

UNIVERSITY OF MINNESOTA
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MINNEAPOLIS 14, MINNESOTA
FEderal 2-8158 EXT. 6700
JANUARY 2, 1962
Press releases

CANADIAN SCIENTIST
TO SPEAK ON
EARTH'S INTERIOR

(FOR IMMEDIATE RELEASE)

"The Deep Interior of the Earth" will be explored by Professor Robert Uffen, chairman of the department of physics and geophysics of the University of Western Ontario, London, Ont., in a free lecture at 7:30 p.m. Tuesday, Jan. 9, in Murphy hall auditorium at the University of Minnesota.

A Canadian scientist who has developed original ideas in several fields of earth and space science, Professor Uffen has been particularly interested in deducing the chemical composition and physical structure of the deep interior of the earth.

Professor Uffen's lecture is the fifth in a distinguished lecture series in geophysics co-sponsored by the school of mines and metallurgy, department of mechanical engineering and the department of concerts and lectures.

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ROTC COURSES
TO EARN DUAL
CREDIT AT 'U'

(FOR RELEASE WEDNESDAY, JANUARY 3)

Minneapolis --- A significant development in University of Minnesota policy whereby certain Reserve Officers Training Corps (ROTC) courses will receive both ROTC credit and credit in a related academic department was announced today by Professor Rodney C. Loehr, chairman of the University Senate ROTC committee.

Under the new program which begins this week with the opening of winter quarter, four ROTC courses are approved for dual credit. The Army's one-credit Military History course and the Navy's six-credit Seapower course will be given academic credit in the history department. A three-credit Navy course in Celestial Navigation will earn credit from the astronomy department, and another Navy course in Weapons Warfare and National Policy will earn three credits from the political science department.

The latter course is being accredited on an experimental basis for one year, according to Harold W. Chase, associate professor of political science and a member of the University's ROTC committee.

"This program is educationally very important," Professor Loehr explained, "because it brings the ROTC departments and other academic departments into much closer relationship. Students in colleges such as the institute of technology and science, literature and the arts may receive credit toward their academic degrees for ROTC courses and, at the same time, meet the officer training requirements of the ROTC units themselves."

(MORE)

ROTC

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Professor Loehr illustrated the meaning of the new policy by pointing out that institute of technology students who take the two ROTC history courses or the political science course can use the credits to satisfy the non-technical elective requirements of a particular college as well as ROTC requirements.

The new program was worked out in close cooperation with Frank Verbrugge, associate dean of the institute of technology, and members of his faculty. It is expected that other ROTC courses will be added to the list of those now approved as carrying dual credits.

Dr. Loehr said plans are being made to review such ROTC courses as Aerial Photography and Terrain Analysis which might have relevance in the training of archaeologists, foresters and geographers.

The courses will be reviewed periodically by the related academic departments to insure that both course content and teaching staff meet University academic standards.

Commenting on the new policy, Academic Vice President Malcolm M. Willey said, "The Minnesota plan now being initiated may well serve as a model to be followed on other campuses. One of the serious problems involving ROTC is that requirements of academic departments have become more and more inclusive, and at the same time ROTC programs have basic course requirements too. The result is that ROTC students have been finding it increasingly difficult to meet both sets of requirements without a serious overload of course work or the necessity of lengthening their college courses.

"What has been devised here by the faculty is a most important first step in reducing this problem," Willey concluded.

ALUMNI INFORMATION

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

- ABERDEEN UNIVERSITY (Scotland)---James Bannerman Troup (M.B.,Ch.B. '51) master of science in orthopedic surgery.
- AGRA UNIVERSITY---Ishwar Chandra Bhateley (M.Sc. '55) master of science.
- AGRICULTURE, COLLEGE OF (Iraq)---Abdul Kareem Nasir Al-Dulaimi (B.Sc.'56) master of science.
- AGRICULTURAL COLLEGE (India)---Narayan V. Belur (B.Sc. '51) master of science.
- ALBERTA, UNIVERSITY---Geraldine Mary Farmer (B.Ed. '48) doctor of philosophy.
- ALEXANDRIA UNIVERSITY (Egypt)---Hassan Salama Elfiky (B.A. '47) doctor of philosophy.
- ALLAHABAD, UNIVERSITY OF---Gaurikant Mishra (B.Sc. '43) master of science in civil engineering. (hydromechanics).
- ATHENS, UNIVERSITY OF---John Evangelos Karoussos (Graduate '51) master of arts.
- ARIZONA, UNIVERSITY OF---Catherine Ann Pfaff (B.S. in H.Ec. '46) master of arts.
- AUGSBURG COLLEGE---Richard Harry Aune (B.A. '50) master of arts; Magne Bernard Olson (B.A. '58) master of arts.
- AUGUSTANA COLLEGE (S.D.)---Norman Dale Petrik (B.A. '60) master of arts.
- BANARES HINDU UNIVERSITY---Indira Malani (M.A. '53, B.Ed. '54, M.Ed. '55) master of arts; Padukone Krishna Rao (B.Sc. '52) master of science.
- BEIRUT, AMERICAN UNIVERSITY OF---Ara Vahan Doumanian (M.D. '53) doctor of philosophy.
- BELOIT COLLEGE---Mary Eaton Read (B.A. '59) master of arts.
- BEMIDJI STATE COLLEGE---Theodore Berton Olson (B.A. '49) master of arts.
- BIHAR VETERINARY COLLEGE---Saroj Kant Jha (G.B.V.C. '51) master of philosophy.
- BOMBAY UNIVERSITY---Padukone Krishna Rao (M.Sc. '59) master of science.
- BOSTON COLLEGE---George William Wermers (M.S. '55) doctor of philosophy.
- BROOKLYN COLLEGE---Martin Freundlich (B.A. '55) doctor of philosophy.
- BUTLER UNIVERSITY---William Charles Needler (B.S. '54) doctor of philosophy.
- CAIRO, UNIVERSITY OF---Abdel-Moneim Mohammed Makky (B.S. '52, M.Sc. '57) master of science; Mahmoud Adawi Abdel-Rahman (B.Pharm.'57) master of science; Mohamed Ali El-Hodiri (B.Com. '58) master of arts.
- CALCUTTA, UNIVERSITY OF---Hari Narayan Dam (B.A. '44, M.A. '47) master of arts; Lal Mohan Mukherjee (B.S. (Hons.) '49, M.S. '51) doctor of philosophy.
- CALIFORNIA INSTITUTE OF TECHNOLOGY---Ralph Ottmar Kehle (B.S. '56, M.S. '57) doctor of philosophy.
- CAPE TOWN, UNIVERSITY OF---Robert William Mayo Frater (M.D.'52) master of science in surgery.
- CARLETON COLLEGE---Elizabeth Nason Furber (B.A. '53) master of arts; J. Frederick Hanson (B.A. '54) master of arts; Elizabeth Ann Shelver (B.A. '53) master of arts.
- CARNEGIE INSTITUTE OF TECHNOLOGY---Charles William Kern (B.S. '57) doctor of philosophy.
- CLARKE COLLEGE---Sister Mary Lucilda O'Connor (B.A. magna cum laude '40) doctor of philosophy.
- COE COLLEGE---Catherine Denis Papastathopoulos (B.A. '59) master of arts in public administration.
- COLORADO STATE COLLEGE OF EDUCATION---LaVern Lowell Blietz (B.A. '59) master of arts.
- COLORADO, UNIVERSITY OF---John Davis Palmer (B.S. '54, M.S. '55) doctor of philosophy.
- CONCORDIA COLLEGE---Arvid Neil Skogerboe (B.A. '50) master of arts; Earl Owen Knutson (B.A. summa cum laude '58) master of science.
- CORNELL COLLEGE---Louis John Adolphsen (B.A. '39) doctor of philosophy.
- CREIGHTON UNIVERSITY---Richard William Schuele (B.S. '57) master of arts.

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- DARTMOUTH COLLEGE---Robert Warren Campbell (B.A. '57) doctor of philosophy;
Thomas Diedrich Wittenberg (B.A. '58) master of arts.
- DELHI, UNIVERSITY OF---Narinder Kumar Mehta (B.Comm. '58) master of arts.
- DENVER, UNIVERSITY OF---Richard Bruce Erno (M.A. '51) doctor of philosophy.
- DETROIT INSTITUTE OF TECHNOLOGY---Chester Anthony Glomski (B.S. '51) doctor of philosophy.
- DETROIT, UNIVERSITY OF---James Arthur DeMattia (B.S. '59) master of science.
- DURHAM UNIVERSITY---Muriel Wilson Mixon (Dip.F.A. '34) master of arts.
- EIN SHAMS UNIVERSITY---Salah El-Din Ahmed Osman (B.Sc.,Agr. '58) master of science.
- ESCUELA PARTICULAR DE AGRICULTURA (Mexico)---Ernesto De Las Casas-Aguirre (Agronomist '55) master of science.
- FORDHAM UNIVERSITY---George Edward Kenny (B.S. '52) doctor of philosophy.
- GRINNELL COLLEGE---Harriett Jean Demorest (B.A. '34) master of arts.
- GUSTAVUS ADOLPHUS COLLEGE---Roberta Anderson Gardner (B.A. summa cum laude '58) master of science.
- HAMLIN UNIVERSITY---Norbert G. Benzel (B.A. '54) master of arts; Robert Lewis Greenslit (B.A. '51) master of arts; Robert Anthony Lorence (B.A. '55) master of arts; Charles Frederick Sjogren (B.A. cum laude '54) master of arts.
- HARVARD UNIVERSITY---Douglas C. Stenerson (B.A. magna cum laude '42, I.A. '43) doctor of philosophy.
- HOPE COLLEGE---Keith LaMar Brower (B.A. '58) master of science.
- ILLINOIS INSTITUTE OF TECHNOLOGY---Louis Spencer Cove (B.S. in Ch.Eng. '59) master of science in chemical engineering.
- ILLINOIS, UNIVERSITY OF---Jon Morse Laible (B.A. '59) master of arts; George Albert White (B.S. '57, M.S. '58) doctor of philosophy.
- INDIAN INSTITUTE OF SCIENCE---Mangalore Damodar Pai (D.I.I.S. '57, D.I.I. S.;'58) master of science in electrical engineering.
- INDIAN INSTITUTE OF TECHNOLOGY---Dhamo Tahil-Ramani (B.Tech.,Hons., '56) master of science in civil engineering.
- INDIANA UNIVERSITY---Herman Richard Casdorff (M.D. '53) doctor of philosophy in medicine.
- IOWA STATE COLLEGE---Myron Eugene Snesrud (B.S. '56) master of science in mechanical engineering;Eula Rosina Tombaugh (B.S. '43) master of arts.
- IOWA STATE TEACHERS COLLEGE---Dorothy Vallier Kalns (B.A. '47) master of arts.
- KANSAS STATE COLLEGE---Paul Edward Merz (B.S. '54) doctor of philosophy.
- KANSAS STATE TEACHERS COLLEGE (Pittsburgh)---Louis Henry Hoover (M.S. '39) doctor of philosophy.
- KARLSRUHE, UNIVERSITY OF---Peter Alfred Schoeck (Graduate '52) doctor of philosophy.
- LAVAL UNIVERSITY---Bernard Turcotte (M.D. '56) master of science in radiology.
- LEEDS, UNIVERSITY OF---Keith Edward Fountain (B.A. '57) master of arts.
- LONG BEACH STATE COLLEGE---Thomas Michael Peters (B.S. '59) master of science.
- LONG ISLAND UNIVERSITY---Martin Freundlich (M.S. '57) doctor of philosophy.
- LOYOLA UNIVERSITY---Edward Jimenez-Pabon (M.D.'49) doctor of philosophy; Sister Mary Lucilda O'Connor (M.A. '48) doctor of philosophy.
- LUTHER COLLEGE---Alice Ruth Ranum (B.A. cum laude '49) master of arts; Thalia Elizabeth Wittman (B.A. summa cum laude '49) master of arts.

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- MACALESTER COLLEGE---Edward Donald Berglund (B.A. '58) master of science; William Towner Morgan (B.A. '55) master of arts; Charles Thomas Yarusso (B.A. '54) master of arts.
- MADRAS, UNIVERSITY OF---Mangalore Damodar Pai (B.S. '54) master of science in electrical engineering; Padukone Krishna Rao (B.Sc.'47) master of science.
- MAINE, UNIVERSITY OF---Leslie Spalding Haines (B.A. with honors '59) master of arts.
- MANITOBA, UNIVERSITY OF---Morris David Faiman (B.S. '55) master of science; Donald Myles Gillmor (B.A. '49) doctor of philosophy; Lawrence Steve Jurewicz (B.Sc., M.E., '58) master of science in mechanical engineering; Elinor Kathleen Kennedy (B.A. '44) master of arts.
- MANHATTANVILLE COLLEGE OF THE SACRED HEART---Sarah Elizabeth Lampert (B.A. '57) master of arts.
- MANKATO STATE COLLEGE---Willis Ashley Boynton (B.A. '48) certificate of specialist in education; Dennis Larry Hogenson (B.S. '57, M.S. '59) master of arts; Lillian Scholljegerdes Davies (B.S. '44) doctor of philosophy.
- MARQUETTE UNIVERSITY---Gloria Joan Trelle (B.S. magna cum laude '54) master of science.
- MASSACHUSETTS INSTITUTE OF TECHNOLOGY---James Lewis Levine (B.S. '58) master of science; Dionysios Elias Speliotis (M.S. in E.E.'57, E.E.'58) doctor of philosophy.
- MEDICAL EVANGELISTS, COLLEGE OF---Thomas Edwin Godfrey (M.D. '57) master of science in medicine.
- MERRIMACK COLLEGE---George William Wermers (B.A. '53) doctor of philosophy.
- MIAMI UNIVERSITY---John Frederick Brandts (B.A. summa cum laude '56) doctor of philosophy.
- MICHIGAN COLLEGE OF MINING AND TECHNOLOGY---Jacques Richard Jorgensen (B.S. with honors '52) doctor of philosophy.
- MICHIGAN STATE COLLEGE---Richard Bruce Erno (B.A. '50) doctor of philosophy.
- MICHIGAN STATE UNIVERSITY---Saroj Kant Jha (M.S. '59) doctor of philosophy; Jacques Richard Jorgensen (M.S. '57) doctor of philosophy.
- MICHIGAN, UNIVERSITY OF---Wesley Sherran Sommers (B.S.E. '50, M.A. '55) doctor of philosophy.
- MATHURA VETERINARY COLLEGE---Surendra Kumar (B.V.Sc. & A.H. '57) master of science.
- MISSOURI, UNIVERSITY OF---Francis Aloysius Wood (B.S.F. '55, M.A. '56) doctor of philosophy.
- MONTANA STATE COLLEGE---Donald Kenneth Scharff (B.S. '47, M.S. '50) doctor of philosophy.
- MOORHEAD STATE COLLEGE---Hubert Albion Anderson (B.S. with honors '52) master of arts.
- MORNINGSIDE COLLEGE---Frank William Bridges (B.A. '51) master of arts.
- NATIONAL CENTRAL UNIVERSITY (China)---Chuck Yi Wong (B.E. '48) master of science in electrical engineering.
- NATIONAL CHENG-CHI UNIVERSITY---Winston Shan-Siang Lei (B.A. '49) master of arts.
- NATIONAL TAIWAN UNIVERSITY---Po-Fang Hsieh (B.Sc.'57) master of science; Chin-Hsiu Huang (B.S.'52) master of science in electrical engineering; Chia-Lun Hu (B.S.'58) master of science in civil engineering; Chen Hong Lee (B.S. '56) master of science in civil engineering.
- NATIONAL YUNNAN UNIVERSITY---William T. Sher (LL.B.'46) master of arts.
- NEBRASKA STATE TEACHERS COLLEGE---Evelyn C. Thompson (B.A.'37) master of arts.

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- NEBRASKA, UNIVERSITY OF---Dan Edward Tolman (B.S.B.A.'53, B.S.D.'57, D.D.S. '57) master of science in dentistry; William Goodrich Tomek (B.Sc.'56, M.A. '57) doctor of philosophy.
- NEGROS OCCIDENTAL, UNIVERSITY OF---Jesus Fallega Zarandin (B.S. Comm. summa cum laude '56) master of arts.
- NEVADA, UNIVERSITY OF---Vernon George Pursel (B.S. '58) master of science.
- NEW JERSEY COLLEGE FOR WOMEN---Ellen Yonneff Siegelman (B.A. '47) master of arts.
- NEW YORK MEDICAL COLLEGE---David Fulton Reese (M.D. '55) master of science in radiology.
- NEW YORK, STATE UNIVERSITY OF---Ronald Floyd Stinnett (B.S. magna cum laude '52) doctor of philosophy.
- NORTH CAROLINA, THE AGRICULTURAL AND TECHNICAL COLLEGE OF---Aston Sylvester Wood (B.S. '59) master of science.
- NORTH DAKOTA, UNIVERSITY OF---George Edward Kenny (M.S. '57) doctor of philosophy.
- NORTHEAST MISSOURI STATE TEACHERS COLLEGE---Karen Kimiyo Horibe (B.S. in Ed. '59) master of science.
- NORTHERN STATE TEACHERS COLLEGE---Melvin F. Tuscher (B.S.Ed.'55) master of arts.
- NORTH DAKOTA STATE UNIVERSITY---Dale Anthony von Ruden (B.S. '59) master of science.
- NORTHLAND COLLEGE---Vernon Iner Fryklund (B. of Ph. '52) master of arts; William Whitcomb Otis (B.A. '54) master of arts; Garfield Joel Rowe (B.A. '35) master of arts; Richard Allen Scamfer (B. of Phil. '53) master of arts.
- NORTHWESTERN COLLEGE---Harry Eugene Farra (B.A. cum laude '58) master of arts; Margaret Davis Reschlein (B.A. summa cum laude '59) master of arts.
- NOTRE DAME, UNIVERSITY OF---Paul Edward Merz (M.A. '55) doctor of philosophy.
- OHIO WESLEYAN UNIVERSITY---John Walter Russell (B.A. '58) master of science; Judith Rose Tennant (B.A. '40) doctor of philosophy.
- OKLAHOMA STATE UNIVERSITY---Melvin G. Greeley (B.S.'54, M.S.'57) doctor of philosophy; Bill Wade Kennedy (M.S. '55) doctor of philosophy.
- OREGON STATE COLLEGE---Elton Glen Nelson (B.S.'37, M.S.'46) doctor of philosophy.
- OSMANIA UNIVERSITY---Obaid Ul Haq (B.A.'52, M.A.'54) master of arts.
- OXFORD UNIVERSITY---Edward John Walter Bowie (B.M.,B.Ch. '52) master of science in medicine.
- PAEDAGOGISCHE HOCHSCHULE (Germany)---Dorothea Ursula Brusckke (Graduate) master of arts.
- PENNSYLVANIA, WOMEN'S MEDICAL COLLEGE OF---Eleanor Marie Kohn (M.D. '55) master of science in plastic surgery.
- PHILIPPINES, UNIVERSITY OF---Josefa Abarcar Diditanan (B.S.E. cum laude '52) master of arts.
- PRAIRIE VIEW UNIVERSITY---Faye McClellan Wells (B.A. '44, M.S. '49) master of arts.
- PRINCETON UNIVERSITY---Neville Blakemore, Jr. (B.S.E. cum laude '60) master of science in chemical engineering; Richard Wilbur Johnson (B.A. cum laude '56) doctor of philosophy.
- PUERTO RICO, UNIVERSITY OF---Edward Kimenez-Pabon (B.S. cum laude '45) doctor of philosophy; Juan Figueroa-Torres (B.A. with high honors '60) master of arts in public administration.
- PURDUE UNIVERSITY---Leland Kenneth Dahle (M.S.'53) doctor of philosophy; John Howard Nelson (B.S.'52, M.S.'53) doctor of philosophy.
- QUEEN'S UNIVERSITY---David Wallace Ingram (M.B.,B.Ch.,B.A.O.'50) master of science in medicine.

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- RANGOON UNIVERSITY---Po Myat Ya (M.B.,B.S. '49) master of science in surgery.
READING, UNIVERSITY OF---Thomas Michael Kitley Evans (B.Sc.,Agric., '54) master of science.
RHODE ISLAND, UNIVERSITY OF---Dionysios Elias Speliotis (B.S. '55) doctor of philosophy.
ROORKEE UNIVERSITY---Gaurikant Mishra (C.E.,Hons. '45) master of science in civil engineering.
ST. CATHERINE, COLLEGE CF---Nancy Jane McMullen (B.A. '57) master of arts; Mary Patricia Ryan (B.S. '41) master of science; Sheila Mary Stribley (B.A. '58) master of arts.
ST. CLOUD STATE COLLEGE---Lewis Dean Bennett (B.S. '53) master of arts; Calvin H. Dreier (B.S. '51) master of arts; Melvin George Hoagland (B.S. '53) master of arts; Albion Jerome Kromminga (B.S. '55) doctor of philosophy; Marlowe Gene Severson (B.S. '53) master of arts.
ST. JOHN'S COLLEGE (India)---Ishwar Chandra Bhateley (B.Sc. '52) master of science.
ST. OLAF COLLEGE---Leland Kenneth Dahle (B.A. cum laude '50) doctor of philosophy; Arndt Folkvard Braaten (B.A. '49) master of arts; Gerhard Malling Cartford (B.M. magna cum laude '48) doctor of philosophy; Paul Kenneth Christianson (B.A. '59) master of arts; John Wagner Drenckpohl (B.A. cum laude '59) master of science; Howard Clayton Lerohl (B.A. '53) master of arts; James Bert Togeas (B.A. '59) master of arts.
ST. MARY'S COLLEGE---David Edward Hamerski (B.S. cum laude '58) master of science; William Anthony Joern (B.A. '58) master of science; Brother Dominic Krivich (B.S. '51) master of arts; Lawrence Paul Monnens (B.A. cum laude '60) master of arts; Brother L. Ambrose Sebesta (B.S.S. '46) master of arts.
ST. TERESA, COLLEGE OF---Patricia Hill (B.A. '48) master of arts.
ST. THOMAS, COLLEGE OF---Jerome Koenig (B.A. '52, M.Ed. '57) master of arts; James Clement Mickus (B.S. '55) master of science; Kenneth Gerard Strei (B.A. '54) master of arts.
SAUGAR, UNIVERSITY OF---Mahesh Kumar Rai (B.V.Sc. '54) master of science.
SEOUL NATIONAL UNIVERSITY---Kim Yong Chang (M.D. '53) doctor of philosophy; Chang Kook Cheong (D.V.M. '51) master of science; Byung Ryul Cho (D.V.M. '50) doctor of philosophy; Yong Sup Cho (B.S. '58) master of science; Dong Hak Chyung (B.S. '59) master of science in electrical engineering; Ung Ring Ko (M.D. '57) master of science; Kwang-Shik Min (B.S. '51) doctor of philosophy; Key June Seoung (M.D. '53, M.Med.Sci. '56) master of science; Kai Won Song (B.S. '48) master of science.
SIOUX FALLS COLLEGE---Dean DeWayne Krudsen (B.A. '54) master of arts.
SOUTHERN CALIFORNIA, UNIVERSITY OF---Robert Lloyd Francis (M.D. '57) master of science in medicine.
SOUTHEASTERN STATE COLLEGE---Bill Wade Kennedy (B.S. in Ed. '51) doctor of philosophy.
STANFORD UNIVERSITY---John Robert West (B.A. '52, M.D. '55) master of science in dermatology.
STOUT STATE COLLEGE---Philip William Ruehl (B.S. '41, M.S. '48) doctor of philosophy.
SYDNEY UNIVERSITY---Howard Duncan (M.D. '53) master of science in medicine.
TAIWAN PROVINCIAL CHENG-KUNG UNIVERSITY---Ching-Lan Liu (B.S. '57) master of science in civil engineering.

