IV and Roofhouse		350,000
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#### REHABILITATION

Chemistry Building, Phase V		200,000
Library, Phase III		313,500
Electrical Engineering		173,000
Physics Building		179,000
University Hospitals		300,000
Rehabilitation of Main Engineering		219,000

#### UTILITIES AND SERVICE FACILITIES

New boiler at Heating Plant		1,020,000
Tunnel—secondary main heating tunnel and piping		490,000
Storm and sanitary sewer extension		162,000
Street relocation, West Campus—Fourth Street and River Road tie		126,500

**LAND NEEDS**

Instructional building and related uses, West Campus .....	1,500,000
Land acquisition alongside of Fourth Street S. E. between 17th and 19th Avenue S. E. ....	460,000
Land for Dental and Medical School ex- pansion (in block opposite Millard Hall) .....	175,000
<b>Sub-Total</b>	<b>\$20,942,500</b>

**St. Paul Campus****NEW BUILDINGS**

Addition to Snyder Hall for Agricultural Bio-Chemistry .....	\$ 1,450,000
Completion of Veterinary Diagnostic and Research Laboratory .....	351,000
Agricultural Economics and Rural Soci- ology Building .....	1,121,000
Crops Research Building (Phase II) .....	1,200,000
Entomology, Fisheries and Wildlife Building .....	2,385,000
Sheep Research Laboraotry .....	85,000
Farm Maintenance Shops and Storage Building .....	350,000
Horticulture Greenhouses, Headhouse and Laboratory .....	300,000

**REMODELING FOR NEW USE**

Green Hall (Remodeling and Equipment)	213,000
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**REHABILITATION**

Green Hall .....	57,000
Gymnasium .....	103,500
Snyder Hall .....	100,000
Elevators - Pathology and Agronomy ..	60,000
Northwest Greenhouses .....	100,000

**UTILITIES AND SERVICE FACILITIES**

New Heating Tunnel, including piping	276,000
Storm and sanitary sewer and water main extension .....	171,500
New roads, repaving, resurfacing and street lighting .....	115,000

**LAND NEEDS**

Land for research plots and to consoli- date Campus area (11.5 acres approxi- mately) .....	60,000
<b>Sub-Total</b>	<b>\$8,498,000</b>

**Duluth Campus****NEW BUILDINGS**

Library Addition .....	\$ 958,000
Physical Plant Shops and Garage .....	448,000
Classroom Addition .....	850,000
Planning funds for a Science Addition, 4% of estimated cost .....	48,000
Education Building completion and equipment .....	240,000
Industrial Education Building equipment	350,000
Study Hall .....	179,000

**REHABILITATION**

Elevators - Humanities, Tweed Gallery, and Science .....	75,000
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**UTILITIES AND SERVICE FACILITIES**

Heating Plant coal storage and handling facilities .....	200,000
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**HOUSING AND FOOD SERVICE NEEDS**

Single student housing, 176 students (25% of cost) .....	186,000
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**Sub-Total** \$ 3,534,000

**Morris Campus****COLLEGIATE FACILITIES**

Remodeling and Rehabilitation of Wom- en's Residence Hall .....	\$ 120,000
Rehabilitation of Dining Hall .....	70,000
Rehabilitation of Office of Student Serv- ices (Old Health Service) .....	18,700
Science Building (First Unit) .....	648,000
Library Building .....	500,000

**Sub-Total** \$ 1,356,700

**Schools of Agriculture and Experiment Stations****MORRIS CAMPUS**

Tunnels - Repairs and Exensions .....	\$ 69,800
Land Acquisition for Cattle Grazing ..	6,000
Beef Research Barn and Facility .....	20,000
Storage Units for Beef Nutritional Work (4 silos) .....	15,000
Pavings, Curbs and Gutters .....	48,900

**Sub-Total** \$ 159,700

**CROOKSTON CAMPUS**

Dairy Barn Rehabilitation, High Mois- ture Feed Storage, Silo, Dairy Research Barn Addition, Concrete Slabs for Yard, and Feed Handling .....	\$ 41,000
Rehabilitation of Existing Sheep Barn ..	6,000
Pole Barn and Handling Equipment for Experimental Sheep .....	6,000
Addition to Beef Feeding Shed .....	7,000
Farm Machinery and Motor Vehicle Maintenance Building .....	20,000
Rehabilitation of Stephens Hall .....	62,000
Street Lighting System .....	15,000
Repair of Curbs, Catch Basins and Drain- age .....	30,000
Water Main from Crookston City Limits to the Northwest School Campus .....	40,000
Storm Sewer from the Northwest School Campus to the Crookston Storm Sew- er System .....	50,000

**Sub-Total** \$ 277,000

**GRAND RAPIDS**

Add Complete Mechanical Training and Motors Shop to Engineering Building ..	\$ 50,000
Auditorium - Gymnasium Building .....	200,000
Complete Road Surfacing Project .....	7,500

**Sub-Total** \$ 257,500



## WASECA CAMPUS

Dormitory Wing .....	\$ 400,000
Loose Housing Building, Hay Storage and Feeding Building, and Dairy Milk- ing Parlor .....	26,240
<b>Sub-Total</b> .....	<b>\$ 426,240</b>

## Branch Stations

### CLOQUET FOREST RESEARCH CENTER

Student Washroom, Shower, Toilet and Laundry with New Sewer System ...	\$ 30,000
Sawmill, Planer and Wood Processing Building .....	10,000
Re-vamp Primary Electric Line .....	8,000
Remodel Superintendent's Residence ...	5,000
Begin Road and Grounds Improvement in Headquarters Area .....	5,000
Land for Planting Areas for Research ..	15,000
<b>Sub-Total</b> .....	<b>\$ 73,000</b>

### NORTHEAST EXPERIMENT STATION (Duluth)

Machine, carpentry and plumbing shop and remodeling present shop and shed into heifer barn .....	\$ 11,500
Machine Shed 156' x 42' (including scale)	13,000
Hay and Straw Storage Research Build- ing 36' x 60' .....	3,000
Fill and Pave Balance of Dairy Paddock	10,000
<b>Sub-Total</b> .....	<b>\$ 37,500</b>

### EXCELSIOR FRUIT BREEDING FARM

Staff Housing Replacement .....	\$ 10,000
Machine Shed Addition .....	5,000
<b>Sub-Total</b> .....	<b>\$ 15,000</b>

### LANDSCAPE ARBORETUM - EXCELSIOR

Machine Shed and Operations Buildings	\$ 8,000
<b>Sub-Total</b> .....	<b>\$ 8,000</b>

### ITASCA FORESTRY & BIOLOGICAL STATION

Addition to Research Laboratory No. 47	\$ 2,900
One Faculty Cabin .....	6,000
<b>Sub-Total</b> .....	<b>\$ 8,900</b>

### ROSEMOUNT AGRICULTURAL EXPERIMENT STATION

A Three-Bedroom Cottage on North Beef Farm .....	\$ 14,000
Sheep Barn, pole construction .....	12,500
Bituminous topping, approximately two miles of roads near the headquarters area .....	15,600
Beef Cattle Barn .....	15,000
Turkey Brooding House .....	28,000
Experimental Rearing Building for Chickens .....	21,000
Sewage Disposal System, Dairy Farm ..	20,000
<b>Sub-Total</b> .....	<b>\$ 126,100</b>
<b>Grand Total</b> .....	<b>\$35,720,140</b>

## The Rewarding Partnership

The people of Minnesota have always recognized the significance of their University in the life of the State, the life of the nation, and in the life of American higher education. The people of Minnesota, indeed, are an indivisible part of the University. Every distinction that has come to it, whether to medical research centers, classrooms, playing fields, libraries, creative activity or general scholarship, has come in equal measure to the people of Minnesota without whose understanding and benefactions none of its glory would be possible.

**THE UNIVERSITY MAKES THIS REQUEST** to the people of Minnesota through their elected representatives in the Legislature for the two years of the biennium, 1963-65.

**THE UNIVERSITY MAKES THIS REQUEST** on the threshold of two years that promise some of man's greatest achievements, convinced that Minnesotans of all ages must be prepared to participate fully in them.

**THE UNIVERSITY MAKES THIS REQUEST** with confidence that the people of Minnesota will share, as they have always shared, the responsibilities and privileges of the University.

KUOM-AM (Minneapolis) - KUMD-FM (Duluth)      Drama Advisory Ser  
Center for Continuation Study      Schools of Agriculture in Crookston  
Scholarships and Grants from Trade Unions, Business Corporations, P  
Veterans of Foreign Wars Cancer Research Center      Film Library  
College of Medical Sciences      Ames Library of Southeast Asia      M  
University College      American Legion Memorial Research Professor  
Mormel Institute in Austin      Maplewood Park, Waseca      Mines Exp  
Agricultural Experiment Stations in Duluth, Morris, Crookston, Grant  
Municipal Reference Library      General Extension Division      Psycho  
Upper Midwest Research and Development Council      University of  
St. Anthony Falls Hydraulic Laboratory      Minnesota's 4-H Clubs  
International Relations Center      Cedar Creek Natural History Area  
Minnesota Museum of Natural History      Correspondence Courses  
Forestry and Biological Station at Lake Itasca      Mayo Foundation  
University of Minnesota, Morris      Minnesota Daily      General Co  
Gamma Ray Facility      Project for Continuing Education for Women  
Rosemount Aeronautical Laboratories      Frances Miller Brown Mem  
Animal Diagnostic and Research Laboratory      World Affairs Center  
Soil Testing Laboratory      School of Dentistry      Institute of Techn  
Cloquet Forest Research Center      Minnesota Geological Survey

Masonic Me

● GROWING FACULTY INTEREST IN A NEW LEARNING TECHNIQUE LED TO THE ESTABLISHMENT, on November first, of the University's Center for the Study of Programmed Learning. Financed by a three-year grant from the Louis W. and Maud Hill Family Foundation, the Center is now functioning in 109 Nicholson Hall providing information and aid to faculty members, as well as conducting evaluative research studies on programmed learning.

The term "programmed learning" refers to a method of instruction by which the student is given information in small doses, usually a group of sentences at a time, each group building on those that came before it, and each step gradually becoming more difficult. At each step the student is forced to respond before he moves on to the next step. The reward of finding his answer correct keeps him responding. Programmed instruction can be presented by machines, cards, or books. So far, only the book form has been used in University classes although research work is being done with machine programs.

"We're fairly well convinced that significant improvement of the entire instructional procedure can be made through programmed learning," says Russell W. Burris, Director of the Center and Asst Prof (Gen Coll). "But," he goes on, "several questions remain." One of the things the Center is trying to find out is what, in terms of academic achievement, are the outcomes of programmed learning as compared with input in time and effort by the student, plus administrative costs. "We do know programmed learning does teach," says Professor Burris, "but we do not know to what degree these are really efficient. The whole question is trying to develop greater understanding of the learning process -- particularly as we approach it in an instructional institution."

"A lot of programs are being put on the market," says Professor Burris. "There are now about 40 different programs at college level. Some appear to be very good, some very poor. Another part of our job is to aid in evaluating these programs."

Besides helping faculty members select commercially published programs for their classes, the Center will give technical aid to those who want to develop their own program. "We are not trying to become expert in every discipline," says Professor Burris -- the academic staff will determine program content -- "but we will try to work with the faculty in the technique of programming."

Another objective of the Center is to help determine how programs are to be used best in the University. Different types of programs might be used with different types of courses. For example, in some courses a program might be used to introduce the subject matter to a student who would meet the instructor only after completing the programmed material. Or a student might take a program concurrent to a lecture, in the same way a student would ordinarily read a text. A program might even be entirely supplementary and not covered at all by a text or lecture.

Faculty attitude toward programmed instruction "has been very good," says Professor Burris. In a recent two-week period he was contacted by twelve interested faculty members from a wide variety of areas: Nursing, Agriculture, the Institute of Technology, and SLA. "Programmed learning enables you to watch how individual students learn," says Professor Burris. The teacher as well as the student seems to benefit from the experience. "My own lectures, I'm convinced, have improved tremendously." Student attitude is also highly favorable. One survey of an Upper Division class which completed a programmed course showed 85 per cent of the students believed they got as much or more through the programmed text than through a regular text.

Book form programs are now being used in four University courses; three General College courses and one Upper Division psychology course, plus a number of courses where programmed instruction is being used in research, not necessarily as parts of courses. Research work is also being done with machines in several classes.

There are very few projects of this type existing in other universities, according to Professor Burris, perhaps only four or five. Many schools are doing research he says, "but really helping the faculty throughout the University is not common at all." Facilities of Minnesota's Center are available to any faculty member seriously interested in programmed learning or the learning process.

Professor Burris feels that in the three years of operation it is allowed under its original grant, the Center will have proved the kind of research it is conducting to be of vital importance. He anticipates the Center's eventual expansion and relation to a larger "Center of Human Learning" concerned with all aspects of human behavior.

An advisory board, representing almost all units of the University, has been appointed to provide continuous evaluation of the Center in meeting the needs of the University faculty. Members of the Board include Robert H. Beck, Prof (Hist & Phil Ed) Chairman; Emma Birkmaier, Prof & Hd (U High); Francis M. Boddy, Assoc Dean & Prof (Grad Sch & Econ); Henry Borow, Prof (Gen Coll); Russell W. Burris, Asst Prof (Gen Coll); Stephen G. Granger, Assoc Prof (UMM); Robert L. Heller, Prof & Hd (Geol - UMD); James J. Jenkins, Prof (Psych); Richard C. Jordan, Prof & Hd (Mec Engr); Kenneth MacCorquodale, Prof & Chm (Psych); Robert C. McClure, Prof (Law); Keith N. McFarland, Asst Dean & Prof (Ag); Horace T. Morse, Dean & Prof (Gen Coll); Daniel C. Neale, Asst Prof (Ed); Robert Orlando, Asst Prof (Ed Psych); Alton L. Raygor, Assoc Prof (Stu Con Bu); Edward S. Sulzer, Asst Prof (Clin Psych); Armas W. Tamminen, Assoc Prof & Hd (Psych - UMD); Malcolm M. Willey, V Pres (Acad Adm).

● THE POST OFFICE DEPARTMENT HAS SOME FUNNY RULES. ONE RULE PREVENTS THE UNIVERSITY from mailing its *Statement of Needs* as an insert to its *Staff Bulletin*. It became necessary, therefore, to create another "publication" for this one occasion and it is this new "publication" which accompanies this *Statement of Needs*.

● THE GENERAL EXTENSION DIVISION IS OFFERING A LECTURE SERIES ON "FOLK AND JAZZ: Music of the American People" beginning in mid-January which should prove to be one of the outstanding series of the season. The series will attempt to answer the perennial question "What is jazz?" There will be musical examples in each lecture and a number of them will include live musical productions.

American music is becoming increasingly the popular music of the world. Folk and jazz music are especially recognized abroad as America's own special contribution to world culture. Discussion by experts on the topic should make an enlightening six lectures, Wednesday nights from January 16 through February 20, 8:30 in Nicholson Hall auditorium. Educational admission tickets (staff, teachers, students) are \$6.50, available at 156 Nicholson Hall.

● THE FOLLOWING STAFF MEMBERS WERE RECIPIENTS OF REGENTS' SCHOLARSHIPS FOR FALL quarter day classes: Marian H. Anderson, Head Nurs (Hosp); Marilyn B. Benjamin, Sr Clk Typ (Adm and Rec); June B. Checklund, Lib Asst (Math Phys Lib); Carl V. Cockrell, Jr., Lab Tech (Trainee) (Ophthal); Albert D. Cohen, Engr (Plt Serv); Wayne W. Daley, San (Health Serv); Donald P. Duncan, Jr Lib (Lib); Nancy H. Dyer, Lab Tech (Vet Path and Paras); Leonard E. Englund, Sr Clk (Lib); Colleen F. Flath, Lab Tech (Ophthal); George W. Fornell, Pat Adv (U Atty); Elmer A. Frobom, Gard (St. Paul Camp Gen Serv and Main); Lowell G. Funston, Print Asst (Print Dept); Merlin B. Garlid, Sr Acct (Bus Off); J. F. Hanson, Jr Lib (Lib); Virginia R. Havener, Jr Scien (Ophthal); Martha F. Hilgeman, Lab Tech (Dairy Ind); Lilian Huehnert, Sr Lab Tech (Path); Patricia J. James, Sr Sec (Psych-Educ Clin); Laverne G. Isenberg, Asst Scien (Agron); Gardella H. Johnson, Sr Clk Typ (Vet Physiol and Pharm); Robert L. Kaster, Sr Lab Tech (Rad Ther); Sandra Krohn, Sr Clk Typ (SAB); Kathleen T. Kuha, Jr Scien (Physiol); Rosemary A. Kumhera, Sec (Drama Adv Serv and Loan Play Lib); Arthur Ledoux, Prin Lab Anim Att (Surg); James Mattson, Sr Engr (Plt Serv); Rodney Murphey, Lab Anim Att (Surg); Jeanene Noll, Sr Clk Typ (V-P Wenberg's Off); Frances Nowicki, Sr Clk (Camp Mail); William Olson, Lab Tech (Vet Physiol and Pharm); Clifford Peterson, Bldg Crtrk (Plt Serv Duluth); Elvera Pfeifer, Sr Clk Typ (Health Serv); Arlowen Pflaum, Clk Typ (Educ); Betty Jo Points, Sr Clk Typ (Rur Soc); Philothea Ravenscraft, Sr Clin Nurs (Hosp); Janice Rosse, Sr Sec (Ag Ext Serv); Ajitkumar Sanghvi, Jr Scien (Med); Viola Sheeks, Sr Clk Typ (Bus Off Duluth); Edna Shipman, Sr Res Hall Coun (Res Halls Duluth); Constance Smith, Sec (Law School); Thomas Spaise, Comp Prog (Data Proc Cent); Elizabeth Stiene, Stud Tech Sup (Hosp); Hubert Thibodeau, Jr Engr (Plt Serv); Herbert Thorie, Fireman (Plt Serv); Vincent Tookenay, Sr Lab Tech (Surg); Sarona Weaver, Sr Clk Typ (Pers Rec); Maxine Winfield, Lab Tech (Anat); Mary Winkler, Sr Sec (Anesth); Delphine Winter, Sr Clk (Pay Dept); Thalia Wittman, Jr Lib (Lib); Kenneth Zimmerman, Rm Sched Anal (Adm and Rec).



● SENATOR HUBERT H. HUMPHREY OF MINNESOTA WILL DELIVER THE 1962-63 SIDNEY HILLMAN Lecture at 8:00 p.m., Thursday, January 3, in Northrop Memorial Auditorium. An alumnus of the University of Minnesota and a former faculty member of its Department of Political Science, he will speak on "Alliance for Progress: A First-Hand Report."

The lecture, which is supported by a gift of the Sidney Hillman Foundation to the University, memorializes the late labor leader who was a pioneer in the development of the American labor movement, collective bargaining and workers' education. It will be given during the week which marks the centennial of the Emancipation Proclamation. President O. Meredith Wilson will introduce the speaker. The lecture is open to the public without charge. It is hoped that a great number of staff members and their families will attend.

● RECENTLY RELEASED 1963 LEGISLATIVE BUILDING COMMISSION RECOMMENDATIONS FOR the University total \$17,035,825. This is \$9,246,474 more than the Legislature's appropriation for the 1961 biennium which was shelved last year pending the passage of Amendment 2. The state building plan faces legal difficulties at this point. According to Stanley J. Wenberg, V Pres (Ed Rel & Dev), bonding firms do not feel they can issue certificates of indebtedness, which have been used since 1909 to bypass a \$250,000 debt limit for borrowing money, until there is a more clear determination of the 1961 law requiring passage of Amendment 2 for issuance of such certificates. The legal question is whether the Legislature can hinge a 1961 building bill on the outcome of a 1962 election.

The University's current plan, says Vice President Wenberg, seems to be to take the 1961 building bill, in some form, back to the 1963 legislative session in hopes it can be repassed very early in this session. If it were, the following work could be started:

- Minneapolis Campus - Principally; the West Bank library, an auditorium type classroom, and a new boiler at the heating plant - \$9,477,625.
- St. Paul Campus - Basically an entomology, fisheries, and wildlife building - \$4,236,500.
- Duluth Campus - Mostly for a library addition and for the education building completion - \$1,961,000.
- Morris Campus - Science and library buildings and the rehabilitation of the women's residence hall - \$1,356,700.
- Morris Experiment Station - Mainly for repair and extension of tunnels and for a beef research barn - \$110,800.
- Crookston Experiment Station - Essentially rehabilitation of Stephens Hall - \$69,000.
- Rosemount Experiment Station - Mainly beef cattle barn - \$29,000.
- Cloquet Research Center - Mainly wood processing building - \$15,000.
- Excelsior Fruit Breeding Farm - Staff housing replacement - \$10,000.
- Itasca Forestry and Biological Station - Faculty cabin and research lab addition - \$8,900.

Legislative Building Commission recommendations for the 1963 biennium, excluding highway building, total \$47,459,428. A total \$12,338,500 was recommended for the state colleges. Other appropriations recommended were: hospitals, \$6,776,860; children's hospitals, \$4,140,332; adult correctional institutions, \$2,306,866; youth conservation, \$1,150,695; other, \$3,710,350.



Carlyle Anderson



Dr. Braasch



Henry C. Mackall



John Fesler



Mrs. Gale



Lloyd Hatch



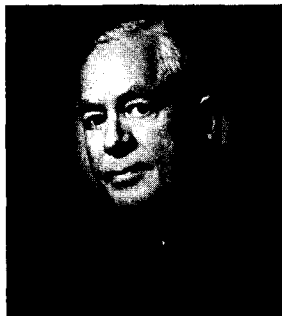
Frederick Kappel



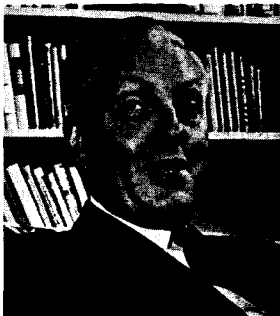
Laurence Lunden



Lester Malkerson



Dr. Mayo



Arthur Motley

● **FOURTEEN ALUMNI AND FIVE UNIVERSITY** officials were among those named to the newly-organized University of Minnesota Foundation's first board of trustees.

● Chairman of the Foundation's board for a three-year term is Henry C. Mackall, (B.L., Harvard 1909) of the Minneapolis law firm of Mackall, Crouse, Moore, Helmeý and Holmes.

The five trustees selected by University Regents are:

● Dr. Charles Mayo, four-year term, chairman of the Board of Regents, Mayo Clinic surgeon and a professor in the University's Mayo Foundation for Medical Education and Research.

● Lester A. Malkerson, one-year term, University Regent and president of Malkerson Motors.

● University President O. Meredith Wilson, three-year term.

● Laurence R. Lunden, V Pres (Bus Ad) two-year term, secretary of the Board of Regents.

● Stanley J. Wenberg, V Pres (Ed Rel & Dev) one year term.

The other 15 members of the board are:

● Carlyle E. Anderson, (B.B.A. 1932; Outstanding Achievement Award Winner 1959) four-year term, president of the board of trustees, heads Wyckoff-Anderson, Inc., a commercial finance and investment firm.

● Dr. William F. Braasch, (Prof Emer, Outstanding Achievement Award 1951) four-year

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William L. Nunn, Director Georgann Koelln, Editor  
Advisory Committee: University Public Information Council

term, was head of the urology section at Mayo Clinic for 40 years until his retirement in 1947.

●John K. Fesler, (B.A. 1924; B.L. 1926; Outstanding Achievement Award 1954) two-year term, president of Lampert Yards, Inc. He is past chairman of the Greater University Fund.

●Mrs. Richard P. Gale, (B.A. 1921, U of M; M.A. 1912, Radcliffe) one-year term, outstanding community leader.

●Lloyd A. Hatch, (B.S. in Chem Eng. 1923; Outstanding Achievement Award 1954) two-year term, vice president of Minnesota Mining and Manufacturing Company. He served as a trustee of the Greater University Fund.

●Frederick R. Kappel, (B.E.E. 1924; Outstanding Achievement Award 1954) two-year term, chairman of the board of American Telephone and Telegraph Company.

●Arthur H. Motley, (B.A. 1922; Outstanding Achievement Award 1952) three-year term, vice president of the board of trustees, is president of Parade Publications, Inc.

●Mrs. John G. Ordway, four-year term, wife of the chairman of the board of Crane and Ordway Company. She is a past chairman of the Women's Association of the Minnesota Historical Society.

●Jay Phillips, four-year term, secretary of the board of trustees, president of Ed Phillips and Sons Company, wholesale distributor.

●John S. Pillsbury, Jr., (B.L. 1940) one-year term, treasurer of the board of directors, president and director of Northwestern National Life Insurance Company.

●Theodore H. Rowell, Sr., (Outstanding Achievement Award 1960) two-year term, chairman of the board of Rowell Laboratories. He attended the University's college of pharmacy in 1925-27.

●George A. Russell, (B.S. in Bus; Outstanding Achievement Award 1955) one-year term, senior vice president of the board of trustees, executive vice president of General Motors Corporation.

●Parker D. Sanders, (B.S. in Agr. 1918) three-year term, was a trustee of the Greater University Fund from 1948 to 1955, and a director of the College of Agriculture, Forestry and Home Economics Alumni Association in 1959-61.

●Harold W. Sweatt, (B.A. 1913; Outstanding Achievement Award 1952) four-year term, vice president of the board of trustees, chairman of the finance committee of Honeywell Company.

●Edgar F. Zelle, (B.A. 1913; Outstanding Achievement Award 1951) three-year term, chairman of the board of Jefferson Transportation Company.



Mrs. Ordway



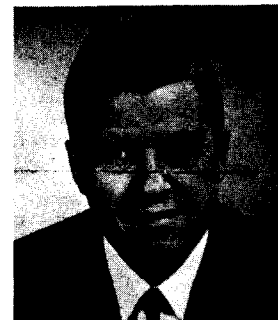
Jay Phillips



John Pillsbury, Jr.



Theodore Rowell, Sr.



George Russell



Parker Sanders



Harold Sweatt



Stanley Wenberg



O. Meredith Wilson



Edgar Zelle

# University of Minnesota Calendar of Events

## JANUARY, 1963

### MINNEAPOLIS SYMPHONY CONCERTS

Friday Subscription Series

*Northrop Auditorium, 8:30 p.m.*

January 4 -- Rudolf Firkusny, pianist, Frederick Fennell conducting

January 18 -- Sixten Ehrling, guest conductor

January 25 -- Seiji Ozawa, guest conductor

(Single tickets \$2.50 to \$4.75) †

Sunday Symphony Series

*Northrop Auditorium, 4:30 p.m.*

January 6 -- American Musical Theatre, Frederick Fennell conducting

January 20 -- Music from Vienna, Frederick Fennell conducting, Norman Carol, violinist

January 27 -- Festival of Marches, Frederick Fennell conducting

(Single tickets: \$2 reserved seats; \$1.50 unreserved seats) †

Special Concert

*Northrop Auditorium, 8:30 p.m.*

January 12 -- Andre Kostelanetz conducting, the Minneapolis Symphony Orchestra (Tickets \$2 to \$4) †

### UNIVERSITY ARTISTS COURSE

Masterpiece Series

*Northrop Auditorium, 8:30 p.m.*

January 16 -- Isaac Stern, violinist (Single tickets \$2.00, \$2.50, \$3.00, \$3.50, \$4.00)\*

Special Concerts

*Northrop Auditorium, 8:30 p.m.*

January 9 -- Agustin Anievas, pianist, special concert by invitation only

January 19 -- Peter, Paul and Mary, Greek Week Benefit Concert

(Single tickets \$2.00, \$2.50, \$3.00, \$3.50, \$4.00)\*

### KAFFEE KONZERTS

*Main Ballroom, Coffman Union  
11:30 a.m. to 1:30 p.m.*

January 7 -- String Sextet

January 16 -- The Minneapolis Symphony Woodwind Quintet, under Cloyde Williams

### SPECIAL LECTURE

*Northrop Auditorium, 3:30 p.m.*

January 28 -- Dr. Martin Luther King

### UNIVERSITY THEATER PRODUCTIONS

Regular Production

*Scott Hall Auditorium, 8:00 p.m.*

January 31 -- *Love's Labour's Lost* by Shakespeare

(Single tickets \$1.75 on sale at the Scott Hall Box Office)\*\*

Special Production

*Scott Hall Auditorium*

January 10, 3:30 p.m.; January 11, 3:30 and 8:00 p.m.; January 12, 8:00 p.m. --

*Henry IV, Part 1* by Shakespeare (Single tickets \$1.75 on sale at the Scott Hall Box Office)\*\*

### CONVOCATIONS

*Northrop Auditorium, 11:30 a.m.*

January 3 -- Public rehearsal of Minneapolis Symphony Orchestra, Frederick Fennell conducting

January 10 -- University of Minnesota Concert Band Ensemble

January 17 -- Mayor Arthur Naftalin of Minneapolis

January 24 -- Travel in Greece, Morocco, Nigeria, and Peru, presented by Minnesota SPAN Association

January 31 -- "Birds of Prey," lecture-demonstration by Chuck Bindner, featuring living hunting birds

### SPECIAL CONVOCATION

*Northrop Auditorium, 8:00 p.m.*

January 3 -- Emancipation Proclamation Centennial Convocation and Sidney Hillman Memorial Lecture, Honorable Hubert H. Humphrey, United States Senator, speaker

### SPECIAL CONCERTS

January 29 - February 1 -- Fourth Annual Bach Festival:

January 29 -- Chamber Music Concert, Architecture Court, 8:30 p.m. (Admission charge)

January 30 -- Organ Recital by Heinrich Fleischer, University Organist, Northrop Auditorium, 8:30 p.m.

January 31 -- Informal Panel Discussion, Center for Continuation Study Lounge, 8:30 p.m.

February 1 -- Festival Concert - 200 Voice Bach Society Chorus, Orchestra and Soloists, Northrop Auditorium, 8:30 p.m. (Admission)

### MUSIC DEPARTMENT PROGRAMS

January 23 -- University of Minnesota Band Concert, Northrop Auditorium, 8:30 p.m.

January 7, 14, 21, 28 -- Music Hour, Scott Hall Auditorium, 11:30 p.m.

### MUSEUM SUNDAY PROGRAMS

*Museum of Natural History Auditorium  
3:00 p.m.*

January 6 -- "Modern Instrumentation in Wildlife Studies" by Professor D. W. Warner, curator of birds, Museum of Natural History

January 13 -- "North to the Coppermine River" by Professor W. J. Breckenridge, director, Museum of Natural History

January 20 -- "Wildlife of Minnesota's Sand Plains" by Professor W. J. Breckenridge, director

January 27 -- "European Wildlife - Habitats and Research" by John R. Tester

### ATHLETIC DEPARTMENT EVENTS

Home Basketball Games

*Williams Arena*

January 12 -- Iowa (3:30 p.m.)

January 26 -- Michigan State (8:00 p.m.)

Home Hockey Games

*Williams Arena, 8:00 p.m.*

January 4 -- Michigan

January 5 -- Michigan

January 11 -- North Dakota

January 12 -- North Dakota

January 18 -- Michigan Tech

January 19 -- Michigan Tech

Swimming

*Cooke Hall, 2:00 p.m.*

January 5 -- Gustavus Adolphus College

January 19 -- Iowa

January 26 -- Ohio State

(Tickets at gate only)

Track

*Field House, 2:00 p.m.*

January 26 -- Iowa State

(Tickets at gate only)

Wrestling

*Williams Arena, 1:00 p.m.*

January 26 -- Indiana

(Tickets at gate only)

Gymnastics

*Williams Arena*

January 12 -- Illinois (1:30 p.m.)

January 26 -- Southern Illinois (9:15 p.m.)

(Tickets at gate only)

† Tickets available at Symphony Ticket Office, 106 Northrop Auditorium (phone 373-2331); Dayton's in Minneapolis and St. Paul; Field-Schlick, St. Paul and Highland.

\*Reservations may be made at 105 Northrop Auditorium. Tickets for these events are also available at the Field Schlick Ticket Office in St. Paul and the Downtown Ticket Offices, 188 Northwestern Bank Building in Minneapolis, on Monday of the week prior to the performance.

\*\*Tickets available at Field-Schlick, St. Paul and Highland; Downtown Ticket Office, Minneapolis; Dayton's, Minneapolis and St. Paul and The Hub, Richfield.

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Dr. Guy Stanton Ford, head of the graduate school from 1913 to 1938 and president of the University from 1938 to 1941, died Saturday, December 29, at his home in Washington, D.C.

*"For a quarter of a century, Guy Stanton Ford gave devoted service to the University. As dean of the graduate school and later as president, he contributed wisdom, an unyielding insistence on quality, great skill in the search for talent, and a leadership that made him one of the outstanding builders of the modern university. The University mourns his loss, but is deeply grateful for the heritage of vision, educational statesmanship, and courage that he leaves."*

O. Meredith Wilson  
President

● PLANS ARE UNDERWAY FOR 1963'S UNIVERSITY OF MINNESOTA WEEK TO BE OBSERVED February 25 through March 2. Jointly sponsored by the Minnesota Junior Chamber of Commerce, the Minnesota Alumni Association, and the University of Minnesota, the Week will provide residents of Minnesota with chances to become better acquainted with the University's education, research, and public service programs.

As in previous years, almost 40 exhibits emphasizing the University's service to the state will be placed in stores, banks, and other establishments. Staff members will speak to alumni clubs and other organizations in all corners of the state.

The Charter Day Convocation will be presented at 11:30 a.m., Thursday, February 28, in Northrop Auditorium. Charter Day is the annual birthday celebration for the University. This year marks its 112th anniversary.

● THE FIRST JOINT ROTC PRE-COMMISSIONING CEREMONIES IN UNIVERSITY HISTORY WILL take place at 2:30 p.m., June 15, on the day of spring commencement. In past years, each service has conducted its own commissioning ceremony, some prior to commencement, others after. This year's joint ceremony will be an attempt to provide greater recognition of Minnesota's contributions to the Armed Services.

Senator Hubert H. Humphrey has been invited to address those who will be present at the pre-commissioning ceremony and to attend the commencement exercises at 8:00 that evening.



Dr. Thomson

● CARRYING THE UNIVERSITY MACE AT THE DECEMBER commencement was Dr. Stewart C. Thomson, Prof & Assoc Dir (Sch of Pub Hlth), member of the Senate Functions Committee, and one of the first faculty members to favor the use of a mace. The mace has now become traditional in all academic ceremonies at the University. It was first used at the 1961 inauguration of President O. Meredith Wilson. When handed to the new president then, it symbolized the conferring of authority and responsibility upon him.

The mace is made of polished aluminum and crystal. It was designed by University Art Professor Philip G. Morton and was produced almost entirely on campus by University craftsmen in University shops.

Alfred E. Laurence, shop foreman, and Ray E. Duemke, maintenance machinist, turned the mace on a machine lathe from a single piece of aluminum. The crystal sphere, symbolic of the illuminating quality of knowledge and education, was made in California.

An aluminum star atop the sphere symbolizes the state of Minnesota's North Star. The star and the mounting for the sphere were made in the University's Sheet Metal Shop by Wallace Gustafson and Joseph J. Hogen, sheet metal workers, under the supervision of Walter H. Bornman, foreman. A walnut carrying case and a walnut table on which to place the case were made in the University Carpenter Shop by William J. Edin, foreman, and Harold Thorpe and Wayne Stein, carpenters.

● AN ADVISORY COMMITTEE CONSISTING OF ROBERT H. BECK, PROF (HIST & PHIL OF ED), E. Adamson Hoebel, Prof & Chm (Anth), Paul R. O'Connor, Prof Div Chf & Assoc Chm (Chem), D. Burnham Terrell, Prof & Chm (Phil), Gerhard E. von Glahn, Prof & Head (Pol Sci-Div of Soc Sci), and Alexander Hodson, Prof & Head (Ent Fish & Wild L), has been asked to advise President O. Meredith Wilson and Vice President Malcolm M. Willey, (Acad Adm), on the selection of an Assistant Vice President in the office of the Vice President for Academic Administration. The person selected will serve as chairman of a new All-University Council on Liberal Education. The Council will have the responsibility of establishing "floor" requirements for all Bachelor's degrees, and of developing a program of liberal studies in which most segments of the University will participate.

The position was provided for in a recommendation by the Senate Committee on Education, and later adopted by the Board of Regents.

● MINNESOTA RANKS FOURTH IN FULL-TIME ENROLLMENT OF U.S. INSTITUTIONS ACCORDING to Professor G. C. Parker of the University of Cincinnati who surveyed 1,090 degree granting institutions. The first three, he reports, are University of California, State University of New York, and City University of New York.

Minnesota also ranks fourth in TOTAL ENROLLMENT according to Dr. Parker. The first three are the City University of New York, University of California, and State University of New York.

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● THE ORGANIZATION OF THE UNIVERSITY'S ENVIRONMENTAL HEALTH AND SAFETY PROGRAM IS unique. No other institution in the country has grouped general sanitation, safety, and radiological health in one setting. This is the chief reason why the University's environmental health and safety unit is unrivaled as the nation's best, according to Associate Professor George S. Michaelsen, director.

The University Health Service was designated by the State Board of Health as a local Health Department, and the Division of Environmental Health and Safety was established as a part of the Health Service.

Since the Division of Environmental Health and Safety concerns itself with so many widely diversified areas, it has accumulated specialists from many fields. So many that now, says Professor Michaelsen, "We can solve just about any problem related to health and safety." The health and safety team consists of health physicists or scientists, various engineers including health, chemical and civil, and sanitarians who are usually students working on M.A. degrees in Public Health.

Walter Jopke, (Instructor), heads up the team patrolling general University sanitation. His group inspects student housing as it relates to health and safety, fire hazards and other environmental factors. Its inspections cover dormitories on campus, and fraternities, sororities, cooperative rooming houses, and religious foundations that are off-campus. This same group also supervises the sanitation of the University's more than 30 food services including the dairy plant, vending machines, cafeterias, and special events at which food is served such as Campus Carnival or Williams Arena events; in addition it inspects off-campus food facilities that send food to the campus. The group tests cleanliness of University swimming pools, oversees water-sewerage problems, and directs insect and rodent control for every campus of the University.

The radiological health team, headed by Ralph Wollan, (Asst Prof), was established to meet Atomic Energy Commission (AEC) regulations of 1946 for the handling of radioactive isotopes. This group keeps a constant check on all radioactive materials on campus by logging them in at the University Health Service. The Division approves all purchases of isotopes, and later physically delivers them. In this way there is a single record of all radioactive material on campus at any time.

Radiological health also conducts a "monitoring program" which checks personnel as well as areas for exposure or contamination. About 500 University staff members who work with isotopes wear film badges, provided by Health and Safety, which record individual exposure to radioactivity. Health and Safety keeps a permanent record of the film from each badge as part of the University's protection in case of later lawsuits and as a reference file for the individual's future work with radioactive materials. Current records go back as far as the 1940's.

In area monitoring, the radiological division visits laboratories with complex instruments enabling it to measure and compute the safety of activity levels of contaminated objects. Usually when radioactive materials are used in research, the isotopes go from one form to another but are not destroyed. Some radioactive wastes simply lose their activity as time goes on. The radiological staff collects all wastes and contaminated objects which result from research and use and disposes of them either in a special incinerator or in isolated storage at the Rosemount Research Center to await eventual burial at sea or in an AEC national burial site.

Probably the most familiar of Health and Safety's functions is the administration of occupational health and safety. Any situation, excluding traffic safety, in which environment will have some bearing on the safety of a student, an employee or a visitor concerns Gustave Scheffler, (Safety Engr/Asst Prof), and his team. Reports of all University-related accidents are compiled by this group for the All-University Safety Commission, then reviewed and studied so preventive measures can be prescribed. Exposure to poisonous fumes, ventilation difficulties, fire protection, and noise are all examples of the kinds of problems involved.

In the fiscal year 1961-62, from an average 9,900 staff members, there were 131 disabling injuries and 853 other lesser injuries. The disabling injuries happened as follows: 38.5 per cent occurred in the service departments; 21.4 per cent in hospitals; 21.4 per cent in academic departments; and 18.7 per cent in out-state facilities. The other injuries occurred in these places: 43 per cent in service departments; 23.3 per cent in hospitals; 22.1 per cent in academic departments; and 11.6 per cent in out-state facilities. Material handling injuries were the most frequent type. Falls produced the most serious ones.