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- TAIWAN PROVINCIAL COLLEGE OF AGRICULTURE---Cheng Hsiung Hwang (B.S. '56) master of science; Ting Huan Hsiao (B.Agr.'57) master of science; Su-Ching Lai (B.Agric. '57) master of science.
- TEHRAN, UNIVERSITY OF---Reza Gharib (M.D. '54) master of science in pediatrics; Bahman Mehri (B.S. '57) master of arts.
- TEXAS, UNIVERSITY OF---Robert Allen Harp (M.D.'54) master of science in surgery; Donald Holm Kōbe (B.S. '56) doctor of philosophy.
- TUFTS UNIVERSITY---Robert Charles Brown (M.D.'55) master of science in medicine; Douglas Brown McGill (M.D. '55) master of science in medicine.
- UNION THEOLOGICAL SEMINARY---Gerhard Malling Cartford (M.S.M. '50) doctor of philosophy.
- UTAH, UNIVERSITY OF---Charles DuWayne Schmidt (M.D.'54) master of science in medicine.
- VALLEY CITY TEACHERS' COLLEGE---James Willis Davis (B.A. '41) doctor of philosophy.
- VALPARAISO UNIVERSITY---Karl George Petzke (B.S. '56) master of arts.
- VASSANTA COLLEGE FOR WOMEN---Indira Malani (B.A. '51) master of arts.
- WASHINGTON AND LEE UNIVERSITY---John Quinn Imholte (B.A.'52) doctor of philosophy.
- WASHINGTON, UNIVERSITY OF---Leonard Francis Burkart (B.S. in For.'49, M.F. '50) master of science; Peter Alexander Salmon (B.S.'53, M.D.'55) doctor of philosophy in surgery; Thomas Wendell Wood (B.A.'52) master of science.
- WAYNE STATE UNIVERSITY---Chester Anthony Glomski (M.S. '53) doctor of philosophy; William Schulman (B.S. '45) master of science.
- WINONA STATE COLLEGE---Armin V. Bartz (B.A.'52, B.S. '54) master of arts; Louis Henry Hoover (B.E. '36) doctor of philosophy; Kenneth David Pedersen (B.S. '57) master of arts; Eleonore Hassinger Prigge (B.E. with honor '39) master of arts; Ronald Earle Welty (B.S. '56) master of science.
- WISCONSIN STATE COLLEGE (RIVER FALLS)---Kenneth Allen Ames (B.S. '53) master of arts; Beulah Miller Dittloff (B.S. '53) master of arts; David James Graham (B.S. '51) master of arts; Duane Alan Jackman (B.S. '41) doctor of philosophy; Waldemar John Moline (B.S. '59) master of science.
- WISCONSIN STATE COLLEGE (SUPERIOR)---Alvar Ward Carlson (B.S.'59) master of arts.
- WISCONSIN, UNIVERSITY OF---Mark Brocklebank Beach (B.S. '59) master of arts; Myron Francis Grimes (B.S. '50) master of science; Gordon Cornelius Marten (B.S.'57) doctor of philosophy; Roger Lewis Menigo (B.S. '51) master of arts; Josephine Durkee Paterek (B.S. '37) doctor of philosophy.
- WOOSTER, COLLEGE OF---Margaret Louise Blumberg (B.A. '58) master of arts.
- WYOMING, UNIVERSITY OF---Fay A. Thompson (B.S. '39) master of arts.
- YALE UNIVERSITY---Amos Brooks Naffziger (B.S. '50, B.E. '53) master of business administration.

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
MINNEAPOLIS 14, MINNESOTA
FEderal 2-8158 EXT. 6700
JANUARY 3, 1962

CLINIC FOR
STUTTERERS TO
BEGIN AT 'U'

(FOR IMMEDIATE RELEASE)

People who stutter can get help with their problem at an evening clinical therapy program conducted by the speech and hearing clinic at the University of Minnesota, beginning Monday (Jan. 8).

Sessions will be held from 6:30 p. m. to 8:30 p. m. Mondays during winter quarter, in room 215 Shevlin hall. They will be conducted by staff members of the speech and hearing clinic.

Enrollment will be open through Monday, January 15. A fee of \$25 will be charged for the entire program which will consist of approximately 10 sessions. Further information may be obtained by calling the speech and hearing clinic, FE 2-8158, Ext. 6442.

-UNS-

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JANUARY 3, 1962

COLOR FILM ON
OCEANS TO BE
SHOWN AT MUSEUM

(FOR IMMEDIATE RELEASE)

A color sound film on "Oceans and Our Weather" will be presented at 3 p. m. Sunday (Jan. 7) in the Minnesota Museum of Natural History auditorium at the University of Minnesota.

The film demonstrates the many different devices which scientists use to obtain data on such ocean phenomena as currents, temperature changes and depths and illustrates the relationship between the ocean, the air and our weather which is affected by oceans and their currents.

One of a series of Sunday afternoon programs presented each week by the Minnesota Museum, the film is free and open to the public.

-UNS-

JUVENILE INSTITUTE
FOR LAW OFFICERS
SET AT 'U' JAN. 22-24

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BIDG.
MINNEAPOLIS 14, MINNESOTA
FEderal 2-8158 EXT. 6700
JANUARY 4, 1962

(FOR IMMEDIATE RELEASE)

A three-day training institute on juvenile problems for law enforcement officers will be conducted by the University of Minnesota Center for Continuation Study Jan. 22-24.

Lynn D. Swanson, police consultant with the United States Children's bureau, Washington, D.C., will be the main speaker. Swanson will discuss a forthcoming book "Police Contacts with Juveniles" which he co-authored.

The institute, designed to help law officers learn to cope with juvenile problems, will cover a variety of topics from shoplifting to camps for delinquent youth.

Judge Theodore B. Knudson of Hennepin county district court will open the institute at 9 a.m. Monday, Jan. 22, with a report on new legislation in Minnesota relating to juveniles.

"The Problem of Shoplifting" will be discussed Tuesday morning, Jan. 23, by a panel of four speakers including Glen R. Dornfeld, Dayton's protection manager; Dorothy Mae Freischel, St. Paul policewoman; Thomas Hansen, program director of Wells-Memorial Settlement house, Minneapolis; and Viola V. Battey, Ramsey county juvenile court referee. Veryl Cashman, former Hamline university instructor, will chair the panel.

Lt. Donald Sullivan of the Minneapolis crime prevention bureau will speak on patrolling and selective enforcement and Curtis Gibson, director of diagnosis and treatment in the Minnesota State division of youth conservation, will report on Minnesota's camps for delinquent youth in the Jan. 23 afternoon sessions.

John R. Ellingston, University professor of criminal law administration, will chair a final-day discussion on neglect and contributing to delinquency cases. Panelists will be Douglas Juneau, assistant Hennepin county attorney; Lester Stiles, Olmsted county welfare department executive secretary, Rochester, Minn.; Capt. Donald Berg of the Winona police department; and Robert Martin, Rice county juvenile judge, Faribault.

Cooperating with the University in presenting the institute are the Minnesota State Juvenile Officers association; Minnesota Police and Peace Officers association; Minnesota Sheriffs association; League of Minnesota Municipalities; Minnesota Chiefs of Police association; and Minnesota state division of youth conservation.

UNIVERSITY OF MINNESOTA
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JANUARY 4, 1962

NEW WALTON SYMPHONY
TO BE AIRED
ON KUOM JAN. 15

(FOR IMMEDIATE RELEASE)

The just-released first recording of Sir William Walton's Symphony No. 2 will be broadcast at 2:30 p. m. Monday (Jan. 15) on "Afternoon Concert" on KUOM, University of Minnesota radio station.

George Szell and the Cleveland Orchestra, which gave the American premiere of Walton's new symphony in 1960, are featured in the recording.

The Symphony No. 2, Walton's first work in symphonic form since 1935, has received wide acclaim, including a critique by the Edinburgh Scotsman commenting that "Sir William has written a score which genuinely gets across to the public....".

-UNS-

UNIVERSITY OF MINNESOTA
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JANUARY 5, 1962

LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF JAN. 7-14

- Sunday, Jan. 7 --- Color and sound film: "The Oceans and Our Weather",
3 p.m., Minnesota Museum of Natural History
auditorium, free.
- Monday, Jan. 8 --- Panel discussion: "Goa-A Post Mortem", sponsored
by University of Minnesota Indo-American club and
International Relations club, 12:30 p.m., Murphy
hall auditorium, free.
- Tuesday, Jan. 9 --- Lecture, "The Deep Interior of the Earth" by
Professor Robert Uffen, University of Western
Ontario, open free to the public.
- Tuesday, Jan. 9 --- Opening of Master of Fine Arts Thesis exhibit by
Roger Crowell, University of Minnesota Gallery,
third floor, Northrop Memorial auditorium, through
Jan. 29, open weekdays 8:30 a.m. to 4:30 p.m., free.
- Thursday, Jan. 11 --- Film lecture: "Miracle in Poland" by Julien Bryan,
University of Minnesota convocation, 11:30 a.m.,
Northrop Memorial auditorium, open free to the
public.
- Sunday, Jan. 14 --- Illustrated lecture: "Alpine and Arctic Wildlife"
by W. J. Breckenridge, director of Minnesota Museum
of Natural History - - - 3 p.m., Museum
auditorium, open free to the public.

UNIVERSITY OF MINNESOTA
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JANUARY 5, 1962

'U' DEAN LEAVES
FOR AFRICA ON
SCHOLARSHIP PROGRAM

(FOR IMMEDIATE RELEASE)

Minneapolis --- R. E. Summers, University of Minnesota dean of admissions and records, left Thursday (Jan. 4) to spend two and one-half weeks in Central East Africa for the African Scholarship Program of American Universities (ASPAU).

Dean Summers will be a member of one of three teams of American college and university representatives who will meet with African educational commissions in setting up scholarship procedures and will assist in interviewing prospective students for American schools.

The total group consists of eight American educators. It was scheduled to meet Friday (Jan. 5) at the African-American Institute, co-sponsors of the trip, in New York. From there the group was to leave for Athens, Greece, by plane and arrive in Nairobi, Kenya, Monday (Jan. 8) afternoon.

Dean summers, a member of the ASPAU steering committee, and two other educators will spend a week in Kenya and then visit Uganda and Ethiopia to meet with educators, interview prospective students and observe preparatory schools and new colleges in these nations.

The African Scholarship Program of American Universities, with headquarters at Harvard university, has 400 member American colleges and universities. It works with educators in African countries to improve educational opportunities and resources.

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JANUARY 5, 1962

CHINA SUBJECT
OF 'U' WINTER
LECTURE SERIES

(FOR IMMEDIATE RELEASE)

China, which has emerged as one of the most controversial nations of the 20th century, will be the subject of a University of Minnesota public lecture series this winter given by the general extension division.

"Chinese Backgrounds", a series of 10 lectures tracing the transition of China from an ancient monarchy to its emergence as a communist bureaucracy, will open Wednesday, Jan. 24.

Ticket sales for the lectures began this week and will continue through the first lecture. Only series tickets are available. Admission is \$12 for the general public and \$7.50 for students and faculty. Tickets may be purchased by writing to Lecture Series, 57 Nicholson hall, University of Minnesota, Minneapolis 14.

Ten outstanding specialists in Chinese studies from seven universities will give the lectures. Moderator for the series is Romeyn Taylor, University of Minnesota assistant professor of history.

The speakers will explore Chinese language, culture and philosophy, as well as political history.

Lectures will be as follows:

Jan. 24 --- "Origins of Chinese Culture" by Wolfram Eberhard, University of California department of sociology and social institutions.

Jan. 31 --- "Classical Confucianism" by Derk Bodde, University of Pennsylvania department of oriental studies.

Feb. 7 --- "The Development of Bureaucracy in China" by E. A. Kracke, Jr., University of Chicago department of oriental languages and civilization.

(MORE)

CHINA LECTURES

- 2 -

Feb. 14 --- "Relations with Central Asia" by S. Y. Yeng, Indiana university history department.

Feb. 21 --- "Chinese Language" by Peter Boodberg, University of California department of oriental languages.

Feb. 28 --- "The Nature of Chinese Thought" by H. G. Creel, University of Chicago department of oriental languages and civilization.

Mar. 7 --- "Chinese Buddhism" by Richard Mather, University of Minnesota department of Slavic and oriental languages.

Mar. 14 --- "Chinese Poetry" by James Hightower, Harvard university department of Far Eastern languages.

Mar. 21 --- "The Study of Mankind in Chinese Painting" by Alexander Soper, New York university Institute of Fine Arts.

Mar. 28 --- "The New View of Chinese History" by Albert Feuerwerker, director of the University of Michigan Center for Chinese Studies.

-UNS-

UNIVERSITY OF MINNESOTA
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JANUARY 8, 1962

FINE ARTS FAIR
AT 'U' WEDNESDAY

(FOR IMMEDIATE RELEASE)

Such fine arts techniques as jewel-stone cutting, flower-arranging, metal-work sculpture and pottery-throwing will be demonstrated by University of Minnesota students Wednesday (Jan. 10) at the annual Fine Arts Fair in Coffman Memorial Union main ballroom.

The event, open free to the public, will be held from 11:30 a.m. to 1:30 p.m. and is sponsored by the Union board of governors and the Arts and Crafts committee.

Students who will demonstrate the work done in the Union's various arts and crafts areas include: Gary Dugstad, lapidary; Mary Bain, flower-arranging; Barbara Peterson, papier-maché puppets; Joyce Freeman, textiles; Farideh Azad, seed mosaics; Mary Thirmell, fashion illustrations; Agustin Costa, metal-work sculpture; and Tom Stark, pottery-throwing.

-UNS-

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JANUARY 8, 1962

'U' NURSING
SCHOOL GETS
\$2,800 GRANT

(FOR IMMEDIATE RELEASE)

The University of Minnesota school of nursing is the recipient of a \$2,800 grant from the National Fund for Graduate Nursing Education (NFGNE), according to Professor Edna L. Fritz, school director.

The grant is the Minnesota school's share of the financial receipts of last year's NFGNE drive to supply financial aid to graduate-degree granting nursing schools in the country, Miss Fritz said.

The drive, conducted for the first time last year, took place mainly in industrial areas and centers on the East Coast.

Miss Fritz predicted that with substantial increases in the nation-wide capacities of the fund-raising group, industries throughout the entire country will be contacted during this year's drive.

The University school of nursing's \$2,800 share of the approximately \$100,000 collected in the 1961 drive was determined, Miss Fritz said, as its per capita share, based on graduate enrollment.

-UNS-

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JANUARY 8, 1962

'U' REGENTS
TO MEET FRIDAY

(FOR IMMEDIATE RELEASE)

The Board of Regents of the University of Minnesota will meet at
10 a. m. Friday (Jan. 12) in Room 238 Administration building, Minneapolis
campus.

-UNS-

UNIVERSITY OF MINNESOTA
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JANUARY 9, 1962

POLAND FILM
SUBJECT OF 'U'
CONVOCAATION THURSDAY

(FOR IMMEDIATE RELEASE)

The drama of Polish history as pictured during the German invasion in 1939 and how the same areas and people looked twenty years later will be shown at the University of Minnesota convocation at 11:30 a. m. Thursday (Jan. 11) in Northrop Memorial auditorium.

"Miracles in Poland", a color film photographed, presented and narrated by its producer, Julien Bryan, will be presented at the free public convocation by the University's department of concerts and lectures.

Bryan was in Warsaw on the morning of September 3, 1939, and was able to photograph the city---its families, children, crowds and hospitals---picturing the anxiety of a people fearing the immediate invasion of the enemy. Returning to Poland some 20 years later, in the fall of 1958, he was able to locate a number of the people he had filmed as children. Most of them were located with the help of the Warsaw Express which published his earlier pictures, requesting people who identified themselves or recognized people or places in the earlier pictures to meet with Bryan.

Bryan's Thursday appearance at the University convocation will mark his sixth visit to the University. His most recent convocation address was January 16, 1958, and he appeared as convocation film-lecturer in January, 1957, February, 1953, March, 1950 and in December, 1938.

UNIVERSITY OF MINNESOTA
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JANUARY 9, 1962

'U' OFFERS CREDIT
FOR TV POLITICAL
SCIENCE COURSE

(FOR IMMEDIATE RELEASE)

The University of Minnesota will offer credit for a television course on "The Structure and Functions of American Government" to be aired on NBC-TV beginning Monday, Jan. 29.

Enrollment for the three-quarter credit course may be made through the University's correspondence study department of the general extension division. Credit will be offered by the University's political science department in cooperation with the extension division.

This will be the second term the University has offered credit for the course, which is an NBC "Continental Classroom" feature. Lectures, given by Peter Odegard, University of California political science professor, will be broadcast from 6:30 a. m. to 7 a. m. Monday through Friday from Jan. 29 to May 25.

F. Floyd Hansen, director of correspondence study at the University, said credit may be earned by viewing the lectures daily, doing all required reading and passing two written examinations. Examinations will be given by the correspondence study department.

Cost of the course is \$18 plus cost of textbooks. Books will be available from the University of Minnesota Nicholson Hall Bookstore.

Registration for the course may be made by writing to Correspondence Study Department, 251 Nicholson hall, University of Minnesota, Minneapolis 14.

UNIVERSITY OF MINNESOTA
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JANUARY 10, 1962

ARCTIC WILDLIFE
FILMS TO BE SHOWN
AT 'U' SUNDAY

(FOR IMMEDIATE RELEASE)

"Alpine and Arctic Wildlife" will be the subject of a film lecture given by W. J. Breckenridge, director of the Minnesota Museum of Natural History, at 3 p. m. Sunday (Jan. 14) in the museum auditorium,

The program, open free to the public, will deal with wildlife that has become adapted to surviving under cold conditions.

Next in the series of free Sunday programs at the museum will be a report on "Indian Burial Grounds" by Elden Johnson, University anthropologist, on Jan. 21.

-UNS-

UNIVERSITY OF MINNESOTA
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MINNEAPOLIS 14, MINNESOTA
FEderal 2-8158 EXT. 6700
JANUARY 10, 1962

'U' REGENTS APPROVE NEW
PEDIATRIC REHABILITATION HOSPITAL

(FOR RELEASE 11 A. M. FRIDAY, JAN. 12)

Minneapolis --- Construction of a six-story pediatric rehabilitation hospital at the University of Minnesota was approved Friday (Jan. 12) by the University Board of Regents.

The proposed \$1,940,000 hospital, to be financed by private and federal grants, for the first time will give the University a rehabilitation facility for severely handicapped children, according to Dr. Frederic J. Kottke, head of physical medicine and rehabilitation.

The Regents Friday approved application to the federal government for a grant for the hospital under the Hill-Burton Hospital Construction Act for Chronic Hospital and Rehabilitation Patients.

Federal money will provide 45 per cent of the cost. It would be given to the University through the state board of health which has been instrumental in helping the University obtain the matching funds. No state legislative funds will be used.

The remaining 55 per cent will come primarily from the University's Eustis fund, an endowment by former Minneapolis mayor William Henry Eustis for the care of crippled children. This money will be supplemented by smaller sums from other grants given the University for rehabilitation purposes.

The new 40-bed treatment and training center for handicapped children and adults is to be located at the foot of Church street, just south of the University Health Service and west of University hospitals in a place now occupied by a temporary frame building. It will be built into a hillside and connected to the hospital complex by a covered passageway at the third floor level.

(MORE)

Pending approval of the federal grant, contracts for construction are scheduled to be let before July 1, with completion expected for fall of 1963.

Dr. Kottke said the new hospital will serve patients with muscular and skeletal problems who are in the transitional period between acute hospital care and independence at home.

"Children who are not acutely ill but who have been handicapped by hemiplegia, birth traumas, accidents or other diseases will get the necessary activity and rehabilitation they need to become as independent as possible," he explained.

Adult patients in the hospital will be mostly those suffering from the results of neurological diseases, "strokes", muscular dystrophy, accidents, arthritis or amputations. While the University Hospitals now have a 20-bed ward for such patients, Dr. Kottke said, it is not designed as conveniently or as efficiently as the new hospital will be. When the new building is completed, the present ward will be converted to other use.

Because the University has never had a rehabilitation facility for severely handicapped children, Dr. Kottke said, the medical school has not been able to carry out the training of medical students and students in the paramedical health professions in the care and management of children with severe disabilities.

One of the primary aims in building the new hospital, he said, is to have adequate facilities for training nurses, doctors, therapists, vocational counselors, social workers and other professional people in the rehabilitation field.

In addition to its own bed patients, the new hospital also will provide therapy for 30 to 40 other children in University Hospitals. Approximately 100 adults and children are now getting therapy daily in the current facilities.

It is estimated the average patient, who will be taken on referral from the family doctor as in all University Hospitals cases, will stay two to three months.

(MORE)

A 20-bed ward for children, consisting of four four-bed rooms and two two-bed rooms, and a similar floor for adults will occupy the fifth and fourth floors respectively. Each floor, 10,000 square feet in area, will have a large general activities lounge and dining room overlooking the Mississippi river as well as a serving kitchen, examining and treatment room, conference and lecture room and washrooms. Because most of the patients will be out of bed each day, the floors have been designed so that handicapped patients can use all facilities with maximal dependence, Dr. Kottke said.

A children's therapy floor, equipped for physical, occupational and speech therapy, will occupy the sixth floor. It also will include a play room and examination rooms.

The lower three floors, each 8,500 square feet in area, will be devoted to laboratories, classrooms, offices and storage. Physical and occupational therapy students will attend classes in laboratories on the third floor, where conference rooms and offices for teaching staff also will be located.

Clinical research will be centered on the second floor in laboratories for electromyography, kinesiology, circulation, muscle pathology and electron microscopy. The bottom floor will be for mechanical equipment, services, and storage. Space on the roof will be used for an outdoor play court.

Dr. Kottke, who is also director of the rehabilitation research and training center now being established at the University in conjunction with the Kenny Rehabilitation Institute under a recent \$2,500,000 supporting grant from the U.S. Public Health service, said the new hospital facilities will be used in the new research and training program.

700 EXPECTED FOR
'U' MINING SYMPOSIUM
NEXT WEEK IN DULUTH

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM. BLDG.
MINNEAPOLIS 14, MINNESOTA
FEderal 2-8158 EXT. 6700
JANUARY 11, 1962

(FOR IMMEDIATE RELEASE)

More than 700 management and engineering personnel from iron mining companies and blast furnace groups throughout the United States will attend the 23rd annual University of Minnesota mining symposium Jan. 15-17 in Duluth.