From an average full-time student enrollment of about 25,000, during the same period, approximately 1,700 off-campus and 1,500 on-campus accidents occurred. Among hospitalized, non-athletic on-campus injuries, pedestrian injuries were the highest -- 28.5 per cent. Other injuries occurred the following ways: 25 per cent in residence; 21.5 per cent, miscellaneous areas in buildings; 17.8 per cent, laboratory; 3.6 per cent, shop; and 3.6 per cent, traffic. Off-campus hospitalized student injuries were distributed this way: 31 per cent, recreation; 24.6 per cent, traffic; 20.9 per cent, residence; 15.5 per cent, pedestrian; 1.8 per cent, work; and 6.2 per cent, other.

Professor Michaelsen believes safety education is one of the best preventive measures in cutting accident rates. "Most people are very anxious to get things done right," he says. "They run into trouble mostly because of misunderstanding or pressure of time," so the occupational health staff spends a considerable amount of time in group and individual safety instruction.

The Division of Environmental Health and Safety serves the entire University basically as an advisory service, according to Professor Michaelsen. The division accomplishes its ends not by force, he says, but by an explanation of health and safety problems to department heads or the persons responsible. The Division's services are always available upon request.

In addition to performing their advisory functions for the University, the majority of the full-time staff members of the Division teach in the School of Public Health and conduct research related to environmental health and safety.

● RECIPIENTS OF REGENTS' SCHOLARSHIPS FOR WINTER QUARTER DAY SCHOOL INCLUDE:  
James Anderson, Sr Acct Clk (Bus Off); Marian Anderson, Head Hosp Nur (U Hosp Nurs); Marsha Asp, Clk (Stu Con Bur); Marilyn Benjamin, Sr Clk Typ (Adm & Rec); Patricia Beyer, Sr Clk Typ (Rad & TV); Orville Bielenberg, Exper Plot Supv (Plt Path); June Checklund, Lib Asst (Math-Phy Lib); Carl Cockrell, Lab Tech (Ophthal); Wayne Daley, San (Envir Health & Saf); Donald Duncan, Jr, Lib (Walter Lib); Nancy Dyer, Lab Tech (Vet Path & Parasit); Robert Eldridge, Lab Tech (Ophthal); Leonard Englund, Sr Clk (Fresh-Soph Lib); Nita Erickson, Gen Staff Nur (U Hosp); Colleen Flath, Sr Lab Tech (Ophthal); Joanne Floeder, Princ Med Tech (U Hosp); Caridad Go, Jr Sci (Ped); Lola Hagford, Sr Clk (Bio-Med Lib); Dorothy Hallberg, Hosp Head Nur (U Hosp); Janet Hausmann, Princ Surv Interv (Ped); Mary Heiges, Lib Asst (Bio-Med Lib); Irwin Ho, Sr Stat (Bio-Stat); Gloria Holmgren, Sec (Pharm); Ardis Hovland, Princ Acct Clk (Sch of Phy); Carol Johnson, Sr Clk Typ (Cen for Stud of Prog Lrn); Robert Kaster, Jr Sci (Rad Therapy); Martha Klein, Sec (Bur of Instit Res); Kathleen Kuha, Jr Sci (Physiol); Arthur Ledoux, Princ Lab An Attn (Surge); Mary Lewis, Med Tech (Med); Virginia Liebeler, Pers Rep (Civ Serv); Judith Meuli, Lab Tech (Med); Vivian Moe, El Sch Nur (El Sch); Albert Nelson, Jr, Sci (Med); Edwin Nelson, Bldg Crtrk (Plt Serv); Jeanene Noll, Sr Clk Typ (V Pres Wenberg's Off); Beatrice Olsen, Sr Clk Typ (Mec Engr); Marcia Olson, Sr Sec (Ind Ed); Arlowen Pflaum, Clk Typ (Plcmnt Clearance Off); Gordon Pryor, Lab Tech (Agron & Plt Gen); Mildred Ricci, Sr Sec (Phy); Woodrow Rodda, Bldg Crtrk (Plt Serv-D); Ajitkumar Sanghvi, Jr Sci (Med); Phyllis Segal, Sr Tech Supv (U Hosp); Katherine Shepard, Lib (Walter Lib); Edna Shipman, Sr Res Hall Couns (Res Halls-D); Elizabeth Stiene, Stu Tech Supv (U Hosp); Hubert Thibodeau, Jr Engr (Plt Serv); Maxine Winfield, Lab Tech (Anat); Mary Winkler, Sr Sec (Anesthes); Thalia Wittman, Jr Lib (Walter Lib); Kenneth Zimmerman, Rm Sched Anal (Adm & Rec).

Regents' Scholarships in Extension Division for Winter Quarter were awarded as follows: Patricia Acton, Princ Sec (Adm & Rec); Peggy Harrington, Gen Staff Nur (U Hosp); Lenore Johnson, Sr Clk Typ (Cen for Cont Stu); Lois Krenz, Gen Staff Nur (U Hosp); Jane Robbins, Sr Clk Typ (U Gallery).



● UNIVERSITY OF MINNESOTA WEEK BEGINS FEBRUARY 25. HIGHLIGHTING THE WEEK ON THE University's Minneapolis-St. Paul campus will be the Charter Day Convocation at 11:30 a.m., February 26, in Northrop Auditorium which was originally scheduled for February 28. Convocation speaker will be Carl Rowan who leaves soon for Finland where he will serve as American Ambassador. Mr. Rowan is the second University of Minnesota graduate currently holding the post of Ambassador abroad. The other is Robert F. Woodward, U.S. Ambassador to Spain.

Staff members and students -- and the general public as well -- are invited to attend the convocation.

● RICHARD L. GRIGGS, RETIRING UNIVERSITY REGENT, WAS PRESENTED THE REGENTS AWARD at the Board's January 11 meeting "in special recognition of his qualities of Benefaction, Fidelity, and Leadership."

The citation he received as a part of the award praised him for his perseverance and insight in developing important areas of commerce, banking, mining, and transportation.

The citation stated that Regent Griggs had earned special distinction "Because he has recognized that the State's young men and women are its most precious resource and has dedicated himself to opening new educational avenues on their behalf, because his benefactions will endure for all time to encourage talent and aspiration, because he has faithfully fulfilled his trusteeship of the University with integrity and a compelling sense of responsibility and now ends twenty-four years as a Regent, [and] because he has served his University, his community, and his State with a total commitment to their growth...."

● The January 1, 1963, edition of the Staff Bulletin, which carried a story of 1963 Legislative Building Commission recommendations for the University must have confused some readers as to which building plan was being referred to in the Amendment 2 tangle.

The list of buildings in the 1961 building bill involved in the current discussions should have been as follows:

Minneapolis Campus - \$4,920,583, the main portion to go for a science classroom building and for a physics addition -- both on the East Campus.

St. Paul Campus - \$1,227,000, the largest part to be used for an additional two floors to the Veterinary Science Building.

Duluth Campus - \$1,469,868, the greatest portion to be used for a home economics classroom building.

Other Branch Schools and Stations - \$171,900, principally for land acquisition for feed crops in Crookston, rehabilitation of street lighting system at Morris and rehabilitation of gymnasium at Morris.

Grand total building appropriations made in 1961 for the 1961-63 biennium were \$7,789,351. It is this sum that the 1963 Legislature seems likely to repass as one of its first actions.

● THE NAME OF THE DEPARTMENT OF PHYSIOLOGICAL CHEMISTRY WAS CHANGED, BY A RECENT action of the Board of Regents, to the Department of Biochemistry. The Department remains within the College of Medical Sciences. At the same time the name of the Department of Agricultural Biochemistry was changed to the Department of Biochemistry and this Department remains within the Institute of Agriculture.

● THE FIRST EDITOR'S DAY FOR THE MORRIS CAMPUS AREA WILL BE HELD ON FEBRUARY 5. The program will take the form of a progress report. Robert L. Jones, Prof & Dir (Journ), will speak at the evening dinner.

● THE UNIVERSITY WAS HOST TO 26 STATE LEGISLATORS ON JANUARY 23 AS PART OF THE welcome to newly elected Minnesota law-makers. The day's activities were designed primarily to acquaint new Legislators with some of the University's major facilities and programs, but proved to be of interest to some senior Legislators as well.

The group toured the University's St. Paul and Minneapolis campuses by bus, making two stops in St. Paul and four in Minneapolis. William T. S. Thorp, Dean and Prof (Vet Sci), showed the Legislators through the Temporary East of Haecker building in which they saw the brucellosis testing laboratory and a demonstration by Clarence M. Stowe, Prof & Head, of the Department of Physiology and Pharmacology facilities. Frank H. Kaufert, Director (Forestry), served as host in Green Hall where the visitors viewed School of Forestry exhibits. In Minneapolis, the group visited the St. Anthony Falls Hydraulic Laboratory where Lorenz G. Straub, Director, and Prof & Hd (Civil Engr), demonstrated scale models of various uses of hydraulics. Herbert S. Isbin, Prof (Chem Engr), and staff at the University's Gamma Irradiation Facility pointed out some of the research being done in harnessing atomic energy for peaceful uses.

President O. Meredith Wilson and other staff members joined the Legislators for dinner in Coffman Union after which a film about land-grant colleges was shown. To conclude the evening, the Legislators attended an evening class conducted by Harold C. Deutsch, Prof & Chm (Hist).

● STAFF MEMBERS MAY WISH TO KNOW THE NAMES OF LEGISLATORS ASSIGNED TO SENATE AND House standing committees which are involved with the University's requests to the current Legislative session. They are as follows:

HOUSE APPROPRIATIONS COMMITTEE - Richard W. Fitzsimons (Chairman), Graham Fuller (Vice-Chairman), John Tracy Anderson, Sam R. Barr, Everett Battles, Connie Burchett, Otto E. Clark, Lyle T. Farmer, W. Casper Fischer, Gary W. Flakne, Joe Gimpl, Clinton J. Hall, Douglas M. Head, Carl M. Iverson, William G. Kirchner, Walter K. Klaus, Verne E. Long, Helen McMillan, Robert Mahowald, Willard M. Munger, Loren S. Rutter, Kenneth E. Scott, Rodney N. Searle, Andrew Skaar, John P. Skeate, Daniel J. Slater, Edward J. Volstad, Roy L. Voxland, Reuben Wee.

HOUSE UNIVERSITY COMMITTEE - Rodney N. Searle (Chairman), William E. Frenzel (Vice-Chairman), Robert O. Ashbach, Robert F. Christensen, Frank H. De Groat, Art Frick, Sr., Peter X. Fugina, Graham Fuller, Willard M. Munger, Martin O. Sabo, Roy Schultz, Edward J. Folstad, D. D. Wozniak.

SENATE FINANCE COMMITTEE - Val Imm (Chairman), Homer M. Carr, Fay George Child, John T. Davies, W. B. Dosland, Robert R. Dunlap, Norman W. Hanson, Henry M. Harren, Wm. C. F. Heuer, J. A. Josefson, Clifford Lofvegren, Michael E. McGuire, John H. McKee, C. C. Mitchell, Harold S. Nelson, John L. Olson, Harold R. Popp, Gordon Rosenmeier, Donald Sinclair, Norman J. Walz, Leslie E. Westin.

SENATE EDUCATION COMMITTEE - Robert R. Dunlap (Chairman), C. J. Benson, Gordon H. Butler, Homer M. Carr, Fay George Child, Karl F. Grittner, Melvin E. Hansen, Rudolph Hanson, Wm. C. F. Heuer, P. J. Holand, Stanley W. Holmquist, Val Imm, J. A. Josefson, Harold G. Krieger, Norman Larson, Michael E. McGuire, John H. McKee, Donald Sinclair, Thomas D. Vukelich, Leslie E. Westin, Donald O. Wright, John M. Zwach.

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● IN JANUARY, THE BOARD OF REGENTS ADOPTED A NUMBER OF CHANGES IN UNIVERSITY OF Minnesota Civil Service Rules which had been recommended by the University's Civil Service Committee. One of the major changes related to salary step increases for Civil Service employees. Under the new rules, supervisors may recommend yearly salary increases but only if an employee's service is "up-to-standard" or "markedly improving." The new rules will make it possible, when State law and University finances permit, to consider increases within pay ranges more often than once a year for employees who are rendering exceptional service.

The new rules make it clear that the University Civil Service system is a merit system under which salary increases are to be given only for good work and not awarded automatically.

The change was prompted by recommendations of the State Legislature, at its last session, that both the State Civil Service and the University Civil Service revise their salary increase systems so as to recognize employee achievement.

The University's Office of Civil Service Personnel -- in order to simplify the changeover to the new merit system -- designed and installed a new employee Service Rating System. The new rating system will enable employees to keep informed of what is expected of them by their supervisors, how well they are doing, and whether they will need to improve in order to be recommended for increases.

Many supervisors and employees felt that the rating factors on the old service rating form were so general that they made it difficult for an employee to know specifically what his supervisor expected of him on the job. Another disadvantage of the old system was that some employees never saw their ratings.

The new service rating system has a number of features that should be helpful to both employees and supervisors:

●First, rather than being sent out from the Personnel Office, the new service rating forms, and pamphlets explaining their use, will be available to all employees through their supervisors. The employee initiates the service rating at any time by listing his or her main duties on the form. In order to be considered for an annual increase, one service rating must be completed between July 1 and March 1 of each fiscal year.

●Second, the new service rating form enables the employee to rate himself, if he wishes, on each of the tasks he performs, before his supervisor rates him. This way, employee and supervisor are able to communicate more meaningfully.

●Third, the new form requires the supervisor to rate each duty performed by the employee as "Outstanding," "Up-to-Standard," or "Needs Improvement." Most employees do some tasks very well and should be given credit for them. They perform other duties at the standards of quality and quantity of work expected. But they may have some duties on which performance should be improved. In some cases, the need for improvement may not be apparent to the employee and discussion is needed to clarify the supervisor's expectations and standards.

●Fourth, the supervisor rates the employee on attitudes, habits affecting his work, and how well he follows University rules and departmental work rules.

●Fifth, the supervisor may record on the form whether he feels the employee has improved or slipped since his last rating. He can also describe efforts that the employee is making to improve his work.

●Sixth, the supervisor notes on the form whether or not he thinks he will be able to recommend the employee for a salary increase the next time increases are available. The actual recommendation for an increase is not made on the rating form, but is made at budget time. The supervisor's note is merely to let the employee know where he stands and what he might do to increase his chances for a raise.

●Seventh, the form provides a space in which the employee may record his reaction to the entire rating and sign the rating. The employee's signature merely shows that he has seen the rating and does not necessarily indicate agreement.

Frank Pieper, Director of the Civil Service Personnel Department, has been meeting with supervisors and employees to answer questions concerning the new system. He will be glad to meet with any individuals or groups who have questions about it. Phone 373-2081.

# University of Minnesota Calendar of Events

## FEBRUARY, 1963

### MINNEAPOLIS SYMPHONY CONCERTS

Special Concert  
Northrop Auditorium, 8:30 p.m.

February 2 -- Van Cliburn, pianist, Frederick Fennell conducting (Single tickets \$3.00 to \$6.00) †

Friday Subscription Series  
Northrop Auditorium, 8:30 p.m.

February 8 -- Pierre Fournier, cellist, Stanislaw Skrowaczewski conducting (Single tickets \$2.50 to \$4.75) †

### UNIVERSITY ARTISTS COURSE

Masterpiece Series  
Northrop Auditorium, 8:30 p.m.

February 6 -- Philippe Entremont, pianist (Single tickets \$2.00, \$2.50, \$3.00, \$3.50, \$4.00)\*

### Celebrity Series

Northrop Auditorium, 8:30 p.m.

February 13 -- Leonard Bernstein Gala (Single tickets \$2.00, \$2.50, \$3.00, \$3.50, \$4.00)\*

### Special Concert

Northrop Auditorium, 8:30 p.m.

February 16 -- Parade of Quartets (Single tickets \$2.00, \$2.50, \$3.00, \$3.50, \$4.00)\*

### CONVOCACTIONS

Northrop Auditorium, 11:30 a.m.

February 14 -- "The Battle of Gettysburg" by Allen Tate  
February 26 -- Charter Day Convocation, Carl Rowan, former Minneapolis Tribune staff writer; Deputy Assistant Secretary of State for Public Affairs; just appointed by President Kennedy to be United States Ambassador to the Republic of Finland

### MINNESOTA SYMPOSIUM

Northrop Auditorium, 7:30 p.m.

February 17 -- "Ethics in Science and Education" by Dr. Ralph Lapp, famous scientist and science writer and Dr. Harold Taylor, former president, Sarah Lawrence College  
February 18 -- "Ethics in American Society" by Russell Kirk, author, and Carey McWilliams, editor of *The Nation*  
February 20 -- "Ethics in International Relations" by Dr. Nicholas Nyaradi, director, School of International Studies, Bradley University, and Edgar Snow, foreign correspondent

† Tickets available at Symphony Ticket Office, 106 Northrop Auditorium (phone 373-2331); Dayton's in Minneapolis and St. Paul; Field-Schlick, St. Paul and Highland.

\*Reservations may be made at 105 Northrop Auditorium. Tickets for these events are also available at the Field Schlick Ticket Office in St. Paul and the Downtown Ticket Offices, 188 Northwestern Bank Building in Minneapolis, on Monday of the week prior to the performance.

\*\*Tickets available at Field-Schlick, St. Paul and Highland; Downtown Ticket Office, Minneapolis; Dayton's, Minneapolis and St. Paul; and The Hub Ticket Office, Richfield.

### HONEYWELL LECTURE SERIES

Northrop Auditorium, 3:30 p.m.

February 24 -- "Drilling Beneath the Ocean" by Willard Bascom, president, Ocean Science and Engineering Inc., Washington, D.C.  
Musical Entertainment -- Lois Hunt and Earl Wrightson in "Thirty Minutes on Broadway," Civic Orchestra of Minneapolis, Thomas Nee, conductor

### UNIVERSITY THEATER PRODUCTIONS

Regular Productions  
Scott Hall Auditorium

February 1, 8:00 p.m.; February 2, 7:00 and 10:00 p.m.; February 5, 3:30 p.m.; February 6, 7, and 8, 8:00 p.m.; February 9, 7:00 and 10:00 p.m.; February 10, 3:30 p.m. -- *Love's Labour's Lost* by Shakespeare  
February 28, 8:00 p.m. -- *Murder in the Cathedral* by T. S. Eliot (Single tickets \$1.75 on sale at the Scott Hall Box Office)\*\*

### Premiere Production Series

Arena Theater, Shevlin Hall

February 20, 21, 22, and 23, 8:00 p.m.; February 24, 3:30 p.m. -- *Still the Mountain Wind* by David Wright (Single tickets \$1.00 on sale at Scott Hall Box Office)

### SPECIAL CONCERT

Northrop Auditorium, 4:00 p.m.

February 17 -- Brotherhood of Faiths Choral Festival

### KAFFEE KONZERTS

Main ballroom, Colgan Union  
11:30 a.m. to 1:20 p.m.

February 13 -- Vocal Quartet  
February 27 -- The Chamber Chorale, directed by David LaBerpe

### SPECIAL LECTURES

February 4 -- "Medical Support of Manned Space Flight" by George B. Smith, Jr., M.D., head, Environmental Physiology, NASA-Manned Spacecraft Center, Houston, Texas, 12:30 p.m., 104 Jackson Hall  
February 14 -- Dr. Viktor Frankl, Professor of Neurology and Psychiatry, Medical Faculty, University of Vienna, 3:30 p.m., Museum of Natural History Auditorium  
February 20 -- "Secret or Open Diplomacy - Which?" by Andrew Berding, former assistant secretary of state, 3:30 p.m., Murphy Hall Auditorium  
February 27 -- "The European Image of America and Its Mapping 1000 to 1600 A.D." by R. A. Skelton, keeper of maps, British Museum, London, 8:00 p.m., Museum of Natural History Auditorium

### MUSEUM SUNDAY PROGRAMS

Museum of Natural History Auditorium  
3:00 p.m.