The annual meeting of the Minnesota section, American Institute of Mining, Metallurgical and Petroleum Engineers (AIME) will be held in conjunction with the symposium.

The joint sessions, originally scheduled to be held in the Norshore theater, Duluth, have been rescheduled for the Granada theater, according to Frederick M. Berger, director of the University's Center for Continuation Study and director of the symposium. The center and the University's school of mines and metallurgy sponsor the symposium.

Registrations for the sessions will be taken up to and through the opening sessions of the conferences Monday (Jan. 15) either at the conferences' headquarters, the Hotel Duluth, or at the Granada theater, Berger said.

The University's annual mining symposium, an outgrowth of a meeting of some forty men who first gathered at the center in 1939 at the initiation of Dean Julius M. Nolte, head of the University's General Extension Division, is the largest of the 164 conferences and institutes conducted by the Continuation center. More than 10,000 adults annually attend the center's regularly scheduled graduate-level classes and courses, Berger added.

University of Minnesota President O. Meredith Wilson will speak on "The Vital Ingredient" at the Minnesota Section, AIME banquet Monday evening, according to Professor Eugene P. Pfleider, head of the school of mines and metallurgy and Minnesota Section chairman.

(MORE)

"Advances in Benefication and Smelting of Iron Ores" will be the topic of seven technical papers to be delivered Monday at the AIME meetings. The luncheon address, "Iron Ore--Past and Future", will be delivered by Everett L. Joppa, general manager of Pickands Mather & Co., Duluth, operator of the Erie Taconite plant, a major producer of iron ore throughout the country.

The Tuesday and Wednesday (Jan. 16-17) symposium sessions will feature the theme "New Developments in Iron Ore". Henry H. Wade, University Mines Experiment station director, will speak on "Utilization of Oxidized Taconite by Roasting and Magnetic Concentration". Three papers will be delivered on the increased production rates in blast furnaces as a result of the use of pellets and other beneficial burdens. Other papers will cover new techniques in exploration and development of taconite in Minnesota, Michigan, Canada, Missouri and Wyoming. Mining techniques in foreign countries as well will be discussed in a paper on the development of the new Marcona iron ore properties of Peru.

10 TOP GEOLOGISTS
TO GIVE NEW LECTURE
SERIES AT 'U'

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM. BLDG.
MINNEAPOLIS 14, MINNESOTA
Federal 2-8158 EXT. 6700
JANUARY 11, 1962

(FOR IMMEDIATE RELEASE)

Ten noted geologists from the United States and England will deliver a new series of free public lectures sponsored by the University of Minnesota geology department starting Jan. 18.

The lectures are being established in honor of the late William Harvey Emmons, head of the geology department and of the Minnesota Geological Survey from 1911 to 1944. They are made possible by alumni contributions to the department's Emmons Fund and through the cooperation of the United States Geological Survey and the National Science Foundation.

One of the purposes of the lectures will be to provide an opportunity for professional geologists in the Twin Cities area to hear specialists in their field.

A Chinese-born geologist, E-an Zen of the U.S. Geological Survey, Washington, D.C., will open the series Thursday, Jan. 18, with a lecture on "Some Pitfalls in the Phase-Equilibrium Study of Rocks". He will speak at 7:30 p.m. in Murphy hall auditorium.

Other lectures will be as follows:

- Jan. 25 -- R. J. Ross, Jr., U.S. Geological Survey, Denver, Colo.,
"Paleogeography of Ordovician Black Shale Facies in Western North America".
- Feb. 8 -- Professor John Hower of Montana State university, "Influence of Diagenesis on the Layered Silicates".
- Feb. 15 -- Richard G. Bader of the National Science Foundation, Washington, D.C., "An Outlook Toward Research in Modern Sedimentology".
- March 8 -- Professors Peter Signer and Paul Gast of the University of Minnesota, "Isotopic Studies on Meteorites".
- March 29-- Sidney Clark of the Carnegie Institution of Washington, "Physical and Chemical Limitations on Temperatures in the Earth's Crust and Outer Mantle".
- May 3 -- Professor Stuart Agrell of the University of Cambridge, England, "Application of the X-ray Micro-Analyser to Petrology".
- May 10 -- Arthur H. Lachenbruch, U.S. Geologist, Menlo Park, Calif., "Mechanical Aspects of Contraction-Crack Polygons in Geology".
- May 17 -- James Gilluly of the U. S. Geological Survey, Denver, Colo., "The Roberts Mountain Thrust".
- May 24 -- Prpessor J. V. Smith of the University of Chicago, "Integration of Geological and Physico-Chemical Evidence to Evaluate the Phase Diagram for Feldspars".

250 NURSES TO
ATTEND 'U' INSTITUTE
ON CARDIAC CARE

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM. BLDG.
MINNEAPOLIS 14, MINNESOTA
Federal 2-8158 EXT . 6700
JANUARY 11, 1962

(FOR IMMEDIATE RELEASE)

Some 250 nurses from Minnesota and surrounding states are expected to attend a University of Minnesota training institute on cardio-vascular nursing Thursday and Friday, Jan. 18 and 19 in Mayo Memorial auditorium.

The institute, conducted by the Center for Continuation Study and the school of nursing will be co-sponsored for the first time by the Minnesota Heart association through the Hennepin and Ramsey county councils and the association's professional education committee.

Highlights of the institute will include a progress report on open heart surgery by Dr. Richard L. Varco, University of Minnesota surgery professor and one of the pioneers of this type of surgery. He will speak at 10:15 a. m. Thursday.

Visiting lecturer will be Mrs. Lydia Hall, director of the Loeb Center Project at Montifiori hospital in New York, N. Y. Mrs. Hall will speak on "The Nurses' Therapeutic Use of Self in Working with the Cardiac Patient" at 1:30 p. m. Thursday and will conclude the institute at 3:30 p. m. Friday with an analyzation of "What Does Quality Nursing Care Mean to You?".

The institute, which will review fundamentals as well as recent advances in the care of cardiac patients, is open to registered nurses in cardiac fields.

Fee for registration is \$3. Registration may be made in advance or the morning the institute opens at 8 a. m. Thursday, Jan. 18, in Mayo auditorium.

UNIVERSITY OF MINNESOTA
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MINNEAPOLIS 14, MINNESOTA
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JANUARY 12, 1962

LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF JAN. 14-21

- Sunday, Jan. 14 --- "Alpine and Arctic Wildlife", a film lecture by W. J. Breckenridge, Minnesota Museum of Natural History director, 3 p. m., Museum Auditorium, free.
- Monday, Jan. 15 --- Master of Fine Arts Thesis exhibition by Roger Crowell, University Gallery, third floor, Northrop Memorial auditorium, through Jan. 29. Open weekdays during school hours, free.
- Wednesday, Jan. 17 --- Kaffee Konzert, Sewell String Quartet, 11:30 and 12:30 noon hours, main ballroom, Coffman Memorial Union, free.
- Thursday, Jan. 18 --- Convocation: Travel in Ghana, Italy, Spain and the U.S.S.R., presented by Minnesota SPAN members, 11:30 a. m., Northrop auditorium, free.
- Thursday, Jan. 18 --- Lecture, University geology department: "Some Pitfalls in the Phase-Equilibrium Study of Rocks", E-an Zen, U.S. Geological Survey, Washington, D. C., 7:30 p.m., Murphy hall auditorium, free.
- Sunday, Jan. 21 --- "Indian Burial Grounds" , a report by Eldon Johnson, University anthropologist, 3 p.m., Minnesota Museum of Natural History auditorium, free.

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
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JANUARY 12, 1962

MINN. MEDICAL GROUP
OFFERS NEW RESEARCH PLAN

(FOR IMMEDIATE RELEASE)

Establishment of a new Minnesota Medical Foundation permanent medical research program at the University of Minnesota medical school was announced today by Dr. Arnold Lazarow, foundation president and University anatomy department head. The foundation is an organization of Minnesota citizens and doctors providing private support for the University medical school.

Starting February 1, 1962, the foundation will offer grants for research conducted by faculty and students of the medical school in the basic areas of heart disease and cancer research.

The program is principally endowed by a legacy of \$200,000 received by the foundation in 1961, donated by the late Arvid Olson, New Town, N. D. From this fund, the foundation will make available up to \$10,000 annually under this new program.

"The major objective of the new program is to provide local aid for young scientists who have promising research ideas and projects meriting support," Dr. Lazarow stated. "Instructors, residents, interns, research assistants and medical students are eligible to apply, as well as established faculty researchers who have special needs for local funds. Three awards of \$1,200 each will be set aside from the annual total for medical students".

Dr. Paul D. Boyer, professor of psychological chemistry at the University, was named chairman of the foundation's committee on research grants which will evaluate requests for funds from this grant.

The foundation awarded \$4,784 in grants to four faculty medical school members during 1961. It also distributed \$26,250 in scholarship awards to 50 medical students and loaned 90 students a total of \$10,740 in short-term interest-free loans during the year.

UNIVERSITY OF MINNESOTA
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JANUARY 12, 1962

VICE ADM. SMEDBERG
TO ADDRESS 'U'
WORKSHOP JAN. 19

(FOR IMMEDIATE RELEASE)

Vice Admiral William R. Smedberg, III, chief of U. S. Naval personnel and deputy chief of Naval operations, will address some 150 Minnesota secondary school principals Friday (Jan. 19) at a University of Minnesota workshop.

His topic will be "Military Preparedness". He will speak at 1 p. m. during the final workshop session in the Calhoun Beach hotel.

"Current Issues in Secondary Education" will be the theme of the annual winter workshop Thursday and Friday (Jan. 18 and 19). In addition to the nation's military status, the sessions will deal with programmed learning, newer audio-visual media, physical fitness and health and civil defense.

The workshop will open at 8:30 a. m. Thursday with registration in the ballroom of the Calhoun Beach hotel.

Alton L. Raygor, University associate professor and coordinator of reading and study skills center, will discuss "Implications of Programmed Learning" in the first session at 9:15 a. m. Neville P. Pearson, associate professor of education, will follow with a demonstration-lecture on audio-visual aids.

William E. Noonan, Jr., U. S. office of education specialist, Washington, D. C., will speak on "Physical Fitness and Health", a program being stressed by President Kennedy, at 9 a. m. Friday. Richard Manning of the Minnesota state civil defense office will speak at 9:45 a. m.

(MORE)

VICE ADM. SMEDBERG

- 2 -

A destroyer commander during World War II and one-time aide to former Secretary of the Navy James Forrestal, Admiral Smedberg has had a long career of active and administrative duty in the Navy. He headed a combat intelligence division late in World War II and commanded the battleship Iowa during the Korea War. In 1956 he was appointed superintendent of the U. S. Naval academy. Subsequently he served as commander of the Cruiser-Destroyer force in the Pacific fleet and commander of the United States second fleet and striking fleet in the Atlantic. He assumed his present duties in Feb., 1960.

In addition to several medals and decorations from the American government and the Navy for his war service, Admiral Smedberg has been awarded the Order of the British Empire and the Naval Order of Merit from Spain.

The workshop will be conducted by the University's Center for Continuation Study and college of education in cooperation with the Minnesota Association of Secondary School Principals and the Minnesota state committee of North Central Association of Secondary Schools and Colleges.

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JANUARY 15, 1962

AUTHOR OF JUVENILE
DELINQUENCY BOOK
TO SPEAK AT 'U'

(FOR IMMEDIATE RELEASE)

Lynn D. Swanson, co-author of a new book on juvenile delinquency and former Minneapolis police officer, will address a University of Minnesota training institute Monday (Jan. 22) for law enforcement officers.

Swanson, police consultant with the United States Children's bureau, Washington, D. C., will discuss his book "Police Contacts with Juveniles" which is to be published soon by the bureau. He will speak at 10:45 a. m. in the Center for Continuation Study.

A graduate of the University of Minnesota, Swanson joined the delinquency service division of the Children's bureau in 1957 after six years as consultant on juvenile control for the Minnesota Youth Conservation commission. Previously he served five years on the Minneapolis police force.

He received a bachelor of arts degree in sociology and a master of arts degree in sociology and public administration from the University of Minnesota.

Swanson will be main speaker at the three-day training institute, Monday, Tuesday and Wednesday (Jan. 22-24), which is designed to help law enforcement officers learn to cope with juvenile problems.

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'U' LIBRARIAN NAMED
TO NATIONAL OFFICE

(FOR IMMEDIATE RELEASE)

John Parker, curator of the James Ford Bell Collection of the University of Minnesota library, has been named permanent secretary of the Society for the History of Discoveries.

This appointment, Parker said, now gives the Bell Collection a central point in the society, which includes scholars from the entire world.

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JANUARY 15, 1962

'U' TO CONDUCT
GUIDANCE INSTITUTE
DURING 1962-63

(FOR IMMEDIATE RELEASE)

Minneapolis --- The second annual National Defense Counseling and Guidance Institute for secondary school teachers and counselors will be conducted by the University of Minnesota in the 1962-63 school year, according to Willis E. Dugan, University education professor and institute director.

The University will be one of 21 institutions throughout the country to conduct one of the institutes for the full 1962-63 academic year. This is an increase of nine over last year's program.

students
Thirty qualified graduate/will be accepted for the classes which will run for the full academic year, Sept. 17, 1962 to June 15, 1963, Professor Dugan said.

Teachers who wish to prepare to enter counseling in high schools or beginning counselors who wish to qualify for certification as counselors are eligible to apply. Persons who enroll for the prerequisite courses prior to the institute may be considered as eligible applicants. Forty-five graduate course credits may be earned at the institute.

The expanded program will be financed by a federal grant to the University of \$98,374, allocated by the United States Office of Education under the National Defense Education Act (NDEA) of 1958. Another \$135,000 has been allocated for grants to participants. Under the provisions of the act, stipends of \$75 per week for public secondary school enrollees, plus \$15 per week for each dependent will be paid. Private secondary school participants may be enrolled without tuition charge, but are not eligible for stipend payments. Materials, except textbooks, are provided, and each student must pay his own travel expenses and living costs while in attendance.

(MORE)

Teachers and counselors who enroll in the institute must be eligible for admission to the University's graduate school and must have at least nine but not more than 18 quarter credits on professional guidance or related graduate work.

The NDEA counseling and guidance program is aimed at providing guidance and counseling training for top quality teachers and improving qualifications of present counselors, Professor Dugan said.

Curriculum objectives will be to improve counseling knowledge and skill in (a) identifying students with outstanding talents and abilities, (b) assisting academically able students in educational and vocational planning, (c) motivating students toward academic achievements consistent with their abilities, and (d) encouraging students to consider occupational goals which will utilize their full potentials.

Teachers, counselors and school administrators desiring further information and application blanks may obtain them by writing to Professor Willis E. Dugan, 139 Burton hall, University of Minnesota, Minneapolis 14, Minnesota.

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JANUARY 15, 1962

WILLEYS TO GIVE
PROGRAM AT
U ALUMNAE MEET

(FOR IMMEDIATE RELEASE)

Minnesota Alumnae club members will hold their January meeting at 12:30 p. m. Saturday (Jan. 20) in the junior ballroom of Coffman Memorial union.

The program, "Here Comes the Bride---In New Guinea", will be presented by University of Minnesota vice president Malcolm M. Willey and Mrs. Willey (Judge Betty Washburn) who spent part of their 1961 vacation in Australian New Guinea.

Luncheon reservations may be made by calling Miss Gertrude Drohan, Wa. 2-0058.

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JANUARY 16, 1962

FOREIGN TRAVEL,
SPAN MEMBERS
'U' CONVO TOPIC

(FOR IMMEDIATE RELEASE)

Travel in Ghana, Italy, Spain and Russia will be discussed by four university and college students, members of the Minnesota Student Project for Amity Among Nations (SPAN) at the University of Minnesota convocation at 11:30 a.m. Thursday (Jan. 18) in Northrop Memorial auditorium.

Presenting pictorial slide and brief resumes of their trips will be Eloise Doney, Wood Lake, an education senior at the University, who spent last summer in Ghana; Robert M. Roy, 80 Orme Court, St. Paul, a College of St. Thomas senior who will show some of his bullfight pictures from Madrid; Lucy Vallera, 2215 10th ave. S., Minneapolis, University arts college senior, who interviewed Italian Communist party members in Southern Italy; and Donald Chenworth, Springfield, Mo., who traveled in the U.S.S.R.

Introducing the SPAN speakers will be Professor Mitchell V. Charnley of the University school of journalism and administrative head of the Minnesota SPAN program, who accompanied the SPAN group to Italy.

The free public convocation is sponsored by the University department of concerts and lectures.

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GOVT. CAREERS
FESTIVAL TO BE
AT 'U' NEXT WEEK

(FOR IMMEDIATE RELEASE)

Some thirty displays from state and federal government agencies throughout the country will go on view to both University of Minnesota students and the general public when the second annual Government Careers Festival opens at 11:30 a.m. Monday (Jan. 22) in the University's Coffman Union main ballroom.

The festival, open till 5 p.m. Monday; from 9 a.m. to 9 p.m., Tuesday, and from 9 to 4 Wednesday, will pack up and move to the St. Paul campus Student Center Thursday, Jan. 25 where it will be open from 9 to 5, and will close Friday, Jan. 26 at 2 p. m.

Jointly sponsored by the U. S. Civil Service Commission, 9th Region, the Public Administration Center of the University, and the union board of governors, the exhibit is designed to present visual material showing the wide variety of available positions in governmental work.

Among federal agencies taking part in the exhibit will be the Food and Drug Administration who will present some choice items -- a metal hat "guaranteed to cure cancer", a vibrating seat-cushion for the lazy reducer, and a very ornamental but utterly useless earring-hearing aid -- from its "morgue"; the United States Air Force will feature "Space Adventure -- A Simulated Trip to the Moon" in its booth; and the Internal Revenue Service, while it won't guarantee to fill out your income tax for you, will at least show you a movie of what may happen to you if you don't!

In addition to the working exhibits dealing with fundamental occupational categories, counselors will be present to advise interested parties on specific background training in many of the fields. Guidance counselors from the Minnesota Civil Service Commission also will be present to advise visitors interested in governmental opportunities on the state level.

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NOTE TO EDITORS: Cameramen and reporters will be welcome at the final assembling of the exhibit from 8 a.m. until its opening at 11:30 a.m. Monday, Jan. 22.

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PREHISTORIC FINDS
TO BE REPORTED
BY 'U' ANTHROPOLOGIST

(FOR IMMEDIATE RELEASE)

Recent investigations of evidence of prehistoric man in the Minnesota region will be reported by Professor Elden Johnson of the University of Minnesota anthropology department in a free public lecture at 3 p. m. Sunday (Jan. 21) in the Minnesota Museum of Natural History.

"Indian Burial Mounds in Minnesota" will be the topic of Professor Johnson's talk. His lecture will be illustrated with slides and archeological relics.

Professor Johnson has spent several summers studying archeological sites in northwestern Minnesota and North Dakota.

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'U' DADS TO HEAR
PANEL OF AMERICANS

(FOR IMMEDIATE RELEASE)

Dads' association of the University of Minnesota will hear the Panel of Americans at its January dinner meeting at 6 p.m. Tuesday (Jan. 23) in 307 Coffman Memorial Union.

The Panel of Americans is a group of University students representing the three major American religions---Catholic, Jewish and Protestant---American Negroes and new Americans. Their program will be a discussion of religious and racial topics. E. G. Williamson, University dean of students, will introduce the panel.

New officers of the Dads' association also will be elected for the coming year.

Dinner reservations may be made by writing or calling the Dads' Association, 200 Eddy Hall, University of Minnesota, Minneapolis 14. Cost of tickets is \$2 per person.

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U OF M STUDENTS
TOTAL 28,839
WINTER QUARTER

(FOR IMMEDIATE RELEASE)

Winter quarter attendance at the University of Minnesota totals 28,839 which is 2,381 more than the 26,458 attendance in the winter quarter a year ago, True E. Pettengill, University recorder, reported Tuesday (Jan. 16). The fall quarter total was 30,846 -- 2,569 more than the 1960 fall figure. The increase both quarters was 9 per cent over the corresponding quarter of the preceding year.

Included in the current student total are 19,790 men and 9,049 women. A year ago, there were 18,708 men and 7,750 women in the University classes.

Attendance by colleges and divisions of the University for winter quarter of 1962 and 1961 was reported as follows:

	<u>1961</u>	<u>1962</u>		<u>1961</u>	<u>1962</u>
General College	2277	2786	Nursing	266	259
University College	33	33	Public Health	172	172
Science, Literature and the Arts	7424	8966	Dentistry	345	355
Institute of Technology	3004	2859	Dental Hygiene	81	76
Agriculture, Forestry, and Home Economics	1761	1772	Pharmacy	164	173
Law	266	298	Education	2396	2297
Medical School	473	459	Business Administration	605	568
Medical Technology	79	75	Graduate School	4161	4371
Physical and Occupational Therapy	73	72	Veterinary Medicine	160	162
			Duluth	2492	2663
			Morris	<u>226</u>	<u>423</u>
			TOTAL ATTENDANCE	26,458	28,839

CENSORSHIP TO BE
TOPIC OF 'U'
CONVOCATION

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JANUARY 18, 1962

(FOR IMMEDIATE RELEASE)

The director of the University of Minnesota library school will talk to students and the public on "Censorship and Decision Making" at a convocation at 11:30 a. m. Thursday (Jan. 25) in Northrop Memorial auditorium.

David K. Berninghausen, who came to the University in 1953 to head the library school, has written many articles and served on a number of committees promoting and protecting the rights of free speech and education. He is currently serving as vice president of the Minnesota Branch of the American Civil Liberties Union, and is also a member of the board of directors of American Religious Town Meeting of the Air and of the board of trustees of Citizens Organization for Responsible Government in Minneapolis and Hennepin county.

Berninghausen received a bachelor of arts degree from Iowa State Teachers college, Cedar Falls, a bachelor of library science degree from Columbia university library school, New York City, and a master of arts degree from Drake university, Des Moines, Iowa. He also did graduate work at the University of North Carolina, Chapel Hill, and was an education fellow at Harvard university, Cambridge, Mass.

Before coming to the University, Berninghausen was director of libraries at Birmingham-Southern college, Birmingham, Ala., and librarian and teacher of social philosophy at the Cooper Union for the Advancement of Art and Science, New York City.

Berninghausen has served as president of the Minnesota Library association, and the Association of American Library Schools and is president for 1961-62 of the University of Minnesota chapter of American Association of University Professors.

The convocation, free and open to the public, is sponsored by the department of concerts and lectures.

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EARTH QUAKE
EXPERT TO SPEAK
AT 'U' JAN. 24

(FOR IMMEDIATE RELEASE)

A world authority on the mechanism of earthquakes will speak on that subject at 7:30 p. m. Wednesday (Jan. 24) in Murphy hall auditorium at the University of Minnesota.

John Hodgson, chief of the seismological division of the Dominion observatory, Ottawa, Canada, and Canada's leading seismologist, will deliver the sixth in a distinguished lecture series in geophysics at the University.

As director of a far-flung network of seismological stations extending from the United States border to the islands of the Canadian arctic, Hodgson has become a world authority on the mechanism of earthquakes and its implications in other fields, particularly the formation of mountain ranges.

His interests include the structure of the crust and interior of the earth and the investigation of Canadian meteorite craters.

Hodgson received the doctor of philosophy degree from the University of Toronto, and has served in his present position for the past 10 years.

In 1961, he served as a member of a seismological mission to South America under the auspices of the United Nations Educational, Scientific and Cultural organization (UNESCO), and is also a member of the UNESCO-International Union of Geodesy and Geophysics committee on the future development of international seismology.

The lecture, sponsored by the school of mines and metallurgy, the department of mechanical engineering and the department of concerts and lectures, is free and open to the public.

U.S. FOREIGN POLICY
BRIEFING SET FEB. 2-3
FOR AREA LEADERS

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JANUARY 18, 1962

(FOR RELEASE SUNDAY, JAN. 21 OR THEREAFTER)

Minneapolis --- Some 600 Minnesota area newsmen and civic leaders are expected to attend a U. S. state department foreign policy briefing conference Friday and Saturday (Feb. 2 and 3) co-sponsored by the University of Minnesota and Minnesota World Affairs Center.

The conference will be held in the St. Paul hotel, St. Paul.

Chester Bowles, special representative and adviser to President Kennedy on African, Asian and Latin American Affairs, will head a roster of six government speakers. He will speak on the record at a 12:15 p. m. luncheon Friday. Other speakers will speak for background only at sessions Friday and roundtable discussions Saturday morning.

Civic leaders, newspaper editors and publishers and television and radio broadcasters from Minnesota, Wisconsin, North and South Dakota have been invited to the briefing. Attendance is by invitation only.

Other speakers will be: Carl T. Rowan, deputy assistant secretary of state for public affairs and former Minneapolis Tribune writer; Paul H. Nitze, assistant secretary of defense for international security affairs; Edwin M. Martin, assistant secretary of state for economic affairs; Donald M. Wilson, deputy director of the United States Information Agency; and J. Wayne Fredericks, deputy assistant secretary of state for African affairs.

President O. Meredith Wilson of the University of Minnesota will welcome conference participants Friday morning. William C. Rogers, director of the Minnesota World Affairs center, will be general chairman of the conference, first of its kind held outside of Washington, D. C.

Registration will begin at 8:15 a. m. Friday (Feb. 2) in the lobby of the St. Paul hotel. Only conference fee is \$4 for the luncheon.

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JANUARY 18, 1962

'U' RECEIVES
EQUIPMENT FOR
HEART RESEARCH

(FOR IMMEDIATE RELEASE)

A recording oscillograph and other scientific equipment worth \$5,300 was received today (Jan. 18) by the University of Minnesota medical school as a gift from Consolidated Electrodynamics corporation of Pasadena, Calif.

The equipment will be used by Dr. Marvin Bacaner, associate professor of physiology, to record body activities and responses in several areas of heart and circulation research. The oscillograph is an extremely sensitive electronic device, Dr. Bacaner said, which allows 18 simultaneous measurements of body activities from many different regions of the body.

Dr. Bacaner's research will include studies of heart muscle contractions and detection of the arterial dilution of intravenously injected radio isotopes in the body.

Dr. Bacaner, who was instrumental in acquiring the gift for the medical school, came to the University in August 1961 from the University of California at Berkeley, where he was associate research physician at Donner laboratory and lecturer in pathology and medicine in the school of optometry.

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COLD CAN MAKE 'U'
TRAFFIC JAM BOIL

(FOR IMMEDIATE RELEASE)

Basketball fans lucky enough to have tickets to the University of Minnesota-Ohio State game scheduled at 8 p. m. Saturday in Williams Arena are urged "to come early and stay late", according to Captain William A. House, University police traffic director.

"Our augmented traffic force will be out at 6:30 p.m.," Captain House said, "and the early birds will get the choice (close) spots. We are keeping the Washington Avenue Ramp and the Continuation Center garage open, in addition to all of the University's parking lots everywhere on campus, and the fans' time of arrival will determine how far they have to walk to get to the game.

"In this bitterly cold weather, if the fans will aim for an early arrival, and then plan a slight delay after the game, till the first rush has cleared out, it will make our job and their transportation problem a lot easier," House concluded.

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LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF JAN. 21-28

- Sunday, Jan. 21 --- "Indian Burial Mounds in Minnesota", lecture by Dr. Elden Johnson, assistant professor of anthropology, 3 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.
- Monday, Jan. 22 --- Government Careers Festival, 11:30 a.m.-5 p.m., Coffman Memorial Union main ballroom. Free, open to public.
- Master of Fine Arts Thesis exhibition by Roger Crowell, University gallery, third floor, Northrop Memorial auditorium. Open weekdays during school hours, through Jan. 29. Free.
- Tuesday, Jan. 23 --- Dad's association dinner meeting. Panel of Americans discussing religious and racial topics. 6 p.m., 307 Coffman Memorial union. Reservations, \$2.00 per person.
- Government Careers Festival, 9 a.m. to 9 p.m., Coffman Memorial Union main ballroom. Free, open to public.
- Wednesday, Jan. 24 --- "The Mechanism of Earthquakes", distinguished geophysics lecture by John Hodgson, chief of the seismological division of the Dominion observatory, Ottawa, Canada. 7:30 p.m., Murphy hall auditorium. Free, open to public.
- "Stages of Cognitive Development", second annual John E. Anderson lecture, by Dr. Barbel Inhelder, professor of child psychology, University of Geneva. 8 p.m., 125 Mayo Memorial. Free.
- Opening, "Chinese Backgrounds" winter lecture series. Topic: "Origins of Chinese Culture", Wolfram Eberhard, department of sociology and social institutions, University of California. 8 p.m., Minnesota Museum of Natural History auditorium. Admission by series ticket only.
- Government Careers Festival, 9 a.m. to 4 p.m., Coffman Memorial Union main ballroom. Free, open to public.

(MORE)

LECTURES AND PUBLIC PROGRAMS

- 2 -

- Thursday, Jan. 25 --- "Censorship and Decision Making", convocation lecture by David K. Berninghausen, director of the University library school. 11:30 a.m., Northrop Memorial auditorium. Free, open to public.
- Slide lecture by Bernard Rudofsky, noted architect, engineer, industrial designer and currently guest director of exhibitions at Museum of Modern Art, New York City. 3:30 p.m. Murphy hall auditorium. Free, open to public.
- "Paleogeography of Ordovician Black Shale Facies in Western North America", lecture by R. J. Ross, Jr., U. S. Geological Survey, Denver, Colo. 7:30 p.m., Murphy hall auditorium. Free.
- Rep. Walter H. Judd, Republican congressman from Minnesota, speaking on current position of the United States in world affairs, 12:30 p.m., Coffman Memorial Union main ballroom. Free.
- University theater opening: Moliere's "The School for Wives", 8 p.m., Scott hall auditorium. Tickets at door.
- Friday, Jan. 26 --- Slide lecture by Bernard Rudofsky, 3:30 p.m., Murphy hall auditorium. Free, open to public.
- University theater: Moliere's "The School for Wives", 8 p.m., Scott hall auditorium. Tickets at door.
- Saturday, Jan. 27 --- University theater: "The School for Wives", two performances, 7 p.m. and 10 p.m., Scott hall auditorium. Tickets at door.
- Sunday, Jan. 28 --- "Thread of Life", color sound film on genetics, 3 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.

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JANUARY 19, 1962

PROF. HERMANN
TO LEAVE 'U' FOR
ALABAMA POST

(FOR RELEASE 7 P.M. SATURDAY, JAN. 20, 1962)

Minneapolis --- Rudolf Hermann, University of Minnesota professor in the department of aeronautics and engineering mechanics and director of hypersonics research, has submitted his resignation from the University effective August 31, 1962, according to Frank Verbrugge, acting dean of the institute of technology.

Professor Hermann has accepted appointment as director of the newly formed research institute of the University of Alabama, which is to be located near the Marshall Space Flight Center at Huntsville, Ala.

Professor Hermann, former German scientist who did the aerodynamic design of the V-2 rocket, joined the University of Minnesota staff in December, 1950. He has directed the hypersonic laboratory since that time. The laboratory has been developed under his guidance into one of the most modern facilities of its kind in the country, according to Dean Verbrugge.

"I regret to leave such a facility," Professor Hermann said in submitting his resignation, "and the many close associations which I have developed at the University of Minnesota---both with the faculty and the students---and the many cultural opportunities in the Twin Cities area. However, the challenge of developing a new research laboratory in the space sciences was too great to turn down. It will provide an opportunity to offer graduate study to many engineers and scientists at the Marshall Space Flight Center and at the Army Ordnance Missile Command and to work in close association with one of the largest groups of space scientists and engineers in the country."

(MORE)

PROFESSOR HERMANN

- 2 -

The German-born scientist came to the United States in 1945 after World War II. Before coming to Minnesota, he served as a technical consultant at Wright-Patterson Air Force Base, Dayton, Ohio. In Germany, he was head of the supersonic windtunnel division at Aachen Institute of Technology, director of the supersonic windtunnel laboratory at the Peenemuende Army Rocket Experimental station, lecturer at the Aachen and Berlin Institutes of Technology and director of the Institute for Supersonic Aerodynamics and Ballistics, Inc., at Bavaria. He received the doctor of philosophy degree from Leipzig university.

Dean Verbrugge, in announcing Professor Hermann's resignation, said, "We very much regret losing Rudolf Hermann---as a research scientist, as a member of our teaching staff and as a personal friend. We recognize the enlarged opportunities which are available to him in this new position. We accept his resignation with regret and we wish him well in his new position.

"Efforts already are underway to find a successor to Professor Hermann as director of the hypersonic laboratory. We confidently expect that the work of the laboratory can be continued without interruption and at the level of research activity which it has achieved under Dr. Hermann's direction."

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JANUARY 19, 1962

REP. JUDD TO TALK
AT 'U' THURSDAY

(FOR IMMEDIATE RELEASE)

Rep. Walter H. Judd, Republican congressman from Minnesota, will speak at 12:30 p. m. Thursday (Jan. 25) in Coffman Memorial Union main ballroom at the University of Minnesota. The program will be open free to the public.

The talk will be sponsored by the University Republican association.

Congressman Judd, a long-standing member of the House foreign affairs committee, will speak on the current position of the United States in world affairs.

A former medical missionary to China, Dr. Judd has been Minnesota's fifth district representative in Congress since 1942. Under the new redistricting law, the district includes the University of Minnesota campus.

Rep. Judd was a delegate to the United Nations general assembly in 1957 and to the World Health Organization in 1950 and 1958. A poll of congressmen conducted last year by Redbook magazine found him to be "the most admired colleague in the House of Representatives" and "among the 10 congressmen named most powerful".

-UNS-

NEW YORK ARCHITECT
TO GIVE 2 PUBLIC
LECTURES AT 'U'

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JANUARY 22, 1962

(FOR IMMEDIATE RELEASE)

Bernard Rudofsky, New York industrial designer and architect, will give two free slide lectures at 3:30 p.m. Thursday (Jan. 25) and Friday (Jan. 26) in Murphy hall auditorium at the University of Minnesota.

Rudofsky recently returned from two years in Japan as a Fulbright research scholar. He currently is a guest director of exhibitions at the Museum of Modern Art.

Born in Vienna, Rudofsky received degrees in engineering and architecture from the Polytechnic academy in Vienna. He has been in independent design practice since 1932 and lived in Italy, Germany, Brazil, France and Belgium before coming to New York in 1941 at the invitation of the Museum of Modern Art.

Rudofsky was editor of "Domus", architectural magazine, Milan, Italy, and editorial director of "Interiors". In 1944-45, he was director of apparel research for the Museum and arranged the controversial exhibit, "Are Clothes Modern?". Two years later he wrote a book under the same title. He also is author of "Behind the Picture Window", exploring American homes and habits.

In 1941, Rudofsky was Brazilian winner of the Inter-American design competition and also served as chief architect, American exhibits, International and Universal Exhibition, Brussels, Belgium, in 1958. Rudofsky has also been a lecturer and visiting critic at Yale university, New Haven, Conn., and Massachusetts Institute of Technology, Cambridge, Mass.

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'POPULAR TASTE'
TO BE DISCUSSED
BY 'U' PROFESSORS

(FOR IMMEDIATE RELEASE)

Four University of Minnesota professors will examine "The Popular Taste" in an hour-long discussion program at 9 p. m. Wednesday (Jan. 24) on KTCA-TV, Channel 2.

The discussants will be Allen Downs, art professor and film maker; Norman J. DeWitt, professor and chairman of classics; Roy G. Francis, sociology professor; and William A. Mindak, associate professor of journalism and advertising specialist.

They will appear on the University program "Folio". Sheldon Goldstein, assistant director of the University department of radio and television broadcasting, will moderate the discussion.

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SWISS CHILD
PSYCHOLOGIST
TO TALK AT 'U'

(FOR IMMEDIATE RELEASE)

A child psychologist from Geneva, Switzerland, will deliver the second annual John E. Anderson lecture at 8 p.m. Wednesday in 125 Mayo Memorial at the University of Minnesota.

Bärbel Inhelder, professor of child psychology at the University of Geneva, will speak on "Stages of Cognitive Development".

The Anderson lectureship, sponsored by the University's institute of child development and the department of concerts and lectures, was established last year in honor of the professor and former director of the institute who retired from the faculty June 30, 1961. The lecture is free and open to the public.

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'U' PROFESSOR HEADS
PLANNING FOR NATIONAL
COLLEGE RESEARCH FORUM

(FOR IMMEDIATE RELEASE)

John E. Stecklein, director of the University of Minnesota bureau of institutional research, is serving as chairman of the planning committee for the National Invitation Forum on Institutional Research to be held in Chicago March 3 and 4.

The Forum is planned to make it possible for people responsible for the study of college and university problems throughout the United States to meet and discuss methods of institutional research.

Immediately following the National Forum, Stecklein will serve as an analyst for a session of the Association for Higher Education's 17th annual conference. His subject will be "Institutional Research: Current Status and Future Requirements".

Stecklein also has recently been invited to represent institutional research officers on the Committee on Data and Definitions established by the American Association of Collegiate Registrars and Admissions Officers.

-UNS-

'U' RECEIVES
RARE MAP FOR
BELL COLLECTION

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JANUARY 22, 1962

(FOR RELEASE 11 a.m. WEDNESDAY, JAN. 24, 1962)

An early chart of the South Atlantic region, believed to have been drawn about 1520, has been given to the James Ford Bell collection at the University of Minnesota by H. P. Kraus, New York City, one of the world's leading antiquarian booksellers.

The chart, showing Portuguese possessions in western Africa and Brazil, is a type known as a portolan and was commonly used by navigators of the fifteenth and early sixteenth centuries. The undated chart fits descriptions of the Portuguese Atlantic empire of that time and has been assigned the 1520 date by Armando Cortesao, a leading authority on early Portuguese maps.

Originally, Portuguese sailors landed on the coast of Brazil as they swung out wide into the Atlantic to find favorable winds to take them to the Cape of Good Hope. From their first discovery of the Brazilian mainland in 1500, Portuguese explorers, and later Spanish explorers as well, probed southward, seeking an end to the continent so that a route might be opened to the East Indies. It is likely that the chart was made at about the time that Magellan found the passage.

The coast of Africa is shown in great detail on the chart from a point just south of present day Morocco to the Cape of Good Hope, an area that became well known to the Portuguese as they searched for a water route to India for nearly a century. Because that waterway was not found until about two decades before this chart was made, it is considered a document of great significance in the expansion of European commerce and influence to both the East and the West.

The gift was made, Kraus said, in memory of "the long and extremely pleasant relationship that existed between Mr. Bell and myself". The chart, at one time, was in the possession of Baron Dartmouth, a 17th century nobleman, and was sold with other items from his library at auction in 1948.

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JANUARY 23, 1962

COLOR FILM ON
GENETICS SET FOR
'U' MUSEUM PROGRAM

(FOR IMMEDIATE RELEASE)

The study of genetics, one of the youngest of all sciences, is the subject of a color sound film to be shown at 3 p. m. Sunday (Jan. 28) in the Minnesota Museum of Natural History auditorium at the University of Minnesota.

"Thread of Life", a film originally presented on color television by the Bell Telephone company, traces the history of genetics from the monumental work of Gregor Mendel to the knowledge that scientists possess today.

It includes pictorial information on the process of fertilization, the work of Mendel, functions of chromosomes and genes, formation of egg and sperm cells in the process of meiosis and other aspects of genetics. The hour-long film is narrated by Dr. Frank Baxter.

The film, one of a series of Sunday afternoon Museum programs, is free and open to the public.

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JANUARY 23, 1962

FACT SHEET ON "TOPPING OFF" CEREMONY, SCHOOL OF BUSINESS ADMINISTRATION TOWER,
WEST BANK, UNIVERSITY OF MINNESOTA

DATE: Thursday, Jan. 25, 1962

TIME: 11:15 a. m.

LOCATION: 21st Ave. S. and Third street, Minneapolis

"Topping Off" ceremony for School of Business Administration faculty tower under construction as part of University of Minnesota's new west bank development. The ceremony will mark the erection of the last piece of structural steel for the building at the top-most point on the building. As part of the ceremony, a Norway pine tree, Minnesota's official state tree, will be attached to the top-most piece and hoisted with it to the top of the building. The tree was grown at the University's Rosemount Research center.

DATA ON THE BUILDING: 13-story faculty office building with office and conference space for 400 faculty and staff members. Total cost \$2,124,000, financed by a 1959 Legislative appropriation. It is one of three buildings now under construction out of a total \$6,579,000 appropriation. The other buildings are a four-story walkup classroom building and a faculty office tower for humanities and social sciences teaching staffs.

855 tons of steel have gone into the erection of the School of Business Administration tower. Expected date of completion of the building is Jan. 1, 1963.

WHO WILL BE PRESENT FOR CEREMONY: Representatives of the general contractors, the architects and the firm which erected the structural steel; union representatives; and University administrative officials, representatives of the school of business administration and alumni of the school.

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LANGUAGE INSTITUTE
APPLICATIONS DEADLINE
IS MARCH 1 AT 'U'

(FOR IMMEDIATE RELEASE)

Applications for the University of Minnesota's Summer Language institute for elementary school teachers of German and Spanish must be mailed by March 1, Professor Gerhard H. Weiss, institute director, announced.

Sixty teachers will be chosen to participate in the eight-week institute which is supported by the National Defense Education Act (NDEA) and designed to increase teachers' familiarity with the language and with advances in teaching methods and materials. A similar institute was held last year.

The institute, to be held from June 18 to August 11, will include lecture courses on language and culture, conversational practice with native speakers, linguistics, language laboratory methods, practical exercises in writing and taping classroom materials as well as evening programs of films and special activities.

Each participant will receive a stipend of \$75 per week, plus \$15 a week for each dependent. Tuition and fees will be free, but participants will pay room and board in the university dormitory assigned to the institute.

Candidates must have graduated from a four-year college, must have had one year of college work or its equivalent in the language for which they are applying and must be a teacher or supervisor of Spanish or German in 1962-63.

Additional information and application forms may be obtained by writing to Professor Weiss at 216 Folwell Hall, University of Minnesota, Minneapolis 14, Minn.

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3 TURKISH COLOR
FILMS TO BE
SHOWN AT 'U'

(FOR IMMEDIATE RELEASE)

Three color films from the University of Istanbul (Turkey) Cultural Film series will be shown free at 8:30 p.m. Monday (Jan. 29) in the Minnesota Museum of Natural History auditorium at the University of Minnesota.

The films, all with English commentary, are:

"Roman Mosaics in Anatolia", showing the link between the everyday life of the peasant in the present and the past in Anatolia, the part of Asian Turkey which is equivalent to the peninsula of Asia Minor.

"Colors in the Dark", depicting early Christian rock-cut churches in Cappadocia, an ancient district in Asia Minor. This film received a citation at the Film Festival in Bergamo, Italy, in 1959, and was also shown at the Berlin Film Festival the same year.

"Book of Festivities", a film on miniatures in an illustrated manuscript of the sixteenth century, depicting a royal celebration in Istanbul. The sound track features sixteenth century Turkish music.

The films are being presented by the Minnesota Society of the Archaeological Institute of America and the University department of concerts and lectures.

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U. S. GEOLOGIST
TO GIVE 'U'
LECTURE THURSDAY

(FOR IMMEDIATE RELEASE)

Reuben J. Ross, Jr., geologist at the United States Geological Survey in Denver, Colo., will deliver the second William Harvey Emmons Lecture for 1962 Thursday (Jan. 25) at the University of Minnesota.

Ross, who will discuss the nature and significance of sediments and fossils deposited half a billion years ago when the great land area emerged in North America, will speak at 7:30 p. m. in Murphy hall auditorium. Title of his lecture will be "Paleogeography of Ordovician Black Shale Facies in Western North America".

Before joining the United States Geological Survey in 1952, Ross taught at Wesleyan university in Middletown, Conn.

-UNS-

CIVIC ORCHESTRA
TO GIVE FREE CONCERT
AT 'U' FEB. 4

UNIVERSITY OF MINNESOTA
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JANUARY 26, 1962

(FOR IMMEDIATE RELEASE)

The Civic Orchestra of Minneapolis, conducted by Thomas Nee, will give a free public concert at 4 p.m. Sunday, Feb. 4, in Northrop Memorial auditorium at the University of Minnesota. Appearing with the orchestra will be the Joan Skinner Dance Company.

The University's department of concerts and lectures and the Classics committee of Coffman Memorial Union Board of Governors will co-sponsor the concert.

First three numbers on the program will be played by the 90-piece orchestra alone: Overture to Rienzi by Wagner; Symphony No. 31 in D Major (K.297) "The Paris" by Mozart; and Hymnus (Homage to Anton Bruckner) by Gerhard Track, conductor of St. John's university Men's Chorus and Symphony Orchestra.

The Joan Skinner Dance company, accompanied by the orchestra, will perform for the second half of the program. Numbers they will dance to are Overture to Suite No. 4 by Bach, Eleven Transparencies by Krenek and a Waltz arranged by Yale Marshall, Minneapolis composer, for a comic satire by Miss Skinner. To match the grandiose style of the dance, the piece is an expansion of a Dohnanyi concert piano arrangement of the Strauss Fledermaus Waltz.

The three dances to be done by the dance group were first performed at the 1961 New Hampshire Music Festival.

Members of the dance company, besides Miss Skinner, are Sage Cowles, Denny Lyon, Mary Nee, Norman Brown and Matthew Zatts. Angus Clarke, James Cherry, Derwood Morsching and Catherine Harrison will join them for the "Waltz".

Miss Skinner began her dance studies in Minneapolis at the age of five and has toured subsequently with Martha Graham, Merce Cunningham, Pearl Lang and the John Butler company. Currently, she is guest lecturer at the University of Illinois and choreographer for theater and opera productions.