February 3 -- "New Guinea - People and Impressions" by Malcolm Willey, Academic Vice President  
February 10 -- "International Nature Salon Color Photos" by Professor W. J. Breckenridge, director, Museum of Natural History  
February 17 -- "TV Towers and Migrating Birds" by Dennis Raveling  
February 24 -- "Under Water on Christmas Lake" by Hibbard Hill, Northern States Power Company

### MUSIC DEPARTMENT PROGRAMS

Scott Hall Auditorium:

February 3 -- Marlene Johnson, clarinet recital, 8:30 p.m.  
February 5, 19, 26 -- Music Hour, faculty, students, guest artists, 11:30 a.m.

### ATHLETIC DEPARTMENT EVENTS

Home Basketball Games  
Williams Arena, 8:00 p.m.

February 9 -- Purdue  
February 18 -- Wisconsin  
February 25 -- Illinois

Home Hockey Games  
Williams Arena, 8:00 p.m.

February 1 -- Colorado College  
February 2 -- Colorado College  
February 15 -- Michigan State  
February 16 -- Michigan State

Swimming  
Cooke Hall, 2:00 p.m.

February 9 -- Wisconsin and Purdue (Reserved seats on sale Monday before game - Cooke Hall only, \$1.25. General admission at gate only)

Track  
Field House

February 2 -- Northwestern (2:00 p.m.)  
February 9 -- Open Meet (1:00 p.m.)  
February 23 -- Iowa (2:00 p.m.)

Wrestling  
Williams Arena, 1:00 p.m.

February 2 -- Michigan  
February 9 -- Purdue, Iowa State, and State College of Iowa  
February 23 -- Illinois

Gymnastics  
Williams Arena

February 9 -- Indiana (2:00 p.m.)  
Indiana vs. Mankato State College  
February 16 -- Northwest Open Meet (1:00 p.m.)  
University of Chicago (3:15 p.m.)





● **ROOTS FOR RESEARCH IN FOUR INSTITUTE OF AGRICULTURE DEPARTMENTS WERE** officially implanted in the new Crops Research Building, January 28, at the dedication of the structure. The modern two-story building was completed in 1962 from a Legislative appropriation and specially equipped through funds provided by the National Science Foundation. Staff members and graduate students from the Agronomy and Plant Genetics, Agricultural Biochemistry, Plant Pathology and Botany, and Soil Science Departments are using the facilities. Studies of mutation processes in higher plants, crop and forest diseases, and fertility and soil characterization problems are examples of the type of research being carried out.

Sixteen laboratories occupy most of the space in the new building. The rest is taken up by working areas, storage space, and offices. A special controlled environment facility, jointly operated by the four departments, includes four rooms which provide temperature, humidity, and light intensity control. It is used for growing plants in experiments where precise control of environmental factors is essential. Other new facilities include a double-walled fumigation room, five cold rooms for research and storage at low temperatures and a laboratory for protein determination with sufficient equipment for digesting and distilling 24 samples simultaneously. A deionized water installation in the building provides mineral-free water for use in scientific studies.

In back of the new building is a smaller structure designed to handle threshing, drying, cleaning, bagging, and storage of field crops. This unit will eventually be joined to the Crops Research Building.

● **PRESIDENT O. MEREDITH WILSON HAS NAMED TWO FACULTY COMMITTEES TO NOMINATE CANDI-**dates for the positions of dean of the Institute of Agriculture, and dean of the new College of Liberal Arts.

Dean Harold Macy will retire June 30 as head of the Institute of Agriculture after serving 44 years on the faculty. Chairman of the nine-man committee to select his successor is Laurence K. Cutkomp, Prof (Ent, Fish & Wild L). Other members of the committee are: Roland H. Abraham, Prof & Assoc Dir (Ag Ext); Samuel T. Coulter, Prof & Head (Dairy Ind); Donald P. Duncan, Prof (Sch of For); Roxana R. Ford, Prof & Asst Dir (Home Ec); Lester E. Hanson, Prof & Head (An Husb); William F. Hueg, Jr., Assoc Prof & Asst Dir (Ag Exp Sta); Elmer W. Learn, Prof (Ag Econ); and William Matalamaki, Supt & Assoc Prof (No Central Sch & Exp Sta).

The new dean of the College of Liberal Arts will succeed Dean Errett W. McDiarmid who resigned his post in January but will continue to head the college until the position is filled. The present College of Science, Literature, and the Arts is scheduled to be reorganized next fall and the revision will involve various changes within the college.

Chairman of the committee appointed to select candidates for the deanship is Francis M. Boddy, Assoc Dean & Prof (Grad Sch & Econ). Other members are Warren B. Cheston, Assoc Chm & Prof (Physics); A. Orville Dahl, Prof (Bot); Roy G. Francis, Prof (Soc); Robert S. Hoyt, Prof (Hist); J. C. Levenson, Prof (Eng); and William A. McDonald, Prof (Classics).

● FRIENDS OF GUY STANTON FORD AND OF THE UNIVERSITY HAVE UNDERTAKEN A CAMPAIGN to raise funds to re-establish the Ford Room in the new Social Science classroom building on the West Bank. The room was formerly located in the basement of Ford Hall but lost its place when the History department was moved to the new building.

The oak-paneled room honoring Dr. Ford, former history professor, Dean of the Graduate School, and sixth President of the University, served as a center for departmental activities -- faculty meetings, final graduate examinations, and ceremonial occasions such as the conferring of prizes and distinctions. In it was located a library given to the department by Dr. Ford that also contained publications of past and present members of the History Department.

Most of the furnishings and all of the books from the old room have been moved to the West Bank but transporting the complete original room proved to be impractical. Thus the new project, to be administered as part of the University Memorial Funds, 213 Morrill Hall, was initiated to create a new home for Ford Room functions. Harold C. Deutsch, Prof & Chm (Hist), in a letter he wrote to some individuals with an interest in the project, explained, "Some additional chairs, lamps, and a large oval table are needed. By far, the largest items are the paneling, shelving, and carpeting of the most suitable room available to the Department. Preliminary estimates of the funds that are required amount to \$16,950; the University itself, however, has agreed to contribute \$3,700 of this amount which covers the cost of heating, electrical and structural changes."

If enough support is gained for the project, Professor Deutsch said, the new Guy Stanton Ford room "will serve the Department in those diverse and cherished ways that were so intimately associated with the old room in Ford Hall."

● IN PAST YEARS, MR. H. ROWATT BROWN, WHO GAVE THE FRANCIS MILLER BROWN BELLS to the University, has been brought to the campus one late afternoon during Christmas week so that, while seated in a heated car, he could listen to a special Christmas Eve concert dedicated to him and played on the Brown Bells. Because of ill health, this could not be done last Christmas. So KUOM broadcast the concert and Mr. Brown, listening to the radio, heard it in his own living room. Later, records of this concert were presented to him.

Mr. Brown presented the first carillon instrument to the University in 1948 in memory of his wife. Since that time he has given many additions and improvements so that the University's Minneapolis campus has one of the most complete electronic carillons in the United States. These continue to chime the hour and ring out in concert each day on campus.

● TWO UNIVERSITY STAFF MEMBERS HAVE BEEN CHOSEN TO APPEAR ON NATIONWIDE TELEVISION. Robert A. Good, Prof (Pediatrics), will star on ABC-TV's "Meet the Professor" show and Robert L. Jones, Prof & Dir (Jour), will be featured in CBS-TV's "Eyewitness to History" show.

Dr. Good will be shown making his rounds in the Variety Club Heart Hospital, studying case histories and teaching during a half-hour program which, in the words of the producer, "seeks to excite young men and women to pioneer in medical research." The show will be telecast on Channel 9, the local ABC outlet, at 10:30 a.m., Sunday, March 10.

The "Eyewitness" show featuring Professor Jones and his family will be used to illustrate the effects of President Kennedy's proposed tax program on straight income wage earners. The program was originally scheduled to be shown on February 8 but was set aside temporarily for a late-breaking news story. When and if the "Eyewitness" show featuring Professor Jones is used, it will be telecast on Channel 4 at 9:30 on a Friday evening.

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● IN ADDITION TO THE CIVIL SERVICE RULE CHANGES REGARDING SALARY INCREASES discussed in the last issue of the STAFF BULLETIN, the Board of Regents, in January, approved a number of other revisions in the rules of Civil Service. Among the more significant changes were those concerning vacation and sick leave.

In order to equate University Civil Service fringe benefits with those of the State of Minnesota Civil Service, an extra day of vacation leave -- plus one-quarter day for employees with more than five years of service -- and an extra day of sick leave per year for full-time employees, retroactive to July 1, 1961, were approved. The extra days are to be credited at the end of each full year of service.

The language of the leave of absence rules was changed to make it clearer that employees must secure proper approval for every absence from work -- in advance for most kinds of leave. Unauthorized absence will not be paid for and, further, will call for disciplinary action by the supervisor, according to the new wording of the rules. An unauthorized two-day absence constitutes automatic resignation. Employees must request approval of sick leave as soon after the onset of illness as possible and the supervisor, rather than the employee, decides whether an illness is serious enough to warrant the use of accumulated sick leave. The supervisor may require a statement from a physician or dentist before giving his approval. Sick leave will not be approved for illness related to pregnancy.

The one and one-half day per year limit on the use of accumulated sick leave for routine medical or dental appointments was removed. If it is impossible for an employee to schedule such an appointment on his own time, his supervisor may approve absence from work for this purpose if such absence is requested well in advance and does not disturb the work in his unit. Such an appointment must also be verified by an appointment slip or by a statement from the doctor or dentist.

The proposal to reduce the total possible vacation accumulation was withdrawn because of the objections of employees at public hearings. The vacation rule keeps its present wording which allows the accumulation of the "number of vacation days earned within a 24-month period." This means that the total possible accumulations have increased by two days for employees earning vacation at the rate of one day per month and by two and one-half days for employees earning at the rate of one and one-fourth days per month, because of the extra vacation leave that employees earn under the new rules. The rules recommend, however, that vacation should be taken annually to prevent buildup of accumulations.

The proposal to eliminate some of the minor holidays was withdrawn. Construction of new buildings will make it less likely that minor holidays will be used for teaching or for examinations. Two changes were made in the holiday rule, however. One removed the 90-day limit on the period during which time off must be given for work on minor holidays. The other clarified the fact that it is the department head's decision which will determine whether this time shall be paid for in money or in time off.

The "relative rule" was changed to make it conform with a resolution passed by the Board of Regents on June 10, 1961. Now, more than one member of a family may be employed in different departments of the University without the specific approval of the Board of Regents. However, two members of the same family may not be employed in the same department without Regents' approval.

The probationary period rule was changed in several ways. First, it is now mandatory that the Director of Civil Service Personnel receive a service rating on each probationary employee before the expiration of the probationary period. Second, probationary employees must receive at least five work days notice before being terminated. In cases where discharge without notice seems advisable, the approval of the Director is required. Discharged University employees are to be given two weeks notice if possible. Resigning employees are expected to give the University two weeks notice of resignation.

Any questions concerning Civil Service rule changes will be answered by Frank Pieper, Director of the Civil Service Personnel Department. Telephone 373-2081.

● DURING UNIVERSITY OF MINNESOTA WEEK, FEBRUARY 25 TO MARCH 2, MANY STAFF MEMBERS spoke before community clubs throughout the state. The speakers, their topics, and groups which they addressed are James A. Earl, Asst Prof (Physics), illustrated lecture on "Cosmic Rays," Twin Cities Unit of Understanding; Albert B. Hood, Assoc Prof (Stu Con Bur), "After High School, What?," Northeast Kiwanis Club; Harry Foreman, Assoc Prof (Pub Hlth), "Health in the Atomic Age," Exchange Club of North Minneapolis; Robert B. Howard, Dean (Med Adm), "Current Problems in Medical Education," Anoka Kiwanis Club; Paul L. Murphy, Assoc Prof (Hist), "The Supreme Court in Modern Times," Business Forum Club; Arthur M. Borak, Assoc Prof (Econ), "Recent Proposed Federal Tax Changes," Uptown Commercial Club; Glen A. Reed, Asst Prof and Coach (Phys Ed-Men), "Athletics at the University of Minnesota," South Suburban Exchange Club; John A. Buttrick, Chm & Prof (Econ), "Taxes and the National Economy," Faribault Junior Chamber of Commerce; C. J. Waddington, Assoc Prof (Physics), "Recent Space Research in the United Kingdom," American Interprofessional Institute; David Cooperman, Prof Chm (Soc Sci), "Communism in Contemporary International Affairs," Fridley Junior Chamber of Commerce; John E. Stone, Asst Prof (Minn Geol Surv), "Geology of the Twin Cities," Minneapolis Central Lions Club; William L. Nunn, Dir (Univ Rel), "Expansion of the University of Minnesota," Highland Park Civic Association of St. Paul; Robert C. Warnken, Asst Prof (Stu Con Bur), "Student Life in Burma," Ventura Club; and Thomas L. Anding, Tchgr Asst (Geog), "Survival of the Small Town," Springfield Chamber of Commerce.

Under the auspices of the Minnesota Alumni Association, the following speakers have or will appear before various Alumni Chapters throughout the state on behalf of the University: Robert L. Jones, Prof & Dir (Jour), "Journalism and the University of Minnesota"; President O. Meredith Wilson who spoke on the University in general; Werner W. Boehm, Prof (Schl Soc Wrk), "The American Family-Wither Bound"; Otto H. Schmitt, Chm (Biophys), "Space Biology"; Gerhard Neubeck, Assoc Prof (Stu Con Bur), "The American Family in a Troubled World"; Edmund G. Williamson, Dean of Students, Prof (Psych), "Academic Freedom"; Robert Plunkett, Prof (Aero & Engr Mech), "Materials Problems in Space Design"; Stanley J. Wenberg, V Pres (Ed Rel & Dev), "Let's Talk About the Size of the University"; Walter J. Breckenridge, Dir (Mus Nat Hist), "Island Treasure"; Lloyd M. Short, Prof (Pol Sci), "South Korea Under Military Rule"; John R. Borchert, Prof (Urban Study), "Population Shifts in Minnesota and the Northwest-Past and Future"; Willard L. Thompson, Asst to Pres (Pres Off), "Motivation"; Dewey Force, Assoc Prof (Spec Ed), "Developments in the Special Education Program at the University"; Dr. Lyle A. French, Prof (Sur Div of Neuro), "The University Medical School"; Murray A. Warmath, Hd Football Coach, "Education and Athletics"; Robert F. Spencer, Prof (Anth), "The University's Role in the Peace Corps."

Speakers whose topics are not available are Charles C. Hanna, Instr & Asst Dir (Stu Serv); Benjamin J. Lazan, Prof & Hd (Aero & Engr Mech); Rodney A. Briggs, Prof & Dean (Adm-UMM); William Cochran, Lect (Mus Nat Hist); William C. Rogers, Dir (Wrld Affrs Cntr); Paul M. Oberg, Prof & Chm (Music & Music Ed).

University Week exhibits were placed in stores, banks, and other establishments. Those departments participating include the College of Pharmacy exhibiting at the State Capitol Credit Union campus branch; University Gallery at the Minneapolis Institute of Arts; Library School at the Leamington Hotel; College of SLA at Donaldson's-Golden Rule, Minneapolis; School of Home Economics at the Dyckman Hotel; University Theater at the Minneapolis Public Library; Audio-Visual Department at the Century Camera Shop; College of Pharmacy at the University National Bank; School of Business Administration at the Northwestern National Bank; Department of Ophthalmology at the First National Bank; School of Nursing at Powers; University Press at the Poshay Tower; Department of Concerts and Lectures at the Pick-Nicollet Hotel; University of Minnesota Libraries at Farnham Stationery Supply; Army ROTC at Northern States Power Company; Extension Division at General Mills; Museum of Natural History at the Prudential Insurance Company; Department of Forestry at Southdale; Department of Surgery at Apache Plaza; Air Science at Powers-Knollwood; School of Architecture at the Wold-Chamberlain Airport; Museum of Natural History at the St. Paul Science Museum; 4-H and the University at the Emporium; Agriculture Extension Division at the Commercial State Bank; Naval Science at Donaldson's-Golden Rule, St. Paul; College of Veterinary Medicine at the American National Bank; Department of Electrical Engineering at the State Capitol Rotunda; Office of the Dean of Students at the Farmers Union Grain Terminal Association.



● THE "MASS LINE" TYPE OF PHYSICAL EXAMINATIONS FOR NEW UNIVERSITY STUDENTS WILL be discontinued this fall according to Dr. Donald W. Cowan, Dir (Univ Hlth Serv), because of rapidly rising enrollment and increased difficulties in securing an adequate medical staff during the annual examination period. In past years as many as 10,000 examinations were performed in the two weeks preceding fall quarter.

The new examination plan requires that each enrolling student be examined by a private physician. A history and physical examination form must be completed by a student's physician before his registration will be regarded as final.

● ADDITIONAL UNIVERSITY OF MINNESOTA WEEK SPEAKING ENGAGEMENTS NOT MENTIONED IN the last edition of the *Staff Bulletin* were filled by W. Donald Beatty, Assoc Prof & Asst Chm (Hist), who gave his "Personal Observations of Problems Between the United States and Its Latin American Neighbors" before the St. Paul Association of Office Men; William L. Nunn, Dir (Univ Rel), who spoke on "The University and the State" before the St. Paul Club; and Stanley J. Wenberg, V Pres (Ed Rel & Dev), who spoke on "The Size of the University" before the Midway Civic Club and before the Minneapolis Kiwanis Club. He also appeared on the University of Minnesota's Channel 2 "Folio" program with Robert P. Boyle, Prog Dir (KUOM), in an illustrated question and answer session concerning the needs of the University.

● REGENTS' SCHOLARSHIPS IN THE EXTENSION DIVISION HAVE BEEN AWARDED TO THE FOLLOWING staff members for Spring Semester: Virginia Andrus, Sr EEG tech (Psy & Neur); Robert Asher, Elec Mech (Aud-Vis); Gladys Barber, Photog Asst (Dent); Jean Bartelt, Sec (Bus); Constance Bergquist, Sr Clk-Typ (Med); Margaret Buckley, Sec (For Stu Adv Off); Dana Carroll, Lab Tech (Derm); Wayne Cavender, Sr Lab Tech, (Radiol); Nancy Crewe, Jr Sci (Phys Med & Rehab); Delores Dooley, Sr Exec Sec (Dent); Ann Dudas, Sr Sec (Med); Merlin Garlid, Sr Acct (Bus Off); Rose Haji-Sheikh, Sr Sec (Physics); Lillie Harrison, Sr Sec (El Schl); Virginia Hayes, Sr Sec (For Stu Adv Off); Judith Helgoe, Sr Clk-Typ (Pres Off); Patricia James, Sr Sec (Psycho-Ed Clin); Bobbie Johnson, Sr Clk-Typ (Adm & Rec); Judith Johnson, Gen Staff Nur (Univ Hosp); Lenore Johnson, Sr Clk-Typ (Cent for Cont Study); Richard Johnson, Elec Mech (Elec Engr); Vernon Johnson, Glassblwr Trne (Glassblwg); Dorothy Ketcham, Prin Sec (Stu Act Bur); Carol Malmstrom, Sr Clk (Mech Payroll); Judith Meuli, Lab Tech (Med); William Mullins, Engr Asst (Plt Serv); Susan Nelson, Psychom (Phys Med & Rehab); William Peters, Prin Strs Clk (Food Strs); Agnes Preston, Clk (Plt Serv); William Ringness, Psych Ord (Univ Hosp); Richard Ronningen, Prin Acct Clk (Vending Serv); Robert Schanz, Lab Tech (Physiol); Helenmae Schauer, Sr Lab Tech (Dent); Erma Sims, Nur Sta Asst (Univ Hosp); Irene Skansgaard, Sr Sec (Ob & Gynecol); Gertrude Sullivan, Scrg Mach Op (Stu Con Bur); Bernice Uittenbogaard, Sr Lab Tech (Derm); Audrey Vaale, Sec (Anth); John Wilson, Pers Asst (Civ Serv Pers).

Since the last report was made by the trustees of  
persons identified with the Univ.

- STELLA SEVERTSON AHLSTRAND, 1902-1962, Former Instructor of Home Economics, College of Agriculture, Forestry, and Home Economics
- ANDREW ANDERSON, 1898-1960, Retired staff member in the Department of Plant Services
- MABELLE BERNICE LINDEMAN ANDERSON, 1905-1962, Staff member in the Mines Experiment Station, Institute of Technology
- JOHN JOSEPH BITTNER, 1904-1961, Professor and Head of Cancer Biology, College of Medical Sciences
- HILMA CAROLINE EDLUND BOON, 1885-1962, Wife of Leonard Francis Boon, Assistant Professor Emeritus of Civil Engineering, Institute of Technology
- HERBERT MICHAEL BOSCH, 1907-1962, Professor of Public Health, College of Medical Sciences
- WILLIAM HENRY BUSSEY, JR., 1879-1962, Professor Emeritus of Mathematics, College of Science, Literature, and the Arts
- JOHN OSCAR CHRISTIANSON, 1898-1961, Professor and Director of Agricultural Short Courses, Institute of Agriculture
- GERTRUDE BENDER SCHILL CRAM, 1888-1961, Widow of Robert Vincent Cram, Associate Professor of Classics, College of Science, Literature, and the Arts
- JAMES BURGESS FITCH, 1888-1962, Professor Emeritus of Dairy Husbandry, College of Agriculture, Forestry, and Home Economics
- WILLIAM WAYNE FLETCHER, 1919-1961, Associate Professor of Speech, College of Science, Literature, and the Arts
- GUY STANTON FORD, 1873-1962, President Emeritus, University of Minnesota
- ROSS AIKEN GORTNER, 1914-1942, Chief and Professor of Agricultural Biochemistry, College of Agriculture, Forestry, and Home Economics
- THOR WILLIAM GULLICKSON, 1887-1961, Professor Emeritus of Dairy Husbandry, College of Agriculture, Forestry, and Home Economics
- EMMA LAY HARRIS, 1885-1962, Widow of James Arthur Harris, Professor and Head of Botany, College of Science, Literature, and the Arts
- GLADYS IRENE TURNER HARRIS, 1892-1962, Mother of John Edward Harris, Professor and Head of Ophthalmology, College of Medical Sciences
- ANNA ALMIRA CUSHMAN HAYES, 1884-1951, Wife of Herbert Kendall Hayes, Professor and Chief of Agronomy and Plant Genetics, College of Agriculture, Forestry, and Home Economics
- ERNEST ALEXANDER HEILMAN, 1887-1961, Professor Emeritus of Business Administration, School of Business Administration
- FRANCES ELIZABETH GORE HOEBEL, 1906-1962, Wife of Edward Adamson Hoebel, Professor and Chairman of Anthropology, College of Science, Literature, and the Arts
- AMY JEROME WAGNER JENNINGS, 1887-1962, Wife of Arthur Bates Jennings, Professor Emeritus of Music, College of Science, Literature, and the Arts
- LOIS McRAE JOHNSON, 1913-1961, Wife of Clinton Tyron Johnson, Assistant Vice President of Business Administration
- JULIET MORTON JOHNSTON, 1875-1961, Widow of John Black Johnston, Dean and Professor Emeritus, College of Science, Literature, and the Arts

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# ORIAM

University of Minnesota Memorial Fund, the following have been memorialized:

- KATHRYN MARY GRIFFITH KERNKAMP, 1915-1962, *Wife of Milton Frederick Kernkamp, Professor and Head of Plant Pathology and Botany, College of Agriculture, Forestry, and Home Economics*
- GRACE PEASE KIVITS, 1879-1961, *Mother of Virginia Millinet Kivits, Assistant Professor, General College*
- AUGUST CHARLES KREY, 1887-1961, *Professor Emeritus of History, College of Science, Literature, and the Arts*
- ORA MINER LELAND, 1876-1962, *Dean Emeritus of the College of Engineering and Architecture, Institute of Technology*
- GUY HAMPTON MARSHALL, 1942-1961, *Son of William Hampton Marshall, Professor of Entomology, Fisheries, and Wildlife, and Director of Itasca Biological Station (Lake Itasca) and Cedar Creek Natural History Area, College of Agriculture, Forestry, and Home Economics*
- IRVINE McQUARRIE, 1891-1961, *Professor Emeritus of Pediatrics, College of Medical Sciences*
- MABETH HURD PAIGE, 1869-1961, *Widow of James Paige, Professor Emeritus of Law, Law School*
- DONALD GILDERSLEEVE PATERSON, 1892-1961, *Professor Emeritus of Psychology, College of Science, Literature, and the Arts*
- WILLIAM THOMAS PEYTON, 1892-1962, *Professor Emeritus of Surgery, College of Medical Sciences*
- ORRIN WESTON POTTER, 1891-1962, *Professor Emeritus of Mechanical Engineering, Institute of Technology*
- ELIZABETH MARY RYAN QUINLIVAN, 1896-1962, *Widow of Raymond James Quinlivan, Former Regent, University of Minnesota*
- RAYMOND JAMES QUINLIVAN, 1894-1961, *Regent, University of Minnesota*
- JOHN JACOB REIGHARD, 1890-1956, *Professor of Business Administration, School of Business Administration*
- LYDIA LITTLE RUSSELL, 1890-1962, *Widow of Harold Garfield Russell, Associate Professor and Assistant Director of University Libraries*
- ESTELLE LOUISE JENSEN STAKMAN, 1889-1962, *Wife of Elvin Charles Stakman, Professor Emeritus of Plant Pathology and Botany, College of Agriculture, Forestry, and Home Economics*
- ALMA MARIE LINDBERG STARR, 1886-1962, *Mother of Gordon Lindberg Starr, Assistant Professor and Director of Student Unions*
- LUCY ADELAIDE STUDLEY, 1889-1962, *Former Assistant Professor of Home Economics, College of Agriculture, Forestry, and Home Economics*
- JOSEPH MORRIS THOMAS, 1876-1962, *Professor Emeritus of English, College of Science, Literature, and the Arts*
- AMOS SCHUMPERT WELLS, 1876-1961, *Professor Emeritus of Dentistry, School of Dentistry*
- ALBERT BEEBE WHITE, 1871-1952, *Professor Emeritus of History, College of Science, Literature, and the Arts*
- BETTY WHITLOCK WASHBURN WILLEY, 1916-1962, *Wife of Malcolm MacDonald Willey, Vice President of Academic Administration*

● WIVES OF APPROXIMATELY 100 STATE LEGISLATORS ATTENDED A TEA ON THE AFTERNOON OF February 21, at the home of President and Mrs. O. Meredith Wilson. Paul M. Oberg, Prof & Chm (Mus & Mus Ed), and four University music students provided entertainment. Professor Oberg accompanied students Jan Ellen Anderson, soprano, SLA senior; and Matthew H. Murray, baritone, SLA senior. Students Ellen Warren, harpist, SLA senior; and Carli Fariday, harpist, SLA freshman, played during the tea itself.

# University of Minnesota Calendar of Events

## MARCH 15 to APRIL 15, 1963

### MINNEAPOLIS SYMPHONY CONCERTS

Friday Subscription Series  
Stanislaw Skrowaczewski Conducting

*Northrop Auditorium, 8:30 p.m.*

March 15 -- Szymon Goldberg, violinist  
March 22 -- Norman Carol, violinist  
March 29 -- Andres Segovia, guitarist  
April 12 -- Brahms' *Requiem* with soloists  
and University of Minnesota Chorus  
(Single tickets \$2.50 to \$4.75)†

Sunday Symphony Series

*Northrop Auditorium, 4:30 p.m.*

March 17 -- Famous Overtures, Frederick Fennell conducting  
April 7 -- Tchaikowsky's *Symphony No. 6*, Stanislaw Skrowaczewski conducting and St. Olaf Lutheran Choir, Olaf C. Christiansen directing  
(Single tickets: \$2.00 reserved seats; \$1.50 unreserved seats)†

### UNIVERSITY ARTISTS COURSE

Celebrity Series

*Northrop Auditorium, 8:30 p.m.*

March 30 -- San Francisco Ballet, Beauty, Vitality and Spirit  
(Single tickets \$2.00, \$3.00, \$3.50, \$4.00, \$4.50)\*

### CONVOCATIONS

*Northrop Auditorium, 11:30 a.m.*  
(unless specified)

April 4 -- "Panmunjom Plus Ten: The Korean War in Retrospect" by S.L.A. Marshall, military columnist for the New York Herald Tribune Syndicate  
April 5 -- Honorable Clark MacGregor, representative in Congress, 11:00 a.m., North Star Ballroom, St. Paul campus Student Center  
April 8 -- Preview of Spring Festival of the Creative Arts, with presentations of music, dance, theater and art  
April 11 -- Sir Tyrone Guthrie, artistic director, Tyrone Guthrie Theater

### KAFFEE KONZERT

*Main Ballroom, Coffman Union*  
11:30 a.m. to 1:20 p.m.

April 9 -- Divertimento

### UNIVERSITY THEATER PRODUCTION

*Scott Hall Auditorium, 9:00 a.m.*  
continuous to 5:00 p.m.

March 30 -- State One Act Play Festival

### MUSIC DEPARTMENT PROGRAMS

March 28 -- University Men's Glee Club, Scott Hall Auditorium, 8:30 p.m.  
April 1 -- Jan Anderson, voice recital, Scott Hall Auditorium, 8:30 p.m.  
April 5 -- University of Minnesota Band, Northrop Auditorium, 8:30 p.m.

### HORIZONS LECTURE SERIES

*Mayo Auditorium, 8:00 p.m.*

April 1 -- "Shakespearean Image of Renaissance Man" by Robert Moore, Professor of English  
April 15 -- "Mirror of Man in the Age of Reason" by Hylton Thomas, Professor of Art  
(Sponsored by the Medical School and the General Extension Division)

### SPECIAL LECTURES

*150 Classroom Building, West Campus*  
3:30 p.m.

April 1 -- "The International Comparison of Saving" by Hendrik S. Houthakker, Harvard University  
April 3 -- "Can and Should the Dollar Be Devalued?" by Hendrik Houthakker  
April 5 -- "The Addilog Family of Demand Functions" by Hendrik Houthakker

April 2 -- The Honorable Allan Nordenstam, Governor of Jönköping, Sweden, Murphy Hall Auditorium, 3:30 p.m.  
-- "Finiteness Properties of the Process of Clustering" by Jerzy Neyman, University of California at Berkeley, 115 Ford Hall, 4:00 p.m.  
-- "Sex Differences in the Correlates of Mental Development" by Nancy Bayley, National Institute of Mental Health, Murphy Hall Auditorium, 8:00 p.m.  
April 4 -- "Mechanisms of Gravity Perception in Plants" by L. J. Audus, Bedford College, University of London, Murphy Hall Auditorium, 11:00 a.m.  
-- "Some Responses of Plants to Magnetic Fields" by L. J. Audus, Murphy Hall Auditorium, 3:30 p.m.  
-- "Genetic Variants of the Group-Specific Component of Human Serum" by Hartwig Cleve, M.D., Rockefeller Institute, 74 Jackson Hall, 3:30 p.m.  
-- "Evaluation of the 1960 Census" by Morris H. Hansen, assistant director for research and development, Bureau of the Census, 155 Ford Hall, 3:30 p.m.  
April 5 -- "The Measurement and Control of Response Errors in Surveys" by Morris Hansen, 155 Ford Hall, 3:30 p.m.  
April 8 -- "On the Duration of a Response" by Frank A. Logan, Yale University, 125 Mayo Auditorium, 3:30 p.m.  
April 9 -- "Culture Conflict in the Italian Alps" by Eric R. Wolf, University of Michigan, 155 Ford Hall, 8:00 p.m.

### MUSEUM SUNDAY PROGRAMS

*Museum of Natural History Auditorium*  
3:00 p.m.

March 17 -- "Water: Is Man Making an Enemy of an Old Friend" by Theodore A. Olson, School of Public Health  
March 24 -- "Bald Eagle-Trumpeter Swan" in color sound films  
March 31 -- "Echo-Location Among Mammals" by H. L. Gunderson  
April 7 -- "A Botanical Trip from Viet Nam to Borneo" by Ernst Abbe, Professor of Botany

### GENERAL EXTENSION LECTURE SERIES

Dark Ages Series

*Museum of Natural History Auditorium*  
8:00 p.m.

March 20 -- "Barbarian Kings as Lawgivers and Judges" by Katherine Fischer Drew, Rice University  
March 27 -- "Of Towns and Trade" by R.S. Lopez, Yale University  
April 3 -- "Origins of Feudalism" by Joseph R. Strayer, Princeton  
April 10 -- "Image of Christ in Early Middle Ages" by Adolph Katzenellenbogen, Johns Hopkins  
(Tickets for series only: \$12 general admission; \$7.50 educational admission)

### UNIVERSITY GALLERY EXHIBITIONS

*Northrop Memorial Auditorium*

Through March 24 -- Contemporary American ceramics  
April 2 through May 5 -- Recent paintings by Reid Hastie  
Selected works from the Tweed Gallery, Duluth  
Permanent collection also on view

### ATHLETIC DEPARTMENT EVENTS

Track

*Field House*

April 5 -- Out-State Meet, 2:00 p.m.  
April 6 -- Out-State Meet, 1:00 p.m.  
(Tickets on sale at gate only)

Baseball

*Delta Field*

April 11 -- Augsburg College, 2:00 p.m.  
April 12 -- Bemidji Teachers, 2 games, 1:00 p.m.  
April 13 -- St. Thomas College, 2 games, 1:00 p.m.  
(Tickets on sale at gate only)

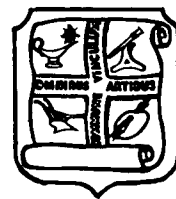
Tennis

*University Courts, 1:00 p.m.*  
April 13 -- Varsity vs Freshmen

†Tickets available at Symphony Ticket Office, 106 Northrop Auditorium (373-2331); Dayton's in Minneapolis and St. Paul where you may charge them to your account; Field-Schlick, St. Paul and Highland.

\*Reservations may be made at 105 Northrop Auditorium. Tickets for these events are also available at the Field-Schlick Ticket Office in St. Paul and the Downtown Ticket Office, 158 Cargill Building in Minneapolis, on Monday of the week prior to the performance.





● A \$950,000 INDUSTRIAL EDUCATION BUILDING ON THE DULUTH CAMPUS WAS DEDICATED April 5, in a ceremony attended by over 200 educators, alumni, legislators, and business and civic leaders. The two-story building was constructed with funds approved by the 1959 Minnesota Legislature and was opened to classes in February, 1962. It contains shops, laboratories, administrative and faculty offices and classrooms. The building can accommodate up to 300 students during any one class hour.

The dedication of the new building marks the beginning of a four-point expansion of the Department of Industrial Education's academic program which will give emphasis to: new courses in industrial electronics, graphic arts, and mechanical power; the preparation of technical teachers; the preparation of technicians for industry; and eventual development of a Master of Arts degree program.

● RECENTLY PUBLISHED BOOKS WRITTEN BY UNIVERSITY OF MINNESOTA FACULTY MEMBERS include:

Gisela Konopka, Prof (Schl of Soc Wrk), *Social Group Work: A Helping Process* (Prentice-Hall, Inc., Englewood Cliffs, New Jersey, 1963).

Karl H. Potter, Assoc Prof (Phil), *Presuppositions of India's Philosophies* (Prentice-Hall, Inc., Englewood Cliffs, New Jersey, 1963).

Dr. Sheldon C. Reed, Prof & Dir (Zool & Dight Inst), *Counseling in Medical Genetics* (W. B. Saunders Co., Philadelphia, Pennsylvania, 1963).



*Northrop Auditorium*

TWO 16 BY 12 INCH ETCHING-style prints have been made which are excellent gifts and are suitable for framing and hanging -- one of Northrop Memorial Auditorium and the other of Burton Hall. These attractive prints may be purchased at any University of Minnesota Bookstore or through the Alumni Office at a cost



*Burton Hall*

of \$2.25 for one selection or \$4.00 for a selection of two. Costs include a gift envelope, mailing protectors, postage, and first class mailing charges.

● AFTER THE LAST ISSUE OF THE STAFF BULLETIN WAS DISTRIBUTED, SOME STAFF MEMBERS asked that memorial funds at the University be more fully explained.

We have two such funds. The fund known to most staff members is the University of Minnesota Memorial Fund which receives memorials made in memory of staff members or members of families of staff members. This fund is administered by a committee appointed by the president on which the Faculty Women's Club has direct representation. This committee allocates its funds in accordance with the wishes of the donor if these are known; if unknown, in accordance with the wishes of the bereaved family. If wishes of the family are unknown, then the trustees make the allocations. Names of those memorialized are inscribed in a "Book of Honor" which, from time to time, is on exhibit in the Library and in the Campus Club. It is a lovely book, beautifully bound.

The General Memorial Fund, the second memorial fund, accepts memorials in memory of persons who are in no way identified with the University. A committee of staff members allocates these gifts in the same way that University of Minnesota Memorial Funds are allocated.

Gifts to either fund are acknowledged by a receipt and by special letters of thanks. Donors receive, at the same time, a stamped envelope addressed to the nearest of kin, and a card of thanks (different for each fund) which they are invited to mail.

● THE FOLLOWING PERSONS WERE REGENTS' SCHOLARSHIP WINNERS FOR SPRING QUARTER DAY school: Donna Albrecht, Lib Asst (Ag Lib); Bonnie Belt, Bookpg Mach Op (Plt Serv); Marilyn Benjamin, Sr Clk-Typ (Adm & Rec); June Checklund, Lib Asst (Math-Physics Lib); Carl Cockrell, Lab Tech Tr (Ophthal); Wayne Daley, Hlth Serv San (Univ Hlth Serv); Jean Danielson, Gen Staff Nur (Child Psych); Carmen Doren, Sr Clk-Typ (Psychol); Donald Duncan, Jr Lib (Walter Lib); Robert Eldridge, Lab Tech, (Ophthal); Leonard Englund, Sr Clk (Fr-Soph Lib); Carol Erck, Gen Staff Nur (Hosp Nur Serv); Mabel Erickson, Sr Clk-Typ (Schl of Dent); Colleen Flath, Sr Lab Tech (Ophthal); George Fornell, Pat Advr (Univ Atty); Caridad Go, Jr Sci (Ped); Lola Hagford, Sr Clk (Bio-Med Lib); Carolann Hardwick, Lab Tech (Physiol Chem); Mary Heiges, Lib Asst (Bio-Med Lib); Martha Hilgeman, Lab Tech (Dairy Ind); Irwin Ho, Sr Stat (Schl of Pub Hlth); Marilyn Hopp, Stu Tech Supvr (Hosp Lab); Robert Kaster, Jr Sci (Surg); Bette Kerr, Sr Clk-Typ (Amer Stud); Judyann Kiecker, Sec (Law Schl); Arthur Ledoux, Prin Lab Animal Attend (Surg); Marilyn McGowan, Sr Sec (Physics); Judith Meuli, Lab Tech (Med); Albert Nelson, Jr Sci (Med); Jeanene Noll, Sr Clk-Typ (Office of V Pres); Karen Nordstrom, Lab Tech (Med); Edward Nye, Prin Lab Attend (Physics); Barbara Pearson, Clk-Steno (Physics); Gordon Pryor, Lab Tech (Agron & Plt Gen); Marion Quist, Sr Clin Nur (Hosp Out-Patient Dept); Mildred Ricci, Sr Sec (Physics); Woodrow Rodda, Bldg Caretrk (Plt Serv-UMD); Ajitkumar Sanghvi, Jr Sci (Med); Katherine Shepard, Lib (Walter Lib); Edna Shipman, Sr Res Hall Couns (Res Halls-UMD); Astrid Skatberg, Gen Staff Nur (Hosp Nur Serv); Gretchen Stechmann, Sr Clk (Walter Lib); Helen Thian, Mus Asst (Art Gallery); Hubert Thibodeau, Jr Engr (Plt Serv); Aija Vitols, Sr Clk-Typ (Hosp Lab); Mary Vranesich, Jr Sci (Neurosurg); Kenneth Zimmerman, Rm Sched Anal (Adm & Rec).