DEAN VERBRUGGE
HEADS PHYSICS
TEACHERS GROUP

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JANUARY 26, 1962

(FOR RELEASE 10:45 A.M. SATURDAY, JAN. 27)

Professor Frank Verbrugge, acting dean of the University of Minnesota institute of technology, Saturday (Jan. 27) assumed the presidency of the American Association of Physics Teachers at the conclusion of the association's annual business meeting in the Statler Hilton Hotel, New York.

Dean Verbrugge, who also is professor of physics at Minnesota, succeeds Malcolm Correll, director of general education and physics professor at the University of Colorado. The American Association of Physics Teachers (A.A.P.T.) is a society of college and high school teachers of physics devoted to advancing education and research. It is a member society of the American Institute of Physics.

Names president-elect of A.A.P.T., and scheduled to take office one year from now, is Vincent E. Parker, head of the department of physics and astronomy at Louisiana State university in Baton Rouge.

Dean Verbrugge has been associate dean of the institute of technology since July, 1959, and has been acting dean since July, 1961. He has been on the Minnesota faculty since 1956.

Born in Chandler, Minn., he received a bachelor of arts degree from Calvin College and a master of arts and the doctor of philosophy degrees from the University of Missouri. In 1943 he joined the faculty of Carleton College in Northfield, Minn., and, during World War II, became a staff member of the Radiation Laboratory at Massachusetts Institute of Technology.

He returned to Carleton in 1946 as chairman of the physics department and in 1949 was named chairman of the division of natural sciences and mathematics.

He has long been identified with efforts to improve physics teaching and served on the advisory panel for Summer Institute Programs of the National Science Foundation. He is a member of the Commission on College Physics, Sigma Xi, Minnesota Academy of Science, and the American Physical Society.

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LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF JAN. 28 - FEB. 4

- Sunday, Jan. 28 --- "Thread of Life", a color sound film on genetics, 3 p.m., Minnesota Museum of Natural History auditorium. Free.
- Monday, Jan. 29 --- Opening: Faculty Exhibition, University of Minnesota art Dept., and preview of the Jolm Rood Sculpture collection. Reception, 2:30 p.m.-4:30 p.m., University Gallery, third floor, Northrop Memorial Auditorium. Free. Gallery open daily during school hours.
- Three color films from University of Istanbul, Turney: "Roman Mosaics in Anatolia", "Colors in the Dark" and "Book of Festivities". 8:30 p.m., Minnesota Museum of Natural History. Free, open to public.
- Tuesday, Jan. 30 --- University theater: Moliere's "School for Wives", 3:30 p.m., matinee. Scott Hall auditorium. Tickets at door.
- Wednesday, Jan. 31 --- Kaffee Konzert featuring Sewell String Quartet playing 19th century quartets. 11:30^{a.m.} and 12:30 p.m., Coffman Memorial Union main ballroom. Free, open to public.
- "Chinese Backgrounds" winter lecture series. Topic: "Classical Confucianism", Berk Bodde, University of Pennsylvania. 8 p. m. Minnesota Museum of Natural History Aud. Admission by series ticket only (still available).
- Thursday, Feb. 1 --- United States Naval Training Center Band concert, 11:30 a.m. convocation, Northrop Memorial auditorium. Free.
- University theater: Moliere's "School for Wives", 8 p.m., Scott hall auditorium. Tickets at door.
- Friday, Feb. 2 --- University theater: Moliere's "School for Wives", 8 p.m. Scott hall auditorium. Tickets at door.
- Saturday, Feb. 3 --- University theater: Moliere's "School for Wives", 7 p.m. and 10 p.m., Scott hall auditorium. Tickets at door.
- Sunday, Feb. 4 --- "New Zealand's Wildlife", report by William Marshall, University of Minnesota zoologist, 3 p.m., Minnesota Museum of Natural history auditorium. Free, open to public.
- Civic Orchestra of Minneapolis concert and Joan Skinner Dance company, 4 p.m., Northrop Memorial auditorium. Free, open to public.
- University theater: Moliere's "School for Wives", 3:30 p.m. Scott hall auditorium. Tickets at door.

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JANUARY 26, 1962

U.S. NAVY TRAINING
CENTER BAND
TO APPEAR AT 'U'

(FOR IMMEDIATE RELEASE)

The United States Naval Training Center Band, Great Lakes, Ill., will give a free concert at an 11:30 a.m. convocation Thursday (Feb. 1) in Northrop Memorial auditorium at the University of Minnesota.

The 40-member band, led by Chief Warrant Officer F. W. Brumbaugh, USN, serves the states of the Ninth Naval district and is the largest official Navy band in the midwest.

The concert will contain classical and semi-classical works as well as popular and novelty tunes and jazz and vocal numbers. The band changes into a glee club, a large dance band and jazz combos and presents several soloists and comedy routines in its hour program.

Composed of Navy musicians who have been trained at the Naval School of Music, Washington, D. C., the band traveled over 25,000 miles last year to play before half a million people. The group is heard frequently on radio and television, performs in concerts during the winter season and appears as a marching unit in about 50 parades and celebrations during the summer months.

Brumbaugh has been director of the band since May, 1959. He has had extensive training at the Naval School of Music, and has served there as instructor, rehearsal conductor, audition supervisor, musician school headmaster and head of the academic training department. In the Navy since 1938, Brumbaugh has served aboard the USS Texas and was director of a band aboard the USS Iowa.

The concert is sponsored by the University department of concerts and lectures.

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U OF M DADS
PICK 1962 OFFICERS

(FOR IMMEDIATE RELEASE)

Leonard F. Ramberg, 4215 22nd ave., S., Minneapolis, has been elected president for 1962 of the University of Minnesota Dads' association.

Other officers for the coming year include Robert Staebing, 3945 Joppa ave., St. Louis Park, and Art Gruber, 5316 Girard ave., S., Minneapolis, vice presidents; Frank Kozlak, 349 13th ave., N. E., Minneapolis, secretary; Charles W. Robertson, 5100 W. 40th st., St. Louis Park, treasurer; and Martin Snoke, University assistant dean of students, 2128 Goodrich ave., St. Paul, executive secretary.

-UNS-

'U' PH.D. GRADUATE
WINS AWARD
FOR THESIS

UNIVERSITY OF MINNESOTA
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JANUARY 26, 1962

(FOR IMMEDIATE RELEASE)

A doctoral dissertation by a University of Minnesota graduate, Richard S. Hatch, Santa Barbara, Calif., is one of five winners of Ford Foundation awards for 1961. Hatch received the doctor of philosophy degree from the University in March, 1961.

Hatch's thesis, "An Evaluation of a Forced-Choice Differential Accuracy Approach to the Measurement of Supervisory Empathy", will be published by Prentice-Hall, Inc., during the current academic year, according to Henry H. Villard, foundation director. It will be sent to libraries and universities throughout the country.

Hatch, currently employed by the teaching machines manufacturing firm of U.S. Industries, Santa Barbara, did his doctoral work at the University under the direction of Associate Professor Marvin D. Dunnette of the psychology department. Much of the material for the thesis, Professor Dunnette said, was obtained through local interviews with salesmen and sales managers from Minnesota Mining and Manufacturing Company, St. Paul. Hatch interviewed them to learn how accurately the managers were able to predict the attitudes of the salesmen.

He found out that the longer the sales managers knew the salesmen, the greater the empathy between them---that is, the imaginative projecting of one person's consciousness into another being in order to predict the other person's attitudes.

Hatch's most important contribution, Dunnette said, was proving that empathic accuracy could be measured. Hatch also drew some conclusions, he said, about empathy, which, though obvious, had never before been established scientifically.

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JANUARY 29, 1962

IRISH DRAMA
CRITIC TO TALK
AT 'U' FEB. 7

(FOR IMMEDIATE RELEASE)

"The Irish Theater, 1962" will be surveyed by Alec Reid, drama critic for The Irish Times, Dublin, Ireland, in a free lecture at 3:30 p.m. Wednesday, Feb. 7, in Murphy hall auditorium at the University of Minnesota.

Reid, who is also assistant to the professor of English, Trinity college, Dublin, is personally acquainted with such prominent persons in the contemporary Irish theater as Samuel Beckett, Brendan Behan, Michael MacLiammoir and Hilton Edwards. He also has been a drama critic and feature writer for The Irish Tatler and Sketch. He has lectured in Portugal and Egypt and at Cambridge university. He was educated in England and Ireland and served as secretary of the Oxford Union in 1942.

The lecture is sponsored by the University departments of speech and theater arts, English and concerts and lectures.

-UNS-

MATERNAL NURSING
INSTITUTE SET
AT 'U' FEB. 15, 16

UNIVERSITY OF MINNESOTA
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JANUARY 29, 1962

(FOR IMMEDIATE RELEASE)

Current problems and programs in maternity and newborn nursing will be studied at an Institute on Maternal and Child Health Nursing Feb. 15 and 16 at the University of Minnesota Center for Continuation Study.

The Institute is designed for hospital nursery and maternity nurses.

Among the guest faculty will be Jane Donahue, Buffalo, N. Y., a registered nurse and practicing attorney, who will speak on "The Legal Aspects of Maternity and Newborn Nursing". Fred E. Berger, director of the continuation center, said this will be one of the most important topics on the program.

"As hospital problems become more involved and complex," he explained, "the nurse in the nursery and maternity departments need a better understanding of the legal implications which affect her as well as the hospital."

Other general sessions in the two-day program will include a report on a 10-year study of Minnesota maternal mortality by Dr. Alex Barno, University clinical assistant professor of obstetrics and gynecology, and a talk on "Prevention and Control of Hospital Infections in Maternity-Newborn Departments" by Dr. Dean S. Fleming, director of the division of disease prevention and control of the Minnesota Department of Health.

Mrs. Kimi Hara, nursing consultant in the state health department, is chairman of the planning committee for the institute, sponsored jointly by the Center for Continuation Study at the University and the section of maternal and child health of the Minnesota Department of Health.

A display of the latest nursery and maternity department equipment will be part of the institute.

Nurses interested in attending the institute may write for a complete program and application to Director, Center for Continuation Study, University of Minnesota, Minneapolis 14.

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THEATER BUSINESS
EXTENSION COURSE
TO BE GIVEN BY 'U'

(FOR IMMEDIATE RELEASE)

A new course in theater business management will be offered by the general extension division of the University of Minnesota during the spring quarter.

The course, to be taught by Merle W. Loppnow, business manager of the University Theater, is designed for those interested in the planning and handling of theater publicity, advertising, box office and management in the college and community theater.

Guest lecturers, who will discuss special problems in the various areas of theater promotion and management, will be invited to take part in some of the lectures, Loppnow said.

Monday evening classes from 6:20 p.m. until 8 p.m. will start Feb. 19. Registration, through the University general extension division, must be completed by Feb. 7. Further information may be obtained by calling the extension division, Fe. 8-8791, or writing the University of Minnesota, General Extension Division, Room 57 Nicholson Hall, Minneapolis 14.

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UNIQUE BIRDS
TOPIC OF MUSEUM
PROGRAM AT 'U'

(FOR IMMEDIATE RELEASE)

Unique birds in New Zealand and some of their spectacular habitats will be described by William Marshall, University of Minnesota entomologist, at the weekly 3 p. m. program Sunday in the Minnesota Museum of Natural History auditorium at the University.

Marshall, a professor of entomology and economic zoology, saw and studied these birds last year while in New Zealand as a Fulbright research fellow. He will also report on a year's research on one of New Zealand's many wildlife problems stemming from the introduction of foreign animals into the country. The investigation involved determining whether or not weasels, stoats and ferrets, which are not native to New Zealand, have adversely affected the native birds.

The program is free and open to the public.

-UNS-

'U' RECEIVES
4 GRANTS FOR
EPILEPSY RESEARCH

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BIDG.
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JANUARY 29, 1962

(FOR IMMEDIATE RELEASE)

Four grants of \$1,000 each have been awarded to the University of Minnesota by the Epilepsy Foundation of Washington, D. C., for four separate research projects on epilepsy.

The studies will be carried out by five researchers in the neurology department, which is under the direction of Dr. A. B. Baker. They are Drs. R. M. Harner, Gilbert S. Ross, Kenneth F. Swaiman, Fernando Torres and Lowell Baker.

Drs. Harner and Ross will try to fill in some gaps in current medical knowledge of certain responses in the electroencephalography (EEG) examinations (graphic recordings of the electric activity of the brain used in diagnosis of brain disease). These studies are aimed at more accurate diagnosis of neurological diseases.

A second project under the direction of Drs. Harner and Ross will be to develop a technique to enable physicians to determine the value of anti-convulsant therapy more quickly "and with predetermined statistical certainty".

In a third study to be made under the foundation grants, Drs. Ross, Torres and Baker will try to determine the meaning of "suppression bursts" which appear in the EEG's of both normal and abnormal babies.

The fourth project, to be conducted by Dr. Swaiman, will seek to determine whether the use of a Vitamin B6 analogue in the treatment of children with leukemia increases the possibility of convulsive seizures.

PHILOSOPHER TO OPEN
NEW KUOM SERIES
ON 'THE INDIVIDUAL'

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
MINNEAPOLIS 14, MINNESOTA
FEderal 2-8158 EXT. 6700
JANUARY 30, 1962

(FOR IMMEDIATE RELEASE)

"The Development of the Individual" will be the subject of a recorded lecture series to be broadcast over University of Minnesota radio station KUOM at 1:30 p. m. Fridays beginning Feb. 2. Opening speaker will be Harold Taylor, author, philosophy professor and former president of Sarah Lawrence college. He will speak on "A Philosophy for Modern Man".

Future participants and their topics are as follows: Joseph Campbell, Sarah Lawrence college literature professor, "Symbolism and the Individual", Feb. 9; Ernest Nagel, Columbia university philosophy professor, "Religion, Atheism or Agnosticism for Modern Man", Feb. 16; John Diebold, management consultant and author, "The Individual versus Automation", Feb. 23; Ashley Montagu, anthropologist at the New School for Social Research, "The Right to Privacy", March 2; John Ciardi, poetry editor of The Saturday Review, "The Poet As An Individualist", March 9; Marc Slonim, author and critic, "The Individual in Literature", March 16; Daniel E. Schneider, psychoanalyst, "The Artist As An Individual", March 23; Victor Gruen, architect, "Lost in the Motor Age: City Planning for the Individual", March 30.

This lecture series originated at the Cooper Union Forum in New York city and is distributed by the National Association of Educational Broadcasters. It will be presented on KUOM as part of the regular Monday through Friday program feature, "Public Affairs Forum".

UNIVERSITY OF MINNESOTA
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MINNEAPOLIS 14, MINNESOTA
FEderal 2-8158 EXT. 6700
JANUARY 30, 1962

REGISTRATION FOR
'U' EVENING
CLASSES OPEN

(FOR IMMEDIATE RELEASE)

Registration will be open through Wednesday (Feb. 7) for University of Minnesota spring term evening classes which begin Feb. 13.

Registration offices at 57 Nicholson hall on the Minneapolis campus, 690 Northwestern Bank building, Minneapolis, and 555 Wabasha street, St. Paul are open from 12:30 p.m. to 4:30 p.m. and 5:30 p.m. to 8:00 p. m. weekdays. Saturday hours are 9 a.m. to 1 p.m.

Over 400 courses will be offered in liberal arts, business administration, engineering and technical sciences, recreation, education, and many other fields. Most of the evening courses carry credit which may be used toward a University degree.

Two local public officials will serve on the faculty in a series of courses in public administration. Robert P. Janes, member of the Minneapolis City council, will teach Municipal Law and Administration. John Jackson, Minnesota commissioner of administration, will teach public Personnel Administration. Other courses will include Problems of Public Administration, taught by George Warp, political science professor and director of the public administration center at the University, and Administrative Analysis, by Daniel Magraw, assistant professor in general extension.

SATURDAY DEADLINE
FOR COLLEGE
TESTING REGISTRATION

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(FOR IMMEDIATE RELEASE)

Minnesota high school seniors have until Saturday (Feb. 3) to register for the American College Testing (ACT) program, according to Ralph F. Berdie, Minnesota ACT director, and director of the University of Minnesota student counseling bureau.

The examination, to be administered Saturday, Feb. 24, is required or recommended for admission to more than 650 private and public colleges and universities, including 27 in Minnesota.

High school seniors seeking admission to any of the ACT-affiliated colleges or universities should register for the tests before the Feb. 3 deadline, he advised. ACT registration forms and instructions may be obtained from high school offices.

The colleges and universities participating in the program use results not only for admissions but also for guidance of in-coming students, in the award of scholarship aid to applicants, and for placement of freshmen in classes or programs suited to their ability, Berdie said.

The three-hour test has four parts that yield five scores---a composite score indicating overall college potential, and four separate scores indicating levels of general capability in English, mathematics, social studies and the natural sciences.

Results and manuals explaining how scores should be interpreted are furnished colleges indicated by the student and are sent to the student's high school for his and the school's use in guidance.

In Minnesota, the High School-College Relations committee serves as the advisory committee for the ACT program. This group is a joint committee of the Association of Minnesota Colleges and the Minnesota Association of Secondary School Principals. Arthur Hoblit, principal of the Bloomington high school, is the chairman of the committee.

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TEACHING TEACHERS
TO BE PANEL TOPIC

(FOR IMMEDIATE RELEASE)

Paul C. Rosenbloom, professor of mathematics in the University of Minnesota institute of technology, will appear as panelist on the Minneapolis Citizens Committee of Public Education (COPE) program Thursday, Feb. 8

Other panelists will be: Arthur J. Lewis, assistant superintendent of Minneapolis public schools, and George F. Budd, St. Cloud State college president.

"The Teaching of Teachers" will be the topic of the general membership dinner and meeting to be held at the clubhouse of the Minneapolis branch, American Association of University Women, 2115 Stevens ave., at 6 p. m. Dinner reservations must be made with Miss Elsa Hartfell, 4837 10th ave. S., Minneapolis, by Tuesday noon, Feb. 6.

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TOP GERMAN JURIST
TO SPEAK AT
'U' FEB. 12

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JANUARY 30, 1962

(FOR IMMEDIATE RELEASE)

Erich Schalscha, West German jurist who had a major part in the apprehension and trials of Nazi war criminals, will speak on "Germany Continues to Clean House" in a free public lecture Monday, Feb. 12, at the University of Minnesota.

Schalscha, who retired in May as judge of the German Supreme Federal Court of Justice in Karlsruhe, will speak at 8:30 p.m. in Northrop Memorial auditorium.

The lecture will be co-sponsored by the Hennepin County Bar association, the Ramsey County Bar association, the William Mitchell College of Law in St. Paul, and the University of Minnesota law school and department of concerts and lectures.

Schalscha's lecture at the University will be one of several he will make in the United States under auspices of the new West German Republic's Information Center in New York City. He is the first speaker brought to this country by the center, which opened last fall.

A refugee of Nazi Germany from 1936 until after World War II, Schalscha was one of the pioneers in drafting new legislation for post-war Germany already while in exile in England. During his stay in England, Schalscha suggested to the British Foreign Office the formation of a committee of German jurists living in England. This committee prepared the first legislation for Germany promulgated by Gen. Dwight D. Eisenhower after the defeat of the Nazi regime.

When he returned to Germany in 1948, Schalscha entered the service of the Department of Justice. From 1949 to 1951, he was a judge of the Frankfurt Court of Appeals. In 1951, he became chairman of the Criminal Chamber in Wiesbaden, from where he was called to the Supreme Federal Court of Justice in Feb., 1951. He retired in May, 1961, after more than eight years in the criminal division of the court. It was during these years he was involved in apprehension and trial of war criminals. On his retirement, he was decorated with the Great Order of Merit of the Federal Republic. Schalscha also had served many years as legal adviser to the United States Court of Appeals in Frankfurt.

Schalscha studied law at the Universities of Breslau and Munich and received the doctor of law degree in 1915 from Breslau.

In addition to the public lecture, Schalscha's visit to the Twin Cities will include a meeting with members of the Minnesota State Supreme court, a luncheon address before the Hennepin County Bar association and talks before students at the William Mitchell College of Law and the University law school. Judge and Mrs. Schalscha will leave the Twin Cities Thursday, Feb. 15, for Salt Lake City, Utah.

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FEBRUARY 1, 1962

FREE 'T' BIRD
TO FEATURE
'U' SCOUTS' PARTY

(FOR IMMEDIATE RELEASE)

Twin Cities and suburban area Explorer Scouts and friends of scouting will be guests at the annual Explorers' ball Saturday, Feb. 10, at the University of Minnesota.

The ball, sponsored by the Gamma Psi chapter of Alpha Phi Omega, national service fraternity, will be held from 8:30 to 11:30 p. m. in Coffman Memorial Union main ballroom on the Minneapolis campus. Music will be furnished by Harry Strobel's orchestra. Jim O'Neill, KDWB radio announcer, will be master of ceremonies.

A twist contest, dance contests, skits and a grand march will highlight the evening's entertainment and records, door-prizes---sporting goods and a 1962 T-bird---will be awarded during the evening.

Tickets, at \$2 per couple, may be purchased at the Boy Scouts of America Minneapolis office, 314 Clifton avenue, at the St. Paul office, 266 Summit, at Dayton's downtown and Southdale scout departments and at the door.

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'U' EXPANDS COURSES,
RESEARCH IN RADIATION
HEALTH AND SAFETY

(FOR IMMEDIATE RELEASE)

Instruction and research in radiological sciences and their effect on health and safety are being expanded and intensified in the University of Minnesota school of public health as a result of the increasing use of radioactive materials in everyday life.

Dr. Harry Foreman, associate professor of public health, has been appointed to direct the new program. Dr. Foreman, who came to the University in January from the Los Alamos, N. Mex. Scientific Laboratory where he was a member of the biomedical research group on radiation effects, said this development represents a "trend of the times".

"The world is becoming increasingly radioactive," Dr. Foreman explained, "because radioactive materials are so useful; but these materials have their hazards. Only through a broadened course of instruction and research will it be possible to increase the number of persons trained in the control of these hazards so that man can look forward to exploiting safely the potential benefits of nuclear energy."

Many more professionally trained people are needed, Dr. Foreman said, for the continuing surveillance and control of hazards from such radiation-producing devices as x-ray machines, atomic power reactors, accelerators and radioactive isotopes.

"The way these things are multiplying in scientific, medical and industrial use," Dr. Foreman pointed out, "we need the services of people who are responsible for seeing that correct precautions are being taken."

(MORE)

The courses to be offered will be designed chiefly to train graduate students in aspects of radiological sciences as they affect the health and safety of living things. This will involve close cooperation with other University departments concerned with this problem.

Until Dr. Foreman was brought to the University, under a grant from the United States Public Health Service, the University has had no senior faculty member in radiation hazard control and has offered only one basic course in this field. It is expected the additional course work will be available in the next academic year.

Civil defense against radiation fall-out is not the purpose of these courses, Dr. Foreman emphasized, but he will be available to work with civil defense groups. He is scheduled to address such a group in the near future.

Dr. Foreman, a native of Winnipeg, received his bachelor of science degree from Antioch college, Yellow Springs, Ohio, and a master of science and doctor of philosophy degrees from Ohio State university. He earned a doctor of medicine degree from the University of California medical school in 1947. Since 1951, he has been doing research on radiation effects at the Los Alamos Scientific Laboratory which is a part of the University of California.