Regents' Scholarship winners for spring quarter evening school were: Patricia Acton, Prin Sec (Adm & Rec); Betty Braun, Gen Staff Nur (Hosp Nur Serv); Alice Brookson, Sec (Dent); Marlene Honer, Head Nur (Hosp Op Rm); Ardis Hovland, Prin Acct Clk (Physics); Gary Mueller, Sr Clk (Walter Lib).

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The University of Minnesota STAFF BULLETIN is published twice monthly, September 15 through December 1 and January 1 through June 1, by the Department of University Relations, 213 Morrill Hall, Minneapolis 14, Minn. Subscription-free copies mailed to staff members. Non-staff member subscription rate: \$1.80. Second-class postage paid at Minneapolis, Minnesota.

William L. Nunn, Director

Georgann Koelln, Editor

Advisory Committee: University Public Information Council

● ABOUT 11,000 NEW STUDENTS, INCLUDING SOME OF THE SCHOLASTICALLY HIGHEST ranking undergraduates in the state, will enroll at the University of Minnesota this fall. Indirectly influencing many of these students' decisions to attend the University are informational programs carried on by a number of departments within the University. The principle purpose of these programs is to supply information to those students with appropriate abilities who may be considering attending the University.

One of the most successful programs is that of high school visitations, coordinated by the Freshman Cabinet through the Orientation Office. Each year, usually during the week between winter and spring quarters, University students are invited to speak to students in the high schools from which they were graduated. They discuss advantages and purposes of higher education, costs, admission procedures, and personal experiences as University students. This year 241 University students visited 117 Minnesota high schools.

Various other pre-enrollment information programs are conducted by separate schools and departments. Many participate in high school "college" or "career days" during which industry, government, the University, and other colleges in the state are invited to send staff representatives, and occasionally exhibits, to explain their opportunities. Also, University representatives appear before P.T.A. meetings, at high school commencements, and at club meetings. In turn, high school student groups are invited to visit some individual departments of the University for "open house", when tours, exhibits, and speeches focus on matters of high school interest.

Approximately 15 units and departments within the University prepare and distribute their own special brochures which are less detailed than the standard University bulletins. Many also distribute brochures prepared by professional organizations or work actively with professional associations which distribute news about University activities through their newsletters, journals, and other publications.

Tours are arranged by the Department of University Relations for groups wishing to see the University's Minneapolis-St. Paul campus, and by individual colleges for visitors with special interests. Displays are provided by many departments, on request, for special occasions such as University of Minnesota Week. Distribution and direction of scholarship applications help interest high school students in the University as does the identification and acknowledgment of superior scholarship attained by University students publicized at the high schools from which the students came.

Special meetings of University representatives and teacher groups are held, and in-service teaching institutes are conducted. The University Senate Committee on Institutional Relationships has sponsored high school-university transition conferences. University staff members also attend periodic meetings with staff members of junior and four-year colleges.

The Orientation Office, working in cooperation with all University colleges, conducts an informal schedule of activities to help new students become acquainted with the University, physically and intellectually, once they have been admitted. The new students' first experience at the University is generally the orientation-registration period, during which they take placement tests, confer with college advisers and complete final registration.

Welcome Week, the week before the opening of school, acquaints them with the various areas of a college education -- its academic, cultural, and social aspects. Lecture situations, dances, convocations, and picnics are part of the 61 activities proposed for fall of 1963.

Six Freshman Camps, which are located at sites near the Twin Cities, help new students gain a broader understanding of the goals of education by encouraging them to participate in discussion groups with faculty and upperclass student advisers, in impromptu debates with each other, and in a variety of social activities.

Other projects also help the University tell its story, although more indirectly. For example, district competition of high school bands and choruses, held on the Minneapolis campus, afford many prospective students a first-hand glimpse of the University. Student organizations sponsor many programs on and off campus which help communicate with prospective students, such as the Basketball Dance and Mixer for high school students attending the state tournament, and the Fraternity Awareness Rushing Program in which fraternity men contact prospective members individually.

# University of Minnesota Calendar of Events

## APRIL, 1963

### MINNEAPOLIS SYMPHONY CONCERTS

#### Sunday Symphony Series

Northrop Auditorium, 4:30 p.m.

April 7 -- Tchaikowsky's *Symphony No. 6*, Stanislaw Skrowaczewski conducting, and St. Olaf Lutheran Choir, Olaf C. Christiansen directing (Single tickets: \$2.00 reserved seats; \$1.50 unreserved seats) †

#### Friday Subscription Series

Northrop Auditorium, 8:30 p.m.

April 12 -- Brahms' *Requiem* with soloists and University of Minnesota Chorus, Stanislaw Skrowaczewski conducting (Single tickets \$2.50 to \$4.75) †

### UNIVERSITY ARTISTS COURSE

#### Masterpiece Series

Northrop Auditorium, 8:30 p.m.

April 27 -- Boston Symphony Orchestra, Erich Leinsdorf conducting (Single tickets \$2.00, \$3.00, \$4.00, \$5.00)\*

### CONVOCATIONS

Northrop Auditorium, 11:30 a.m. (unless specified)

- April 4 -- "Panmunjom Plus Ten: The Korean War in Retrospect" by S.L.A. Marshall, military columnist for the New York Herald Tribune Syndicate
- April 5 -- "Does Representative Government Have a Future?" by The Honorable Clark MacGregor, representative in Congress, 11:00 a.m., North Star Ballroom, St. Paul campus Student Center
- April 8 -- Preview of Spring Festival of the Creative Arts, 11:30 a.m. and 12:30 p.m.
- April 11 -- "Work and Play" by Sir Tyrone Guthrie, artistic director, Tyrone Guthrie Theater
- April 18 -- "Communism and the Academic Community" by William C. Sullivan, assistant director, Federal Bureau of Investigation
- April 25 -- "Report on Israel" by Howard Pierce Davis, world affairs analyst

### SPECIAL CONCERT

Northrop Auditorium, 8:30 p.m.

April 29 -- Michael Schneider, German organist in recital

### KAFFEE KONZERT

Main Ballroom, Coffman Union  
11:30 a.m. to 1:20 p.m.

April 9 -- Divertimento

†Tickets available at Symphony Ticket Office, 106 Northrop Auditorium (373-2331); Dayton's in Minneapolis and St. Paul where you may charge them to your account; Field-Schlick, St. Paul and Highland.

\*Reservations may be made at 105 Northrop Auditorium. Tickets for these events are also available at the Field-Schlick Ticket Office in St. Paul and the Downtown Ticket Office, 158 Cargill Building in Minneapolis, on Monday of the week prior to the performance.

\*\*Tickets available at Field-Schlick, St. Paul and Highland; Downtown Ticket Office, Minneapolis; Dayton's, Minneapolis and St. Paul; and The Hub Ticket Office, Richfield.

### SPECIAL LECTURES

- April 1 -- "The International Comparison of Saving" by Hendrik S. Houthakker, Harvard University, 3:30 p.m., 150 Classroom Building, west campus
- April 2 -- "Modern Sweden" by The Honorable Allan Nordenstam, Governor of Jonkoping, Sweden, 3:30 p.m., Murphy Hall Auditorium
- "Finiteness Properties of the Process of Clustering" by Jerzy Neyman, University of California at Berkeley, 4:00 p.m., 115 Ford Hall
- "Sex Differences in the Correlates of Mental Development" by Nancy Bayley, National Institute of Mental Health, 8:00 p.m., Murphy Hall Auditorium
- April 3 -- "Can and Should the Dollar Be Devalued?" by Hendrik Houthakker, 3:30 p.m., 150 Classroom Building, west campus
- April 4 -- "Mechanisms of Gravity Perception in Plants" by L. J. Audus, Bedford College, University of London, 11:00 a.m., Murphy Hall Auditorium
- "Some Responses of Plants to Magnetic Fields" by L.J. Audus, 3:30 p.m., Murphy Hall Auditorium
- "Genetic Variants of the Group-Specific Component of Human Serum" by Hartwig Cleve, M.D., Rockefeller Institute, 3:30 p.m., 74 Jackson Hall
- "Evaluation of the 1960 Census" by Morris H. Hansen, Bureau of the Census, 3:30 p.m., 155 Ford Hall
- April 5 -- "The Addilog Family of Demand Functions" by Hendrik Houthakker, 3:30 p.m., 150 Classroom Building
- "The Measurement and Control of Response Errors in Surveys" by Morris Hansen, 3:30 p.m., 155 Ford Hall
- April 8 -- "On the Duration of a Response" by Frank A. Logan, Yale University, 3:30 p.m., 125 Mayo Auditorium
- April 9 -- "Culture Conflict in the Italian Alps" by Eric R. Wolf, University of Michigan, 8:00 p.m., 155 Ford Hall
- April 18 -- "Ethical Relativism" by Richard Brandt, Swarthmore College, 8:00 p.m., 155 Ford Hall
- April 23 -- "The Ecological Setting for Developments to Effective Food-Production on the Zagros Flanks in Iran and Iraq" by Robert J. Braidwood, University of Chicago, 8:00 p.m., 155 Ford Hall
- April 30 -- "Anglo-American Influences on Indian Writing in English" by S. K. Kumar, Osmania University, Hyderabad, India, 3:30 p.m., Murphy Hall Auditorium

### MUSEUM SUNDAY PROGRAMS

Museum of Natural History Auditorium  
3:00 p.m.

April 7 -- "A Botanical Trip from Viet Nam to Borneo" by Ernst Abbe, Professor of Botany

### UNIVERSITY THEATER PRODUCTIONS

#### Regular Production

#### Scott Hall Auditorium

April 18, 19, 8:00 p.m.; April 20, 7:00 and 10:00 p.m.; April 23, 3:30 p.m., April 24, 25, 26, 8:00 p.m.; April 27, 7:00 and 10:00 p.m.; April 28, 3:30 p.m. -- *The Fantasticks* by Tom Jones and Harvey L. Schmidt (Single tickets \$1.75 on sale at the Scott Hall Box Office)\*\*

#### Foreign Language Play

#### Arena Theater, Shevlin Hall

April 19 to April 23 -- German play (Details may be obtained from the German Department)

### MUSIC DEPARTMENT PROGRAMS

- April 1 -- Jan Anderson, voice recital, Scott Hall Auditorium, 8:30 p.m.
- April 5 -- University of Minnesota Band, Northrop Auditorium, 8:30 p.m.
- April 20 -- Freshman Music Scholarship Auditions, Scott Hall, telephone 373-3546 for an appointment
- April 21 -- University of Minnesota Symphonic Band, Northrop Auditorium, 8:30 p.m.

### HORIZONS LECTURE SERIES

Mayo Auditorium, 8:00 p.m.

- April 1 -- "Shakespearean Image of Renaissance Man" by Robert Moore, Professor of English
- April 15 -- "Mirror of Man in the Age of Reason" by Hylton Thomas, Professor of Art
- April 29 -- "Tentative Modern Man" by Julius M. Nolte, Dean, General Extension Division (Sponsored by the Medical School in cooperation with the General Extension Division)

### ATHLETIC DEPARTMENT EVENTS

#### Track

#### Field House

April 5 -- Out-State Meet, 2:00 p.m.  
April 6 -- Out-State Meet, 1:00 p.m. (Tickets on sale at gate only)

#### Baseball

#### Delta Field

April 11 -- Augsburg College, 2:00 p.m.  
April 12 -- Bemidji Teachers, 2 games, 1:00 p.m.  
April 13 -- St. Thomas College, 2 games, 1:00 p.m. (Tickets on sale at gate only)

#### Tennis

#### University Courts, 1:00 p.m.

April 13 -- Varsity vs Freshmen  
April 16 -- Carleton College  
April 20 -- Alumni

#### Golf

#### University Course

April 30 -- Carleton College



Fred J. Hughes



Otto A. Silha



William K. Montague

● THREE NEWLY APPOINTED UNIVERSITY REGENTS TOOK THE TRADITIONAL OATH OF OFFICE AT the April meeting of the Board of Regents. They are Otto Silha, Third Congressional District, Fred J. Hughes, Sixth District, and William Montague, Eighth District. The three were elected by the State Legislature on April 10. Regents Silha and Hughes have served on the Board since May and October, 1961, respectively, on appointment of the Governor, filling vacancies created by the deaths of James Ford Bell and Ray J. Quinlivan.

Regent Montague, the only new member to the Board, was assistant state attorney general from 1928 to 1932. He was a member of the former law firm of Bailey, Mitchell, and Carmichael, and retired from active practice three years ago to become counsel for the Reserve Mining Company.

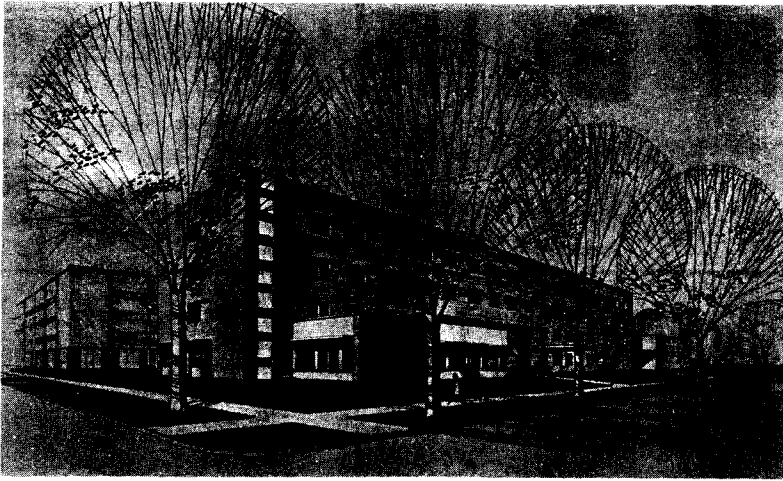
Regent Hughes was graduated from the University of Minnesota Law School in 1934 and has practiced law in St. Cloud ever since. He served as a member of the state board of tax appeals from 1943 to 1951.

Regent Silha was graduated from the University of Minnesota in 1940. He majored in journalism and was managing editor of the *Minnesota Daily*. He joined the *Minneapolis Star* as a copyreader in 1940, served in World War II, and returned to the *Star* in 1946 where he progressed to a vice presidency by 1956. He has served on the governor's advisory committee to the department of business development since 1955 and was its chairman in 1957.

The three newly named Regents will each serve on the Board for a six year term which officially began in February of this year.

● A FACULTY COMMITTEE HAS BEEN APPOINTED BY PRESIDENT O. MEREDITH WILSON AND E. W. Ziebarth, Dean-elect (Gen Ext Div) to select candidates for the position of Associate Dean in the General Extension Division. Nominations may be submitted to the committee which consists of Frederick E. Berger, Prof & Dir (Cont Study); Paul A. Cartwright, Assoc Prof & Dir (IT Plcmnt); F. Lloyd Hansen, Prof & Dir (Corres Study Dept); Robert T. Holt, Assoc Prof (Pol Sci); Burton Paulu, Dir (Radio & TV); Orville C. Peterson, Prof (Munic Ref Bur); and Donald K. Smith, Prof & Chm (Speech & Thtr Arts), committee chairman.

● ANOTHER BOOK BY A FACULTY MEMBER HAS JUST BEEN PUBLISHED. JOHN ROOD, PROF (Art), *Sculpture with a Torch* (University of Minnesota Press, Minneapolis, Minnesota, 1963).



● MINNESOTA MASONS PLAN to raise \$1,100,000 by March of 1964 to build a two-story addition to the Masonic Memorial Hospital at the University. Nearly 300 delegates from the 290 Masonic lodges in the state attended a fund campaign kick-off meeting on April 20 which was held on the University's Minneapolis campus. Here final organization plans were made and campaign materials distributed for the drive.

The present two-story Masonic Memorial Hospital was built in 1958 from an initial Masonic gift of \$1,000,000 and has met the medical needs of about 4,000 patients suffering from cancer and related diseases since then. It has provided 80 beds for patient care and treatment, training facilities for physicians and nurses, and a place for clinical research in malignant diseases. The additional floors will help to accommodate the growing number of patients being referred to the hospital by providing more bed space -- about 50 more rooms -- and new laboratories for research in malignant disease problems of children.

The Masons plan to enroll some 3,000 volunteers to raise the funds from their own ranks. It is hoped that the addition can be started in 1964.

● THE BOARD OF REGENTS, IN ITS APRIL MEETING, APPROVED THE RECOMMENDATION THAT THE campus area west of the river be known as "Minneapolis Campus, West Bank".

● THE UNIVERSITY'S SAFEST PROFESSIONAL DRIVERS WERE ACKNOWLEDGED AT THE NINTH annual driver award meeting, April 16, in Coffman Union. Department heads presented National Safety Council Awards to drivers on their staffs with accident-free records for the 1962 calendar year.

Duane Dorfner (Mpls Shops) and Lewis Lee (Campus Maint) won awards representing nine years of safe driving. Since the University has been associated with the National Safety Council for nine years, these represent the highest awards possible. John Webb (Mpls Shops) earned an eight year award.

Other award winners include: Arthur Halpin (U Police), James McDonough (U Police), Norman Pekula (Campus Maint), and Dennis Wolters (Campus Maint) -- seven year awards; Gerald Nichols (U Police) and Arthur Olson (Vending Serv) -- six year awards; Ezra Barry (St. Paul Shops), Arthur Burnquist (Campus Maint), Philip Danielson (U Police), William Edholm (St. Paul Shops), Robert Gould (U Police), Matthew Kupcho (U Police), and Hugh Pettygrove (U Police) -- five year awards; Harold Bontjes (St. Paul Campus Maint) and Alvin Marshall (Mpls Shops) -- four year awards; Lloyd McAninch (Vending Serv), Darold Telle (U Police), and Donald Wiebe (U Police) -- three year awards; Floyd Berg (Rosemount Res Cntr), Wesley Schroeder (Campus Maint), and Wallace Schultz (Vending Serv) -- two year awards; Chester Boreen (Animal Hosp), Ralph Burbach (U Police), Deane Erickson (St. Paul Campus Maint), John Foley (U Police), William Fowler (Campus Maint), and Paul Weiskopf (Gen Storehse) -- one year awards.

University police drivers are patrolmen. Others are delivery service drivers.

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William L. Nunn, Director

Georgann Koelln, Editor

Advisory Committee: University Public Information Council

● ON JUNE 17 AND 18, REPRESENTATIVES FROM THE BIG TEN UNIVERSITIES (ILLINOIS, Indiana, Iowa, Michigan, Michigan State, Minnesota, Northwestern, Ohio State, Purdue, and Wisconsin) and the University of Chicago, will meet in Chicago, as they have been doing since 1957. At this meeting they will continue to consider proposals for cooperative ventures among their schools.

Convinced that higher learning is a commodity to be shared, staff members from participating universities are pooling resources and exchanging ideas in order to help meet the four major challenges facing American higher education today: (1) a growing number of eligible college applicants, (2) a relative decline in available education facilities, (3) an inadequacy of funds, and (4) a relative shortage of qualified college teachers.

Big Ten presidents began to meet informally years ago as the "Council of Ten" to discuss common problems in higher education. The President of the University of Chicago continued to meet with the Council even after it ceased being a member of the Big Ten. In 1957, each Council president appointed a representative to serve on a committee to develop basic plans for cooperation. The University of Chicago also was invited to place a representative on the Council and the name Committee on Institutional Cooperation of the Council of Ten and the University of Chicago (CIC) was adopted in 1958. The committee has met quarterly ever since.

Such cooperation among institutions of higher learning is not unique in the nation. Interstate organizations of colleges and universities have developed in the South, the West and New England -- under mandate, however, of state legislatures. CIC membership is entirely voluntary, as is each member's acceptance of Committee proposals.

The real strength of the CIC rests with the faculties and administrators of member universities. Any staff member who has a suggestion for possible cooperation through the Committee may forward the proposal to his campus representative or to the CIC staff office at Purdue University in Lafayette, Indiana. The University of Minnesota's representative on the Council, from the beginning, has been Stanley J. Wenberg, V Pres (Ed Rel & Devel). All proposals are considered by the Committee and its decisions are referred to the Committee staff which works with the faculties of the universities involved in each specific project. It is the staff members of the individual universities who actually determine courses of action and who execute the final Committee decisions. Although its funds are limited, the CIC has often provided "seed" grants of between \$500 and \$2,500 to bring faculty groups with common cooperative interests together and to initiate necessary basic studies.