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'U' WEEK FEB. 11-17
PAYS HOMAGE TO
LAND-GRANT ACT

(FOR IMMEDIATE RELEASE)

Minneapolis --- The University of Minnesota will pay homage to the Land-Grant Centennial as it celebrates its 111th birthday during 1962 University Week, Feb. 11-17.

The Land-Grant Act of 1862, signed by President Abraham Lincoln, set aside public lands for each of the states for the creation of state-supported institutions of higher learning open to the general population.

From the sale of the 120,000 acres received by Minnesota, a perpetual endowment fund was set up which still provides more than a million dollars in interest annually toward the University's support.

In connection with University of Minnesota Week, displays depicting the University's teaching, research and public service activities in terms of the Land-Grant philosophy will be on exhibit in 38 Minneapolis and St. Paul business firms and in several out-state communities.

Among the largest exhibits will be a school of architecture display at Southdale Court featuring a model of a satellite city and other models of city planning designed by students. Sculpture, etchings and drawings by art students will be on display at a local utility company. A downtown department store will feature a display on the University's Centennial Showboat. Army, Navy and Air Force ROTC (Reserve Officers Training Corps) exhibits will show the growth of these departments in the University as part of the Land-Grant Act commitment to "teach the military sciences". The Navy exhibit will be at Apache Plaza along with a marine and boat show.

(MORE)

The Land-Grant Act, in addition to its philosophy of "education for the general population", provided that schools benefiting from terms of the Act should "teach such branches of learning as are related to agriculture and the mechanic arts", and other scientific and classical studies as well as military tactics. Today Land-Grant colleges and universities award nearly 40 per cent of all the doctoral degrees in the country.

The lands set aside in Minnesota for sale under the Act were located in Pope, Stearns, Meeker, Wright, Renville, McLeod, Sibley, Nicollet, Brown, Watonwan, Blue Earth, Waseca, Steele, Dodge, Faribault, Freeborn and Mower counties. Total sale price was \$579,430. These moneys were invested, with the annual interest from the investments appropriated to the University.

Some 50 University faculty members and administrative officials will give talks before Twin Cities organizations and University Alumni association clubs in 20 communities throughout the state during January, February and March as part of the University Week observance.

Jointly sponsored by the Junior Chamber of Commerce and the University of Minnesota Alumni association, University of Minnesota Week marks the anniversary of the signing of the University's Charter by the Legislative Assembly of the Territory of Minnesota in February, 1851.

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5 *U* Scientists
RECEIVE SLOAN
RESEARCH AWARDS

(FOR RELEASE SUNDAY, FEB. 4)

Five University of Minnesota scientists are among 83 young university scientists in the United States and Canada to be honored by two-year unrestricted research grants from the Alfred P. Sloan Foundation, New York. A sixth University faculty member also received a continuation of a grant awarded him in last year's program.

The grants, totalling more than \$1.3 million, represent the largest amount committed to date for the foundation's basic research program which supports "people rather than projects".

In its announcement today (Feb. 4) the foundation said the 1962 grants are for fundamental research in chemistry, mathematics, physics and such interdisciplinary fields as geochemistry and astrophysics.

The Sloan Research Fellows, all of whom hold regular faculty positions in the 36 institutions of higher learning affected by the grant, will pursue pure research in fields of their own choice under the grants, effective next September.

University recipients and their fields of interest are:

Avner Friedman, associate professor of mathematics in the institute of technology, 2430 11th ave. S., Minneapolis, now on leave from the University and working on partial differential equations at Stanford university, Palo Alto, Calif.

Maurice M. Kreevoy, associate professor of organic chemistry, 124 Bedford, S. E., Minneapolis, on sabbatical leave from the University who will spend the '62-'63 academic year working on theoretical organic chemistry at Oxford

(MORE)

university, England. Professor Kreevoy's Sloan Foundation grant, he said, will support student activity in this field here at the University.

Edward Leete, associate professor of organic chemistry, 110 Bedford, S. E., Minneapolis, who will study how various natural products (alkaloids, such as nicotine, morphine and strychnine) are produced in plants. Professor Leete, who will do the work on the University campus, will use radioactive tracers in his work.

Charles A. McCarthy, assistant professor of mathematics, 106 Arthur, S. E., Minneapolis, who will study applications of spectral theory here at the University.

Albert J. Moscowitz, assistant professor of physical chemistry, Campus Club, Coffman Memorial Union. Professor Moscowitz, now on leave of absence from the University and working in Copenhagen, Denmark, will use his Sloan grant to further his work on the electronic structure of complex molecules, especially as interpreted from ultra violet absorption, spectroscopy and optical activity data.

Irving J. Lowe, assistant professor of physics, 399 Otis, St. Paul, will use this year's award to continue his work, begun last year on a Sloan grant, on the study of solids, using nuclear magnetic resonance technique.

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LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF FEB. 4 - FEB. 11

- Sunday, Feb. 4 --- "New Zealand Wildlife", illustrated lecture by William Marshall, University of Minnesota zoologist, 3 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.
- Civic Orchestra of Minneapolis concert and Joan Skinner Dance company, 4 p.m., Northrop Memorial auditorium. Free.
- Art Department Faculty Exhibition, University gallery, fourth floor, and John Rood sculpture collection, 307 Northrop Memorial auditorium, 2-5 p.m. Free, open to public
- Final performance, University theater, Moliere's "School for Wives", 3:30 p.m. Scott hall auditorium. Tickets at door.
- Monday, Feb. 5 --- Frederick Brancel, Methodist missionary, speaking on "A Report from Angola", 3:30 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.
- Walter Heller, chairman of the National Council of Economic Advisers, Washington, D. C. speaking on "An Economist's Experience in Washington", 4 p.m., Room 2, Mechanical Engineering building. Free, open to public.
- Art Department Faculty Exhibition, University gallery fourth floor, and John Rood sculpture collection, 307 Northrop Memorial auditorium. Open weekdays during school hours. Free.
- Tuesday, Feb. 6 --- Heinrich Fleischer, University organist, music hour, 11:30 a.m., Northrop Memorial auditorium. Free.
- Opening, Master of Fine Arts thesis exhibit by Robert Michener, gallery 315, University gallery, Northrop Memorial auditorium. Coffee hour, 2:30 p.m.-4 p.m. Free.
- Wednesday, Feb. 7 --- "The Irish Theater, 1962", lecture by Alec Reid, drama critic for The Irish Times, Dublin, Ireland. 3:30 p.m., Murphy hall auditorium. Free, open to public.
- Chinese Backgrounds lecture series, "The Development of Bureaucracy in China", 8 p.m., Minnesota Museum of Natural History auditorium. Series tickets only.

(MORE)

CAMPUS LECTURES AND PUBLIC PROGRAMS - 2 -

- Thursday, Feb. 8 --- "Optical Rotatory Dispersion and Protein Structure", lecture by Don B. Wetlaufer, Indiana university biochemist. 3:30 p.m., 213 Millard hall. Free, open to public.
- "Ionizing Radiations and Man's Genetic Heritage", lecture by William J. Schull, University of Michigan geneticist, 4 p.m., Mayo Memorial auditorium. Free, open to public.
- "Influence of Diagenesis on the Layered Silicates", lecture by John Hower, Montana State university professor. 7:30 p.m., Murphy hall auditorium. Free, open to public.
- Concert Band and Men's Chorus from University of Minnesota, Morris, two concert performances, 11:30 a.m. and 12:30 p.m., Coffman Memorial Union main ballroom. Free, open to public.
- Friday, Feb. 9 --- "Tanganyika: Its People Face the Future", lecture by Lady Chesham, member of Tanganyika legislature. 3:30 p.m., Murphy hall auditorium. Free, open to public.
- Opera Workshop, "An Evening at the Opera", excerpts from "Faust", "Madame Butterfly", "La Boheme", and "The Telephone". 8:30 p.m., Scott hall. Tickets, \$1.00 at door.
- Saturday, Feb. 10 --- Opera Workshop, "An Evening at the Opera", 8:30 p.m., Scott hall. Tickets \$1.00 at door.
- Sunday, Feb. 11 --- Art Department Faculty Exhibition, University gallery, fourth floor, and John Rood Sculpture collection, University gallery, 307 Northrop Memorial auditorium, 2-5 p.m. Free, open to public.
- International Salon Color Slides, entries in the Twin City Council of Camera Club's International Salon, 3 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.

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'U' JOURNALISM
WINNER OF ROME
FELLOWSHIP NAMED

(FOR IMMEDIATE RELEASE)

Minneapolis --- Burton A. Anderson of Mahtomedia, Minn., 23-year-old graduate student in the University of Minnesota school of journalism, is the 1962 winner of the annual Rome Daily American Fellowship.

Under terms of the award, Anderson will go to Rome, Italy, in June to begin a year's service on the news staff of Rome's English-language Daily American. He will replace Ben Kaufman of Minneapolis, 1961 Fellowship winner.

Anderson is a 1961 graduate of the school of journalism. Assistant sports editor of the Minnesota Daily last year, he is serving this year in the new post of training director of the paper. He spent the school year 1959-1960 traveling in western Europe and studying in Germany.

The Rome Daily American Fellowship is awarded annually to a selected graduate of the Minnesota school of journalism. Earlier winners are Howard Seemann, Minneapolis (managing editor of the American in 1960 and 1961), Todd Hunt, St. Paul, and Kaufman.

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'U' ORGANIST
TO GIVE BACH
CONCERT TUESDAY

(FOR IMMEDIATE RELEASE)

Heinrich Fleischer, University of Minnesota organist, will play the music of Johann Sebastian Bach on the University's Northrop Memorial auditorium organ at 11:30 a.m. Tuesday, Feb. 6.

The free concert, open to the public, is a Music Hour presentation of the University music department.

Fleischer's program will include:

"Phantasy and Fugue in G minor"

"Canzona in D minor"

"Passacaglia and Fugue in C minor"

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KREISLER MEMORIAL
PROGRAM SLATED
FEB. 13 ON KUOM

(FOR IMMEDIATE RELEASE)

A Fritz Kreisler Memorial program will be broadcast at 2:30 p. m.
Tuesday (Feb. 13) on KUOM, University of Minnesota radio station, 770 k. c.

Recordings of Kreisler performances and compositions, including portions
of the Beethoven and Mendelssohn concertos and a variety of shorter pieces
will be featured in the memorial to the noted violinist.

Kreisler, who died Jan. 29, appeared frequently in the Twin Cities and
is remembered by many local musioians and concert-goers. Among those who have
been invited to offer their recollections of Kreisler are Henry Kramer,
Minneapolis Symphony orchestra violinist, and John K. Sherman, music critic
of the Minneapolis Star and Tribune.

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TANGANYIKA NOBLEWOMAN-
LAWMAKER TO SPEAK
AT 'U' FRIDAY

UNIVERSITY OF MINNESOTA
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(FOR IMMEDIATE RELEASE)

An American woman who married an English nobleman and became a member of the Tanganyika legislature will speak on "Tanganyika: Its People Face the Future" at 3:30 p.m. Friday (Feb. 9) in a free public lecture in Murphy Hall auditorium at the University of Minnesota.

Lady Marion Chesham, a political and agricultural leader in her adopted country, is a native of Philadelphia, Pa. She has been a resident of the Southern Province of Tanganyika since before World War II, after her marriage to Lord Chesham. She was elected to the Tanganyika legislature in 1955 as an independent candidate for a European seat from the Southern Highlands Province and was reelected in 1960 by an all-African constituency, unopposed. Since her election she has been active in the political affairs of Tanganyika, which became an independent member of the British Commonwealth on Dec. 9, 1961.

Lady Chesham began her career as a reviewing editor for Ladies' Home Journal, women's magazine. During World War II, she organized club mobiles for the American Red Cross in England, where she spent the war years.

Returning to Tanganyika in 1947, she and her husband went into farming. After Lord Chesham's death in 1954, she continued to earn a livelihood from their farm and succeeded in planing coffee in an area where this crop was not known to grow as a cash crop. She has been active in encouraging cash crop agriculture in Tanganyika, selling coffee plants to neighboring farmers.

Lady Chesham went to England last June as a member of a Tanganyika parliamentary delegation and later lectured throughout the country on a tour sponsored by the Marchioness of Reading and the British government. She arrived in this country January 17 for a seven-week stay.

Her lecture at the University will be sponsored by the African Student association, International Relations Center and department of concerts and lectures.

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'U' GEOLOGY LECTURE
SET THURSDAY

(FOR IMMEDIATE RELEASE)

Third in the series of Emmons lectures in geology at the University of Minnesota will be given at 7:30 p. m. Thursday (Feb. 8) in Murphy hall auditorium by John Hower, Montana State University associate professor of geology.

His topic will be "Influence of Diagenesis on the Layered Silicates".

Professor Hower's research interests have centered on the processes by which sediments gradually change their mineralogy and composition to become rocks. He is the author of several papers in which X-ray and chemical studies have been utilized to help understand these processes, particularly in limestones and clays. Recently, in the search for other methods of attacking the problem, he has been associated with a project applying isotope techniques to geologic age determinations of clays and other layered silicates.

Before joining the Montana State faculty, Professor Hower taught at Massachusetts Institute of Technology and did research with the Pan American Oil Company Research Center at Tulsa. He was graduated from Syracuse university and received the doctor of philosophy degree from Washington university, St. Louis.

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'U' MORRIS BAND,
CHORUS TO APPEAR
AT UNION THURSDAY

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(FOR IMMEDIATE RELEASE)

The University of Minnesota, Morris (UMM) concert band and men's chorus will make their first Twin Cities appearance at a University convocation Thursday (Feb. 8) in Coffman Memorial Union main ballroom on the Minneapolis campus.

The two groups will join in presenting two 45-minute concerts at the convocation, at 11:30 a. m. and 12:30 p. m. The free public concerts are sponsored by the University's Union board of governors and the department of concerts and lectures.

The 60-piece band, composed of freshmen and sophomores from UMM, augmented by eight Morris high school musicians, is directed by Clyde E. Johnson, assistant professor of music.

The UMM men's chorus---limited to 36 voices---is directed by Ralph E. Williams, associate professor of music, conductor of the UMM symphony and director of all campus choral groups.

The band's program will feature Liszt's "Piano Concerto No. 1 in E-flat", with Joan Wildman, Hancock, Minn., as soloist. Also programmed are "Air for the G-String" from Bach's "Suite in D major"; a tone poem, "Allerseelen" (All Saints' Day), by Richard Strauss; a Spanish style piece, "Fandango", by Frank Perkins; and Maurice Weed's "Introduction and Scherzo", winner in 1959 of the fourth annual American Band association Ostwald Band Composition contest. The band also will play Osterling's "Charter Oak March" and Erickson's "Toccata for Band".

The Men's Chorus program will range from Sibelius' "Onward, Ye Peoples!" and Tschesnokoff's "Let Thy Holy Presence" to Duke Ellington's "Mood Indigo" and Johnny Mercer's "Autumn Leaves". The members also will sing a group of spirituals and an original composition, "Born To Be Free", by their director, Professor Williams.

Though only in the middle of its sophomore year of existence, the University of Minnesota Morris' music department now has a 50-piece symphony orchestra, a 125-voice oratorio chorus, a 65-voice a cappella choir and a 20-voice chamber singers group in addition to the 60-piece concert band and the 36-voice men's chorus, Williams said.

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NUCLEAR DETECTION
EXPERT TO SPEAK
AT 'U' TUESDAY

(FOR IMMEDIATE RELEASE)

An outspoken critic of the various proposals which have been presented for monitoring nuclear explosions will speak at the University of Minnesota at 7:30 p.m. Tuesday (Feb. 13) in Murphy hall auditorium.

F. A. Van Melle, research seismologist for Shell Oil company, Houston, Texas, will speak on "Seismic Detection of Underground Nuclear Blasts" as the seventh lecturer in a distinguished lecture series in geophysics.

Van Melle has a reputation as an original thinker and stimulating personality who has been vitally concerned with the several proposals for monitoring nuclear explosions as they affect United States defense policy and economy. During the last two years, he has made intensified studies of the techniques for detecting underground nuclear blasts.

A native of Amsterdam, the Netherlands, Van Melle received a doctor of philosophy degree from the University of Gronigen in 1928 on a thesis in X-ray crystallography. He entered the service of the B.P.M., technical subsidiary of the Royal Dutch Oil company, as gravity party chief and later seismologist in Indonesia and Mexico. In 1937, he came to the United States as an immigrant.

Van Melle has been with the Shell Oil company since 1938, first as seismologist in charge of an experimental crew, and, since 1943, as research seismologist in the exploration and production research division.

The free lecture is jointly sponsored by the school of mines and metallurgy, department of mechanical engineering and the department of concerts and lectures.

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TOP NATURE PHOTOS
TO BE SHOWN
AT 'U' MUSEUM SUNDAY

(FOR IMMEDIATE RELEASE)

Outstanding examples of nature photography will be among color slides to be shown at 3 p. m. Sunday (Feb. 11) in the Minnesota Museum of Natural History auditorium at the University of Minnesota.

The slides were entries in the nature category of the Twin City Council of Camera Clubs' International Salon which annually receives more than 1,000 entries from all over the world.

The free program will include examples of both good and bad nature photography. Harvey Gunderson, curator of mammals at the Museum and one of the nature salon judges, will present the slides.

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2 'U' DEBATE
TEAMS WIN AT
CONCORDIA MEET

(FOR IMMEDIATE RELEASE)

Two University of Minnesota debate teams won highest honors in the annual Red River Valley debate tournament Friday and Saturday (Feb. 2-3), according to their coach, Robert L. Scott, associate professor of speech at the University.

The tournament was sponsored by Concordia college, Moorhead, and entrants, in addition to local area competitors, included teams from the Air Force academy, Colorado Springs, Colo.

The University team composed of Richard O'Laughlin, college of science literature and the arts senior, 307 16th ave., S. E., and Sheldon Eviden, arts college junior, 2028 Upton ave., N., both of Minneapolis, won their six debates and lost none in the "A" division of the tournament. The other team from the University, Philip Raup, arts college freshman, 1572 Fulham, St. Paul, and John Swenson, arts college sophomore from Lakeville, won five of their debates in the "A" division.

-UNS-

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MINNEAPOLIS 14, MINNESOTA
FEderal 2-8158 EXT. 6700
FEBRUARY 7, 1962

'U' REGENTS
TO MEET FRIDAY

(FOR IMMEDIATE RELEASE)

The Board of Regents of the University of Minnesota will meet at
10 a.m. Friday (Feb. 9) in Room 238 Administration building on the Minneapolis
campus.

-UNS-

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FEBRUARY 8, 1962

GERMAN JUDGE
TO TELL OF NAZI
TRIALS IN 'U' LECTURE

(FOR IMMEDIATE RELEASE)

"Germany Continues to Clean House" will be the subject of a free public lecture by Erich Schalscha, West German jurist, at 8:30 p.m. Monday (Feb. 12) in Northrop Memorial auditorium at the University of Minnesota.

Schalscha, who retired in May as judge of the German Supreme Federal Court of Justice, will be visiting the Twin Cities as part of tour sponsored by the Republic of West Germany's Information Center in New York.

Chief Justice Oscar R. Knutson of the Minnesota Supreme Court will introduce Judge Schalscha.

The lecture will be co-sponsored by the Hennepin County Bar association, the Ramsey County Bar association, the William Mitchell College of Law in St. Paul and the University's law school and department of concerts and lectures.

The German jurist, who played a major part in the trials of Nazi war criminals, will report on how West Germany is continuing on the trail of suspected war criminals.

In addition to his public lecture, Schalscha will be a guest of the Minnesota Supreme Court at 2:30 p. m. Monday in its State Capitol conference room. He will address a noon luncheon Tuesday of the Hennepin County Bar association, speak before students of William Mitchell College of Law at 7:30 p. m. Tuesday and meet with students and faculty of the University law school at 11:30 a. m. Wednesday.

-UNS-

(NOTE TO NEWS MEDIA: A news conference for Dr. Schalscha will be held at 9 A.M. Monday, Feb. 12, in Room 238 Administration Building, University of Minnesota, Minneapolis campus.)

LAND-GRANT IDEA
HELPS GUIDE
'U' PHILOSOPHY

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
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FEBRUARY 8, 1962

(FOR RELEASE DURING WEEK OF FEB. 11-17)

Minneapolis --- Minnesotans this year will be hearing more and more about the Land-Grant philosophy of education and its effect on the University of Minnesota, as the University notes the Centennial anniversary of the Land-Grant act.

This week, Feb. 11-17, which is University of Minnesota Week, faculty members and officials are beginning a series of talks throughout the state, bringing to its citizens a greater knowledge of the important role the Land-Grant act has played in the shaping of its state university.

The Land-Grant act, signed by President Abraham Lincoln in July, 1862, introduced two new ideas in education which are still part of the guiding philosophy of the University and, in varying degrees, of most of this country's colleges and universities. First, it fostered the concept of higher education for the many instead of the privileged few, and secondly, it promoted the philosophy of "knowledge for use".

Introduced by Justin S. Morrill, a Vermont congressman who wanted to give others the opportunity for higher education which he had lacked, the law provided that each state be given 30,000 acres of federally owned land for each of its representatives in Congress. This land was to be sold and the proceeds invested as a "perpetual fund" for the endowment of at least one college "where the leading object shall be, without excluding other scientific and classical studies...the instruction of agriculture and the mechanic arts...in order to promote the liberal and practical education of the industrial classes".

Minnesota, with four Congressional representatives, received 120,000 acres of land. Coming at a time when the 11-year-old University was without students and struggling against staggering financial odds to reopen its doors, this bounty helped the University make a healthy second start.

But while the Morrill act specifically called for education in agriculture and the mechanic arts, and although the University dutifully established an experimental farm and courses in both fields, students were not easily recruited.

(MORE)

Until at least 1880, the college of agriculture never had more than three students at one time and between 1870 and 1885, the courses in engineering produced only 16 graduates. From this slow start, due mostly to the apathy and/or suspicion of parents toward "scientific" education in farming and mechanics, the University slowly built its impressive institute of agriculture on the St. Paul campus, which last June awarded degrees to 155 graduates, and its institute of technology, which graduated 406 students in June.

This achievement was based on the University's belief, as emphatic now as it was then, that it is committed to strong professionally- and vocationally-oriented programs at all levels---undergraduate, graduate and extension. These programs faithfully carry out the triple purpose outlined by the Land-Grant act--- instruction, research and public service. Not only regular student courses, but short courses for professional and industrial people, field days for farmers, extension classes, agricultural extension service and many other educational opportunities substantiate the University's belief there is a place in education for everyone.

This commitment to the philosophy of "knowledge for use", however, has not diminished the role of the liberal arts at the University, according to Stanley J. Wenberg, vice president and administrative assistant.

"It is most fortunate that Minnesota combined its state university with its Land-Grant college so that the great liberal arts program which is the basis and strength of all state universities is also part of our Land-Grant enterprise," he said.