Since 1958, the CIC has been supported chiefly by a five-year grant of \$294,000 from the Carnegie Corporation. A new \$100,000 Carnegie grant was awarded to the Committee in January and will be appropriated over a four-year period beginning July 1 of this year.

The CIC, in its role as communicator, has prepared over 18 reports to date exploring areas in which cooperative action may be useful. Topics range from "The Status of Emeritus and Retired Faculty at CIC Universities" to "Language and Area Programs at CIC Universities."

A few of the many cooperative areas now in the process of being organized include: (1) language study -- where definite plans have already been made for a Far Eastern Teaching and Research Institute to be held this summer at the University of Michigan, (2) specialized laboratories and field facilities for graduate training in bioclimatology, (3) sharing of costly or highly specialized facilities in colleges of pharmacy, and (4) joint summer field seminars and laboratories in geography.

One of the most important new programs made possible through the CIC, effective this fall, is an enlargement of the idea of the "educational common market." This will allow graduate students to transfer between member institutions while they remain registered and receive credit at their home schools. Since many disciplines have special refinements where some other institutions' offerings may be particularly outstanding or useful in a student's program, graduate students will be able to take advantage of these opportunities without getting involved in new admission procedures at the host institution or registration complications at home.

"By encouraging cooperation among members, identifying areas where cooperation will strengthen a program, and helping underwrite the initiating of cooperative activities, the CIC hopes to strengthen and enlarge higher education's capacity and potential in our region," Vice President Wenberg says. "The theory is that the decline of institutional self-sufficiency will be accompanied by an accelerated strengthening of the disciplines and programs involved."

# University of Minnesota Calendar of Events

## MAY, 1963

### SPRING SEASON OF THE METROPOLITAN OPERA

#### Northrop Auditorium

May 14 -- *Otello* by Giuseppe Verdi, 8:00 p.m.  
May 15 -- *Boris Godunov* by M.P. Mussorgsky, 8:00 p.m.  
May 16 -- *Die Meistersinger Von Nuernberg* by Richard Wagner, 8:00 p.m.  
May 17 -- *Cavalleria Rusticana* by Pietro Mascagni, and *Pagliacci* by Ruggiero Leoncavallo, 8:00 p.m.  
May 18 -- *Il Barbiere Di Siviglia* by Gioacchino Rossini, 1:30 p.m.  
-- *La Traviata* by Giuseppe Verdi, 8:00 p.m.  
May 19 -- *Fledermaus* by Johann Strauss, 1:30 p.m.  
(Tickets: \$4.00, \$7.00, \$10.00, \$12.00. Mail orders accepted at 106 Northrop Auditorium, counter sales begin May 6)

### CONVOCATIONS

#### Northrop Auditorium, 11:30 a.m.

May 2 -- "Research-Key to Space" by Raymond L. Bisplinghoff, National Aeronautics and Space Administration (Engineer's Day)  
May 9 -- "A Historian Looks at the World Today" by Arnold Toynbee, British historian (Education Day)  
May 16 -- A Backstage View of the Metropolitan Opera Ballet  
May 22 -- Cap and Gown Day address by Dean Harold Macy, Institute of Agriculture

### KAFFEE KONZERT

#### Main Ballroom, Coffman Union 11:30 a.m. to 1:20 p.m.

May 8 -- Divertimento

### SPECIAL CONCERT

#### Northrop Auditorium, 4:30 p.m.

May 5 -- Student Symphonies of Greater Minneapolis, Howard Evenson conducting

### SIGNIFICANT UNIVERSITY BROADCASTS

#### KUOM, 770 on the dial

Saturday, 4:00 p.m. -- Minnesota Theater of the Air  
May 1, 8, 15, and 22, 6:00 p.m. -- Minnesota Symposium: "Ethics in Our Time"  
May 6 through 11 and 13, 6:00 p.m. -- Opera Previews  
May 29, 6:00 p.m. -- "Psychiatry and Man's Search for Meaning" by Dr. Viktor Frankl, University of Vienna

### UNIVERSITY THEATER PRODUCTIONS

#### Premiere Production Series

#### Arena Theater, Shevlin Hall

May 1, 2, 3, and 4, 8:00 p.m.; May 5, 3:30 p.m. -- *Alexander's Death* by Charles Nolte  
(Single tickets \$1.00 on sale at Scott Hall Box Office)

#### Young People's Theater

#### Scott Hall Auditorium

May 18, 10:30 a.m. and 3:30 p.m.; May 19, 3:30 p.m. -- *Simon Big-Ears* by Aurand Harris  
(Single tickets 50¢ on sale at Scott Hall Box Office)

#### Foreign Language Plays

Week of May 13 -- Spanish play, Shevlin Hall Arena Theater  
Week of May 20 -- French play, Scott Hall Studio Theater  
(Details may be obtained from the Language Departments)

### SPECIAL LECTURES

May 2 -- "Solidarity in the American Kinship System" by Paul J. Reiss, Marquette University, 3:30 p.m., 850 Social Science Building, West Bank  
May 2 -- Joseph Warren Beach Annual Memorial Lecture by Morton Dauwen Zabel, University of Chicago, 8:00 p.m., Museum of Natural History

### UNIVERSITY OF MINNESOTA TELEVISION HOUR

#### Seen on Channel 2, KTCA-TV

Monday, 9-9:30 p.m. -- "At Home with Music" with faculty and students, Department of Music  
9:30-10 p.m. -- "Many-Sided Language" with Robert Spencer, Professor of Anthropology, and members of the Social Science and Humanities faculties  
Tuesday, 9-10 p.m. -- "Medieval Civilization - Foundations of the Modern World" with Robert S. Hoyt, Professor of History  
Wednesday, 9-9:30 p.m. -- "Landscape Ideas" with C. Gustav Hard, Assistant Professor, Agricultural Extension  
9:30-10 p.m. -- "New Horizons for the Armed Services" with Rodney C. Loehr, Associate Professor of History  
Thursday, 9-9:30 p.m. -- "Folio" with host Robert Boyle, KUOM  
9:30-10 p.m. -- "Town and Country" with Ray Wolf, Associate Professor, Agricultural Extension  
Friday, 9-10 p.m. -- "The Education of an American" with Timothy Smith, Associate Professor, Education and History

### MUSIC DEPARTMENT PROGRAMS

#### Scott Hall Auditorium, 8:30 p.m. (unless otherwise specified)

May 3,4 -- Opera Workshop production of *Carmen* in English  
May 5 -- Frances Joerg, piano recital  
May 8 -- Dorothy and Miles Mauney, piano and violin recital, Northrop Auditorium, 8:30 p.m.  
May 12 -- Male Glee Club Intercollegiate Concert, Northrop Auditorium, 3:30 p.m.  
May 19 -- Roy Henderson, voice recital, Scott Hall, room 104, 6:00 p.m.  
May 21 -- Mary Helen Schmidt, piano recital  
May 26 -- University of Minnesota Concert Band with University Chorus, Northrop Auditorium, 4:00 p.m.  
May 31 and June 1 -- Phi Mu Alpha and Sigma Alpha Iota operetta production of *Christopher Sky* by Dominick Argento  
June 4 -- Senior Commencement Recital with University of Minnesota Symphony Orchestra, Northrop Auditorium, 8:30 p.m.

### UNIVERSITY GALLERY EXHIBITIONS

#### Northrop Memorial Auditorium

Through May 5 -- Recent paintings by Reid Hastie  
-- Selected Works from the Tweed Gallery, Duluth  
May 15 through June 7 -- MFA Student Show: Department of Art, University of Minnesota  
-- Gopal Mitra: Paintings and Prints

### ATHLETIC DEPARTMENT EVENTS

#### Tennis

#### University Courts

May 3 -- Iowa, Wisconsin, Northwestern, 9:00 a.m. and 1:30 p.m.  
May 4 -- Iowa, Wisconsin, Northwestern, 9:00 a.m.

#### Golf

#### University Course, 1:00 p.m.

May 4 -- Northern Illinois University

#### Baseball

#### Delta Field

May 10 -- Ohio State University, 3:30 p.m.  
May 11 -- Indiana University, 2 games, 11:00 a.m.  
May 24 -- University of Illinois, 3:30 p.m.  
May 25 -- Purdue University, 2 games, 1:00 p.m.  
(Tickets on sale at gate only)

#### Track

#### Memorial Stadium

May 11 -- University of Wisconsin, 12:30 p.m.  
May 17 -- Big Ten Meet (Prelims) 4:00 p.m.  
May 18 -- Big Ten Meet (Finals) 1:45 p.m.

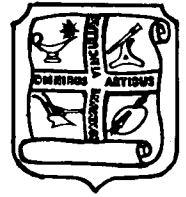
#### Football

#### Memorial Stadium

#### 2:00 p.m.

May 11 -- Spring Game





● APPLEBY HALL WAS DEDICATED AS THE NEW HOME OF THE COLLEGE OF PHARMACY ON FRIDAY, May 24. Highlights of the day included an open house, tours of the building, a dedication ceremony, and a banquet. Appleby was vacated by the School of Mines and Metallurgy in 1959 when the School moved into its new building adjoining Chemical Engineering. The College of Pharmacy, before it moved to Appleby, was located in Wulling Hall, now occupied by portions of a variety of departments including Art Education, Music, and the College of Education.

The dedication ceremony, with Frank E. DiGangi, Prof (Pharm Chem) presiding, took place at 3:00 p.m. in room 150 of Appleby. The invocation was given by the Rev. Harry Huxhold, adviser to students of the Lutheran Church, Missouri Synod, on the Minneapolis and St. Paul campuses, and speakers included Harold R. Popp, an alumnus of the College, and Minnesota State Senator; Stanley J. Wenberg, V Pres (Ed Rel & Dev); George P. Hager, Dean & Prof (Pharm Chem); Robert J. Setzer, Pres (Coll of Pharm Alum Assoc); and Charles M. North, Pres (Coll of Pharm Board of Students). Loudspeakers broadcast the ceremony throughout the building. Refreshments were served in the library.

Senator Hubert H. Humphrey, an alumnus of the University of Minnesota (A.B. '39, graduate work '40-'41) and a pharmacist himself, spoke at the evening banquet at the Leamington Hotel.

● THE BOOKS OF TWO UNIVERSITY OF MINNESOTA FACULTY MEMBERS HAVE BEEN PUBLISHED recently:

J. Edward Gerald, Prof (Jour), *The Social Responsibility of the Press* (University of Minnesota Press, Minneapolis, Minnesota, 1963).

Arnold M. Rose, Prof (Soc), (ed.) *Aging in Minnesota* (University of Minnesota Press, Minneapolis, Minnesota, 1963).

● ONE OF THE UNIVERSITY'S GREAT SCHOLARS OF THE PAST, PROFESSOR RALPH HALL BROWN, was memorialized May 3 when the Ralph Hall Brown Library was dedicated in his memory. This collection is located in the Department of Geography's new and expanded quarters in the Social Science Building on the West Bank and will be used for faculty and graduate research. Professor Brown taught Geography at the University from 1929 until his death in 1948. He was editor of the *Annals of the Association of American Geographers* and author of two monumental works, *Mirror for Americans* and *Historical Geography of the United States*. The core of the library collection, which was contributed by Professor Brown's wife, Mrs. Eunice Brown, consists of his research materials, manuscripts, and publications. The collection will grow with the addition of publications of former and present staff members and graduate students.

The Department of Geography has also initiated a Ralph Hall Brown Memorial Fund to finance an annual award for research published by a graduate student.

● SEVENTY-TWO RETIRING STAFF MEMBERS, WHO GAVE A TOTAL OF 1,657 YEARS OF SERVICE to the University, received Certificates of Merit from President O. Meredith Wilson at the 17th Annual Retirement Party on May 27. The party was held in the Main Ballroom of Coffman Union. Families and friends of retiring staff members attended. The ceremonial part of the program was tape recorded and broadcast over KUOM that evening for the benefit of people unable to attend the afternoon party. Presiding at the ceremonies, besides President Wilson, were Malcolm M. Willey, V Pres (Acad Adm), Sterling B. Garrison, Asst to V Pres (Bus Adm), and Stanley J. Wenberg, V Pres (Ed Rel & Devel). A reception followed the ceremonies.

Staff members who earned certificates for ten or more years of service to the University were:

CIVIL SERVICE STAFF MEMBERS

College of Medical Sciences

Henrietta Gage, 1933-1963

College of Science, Literature, and the Arts

Ladislav Plasil, 1953-1963

Department of Plant Services

Jake C. Berg, 1953-1963  
 John J. Bonesky, 1921-1963  
 William E. Carr, 1948-1963  
 Emily Collier, 1943-1962  
 John H. Decker, 1949-1963  
 Oscar W. Hanson, 1940-1963  
 Dagmar Hasberg, 1922-1963  
 George Larin, 1950-1962  
 Elmer J. Mangney, 1953-1963  
 Edward E. Norris, 1945-1963  
 Albin J. Struck, 1945-1962  
 Oscar P. Thomason, 1949-1963  
 Carl J. Waddel, 1947-1963

Department of University Services

Marie Briden, 1935-1962  
 Ida M. Burdorf, 1947-1962  
 Hazel Filter, 1946-1962  
 Hazel Finley, 1947-1963  
 Ida M. Hader, 1938-1963  
 Louis C. Hogan, 1951-1962 (Deceased)  
 Lenore Huntley, 1942-1963  
 Ernest W. Jacobson, 1920-1962  
 Emma V. Johnson, 1945-1962  
 Minnie Schnoor, 1945-1962  
 Susie Sedio, 1944-1962  
 Iva M. Smith, 1951-1963  
 Jetta Stabno, 1948-1963  
 Elizabeth Tomasko, 1944-1963

Institute of Agriculture

Margaret S. Drew, 1940-1963  
 Yuri Honcharenko, 1953-1963  
 Loana M. Norris, 1937-1963

Northwest School and Experiment Station

Martin Rud, 1928-1963

Rosemount Research Center

Edward Lauer, 1951-1963

University Hospitals

Marguerite Carlier, 1928-1963  
 Frances Conger, 1952-1963  
 Ethel Dehn, 1942-1963

Ann Kosloski, 1951-1963  
 Ebba Kubias, 1943-1963  
 Della M. Lee, 1943-1963  
 Beatrice Leonard, 1950-1963  
 Mamie Moore, 1947-1962  
 Jennie Schey, 1919-1963  
 Elnora H. Thompson, 1949-1962  
 Jeane C. White, 1949-1963

FACULTY MEMBERS

Academic Administration

Tracy F. Tyler, 1938-1963

College of Medical Sciences

Victor P. Hauser, 1924-1963  
 Alfred H. Ouellette, 1933-1963  
 Edward A. Regnier, 1925-1963  
 Harvey G. Rogers, 1938-1962 (Deceased)  
 George M. Tangen, 1943-1962

College of Science, Literature, and the Arts

Emmert M. Brackney, 1929-1963  
 J. William Buchta, 1921-1962  
 Raymond L. Grismer, 1931-1963  
 Lennox A. Mills, 1928-1963

General Extension Division

Julius M. Nolte, 1943-1963

Institute of Agriculture

Elmer R. Ausemus, 1947-1963  
 Robert M. Douglass, 1937-1962  
 Roger S. Harris, 1943-1963  
 Eleanor Young Loomis, 1943-1962  
 Harold Macy, 1919-1963  
 Louis W. Rees, 1927-1962 (Deceased)

Institute of Technology

Bert A. Crowder, 1938-1962  
 Thomas L. Joseph, 1936-1963

Mayo Foundation

Alexander E. Brown, 1928-1963  
 John H. Grindlay, 1946-1962  
 Frank H. Krusen, 1936-1963  
 Bernard F. McKenzie, 1922-1962

Physical Education and Athletics

Isaac J. Armstrong, 1950-1963  
 James D. Kelly, 1937-1963

West Central School of Agriculture

Nanna Jelstrup, 1929-1963  
 Fern B. Johnson, 1940-1963

The University of Minnesota STAFF BULLETIN is published twice monthly, September 15 through December 1 and January 1 through June 1, by the Department of University Relations, 213 Morrill Hall, Minneapolis 14, Minn. Subscription-free copies mailed to staff members. Non-staff member subscription rate: \$1.80. Second-class postage paid at Minneapolis, Minnesota.

● THE GREEN FOUR-LEAF CLOVER OF MINNESOTA'S 2,100 4-H CLUBS IS FAMILIAR TO MOST staff members, but the University's role in making the clubs thrive and grow is not so well known.

Nationally, 4-H Clubs gained official recognition in 1914 when Congress passed the Smith-Lever Act, creating the Cooperative Agricultural Extension Service. This service combined the efforts of counties, state land-grant colleges and universities, and the U.S. Department of Agriculture in extension education in agriculture and home economics which included "boys' and girls' club work." 4-H was set up as a means of introducing scientific methods to the farm and the rural home through the country's youth.

In Minnesota the University administers its part of the cooperative program through the Institute of Agriculture on the St. Paul Campus.

In its resident instruction capacity the Institute trains the extension agents who serve as educator-administrators in each county. County agents have University of Minnesota appointments and are a part of the faculty.

Research facilities of the Institute provide information which is incorporated into 4-H project bulletins and lesson materials. There is also a state extension specialist staff, which provides assistance in subject matter, county agent and leader training.

Each county is served by a staff of county extension agents who provide leadership in youth programs as well as in agriculture, home economics, community development, and other related fields.

The primary aim of the 4-H program is to provide young people with opportunities for personal development, leadership experience and citizenship improvement. 4-H'ers "learn-by-doing" in one or more projects each year such as foods and nutrition, home-yard improvement, entomology, shop, or livestock production. They take part in regular club meetings, give talks and demonstrations, practice judging, and exhibit their projects. 4-H members are involved in a great variety of community service projects.

There are 54,000 club members in Minnesota. Any young person between the ages of 9 and 21 may become a member. Minnesota's 4-H membership tends to be equally divided between boys and girls.

In the early days of 4-H, membership was made up predominantly of farm youth. Today, increasing numbers of urban youth are joining 4-H. In Minnesota, 74 per cent of the club's members live on farms, 15 per cent in rural nonfarm areas or small towns, and 10 per cent in urban areas. Nationally the trend is even more apparent where only 51 per cent come from farm homes but 29 per cent from rural nonfarm homes, and 20 per cent from urban homes. Since only a small percentage of young people living on farms today will remain in farming, 4-H helps them explore career possibilities.

Competition is used in 4-H as an educational device to stimulate achievement. As a result of their participation in county competition, about 3,000 4-H'ers are selected to attend the state fair each year. St. Paul and Minneapolis Campus staff members judge many of the demonstrations and exhibits at the fair.

The 4-H'ers, generally speaking, run their own clubs. Each group drafts its own programs to suit its own members and the localities in which they live. They are guided on the local level by about 10,000 unpaid volunteer adults, mostly parents, and by older club members who serve as junior leaders. Leaders are trained, counseled, and assisted by county agents.

In Minnesota, as in other states, educational grants from the federal government, matched by the state and county funds, provide the financial basis for the 4-H Club program. Many commercial and industrial firms also provide scholarships, awards and special funds -- in Minnesota last year, more than \$150,000.

Since the University first assumed its role in sponsoring 4-H Club work in Minnesota, over 750,000 youth have benefitted from 4-H "learning-by-doing" experiences.

# University of Minnesota Calendar of Events

## JUNE, 1963

### BACCALAUREATE SERVICE

Northrop Auditorium, 3:00 p.m.

June 9 -- "Measuring the Moral Strength of America" by Dr. Samuel H. Miller, dean of the Harvard Divinity School, Cambridge, Massachusetts

### COMMENCEMENT

Memorial Stadium, 7:30 p.m.

June 15 -- President O. Meredith Wilson

### UNIVERSITY SHOWBOAT PRODUCTIONS

Monday, Tuesday, Wednesday, Thursday, 8:00 p.m. - Friday and Saturday, 7:00 and 10:00 p.m.