Other significant facets of the Land-Grant philosophy affecting the University today are its "open door" and "public subsidy" policies--the belief that education should be available to all persons who can benefit from it at the lowest possible cost.

The Land-Grant act also pioneered the idea of federal responsibility in state-operated institutions of higher learning, Wenberg said, and the recognition that there is a role for the federal government in this kind of institution is an important part of the Land-Grant philosophy today.

"I draw a real distinction between federal aid and federal responsibility", he explained. "Federal aid is given to make up the difference in a deficit budget. Federal responsibility is giving money because it belongs there."

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'U' DADS MEETING
TO FOCUS ON
LAND-GRANT ACT

(FOR IMMEDIATE RELEASE)

The Dads' association of the University of Minnesota will observe University week and the Land-Grant Act Centennial at a dinner meeting at 6 p.m. Tuesday (Feb. 13) in Coffman Memorial Union junior ballroom.

Association members and their wives will hear William Anderson, professor emeritus of political science, speak on the history and lore of the University and the state. Professor Anderson was chairman of the political science department before his retirement and has been a member of several state and local governmental organizations. He presented the inaugural address, "The University and Its Presidents" at the inauguration of President O. Meredith Wilson last year.

The association also has announced plans for a theater program following its dinner meeting March 1. Arthur Ballet, speech and theater arts professor, will speak and will be followed by a University theater production of Shakespeare's "Henry IV".

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LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF FEB. 11 - FEB. 18

- Sunday, Feb. 11 --- "International Salon Color Slides", nature photo entries in the Twin City Council of Camera Clubs' International Salon, 3 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.
- University gallery: Art Department Faculty Exhibition, fourth floor; John Rood Sculpture collection, room 307; French Printmakers, east gallery, Northrop Memorial auditorium, 2-5 p.m. Free, open to public.
- Monday, Feb. 12 --- Dr. Erich Schalscha, German jurist in charge of the apprehension and trial of Nazi war criminals, speaking on "Germany Continues to Clean House--on the trail of Nazi criminals". 8:30 p.m., Northrop Memorial auditorium. Free.
- "Early Man in America", anthropology lecture by Frank C. Hibben, anthropology professor, University of New Mexico, 8:30 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.
- Tuesday, Feb. 13 --- University gallery: Art Department Faculty Exhibition, fourth floor; John Rood Sculpture collection, room 307; French Printmakers, east gallery, Northrop Memorial auditorium, open weekdays during school hours. Free.
- F. A. Van Melle, Shell Development company seismologist, lecturing on "Seismic Detection of Underground Nuclear Blasts", 7:30 p. m., Murphy hall auditorium. Free.
- Wednesday, Feb. 14 --- Kaffee Konzert: The Art of Chamber Recital demonstrated by Roy Schuessler, baritone, department of music, 11:30 a.m. and 12:30 p.m., Coffman Memorial Union main ballroom. Free.
- University Theater, "The Furious Pilgrim" by Jay Gurian, 8 p. m., Scott hall studio theater. Admission.

(MORE)

LECTURES AND PUBLIC PROGRAMS

- 2 -

- Thursday, Feb. 15 --- North Central division convention, College Band Directors National association, Northrop Memorial auditorium. Open to public, school music directors and their students. Free. Through Feb. 17.
- Convocation: University Opera Workshop production: Act I, "La Boheme" and "The Telephone", 11:30 a. m., Northrop Memorial auditorium. Free, open to public.
- Richard G. Bader, National Science Foundation, Washington, D.C., geology lecture on "An Outlook Toward Research in Modern Sedimentology", 7:30 p.m., Murphy hall auditorium. Free, open to public.
- University theater: "The Furious Pilgrim" by Jay Gurian, 8 p.m., Scott hall studio theater. Admission.
- Friday, Feb. 16 --- University Concert Band Ensemble annual winter concert, 8 p.m., Northrop Memorial auditorium. Free, open to public.
- University theater: "The Furious Pilgrim" by Jay Gurian, 8 p.m., Scott hall studio theater. Admission.
- Saturday, Feb. 17 --- University theater: "The Furious Pilgrim" by Jay Gurian, 8 p.m., Scott hall studio theater. Admission.
- Sunday, Feb. 18 --- Brotherhood Week starts, Feb. 11-23.
- "Natural History of Bahama's Shoalwaters", by Preston Cloud, head of geology department, 3 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.
- University theater: "The Furious Pilgrim" by Gay Gurian, 3:30 p.m., Scott hall studio theater. Admission.
- Annual Brotherhood of Faiths Choral Festival, 8 p.m., Northrop Memorial auditorium. Free, open to public.
- University gallery: Art Department Faculty Exhibition, fourth floor; John Rood Sculpture collection, room 307; French Printmakers, east gallery. Northrop Memorial auditorium, 2-5 p.m. Free, open to public.

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MUSIC OF 4 FAITHS
IN 'U' BROTHERHOOD
CONCERT SUN., FEB. 18

(FOR IMMEDIATE RELEASE)

Choral groups representing four faiths---Jewish, Roman Catholic, Greek Orthodox and Lutheran---will present representative liturgical music at the third annual Brotherhood of Faiths Choral festival at 8 p. m. Sunday, Feb. 18, in Northrop Memorial auditorium.

The free open concert, part of the University of Minnesota annual Brotherhood Week program, is jointly sponsored by the University Council of Student Religious Organizations and the department of concerts and lectures.

Representing the four denominations will be the Hazomir choral society of Beth El synagogue, Minneapolis; St. George's Ukrainian choir, Minneapolis; St. John's Abbey Scola, Collegeville; and the Central Lutheran church choir, Minneapolis.

Each choir will feature the most representative music of its particular liturgy in concert form---a cross section of the heritages of the different denominations as represented by their musical and liturgical expressions.

With the exception of the music sung by the Jewish group, which will be accompanied, in part, by piano music, all of the choral work will be $\frac{1}{2}$ capella.

-UNS-

NEW CONCERTS, LECTURES
AIDE AT 'U'
NAMED FRIDAY

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FEBRUARY 9, 1962

(FOR RELEASE 11 A. M. FRIDAY, FEB. 9, 1962)

George E. Michaelson, former North Dakota state representative of the March of Dimes, Friday (Feb. 9) was appointed assistant director of the University of Minnesota department of concerts and lectures. The appointment, approved Friday by the Board of Regents, will be effective Feb. 16.

Michaelson succeeds Paul K. Peterson who resigned Jan. 1 to join the Northwestern Costume House, Inc.

James S. Lombard, director of concerts and lectures, said Michaelson will handle publicity for the department's Artists Course series---the Celebrity and Masterpiece presentations---and for the Metropolitan Opera performances at the University. He also will supervise the drama advisory service. In addition he will assist the director in all phases of the department's activities.

Long engaged in public relations and promotion work, Michaelson previously served on the University staff as adviser in the concert and lecture service in 1952-53 and as senior adviser for the department of concerts and lectures out-state program service in 1954-56. In the latter capacity he organized and managed publicity for concerts and lectures given in out-state communities through the University.

He was March of Dimes state representative in Iowa in 1956 and served as public relations director for the North Dakota Heart association for two years. He has been North Dakota March of Dimes representative since last May. He has lived in Bismarck since 1957.

Born March 19, 1928 in Luverne, Minn., Michaelson majored in speech and journalism at the University of Minnesota.

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OPERA WORKSHOP
AT 'U' CONVO THURS.

(FOR IMMEDIATE RELEASE)

"La Boheme", Act I, and the complete opera buffa, "The Telephone" will be presented by the University of Minnesota Opera Workshop group at the University convocation, 11:30 a. m. Thursday (Feb. 15) in Northrop Memorial auditorium.

The workshop group, directed by Paul Knowles of the University music department faculty, is an all-student group.

Taking parts in "La Boheme" are: Marcello, Edward Gruber; Rodolfo, Keith Larson; Colline, Matthew Murray; Schaunard, David Johnson; Benoit, Michael Carrier; and Mimi, Jan Anderson.

Jan Blomquist will take the part of Lucy and Michael Carrier, Ben, in "The Telephone". Jan Staley and Phillip Brunelle will be the piano accompanists for both pieces.

The public is invited to the free public convocation sponsored by the department of concerts and lectures.

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BAHAMAS SUBJECT
OF FILM LECTURE
AT 'U' SUNDAY

(FOR IMMEDIATE RELEASE)

"The Natural History of Bahamas' Shoalwaters" will be the topic of the weekly Minnesota Museum of Natural History free program at 3 p. m. Sunday in the Museum auditorium at the University of Minnesota.

Professor Preston Cloud, head of the University geology department, will speak and show movies and slides of the environment and life of the West Indian, subtropical, limestone shallows around the Bahamas. Professor Cloud's talk will center on the ecology of modern sediments which will eventually become limestone.

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BONE MARROW SEPARATION DEVELOPED
AT 'U' STUDIED AS ORGAN GRAFT LINK

(FOR IMMEDIATE RELEASE)

Minneapolis --- An important new method of separating certain types of bone marrow cells, developed at the University of Minnesota, may lead to a life-saving development in radiation protection and human organ grafts.

Under a new \$50,000 grant from the United States Public Health service, Dr. Sadek Hilal, research fellow in radiology, will attempt to transplant half-way mature bone marrow cells from one person to another without causing an immune reaction. If this can be done, persons whose bone marrow has ceased producing blood cells because of massive exposure to radiation can be saved from death by having their bone marrow repopulated with healthy blood-producing cells.

The bone marrow transplant could also be used to prepare patients for organ grafts from other persons--a surgical process which has never been successful, except between twins, because the body reacts negatively against the foreign organ, causing a failure of the graft and sometimes even death.

Dr. Hilal explained that if the patient could be given total body radiation before transplanting a body organ, such as a kidney, the body would not react against the foreign material because radiation inhibits all activity in the body. The patient could then be given new compatible bone marrow cells which would keep him from dying from the radiation dosage by producing new blood cells.

Bone marrow, if transplanted whole, usually causes the same immune reaction as an organ graft. The success of Dr. Hilal's present research depends on a special type of bone marrow cell known to be tolerant toward any cells to which it has not been exposed before. Dr. Hilal is the first scientist to develop a technique of separating out large quantities of this special type of cell for practical use.

The cells are "half way mature", midway between immature cells which react indiscriminately against any foreign material, and mature cells which cannot reproduce new cells. The half-way mature cells are still capable of reproducing, but are not able to produce anti-bodies against a new foreign material.

(MORE)

Dr. Hilal based his separation technique on the specific gravity of the bone marrow cells. He developed certain new solutions, now patented, which when combined in a test tube with whole bone marrow and whirled in a centerfuge will cause the bone marrow cells to separate in layers according to their density. Thus, the heavy or mature cells go to the bottom; the light, immature cells to the top; and the half-way mature cells remain in the center where they can be drawn off and used for transplant. Some of the basic ingredients in Dr. Hilal's solutions are materials which have been discovered within the last five years, he said.

Preliminary results of Dr. Hilal's experimental bone marrow transplants on dogs indicate there is a good chance for the success of his project, he said. In his laboratory, dogs have been given a lethal dose of radiation, followed by intravenous injections of half-way mature bone marrow cells taken from other dogs. The radiated dogs have shown no immune reaction to the cells, Dr. Hilal said, and have also withstood the lethal radiation by producing new blood cells.

Since not everyone has a twin, Dr. Hilal said, it would be extremely valuable to be able to develop a universal transplant technique by using these compatible cells. He estimates it will take another two years before the method can be tried on humans.

Dr. Donn G. Mosser, radiology and radiation therapy professor, is adviser to Dr. Hilal in the project, assisted by Dr. Merle K. Loken, assistant professor of radiology and radiation therapy.

Dr. Hilal is from Cairo, Egypt. He received the doctor of medicine degree from the University of Cairo and came to this country in 1957. He spent a year and a half at Memorial Cancer center, part of Cornell university, New York, N. Y., in radiation therapy and radiation biology and has been at the University for three years.

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DR. WATSON TO BE
GIVEN HONORARY
DEGREE BY GERMAN 'U'

(FOR IMMEDIATE RELEASE)

Dr. Cecil J. Watson, professor and head of the department of medicine at the University of Minnesota, will deliver the annual Thomas Young Memorial lecture Thursday (Feb. 15) at St. George's hospital, London, England.

He will also receive the honorary degree of doctor of medicine honoris causa from Johannes Gutenberg university, Mainz, Germany, where he will address the faculty on Feb. 20 before returning to the University.

The subject of both speeches will be the urobilin problem, a topic related to liver disease. Dr. Watson is noted for research in that field and in metabolism of blood and bio-pigments. He is a member of the National Academy of Science and received the Minnesota Medical Foundation distinguished service award last year.

The Thomas Young lecture is in honor of "the father of physiological optics" who made important contributions to the field of ophthalmology.

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14 'U' MEDICAL
SCHOOL SCHOLARSHIP
WINNERS NAMED

(FOR IMMEDIATE RELEASE)

Minneapolis --- Fourteen medical students at the University of Minnesota have been granted scholarships from funds made available by friends of the University's medical school, according to George B. Risty, director of the bureau of loans and scholarships.

The bureau, in cooperation with the University school of medicine scholarship committee, selected these students for the annual grants:

From Minneapolis---Dennis Frisbie, 181 University Village, Medical School scholarship fund; William Bergstrom, 317 Union st., S. E., Martin William Case and George Leland scholarship; John McMillin, 4340 29th ave., S., Clarence A. Orendorff scholarship; and Eugene Bagley, 406 11th ave. S. E., Orendorff scholarship.

Suburban area recipients include---Lawrence Pearson, 10849 Abbott ave., S., Bloomington, Walter D. Boutell Memorial scholarship and Herbert P. Sawyer Memorial scholarship fund; Paul Mertens, 3443 Halifax N., Robbinsdale, University Medical School scholarship; John Elstrom, 2601 Xenwood, St. Louis Park, Roy V. Arnold scholarship; and Dennis Jacobsen, Box 511, Anoka, Orendorff scholarship.

Also receiving scholarships are: Dorr Dearborn, Ontario, Oregon, Edward Everett Davidson Memorial scholarship; Robert Nelson, Grove City, Martin William Case and George Leland Medical scholarship; Paul Dickinson, Granite Falls, also a Case Leland scholarship; Terrill Olsen, Albert Lea, an Orendorff scholarship; Albert Roth, Lake Crystal, Women's Auxiliary to Ramsey County Medical Society scholarship; and Henry Knudsen, Moorhead, an Orendorff scholarship.

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FEBRUARY 13, 1962

GUY DUCKWORTH
TO LEAVE 'U' FOR
ILLINOIS POST

(FOR IMMEDIATE RELEASE)

Guy Duckworth, associate professor of music and music education at the University of Minnesota, will assume the chairmanship of the piano preparatory department at Northwestern university, Evanston, Ill., Sept. 1, he announced today.

Professor Duckworth, 1927 River Terrace E., Minneapolis, resigned from his position at the University to accept the position of professor of piano in the Evanston university's school of music.

His position, Dockworth said, will be threefold: to chair the piano preparatory department; to effect a liaison between preparatory and college level music teaching; and to establish curricular offerings in piano pedagogy for students looking forward to teaching piano as a profession and for teachers already in the field who are interested in in-service courses.

Professor Duckworth also will give demonstrative teacher-institutes in local, state and national areas, a unique feature of his new position.

Mrs. Duckworth (Maria Farra), director of the Twin Cities Dance Guild and Theater, will continue her classes here, Professor Duckworth said, commuting thrice weekly from Evanston. She also plans to establish an Evanston branch of the Guild and Theater in that area.

Professor Duckworth has served on the University faculty since 1955.

-UNS-

CHORAL FESTIVAL
TO HIGHLIGHT 'U'
BROTHERHOOD WEEK

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FEBRUARY 14, 1962

(FOR IMMEDIATE RELEASE)

The third annual Brotherhood of Faiths Choral festival will highlight the University of Minnesota observance of Brotherhood Week Feb. 18 through Feb. 23.

The week's activities are sponsored by the University's Council of Student Religious organizations, according to Professor Henry E. Allen, student religious activities coordinator.

The University department of concerts and lectures is joining with the religious council in sponsoring the choral festival in which groups representing four faiths---Jewish, Roman Catholic, Greek Orthodox and Lutheran---will present representative liturgical music.

Brotherhood Week observance at the University will open Sunday (Feb. 18) with a smorgasbord from 5 to 7:30 p.m. in the Newman Foundation, 1701 University ave., S. E. The free, public choral festival will be held immediately after the smorgasbord, at 8 p.m. in Northrop Memorial auditorium.

The University's Panel of Americans will present the Monday (Feb. 19) Union noon program at 11:30 a.m. and at 12:30 p.m. in Coffman Memorial Union main ballroom.

The free films, "A Day in the Night of Jonathan Mole" and "The Brotherhood of Man", will mark the Tuesday (Feb. 20) Brotherhood Week observance. The films will be shown at 11:30 a. m. and at 12:30 p. m. in the Union main ballroom.

Martin Marty, associate editor of the "Christian Century" and paster of the Lutheran Church of the Holy Spirit, Elk Grove, Ill., will speak on "Religious Pluralism on Campus" in an 8 p. m. lecture-discussion Thursday (Feb. 22) in the University Lutheran chapel, 1101 University ave., S. E.

The showing of the 90-minute feature film "Power Among Men" at 11:30 a. m. Friday (Feb. 23) in the Union main ballroom and a coffee hour at 3:30 p. m. Friday in the University Y.M.C.A. will conclude 1962 Brotherhood Week observances at the University.

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'HENRY IV' TOPIC
OF LECTURE AT
'U' SUNDAY

(FOR IMMEDIATE RELEASE)

The first of two special lectures on Shakespeare's "Henry IV" will be given by Robert Moore, University of Minnesota English professor, at 8 p. m. Sunday (Feb. 18) in Mayo Memorial auditorium at the University.

The lectures, open to the public, are part of the Horizons series sponsored by the University medical school in cooperation with the liberal arts programs of the general extension division.

Professor Moore's lectures are planned in conjunction with the University Theater's production of "Henry IV" which opens Thursday, Feb. 22. His first talk, "Before Curtain", will deal with a study of the play theme, action, characters, and poetic imagery.

A second lecture on March 4 will be called "After Curtain" and will be a review and discussion of the play.

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NOTED ARCHITECTS
TO SPEAK AT 'U'

(FOR IMMEDIATE RELEASE)

Edgardo Contini, Los Angeles architect, will give two free public lectures next week in the School of Architecture building court at the University of Minnesota.

He will speak on "The Relation Between the Structural Engineer and the Architect" at 1:30 p.m. Tuesday (Feb. 20). Wednesday (Feb. 21), he will talk on "Engineering and Architecture in Urban Design" at 1:30 p. m.

Contini is a partner and chief structural engineer for Victor Gruen Associates, a Los Angeles architects and engineers firm. He is a native of Italy and was a student of Pier Nervi, noted Italian engineer-architect.

A third lecture sponsored by the school of architecture next week will be a talk on "City Planning" by Rodney Engelen, planner and architect of Barton-Aschman Associates, Chicago engineers and planners, at 4:30 p. m. Wednesday in the Architecture court.

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FEBRUARY 14, 1962

'U' SCIENTISTS ADAPTING TINY
ROCKET RESEARCH TOOL TO MEDICAL USE

(FOR IMMEDIATE RELEASE)

Minneapolis --- A tiny platinum-plated glass tube smaller than a human hair---part of equipment originally designed for combustion studies in rocket research---is being turned into a medical tool through the ingenuity of a University of Minnesota mechanical engineer and a research scientist.

The team, working under a recent Public Health service (PHS) grant of some \$64,000, is made up of Leroy M. Fingerson, a research associate in the department of mechanical engineering, and Robert L. Evans, assistant professor of physiology.

The two men are adapting the tiny liquid-cooled tube for use in obtaining more information about the characteristics of blood flow in the aortic outflow tract of the heart.

"At the present time there is still much to be known about the details of blood flow in this region," Fingerson said. "One of the primary points we are looking for is an answer to the question of whether there is turbulent (irregular) flow in this region during at least a part of the pulse cycle. We are designing this equipment to attempt to answer this question."

The electronically controlled "sensor"---the minute glass tube whose outside diameter is .006 of an inch and whose inside measurement is only .004 of an inch---despite its fragile appearance, can be used at the "business end" of a catheter and inserted into the aorta where it will record the presence of turbulence through nearly instantaneous velocity variants.

(MORE)

Value of the information to be obtained in research under this three-year PHS grant, Evans explained, will be in better understanding of the problems of blood circulation.

"So far, it has been easier to measure blood pressure than to measure flow", he said, "but flow is the quantity that is essential to the organs' nourishment. Also, if a method of estimating flow could be correlated with pressure measurements, it would be extremely useful. Such a relationship has to be tested by direct measurement of flow; therefore, better measures of flow can also be useful in this indirect sense, as well as for themselves."

"There are other types of flow meters now in use," Evans explained, "but this new one may be the only one that will give accurate instantaneous flow measurements at a particular point in a cross section of an artery. With this equipment, designed and developed in the University department of mechanical engineering, we expect to acquire a better understanding of circulation, which we, in turn, can then teach our medical students."

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FEBRUARY 15, 1962

COMMAGER TO GIVE
PUBLIC LECTURE
AT 'U' SATURDAY

(FOR IMMEDIATE RELEASE)

Henry Steele Commager, distinguished historian, will speak on "Freedom and the Majority Will--An American Dilemma" at 8 p.m. Saturday (Feb. 17) in the Minnesota Museum of Natural History auditorium at the University of Minnesota.

Commager is professor of history at Amherst college, Amherst, Mass. His lecture, open free to the public, is part of a three-day seminar on "The Individual and Freedom" being held Friday through Sunday (Feb. 16-18) at the Center for Continuation Study.

Professor Commager is the author of several books, most of them concerning American history. His textbooks are among those most widely used in this country.

He has served as visiting professor or lecturer in many European universities, including Cambridge and Oxford universities, England; Uppsala university, Sweden; University of Copenhagen, Denmark; and the University of Jerusalem, Israel. He has also lectured at universities in Germany, Italy and France and was an honorary professor at the University of Santiago de Chile.

Before joining the Amherst history department in 1939, Professor Commager was professor of history at Columbia university, New York, N. Y. He received his bachelor of philosophy, master of arts and doctor of philosophy degrees at the University of Chicago and holds several honorary degrees.