June 19-July 6 -- *Under the Gaslight*, University of Minnesota Theater  
July 10-August 3 -- *Camille*  
August 5-17 -- *Under the Gaslight*  
August 19-24 -- *Camille*  
August 26-27 -- *Under the Gaslight*  
August 28-31 -- *Camille*  
(Single tickets, \$2.00; counter sale opens June 1 at Scott Hall Box Office)†

### MUSIC DEPARTMENT PROGRAMS

June 1 -- Phi Mu Alpha and Sigma Alpha Iota opera production  
*Christopher Sly* by Dominick Argento, 8:30 p.m., Scott Hall Auditorium  
June 2 -- Daniel Chorzempa, piano recital, 8:00 p.m., Scott Hall Auditorium  
June 4 -- University of Minnesota Symphony Orchestra, 8:30 p.m., Northrop Auditorium  
June 6 -- Donald Varville, French horn recital, 8:00 p.m., Scott Hall Auditorium  
June 7 -- David Hanson, piano recital, 8:30 p.m., Scott Hall Auditorium  
June 9 -- Michael Carrier, voice recital, 4:00 p.m., Scott Hall Auditorium  
June 19-21 -- Special Music Education workshop under direction of Arnold Caswell, pre-registration required  
June 23 -- Judith Savage, piano recital, 8:00 p.m., Scott Hall Auditorium  
June 24-26 -- Piano Workshop with Robert Pace, Scott Hall Auditorium, small registration fee  
July 1-6 -- Organ Institute with Heinrich Fleischer, registration fee  
July 1-13 -- Choral Arts Institute with Julius Herford and Robert Shaw, registration fee

### FIRST TERM SUMMER SESSION EVENTS

June 18 -- Joseph Haydn's *L'Infedelta Delusa* by the Opera Workshop of the State University of Iowa, Herald Stark, director, 8:00 p.m., Coffman Union Main Ballroom  
June 20 -- The Rainer Twins, piano duettists, 8:00 p.m., Museum of Natural History Auditorium  
June 25 -- Summer Session Chamber Orchestra with piano soloist Miles Mauney, Leopold Sipe conducting, 8:00 p.m., Coffman Union Main Ballroom  
June 27 -- "African Music as Human Behavior" by Allan Merriam, Professor of Anthropology at the University of Indiana, 8:00 p.m., Coffman Union Main Ballroom  
July 1 -- Organ Recital by Heinrich Fleischer, 8:00 p.m., Grace Lutheran Church  
July 2 -- Concert: Trio Da Camera - Barbara Long, violinist; Rachel Koefod, pianist; and Nancy Streetman, cellist, 8:00 p.m., Coffman Union Main Ballroom  
July 9 -- The Carradines presenting scenes from such masterpieces as *The Glass Menagerie* and *Elizabeth the Queen*, 8:00 p.m., Museum of Natural History Auditorium  
July 11 -- "Neutralism and the African Block" by Robert Good, director, Office of Research and Analysis for Africa, United States Department of State, 8:00 p.m., Museum of Natural History Auditorium  
July 14 -- Mozart's *Requiem* by the University Summer Session Chorus and members of Choral Arts Institute, with Symphony Orchestra, Robert Shaw directing, 2:30 p.m., Coffman Union Main Ballroom  
July 16 -- Summer Session Chamber Orchestra with soprano soloist Carol Stuart, winner of the 1963 Upper Midwest Regional Opera Auditions, Hermann Herz conducting, 8:00 p.m., Coffman Union Main Ballroom  
July 18 -- Commencement, "The University and the Good Life" by William C. Jones, dean of administration, University of Oregon, 8:00 p.m., The Mall

### SIGNIFICANT UNIVERSITY BROADCASTS

KUOM, 770 on the dial  
10:30, 12:15, 4:30, 5:55 -- Newscasts  
11:00 a.m. -- First Summer Session, classroom lecture  
1:00 p.m. -- Your Novel  
1:30 p.m. -- Public Affairs Forum  
3:55 p.m. -- Community Calendar  
5:50 p.m. -- University Bulletin Board

### UNIVERSITY OF MINNESOTA TELEVISION HOUR

Seen on Channel 2, KTCA-TV

Monday, 9-9:30 p.m. -- "At Home with Music" with faculty and students, Department of Music  
\*June 10  
9:30-10 p.m. -- "Many-Sided Language" with Robert Spencer, Professor of Anthropology, and members of the Social Science and Humanities faculties  
\*June 17  
Tuesday, 9-10 p.m. -- "Medieval Civilization - Foundations of the Modern World" with Robert S. Hoyt, Professor of History  
\*June 11  
Wednesday, 9-9:30 p.m. -- "Landscape Ideas" with C. Gustav Hard, Assistant Professor, Agricultural Extension  
June 26 - program expands, 9-10 p.m.  
9:30-10 p.m. -- "New Horizons for the Armed Services" with Rodney C. Loehr, Associate Professor of History  
\*June 19  
Thursday, 9-9:30 p.m. -- "Folio" with host Robert Boyle, KUOM  
\*June 13  
9:30-10 p.m. -- "Town and Country" with Ray Wolf, Associate Professor, Agricultural Extension  
June 20 - program expands, 9-10 p.m.  
Friday, 9-10 p.m. -- "The Education of an American" with Timothy Smith, Associate Professor, Education and History  
\*June 14

\*Programs conclude on this date

### New Summer Programs

Monday, 9-9:30 p.m., June 17 -- "Democracy" with David Cooperman, Associate Professor of Social Science - program expands June 24, 9-10 p.m.  
Tuesday, 9-10 p.m., June 18 -- "Sports" with Bruce Anderson, Athletic Department, and guests

### UNIVERSITY GALLERY EXHIBITIONS

8:30 a.m. to 4:30 p.m., Monday through Friday

June 20 through August 23 -- Stephen Greene, paintings and drawings

### UNIVERSITY OF MINNESOTA PRESS JUNE PUBLICATION

*Kenneth Burke and the Drama of Human Relations* by William H. Rueckert, Professor of English at the University of Illinois, \$6.00

†Tickets also available at the Downtown Ticket Office in Minneapolis, Field-Schlick in St. Paul and Highland, Dayton's in Minneapolis and St. Paul, and The Hub in Richfield

UNIVERSITY  
of  
MINNESOTA

# Staff Bulletin



Vol. 2, No. 15

## Special Legislative Issue

● MAJOR ACTIONS OF THE 1963 SESSION OF THE MINNESOTA STATE LEGISLATURE WHICH HAVE a direct effect upon the University and its staff are: (1) provisions for a five per cent improvement in the academic payroll for each year of the 1963-65 biennium, (2) authorization of 120 new academic positions in 1963-64, another 180 in 64-65, and (3) a \$12,478,700 appropriation for new buildings, land, and rehabilitation of existing buildings.

These and other Legislative actions, which provided the basis for a plan on which the University's 1963-64 budget will be built, are outlined in this special issue of the *Staff Bulletin*.

**FACULTY SALARIES** - The Legislature approved a sum equivalent to five per cent of the 1962-63 academic payroll to be used for the improvement of faculty compensation. Four per cent of this allotment will be used for merit salary adjustments, and one per cent will be used for the improvement of retirement benefits. The total academic allotment for promotions, salary increases and fringe benefits, as proposed in the University's 1963-64 budget plan, is \$1,183,720. Of that sum, \$965,600 was appropriated by the Legislature. The remaining amount will come from other University resources. The University had requested funds for an eight per cent increase in the faculty payroll for 1963-64.

A major change in the Faculty Retirement Plan was approved by the Regents at their June 15 meeting. The plan designates that University and staff contributions be based on a percentage of the faculty member's salary. It also makes possible an increase in final retirement allowances, applicable to most staff participating in the present plan.

Ray F. Archer, Dir (Ins & Ret), will send to each staff member, during the last week of July, a detailed explanation of the effect of the new plan on his individual program. Because of some difficulty in reaching staff members at their home addresses during the summer, the material will be sent to departmental offices for distribution. Faculty members are encouraged to leave with their departmental secretaries the addresses at which they may be reached during the last week of July.

In addition to the academic payroll increase, the Legislature appropriated \$1,044,168 to provide 120 new academic positions in the 1963-64 budget at the University. A number of appointments were made after the 1962-63 budget took effect to meet the large increase in enrollment last fall. These, together with the newly authorized allotments, provided some relief, although not the complete solution, for a critical staffing problem.

**CIVIL SERVICE SALARIES** - The Legislature appropriated funds for a one-step (four per cent) cost of living increase for all University and State Civil Service employees. The Legislature also approved funds for an additional step increase for employees in certain classes of work. A salary survey of area rates made last fall by University Civil Service and State Civil Service showed that more than a four per cent increase was needed to make rates for some work classifications comparable to average rates being paid by industrial and commercial firms and by other governmental agencies.

The Legislature did not appropriate funds for merit increases for 1963-64, but did approve funds for merit increases for the 1964-65 fiscal year. The Legislative action, therefore, substitutes the cost of living increase of one step for merit increases in the first year of the biennium. The cost of living adjustment gives raises not only to employees within each range, but also to those at the maximum of each range and at longevity steps. The cost of living adjustment also increases the minimums and maximums of each range, so that those employees still below the top step of the range can eventually go one step higher than would have been possible otherwise.

The 1963 appropriation act, as in previous sessions, provides that the University shall pay salaries comparable to the salaries paid to state employees in the classified State Civil Service.

**GENERAL MAINTENANCE** - The University was granted \$63,502,050 for general operations and maintenance during the 1963-65 biennium; \$30,137,901 for the 1963-64 fiscal year and \$33,364,149 for the 1964-65 fiscal year. This is an increase of \$8,350,595 over the total 1961-63 general operations appropriation but \$9,229,451 less than the total requested by the University for 1963-65.

The general operations appropriation for the 1963-64 academic year includes \$965,600 for the selective salary adjustments for promotion and special merit increases for faculty members, and \$666,486 for the civil service cost of living salary adjustment and selected pay range changes.

**HOSPITALS, MORRIS CAMPUS, AND SPECIAL APPROPRIATIONS** - Specific Legislative appropriations were made for three major divisions of the University for 1963-64: University Hospitals, \$3,835,571; University of Minnesota, Morris, which next year will expand to a four-year curriculum, \$473,869; and "Legislative Special" appropriations, including special extension and research activities, \$2,614,229.

The appropriation for various University experiments and investigations was made with the provision that the results of such research activities be reported to the 1965 Legislature. From a total \$1,180,000 appropriation for general agricultural research, the Legislature designated that forestry research including disease and insect research, new product research, forest management research, and hardwood timber species research be covered in the school's research program.

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Dear Staff Members:

In this issue of the *Staff Bulletin* you will find a report on funds provided to the University of Minnesota by the 1963 State Legislature.

Clearly these appropriations are less than we had hoped for. Nevertheless, they do represent an impressive share of the funds available to the legislators and they do reflect an understanding of the problems we face and a willingness on the part of members of the House and the Senate to provide for us as generously as they felt the state's resources would permit.

Faced with public opinion that rejects increased levels of taxation, while at the same time presenting needs for increased services, legislators have a difficult choice.

We are grateful to the members of the Legislature for their untiring efforts and the careful consideration they accorded to our requests.

As a result of the limited appropriations available to us in 1963-64, it has been necessary to increase tuition effective with the fall term. To me this represents a philosophical defeat. The Regents of the University share my distress. They believe with me that low tuitions and equal opportunities in education are vital to democracy. It is our hope that this continuing rise in the cost of education for the student can be halted.

As we move into the new biennium we will continue to seek ways in which we can more effectively serve our students. To do otherwise would be fatal, for the future will bring with it tremendous problems. Increased enrollments in 1963-64 will be but nominal, but in the following year the advance wave of the post-war population increase will reach us.

In subsequent years enrollments will rise dramatically. Somehow we must find ways to accommodate them.

It is important that the people of Minnesota understand that these increases do not represent any seeking after size on the part of the University. Instead they represent the numbers of students who will be expected to present themselves to us, seeking education. We must not fail them.

Sincerely,



O. Meredith Wilson  
President

PERMANENT UNIVERSITY FUND - Investment management of the Permanent University Fund was returned, by Legislative action, to the jurisdiction of the University Board of Regents.

The permanent trust fund, dedicated to support of the University, contains more than \$47,000,000, according to the latest general report of the state treasurer's office.

● UNIVERSITY REGENTS APPROVED AN INCREASE IN STUDENT TUITION AT THEIR JUNE 15 meeting. The increase, effective fall quarter of 1963, was necessary to bridge the gap between University needs as recognized by the Legislature's actions and the money actually made available by the Legislature for the coming two years. For the greatest percentage of students, tuition will be increased \$5 per quarter. Following is a comparison of old and new rates for residents and nonresidents.

	<u>Minnesota Resident</u>		<u>Non-Resident</u>	
	<u>Old</u>	<u>New</u>	<u>Old</u>	<u>New</u>
Agriculture, Forestry, and Home Economics; Dental Hygiene; Duluth; Education; General College; Morris; Liberal Arts	\$80	\$85	\$220	\$240
Business Administration; Medical Technology; Pharmacy; Physical and Occupational Therapy; Public Health (except Hospital Administration)	86	91	225	245
Dentistry and Graduate Work	145	155	300	330
Graduate School, more than 6 credits	86	91	225	245
6 credits or less, or Thesis only	43	45.50	112.50	122.50
Law School and Graduate Work; Mortuary Science	100	105	225	245
Medical School and Graduate Work; Hospital Administration	150	155	310	330
Nursing, Plan A (ending June 1965)	80	85	145	165
Other programs	80	85	220	240
Technology, Institute of Lower Division	80	85	220	240
Upper Division	86	91	225	245
University College	Tuition of college in which work is taken			
Veterinary Medicine and Graduate Work	125	140	290	310

Each student also pays a \$20.00 Incidental Fee to cover non-instructional costs.

It is estimated that the increased tuition will yield \$8,749,541 for the year 1963-64, based on a projected enrollment of 33,010 students.

The increase will not cause any major change in the relationship of Minnesota tuition rates to rates of other publicly supported Big Ten institutions. The University is now about one step above the median among Big Ten schools and will stay at or close to that position. Nonresident rates, however, which now are slightly below the median, may move up one step.



**BUILDINGS** - The Legislature appropriated \$12,478,700 to the University for new buildings, land, and for rehabilitation of existing buildings during the 1963-65 biennium.

University requests compared with Legislative appropriations for each campus are as follows:

Minneapolis - \$20,942,500 requested - \$6,353,500 granted for planning and construction of the first half of a library, completion of four floors in the Social Science and Business Administration buildings, land acquisition, street re-location, and planning of a Classroom Building at the bridgehead -- all on the West Bank; also, for construction of a connecting office link between Main Engineering and Electrical Engineering, construction of a new boiler for the heating plant, matching money for a Museum of Natural History addition, and \$100,000 toward further rehabilitation in the University Hospitals -- all on the East Bank.

St. Paul - \$8,498,000 requested - \$3,470,500 granted for construction of an addition to Snyder Hall, phase II of the Crops Research Building program, remodeling and rehabilitation of Green Hall, installation of elevators in Agronomy and Plant Pathology, rehabilitation of Snyder Hall, rehabilitation of the Northwest Greenhouses, construction of heating tunnels and sanitary sewers, and completion of the road from Cleveland Avenue to the Machinery Building.

Duluth - \$3,534,000 requested - \$1,444,000 granted for construction of a library addition, completion of construction of the Education Building, equipment for the Industrial Education Building, and 25 per cent of the cost of additional student housing.

Morris - (including the West Central School of Agriculture) - \$1,516,400 requested - \$717,800 granted for construction of a Science Building and the repair and extension of tunnels.

Crookston - \$277,000 requested - \$60,000 granted for various rehabilitation and construction projects.

Waseca - \$426,240 requested - \$400,000 granted for a dormitory wing.

Rosemount - \$126,100 requested - \$14,000 granted for a cottage on the North Beef Farm.

Cloquet - \$73,000 requested - \$10,000 granted for a wood processing building and equipment.

Itasca - \$8,900 requested - \$8,900 granted for construction of an addition to the Research Laboratory and one faculty cabin.

The Legislature granted no appropriations for the University's requests which totaled \$318,000 for projects at the North Central School of Agriculture at Grand Rapids, the Northeast Experiment Station at Duluth, the Excelsior Fruit Breeding Farm, and the Landscape Arboretum at Excelsior.

The \$12,478,700 building appropriation for 1963 is \$4,689,349 more than the 1961 appropriation of \$7,789,351, but \$23,241,440 less than the University's original building request of \$35,720,140.

The 1961 building bill was shelved pending the passage of Amendment 2 in November of 1962. But even after voters passed Amendment 2, the 1961 building appropriation was not immediately available to the University because a question arose as to the legality of the passage by the 1961 Legislature of a building bill, the effectiveness of which was contingent on the outcome of a subsequent election. The 1963 Legislature settled this matter expeditiously early in the session by repassing the 1961 building bill. The \$7,789,351 then became available to the University.

● COLLEGE TEACHERS WHO ARE EMPLOYED AT ANY ACCREDITED MINNESOTA COLLEGE OR UNIVERSITY and who are new to Minnesota may be granted resident tuition privileges when they enroll at the University as the result of recent action by the Regents on residency matters. Also, sons and daughters of new full time University of Minnesota faculty members and of certain other new University staff members who heretofore would have been charged the nonresident tuition may now pay tuition at the resident rate from the time of their parents' University employment. These new privileges, intended to be helpful particularly to Minnesota college teachers during their first year in the state, apply specifically to the following persons: (1) faculty members of other accredited Minnesota institutions of higher education from the time of taking up teaching duties in Minnesota, and (2) those who have accepted full time academic appointments, instructor or above, at the University, and members of their immediate dependent families.

This privilege also is extended to foreign diplomatic officials on duty in Minnesota, and to their immediate dependents.

For a ruling on tuition at the lower rate, anyone who considers himself eligible is invited to contact the office of the Recorder, Admissions and Records, on the Minneapolis Campus. Department heads should inform new staff members of this possible opportunity.

● THE IMPACT OF THE COLLEGE AGE POPULATION EXPLOSION IN PUBLIC INSTITUTIONS OF higher learning in the mid-twentieth century is dramatically illustrated by a recent survey conducted by the United States Office of Education. This indicates that by 1970, the enrollment in public colleges and universities will be more than double that in private ones.

In 1950, fall enrollment of degree-credit students in public colleges and universities was 1,144,901; in the same year, in private institutions it was 1,141,599--almost even. By 1962, however, fall enrollment in public institutions was 2,573,720 and in private institutions it was 1,601,216. Projected figures for 1970 predict fall enrollment of 4,571,000 students in public institutions and only 2,388,000 in private institutions.

College-level enrollments at the University of Minnesota in this academic year, 1962-63, were 33,616, while enrollments in Minnesota's private colleges came to 17,653. By 1972-73, University enrollment should reach 55,700, state and junior college enrollment should be 35,000, while private college enrollment will be only 25,216.

● REGENTS' SCHOLARSHIP WINNERS FOR SUMMER SESSION I ARE AS FOLLOWS:  
Diane Barber, Speech Path (Phy Med & Rehab); June Checklund, Lib Asst (Lib); Carl Cockrell, Lab Tech (Ophth); Leonard Englund, Sr Clk (Lib); Marion Erickson, Sr Sec (Hum-UMD); Mary E. Faricy, Stu Pers Wkr (Stu Unions-StP); Marian Ferguson, Sr Clk (Lib); Virginia Havener, Jr Sci (Ophth); Mary Heiges, Lib Asst (Lib); Verna Hoverman, Sr Stat Clk (Ag Econ-StP); Patricia Jensen, Lab Tech (Vet Med & Clin-StP); William Karges, Jr Engr (Plt Serv); Joyce Kertschmer, Sec (Mech Engr); William Kreykes, Sr Lab Tech (Ob & Gynecol); Janet Lamkin, Jr Lib (Jour); Margie Lardy, Sr Sec (Mus of Nat Hist); Esther Maglaya, Sr Sec (Derm); Judith Meuli, Lab Tech (Med); Lois Moberly, Stu Pers Wkr (Stu Unions); Raymond Murray, Sr Clk (Lib); Nancy Nyquist, Jr Sci (Dent); Patrick O'Connor, Clk (Gen Strhse); Bernice Parks, Lib Asst (Ent-StP); Mildred Ricci, Sr Sec (Physics); Clyde Scroggins, Asst Art Gallery Tech (Art Gallery); Edna Shipman, Sr Res Hall Couns (Res Halls-UMD); Hubert Thibodeau, Jr Engr (Plt Serv); Joyce Viessman, Sec (Bus Off).