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UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
MINNEAPOLIS 14, MINNESOTA
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FEBRUARY 16, 1962

LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF FEB. 18-25

- Sunday, Feb. 18 --- Brotherhood Week starts, Feb. 18-23.
- "Natural History of Bahamas' Shoalwaters", illustrated lecture by Preston Cloud, head of geology department, 3 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.
- University theater: "The Furious Pilgrims" by Jay Gurian, 3:30 p.m., Scott hall studio theater. Admission.
- Annual Brotherhood of Faiths Choral Festival, 8 p.m., Northrop Memorial auditorium. Free, open to public.
- University gallery: Art Department Faculty Exhibition, fourth floor; John Rood Sculpture collection, room 307; French Printmakers, east gallery. Northrop Memorial auditorium, 2-5 p.m. Open weekdays during school hours. Free, open to public.
- "Before Curtain" lecture on Shakespeare's "Henry IV", by Robert Moore, English professor. 8 p.m., Mayo Memorial auditorium. Free, open to public.
- Tuesday, Feb. 20 --- "The Relation Between the Structural Engineer and the Architect", lecture by Edgardo Contini, chief structural engineer for Victor Gruen Associates, Los Angeles, Calif., 1:30 p.m., School of Architecture building court. Free.
- Wednesday, Feb. 21 --- Kaffee Konzert: "The Art of Chamber Chorale" by the Twin City Chamber Chorale, David LaBerge, director. 11:30 a.m. and 12:30 p.m., Coffman Memorial Union main ballroom. Free, open to public.
- "Engineering and Architecture in Urban Design", lecture by Edgardo Contini, Los Angeles, Calif., 1:30 p.m., School of Architecture building court, Free, open to public.
- "City Planning", lecture by Rodney Engelen, planner and architect of Barton-Aschman Associates, Chicago, Ill. 4:30 p.m., School of Architecture court. Free, open to public.
- Thursday, Feb. 22 --- University theater: Opening, "Henry IV, Part One", 8 p.m., Scott hall auditorium. Admission.

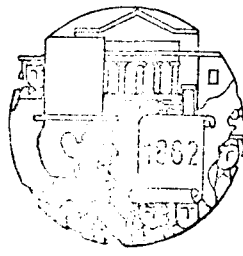
(MORE)

LECTURES AND PUBLIC PROGRAMS

- 2 -

- Friday, Feb. 23 --- University theater: "Henry IV, Part One", 8 p.m.
Scott hall auditorium. Admission.
- Powell Hall carnival, "Sidewalks of New York", 7-12 p.m.,
Powell Hall nurses' dormitory, Open to public,
Admission 25¢
- Saturday, Feb. 24 --- University theater: "Henry IV, Part One", 8 p.m.
Scott hall auditorium. Admission.
- Sunday, Feb. 25 --- "Life of Our Marshes and Woodlots", color sound film,
3 p.m., Minnesota Museum of Natural History auditorium.
Free, open to public.
- "The Explorations of the Solar System", Honeywell
lecture by William Pickering, director of the Jet
Propulsion Laboratory, California Institute of Technology,
3:30 p.m., Northrop Memorial auditorium. Free, open to
public.
- University gallery: Art Department Faculty Exhibition,
fourth floor; John Rood Sculpture collection, room 307;
French Printmakers, east gallery. Northrop Memorial
auditorium, 2-5 p.m. Free, open to public.

-UNS-



'U' PRESIDENT EMERITUS MORRILL
TO GIVE LAND-GRANT CONVOCATION
ADDRESS HERE ON APRIL 12

1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
MINNEAPOLIS 14, MINNESOTA
Federal 2-8158 EXT. 6700
FEBRUARY 16, 1962

(FOR IMMEDIATE RELEASE)

Minneapolis --- J. L. Morrill, president emeritus of the University of Minnesota and director of the Ford Foundation's overseas development program in Latin America and the Caribbean, will return to the campus April 12 to deliver the Land-Grant Centennial convocation address.

He will speak on the subject of the Land-Grant tradition at 11:30 a.m. in Northrop Memorial auditorium.

This will be Dr. Morrill's first official visit to the University since he retired from the chancellorship July 1, 1960. His office now is in New York.

Dr. Morrill, the University's eighth president, is generally regarded as the "elder statesman" of the land-grant movement. During his 15 years as president of the University, he held many high offices in the American Association of Land-Grant Colleges and Universities, serving as president of the group in 1947-48.

His book, "The Ongoing State University", published by the University of Minnesota Press in 1960, contains several chapters on the land-grant philosophy, which was to make higher education available to the many, instead of the few.

The University of Minnesota is one of 68 Land-Grant colleges and universities in the United States and Puerto Rico. The Land-Grant Act of 1862 set aside several acres of land in each of the states, with provision that proceeds from sale of the lands be used for the creation of state-supported institutions of higher learning open to the general population.

The Land-Grant convocation April 12 will be followed by a Centennial luncheon in Coffman Memorial Union, with brief addresses by several state civic and business leaders. The University's 2,400 Land-Grant sponsors, selected from among community leaders throughout the state, will be invited to the convocation and the luncheon.

Dr. and Mrs. Morrill are expected to arrive in the Twin Cities April 11.

'U' PLANS TO EXPAND
CLOSED-CIRCUIT TV
INSTRUCTIONAL USE

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
MINNEAPOLIS 14, MINNESOTA
FEderal 2-8158 EXT. 6700
FEBRUARY 15, 1962

(FOR IMMEDIATE RELEASE)

Minneapolis --- A proposal for greatly expanded use of closed-circuit television for instructional purposes at the University of Minnesota was announced Thursday (Feb. 15) by University President O. Meredith Wilson.

The University department of radio and television broadcasting will have major responsibility for the research and development of new programs in closed-circuit television. Heading the project will be Burton Paulu, department director. Production details will be the responsibility of Sheldon Goldstein, assistant director.

Serving the department in a policy-making capacity will be a special sub-committee of the University Radio and Television Policy committee, a faculty-administration group, appointed by President Wilson. The sub-committee, headed by Dean E. W. Ziebarth of summer session, a veteran radio and television commentator, will make a continuing study of what instructional needs can be met with closed-circuit television and of how the program should be applied.

"The expanded use of closed-circuit television will be an effort to make more effective the teaching programs at the University and to help meet the problem of numbers," President Wilson said.

Related to the program of expanding closed-circuit television use will be the transfer of production for University television programs broadcast on KTCA-TV, Channel 2, from the University radio and television department to the station. The University does not have its own television outlet but presents broadcasts daily Monday through Friday for one hour in the evening on KTCA-TV, which is owned by the Twin City Area Educational Television corporation.

Result of this transfer, to be effective March 26, will be to release television personnel and facilities at the University for research on and application of closed-circuit television in the University's instructional program, according to President Wilson.

(MORE)

Control of content of University programs appearing over KTCA-TV will remain with the University.

President Wilson said the administration and the advisory sub-committee have no "preconceived notions of where the needs might lie" in closed-circuit television instruction at the University.

Paulu pointed out that closed-circuit television might be used by the University in several ways. Within a single classroom it could magnify demonstrations, maps or charts so that many students could clearly see small details. In this connection, one professor could teach hundreds of students seated in a medium-sized auditorium or classroom. Closed-circuit television also may find applications in inter-campus programs, he said.

Three University divisions currently are using closed-circuit television in instructional programs. The college of education has been using it since 1953 in demonstration teaching under grants from the Ford Foundation Fund for the Advancement of Education and currently under a National Defense Education Act grant. The school of dentistry has been using it since 1958 to make it possible for more students to see close-up views of demonstrations of dental work by instructors. The institute of technology has been using it for demonstration-lecture classes in aeronautical engineering for more than four years.

Other members of the advisory sub-committee on closed-circuit television policies are Robert H. Beck, education professor; Sherwood O. Berg, professor and head of agricultural economics; Allan A. Blatherwick, associate professor of aeronautics and engineering mechanics; Harold C. Deutsch, professor and history department chairman; Donald K. Smith, professor and chairman of speech and theater arts; Willard L. Thompson, assistant to the president; and Paulu.

ARMS CONTROL TOPIC
OF PUBLIC SEMINAR
AT 'U' FEB. 28-MARCH 2

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
MINNEAPOLIS 14, MINNESOTA
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FEBRUARY 19, 1962

(FOR IMMEDIATE RELEASE)

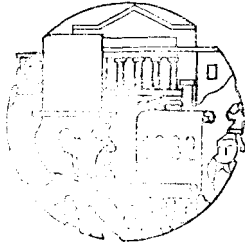
"Political Strategies and Arms Control", a three-day public program and seminar dealing with some theoretical approaches and policy considerations surrounding the problems of arms limitations, will be presented at the University of Minnesota Feb. 28-March 2.

General format of the program, sponsored and presented by the University's Center for International Relations, will include formal presentations, panel discussions and questions from the floor, according to the program moderator, Professor Charles H. McLaughlin, center director and political science department chairman. The programs will be held from 3:30 to 5:30 p.m. in the Men's Lounge, Coffman Memorial Union.

Professor Leonid Hurwicz, chairman of the department of economic statistics, will open the first session of the conference Wednesday, Feb. 28. His topic will be "The Contribution of the Theory of Games to Armaments Strategy". David Cooperman, associate professor of interdisciplinary studies, and Frank Sorauf, assistant professor of political science, will join him in discussing the applicability of game theory to the political policies of arms control. Audience questions will conclude the session.

Professor Arnold Rose, sociology, will moderate for the conference's second session Thursday, March 1. Following his introductory talk on "The Nature of Conflict", the session's three main speakers will deliver formal presentations: Professor Mulford Q. Sibley, political science, "The Case for Unilateral Disarmament"; Professor Werner Levi, political science, "The Political Feasibility of Disarmament"; and William Flanigan, political science instructor, "Arms Control: An Alternative to Disarmament". Following the addresses, the panel members will discuss each other's proposals and answer questions from the floor.

Professor John H. Williams, physics, former member of the United States Atomic Energy commission, and Professor Maurice B. Visscher, physiology department head, will discuss the scientific problems of arms control and nuclear war at the final session Friday, March 2. Professor Williams will discuss the technological feasibility of inspection systems, and Professor Visscher, the biological effects of thermo-nuclear war.



1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

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FEBRUARY 19, 1962

'TWIST' -- CURE, AT
'U' NURSES SHOW

(FOR IMMEDIATE RELEASE)

"The Sidewalks of New York"---complete from the lobby of the Waldorf Astoria to Coney Island---will be the theme of the annual Powell Hall carnival presented by the student nurses of the University of Minnesota Friday (Feb. 23).

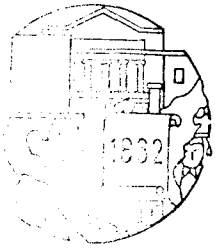
The 25 cent admission to the carnival, to be held from 7 to 12 p. m. in the nurses' dormitory, Essex and Union streets, S. E., as well as proceeds from the 10-cent concession tickets will be placed in nursing scholarship funds.

Traditionally a highlight of the nurses' carnival is the "backrub" booth. This year the girls suggest scheduling this visit following a trip to the famous "Peppermint Lounge" and a session of the "Twist", according to Carolyn Prouty, 120 W. Summit, St. Paul, carnival director.

"We've really covered New York," Miss Prouty said. "The booths range from a Greenwich Village Expresso house, through Central Park to Tiffany's, to the United Nations."

The evenings' feature will be the stage show, "Big Spike Goes West", a comedy about the big city boy who goes West---to the University of Minnesota campus.

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1832 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

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FEBRUARY 19, 1962

'U' BUSINESS SCHOOL
SETS OPEN HOUSE
AT COMPUTER CENTER

(FOR IMMEDIATE RELEASE)

More than 700 Twin Cities businessmen have been invited to an open house Wednesday (Feb. 21) at the new computer installation in the University of Minnesota school of business administration.

Hours for the open house, which is open to the public, will be 10 a.m. to 4 p. m. in Room 4 Vincent hall.

The \$500,000 computer---a Univac Solid-State 80---was given to the University by Remington Rand Univac for joint use by the University in its academic programs and by Remington Rand in training Univac sales and educational personnel.

The computer will become University property after three years of joint use.

Professor Gordon B. Davis, director of the computer center, said the machine will be used in student training and in faculty and graduate student research.

The Univac Solid-State 80 is a "medium-sized" computer. Its seven-unit system includes a central processor, a high-speed card reader, a printer and four tape storage units. It stores 50,000 digits, prints 600 lines per minute and can read data off cards at the rate of 600 words per minute.

'U' DOCTORS REPORT
ON NEW DRUG USE
IN LYMPHATIC LEUKEMIA

UNIVERSITY OF MINNESOTA
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MINNEAPOLIS 14, MINNESOTA
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FEBRUARY 19, 1962

(FOR IMMEDIATE RELEASE)

Results of a two-year test of a new chemical drug for the treatment of adult lymphatic leukemia and malignant lymphoma have been published by University of Minnesota physicians in the February issue of Minnesota Medicine, out this week.

The compound, uracil mustard, is comparable in effectiveness to nitrogen mustard, a drug which has been used for the past 15 years mainly in the treatment of widespread lymphomas, which are malignant tumors of the glandular systems, including Hodgkin's disease.

Principal advantages of the new drug, according to Dr. B. J. Kennedy, associate professor of medicine, are in its simplicity of administration and in the milder side reactions which it produces.

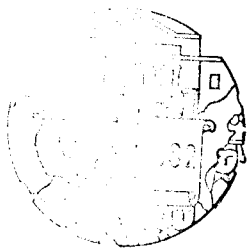
Nitrogen mustard must be given intravenously and requires four to six days of hospitalization, Dr. Kennedy said. It usually causes such side reactions as nausea, vomiting and lowered blood count. Uracil mustard, on the other hand, is given in capsule form, by mouth, and is taken by the patient at home for only three days. (Subsequent courses of the medicine are given as needed). It usually produces no stronger side effects than loss of appetite or some nausea, Dr. Kennedy said.

Of 47 patients with chronic lymphatic leukemia, Hodgkin's disease or lymphoblastoma who received the drug, improvement occurred in 31 of the patients, the article reports. A significant prolongation of life was noted in those benefited by the drug. The article cited the case of one patient who received one three-day course of the medicine two and one-half years ago. His tumor disappeared and he has had no further treatment.

Dr. Kennedy, who has been assisted in his two-year study by Dr. Athanasios Theologides, fellow in medicine, emphasized that such chemotherapy is not a "cure" for these tumors, but provides considerable advance in the control of these diseases. He said uracil mustard is still regarded as a research compound and is not yet on the market.

The drug was developed by a pharmaceutical company and given to the University for testing. It has also been tested in Los Angeles and by the United States Public Health service.

Further investigations are underway, Dr. Kennedy said, in an attempt to further strengthen the effect of uracil mustard by combination with other chemicals.



1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

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'U' PROFESSOR WRITES
TEXTBOOK ON
AIR CONDITIONING

(FOR IMMEDIATE RELEASE)

James L. Threlkeld, mechanical engineering professor at the University of Minnesota, is the author of a new text book, "Thermal Environmental Engineering", to be published by Prentice-Hall in March.

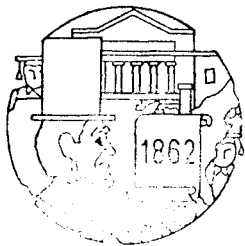
The 512-page text is described by its publishers as a "rigorous and thorough approach to the fundamentals of controlling the thermal environment within enclosed spaces".

Professor Threlkeld teaches courses in air conditioning and refrigeration at the University and is a frequent contributor to technical publications in this field.

He received bachelor of science and master of science degrees from Iowa State college, Ames, Iowa, and earned the doctor of philosophy degree in mechanical engineering at the University of Minnesota in 1953. He has been on the University faculty since 1950.

In 1956, Professor Threlkeld received the Wolverine award from the American Society of Refrigerating Engineers.

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FEBRUARY 20, 1962

CANCER BIOLOGY
LECTURE SET AT 'U'

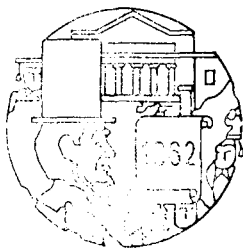
(FOR IMMEDIATE RELEASE)

Dr. Herbert C. Stoerk, director of experimental pathology at the Merck Institute for Therapeutic Research, Rahway, New Jersey, will lecture at 12:30 p.m. Monday (Feb. 26) in Room 104 Jackson hall at the University of Minnesota.

Dr. Stoerk, who has distinguished himself in many fields of experimental pathology, will speak on "Parathyroid-Adrenal Interrelation". His lecture topic is related to research he has done to understand the changes in bone structure associated with excessive blood levels of certain adrenal gland hormones.

The public lecture is sponsored by the cancer biology division of the University's pathology department and the department of concerts and lectures.

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DIETETICS, WEIGHT
CONTROL TOPICS OF
'U' INSTITUTE

(FOR IMMEDIATE RELEASE)

Dr. Dena C. Cederquist, home economics department head at Michigan State university medical school, East Lansing, Mich., will be guest speaker at a two-day Institute in Clinical Dietetics Monday and Tuesday (Feb. 26-27) at the University of Minnesota Center for Continuation Study.

She will speak on "Physiological Aspects of Weight Control" at 11 a. m. Monday and on "The Role of Educational Materials in Nutrition" at 11:15 a. m. Tuesday.

Other topics to be covered in the institute will be low cholesterol and low fatty acid diets, diabetes, nutrition education, kidney problems in the child, the effect of medications on nutrition and diet in patients with the spastic colon syndrome. Among other speakers will be Mrs. Ancel Keys, wife of the University of Minnesota physiologist who has been a leading advocate of low cholesterol diets. Mrs. Keys will discuss the palatability of such diets.

Registration applications may be obtained from the Center for Continuation Study.

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100 CHESS PLAYERS
DUE FOR STATE
TOURNEY AT 'U'

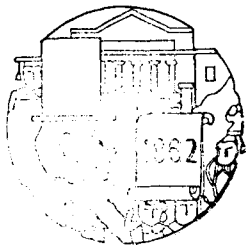
(FOR IMMEDIATE RELEASE)

Approximately 100 chess players will take part in the annual Minnesota State Chess tourney Friday, Saturday and Sunday (Feb. 23-25) at the University of Minnesota.

The tourney, co-sponsored by the Minnesota State Chess association and the Coffman Memorial Union Board of Governors, will be held in the Union main ballroom. Hours of play will be from 7 p. m. to 1 a. m. Friday, and from 8 a. m. to 1 a. m. Saturday and Sunday. While an entry fee will be required from players, the tourney is open free to the public.

Last year's champion, D. Burnham Terrell, associate professor and chairman of the University's philosophy department, will defend his title at the tourney. Also favored is last year's student champion, Norris Weaver, 7544 Blaisdell ave., S., Minneapolis, who recently placed high in competition in the United States International Collegiate championship play in Washington, D. C.

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1862 - CENTENNIAL - 1962
OF THE LAND - GRADUATE SCHOOL

UNIVERSITY OF MINNESOTA
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'ROCK MECHANICS'
TOPIC OF 'U'
LECTURE TUESDAY

(FOR IMMEDIATE RELEASE)

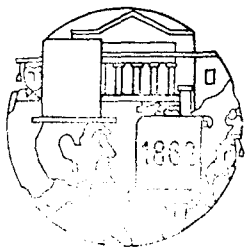
"Recent Advances in Blasting and Rock Mechanics" will be the topic of the eighth distinguished lecture in geophysics to be given Tuesday (Feb. 27) at 7:30 p. m. in Murphy hall auditorium at the University of Minnesota.

Wilbur Duvall, chief of the section on mineral and mining research of the applied physics branch, United States Bureau of Mines, will deliver the public lecture sponsored by the school of mines and metallurgy and the departments of mechanical engineering and concerts and lectures.

Under Duvall's direction in the mines bureau, important advances have been made in understanding the mechanism of blasting and of rock fragmentation, particularly by the use of high speed motion pictures.

Duvall is a graduate of the University of Maryland and has done graduate work there and at Amherst college, Amherst, Mass., and George Washington university, Washington, D. C.

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OF THE LAND-GRANT ACT

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'U' ENGLISH INSTRUCTOR
RECEIVES DOCTORAL
STUDY GRANT

(FOR IMMEDIATE RELEASE)

John S. Shea, University of Minnesota English instructor, has been selected as one of 40 collegians throughout the country to receive 1962 Danforth Foundation teacher study grants, according to Pressley C. McCoy, foundation associate director.

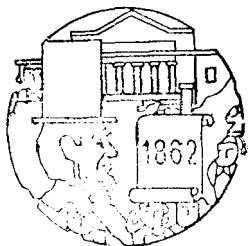
Shea, 3408 Irving ave. S., Minneapolis, will use the grant at the University during the 1962-63 academic year, he said, to work on his doctoral thesis on 18th Century English literature.

The successful candidates were chosen from 425 nominations provided by deans of accredited senior colleges in the United States. Selection was made on the basis of academic ability, personal qualities promising success in teaching and religious commitment and inquiry in the candidate's own faith.

Each year a conference focusing on problems in teaching and education is arranged for grant recipients. In 1962 the conference will be held in August at Camp Miniwanca, the grounds of the American Youth foundation, Shelby, Michigan.

This is the eighth year that the Danforth foundation, St. Louis, Mo., has made the grant.

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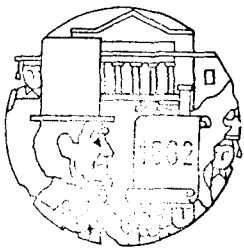
MUSEUM TO SHOW
MARSH AND
WOODLOTS FILM

(FOR IMMEDIATE RELEASE)

Plant and animal life in marshes and woodlots will be shown in two color films at 3 p. m. Sunday in the Minnesota Museum of Natural History auditorium at the University of Minnesota.

The free program will first show viewers an intimate study of life above and below the surface of marsh waters typical of those found in the upper Mississippi valley area. In the second film, life in the woodlots will be pictured, showing the habits and interrelationships of plants, animals, birds and insects. The film is narrated by a farmer who illustrates how the woodlot, often just a few acres of woods amidst widespread farmlands, affects the life of the farm.

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SAFETY ENGINEERS
TO HOLD NINTH
INSTITUTE AT 'U'

(FOR IMMEDIATE RELEASE)

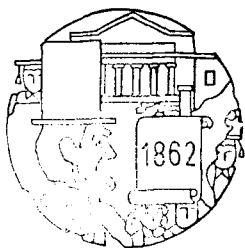
New concepts of safety in industry, construction and atomic energy installations will be presented at the ninth annual Institute in Advanced Safety Engineering Tuesday and Wednesday (Feb. 27-28) at the University of Minnesota Center for Continuation Study.

The Institute will be conducted by the Center in cooperation with the Northwest Chapter of the American Society of Safety Engineers.

Included in the lecture topics on Tuesday will be "Safety in Larger Nuclear Installations" by William J. Larson, Argonne National Laboratory, Argonne, Ill.; "Safety Aspects of Metal Working" by Don F. Brady, The Maytag company, Newton, Ill.; and "Safety and Accident Prevention in Small Business Firms" by Clyde F. Schleuter, Employers Mutual Liability Insurance company, Wausau, Wis.

Safety education of university students will be discussed by Lowell B. Fisher, North Central Association of Colleges and Secondary Schools, University of Illinois, Urbana, Ill.

On Wednesday, John V. Otter, of the Morrison-Knudson company, Boise, Idaho, will speak on "Safety in Construction"; Rael N. Papich, American Gas association, New York City, N. Y., will discuss "Through Track to Accident Investigation" and Velvl W. Greene, General Mills electronic division, will speak on "Movement of Microbodies".



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FEBRUARY 23, 1962

ASSESSORS' SCHOOL
AT 'U' FEB. 28-MAR. 2

(FOR IMMEDIATE RELEASE)

From 225 to 260 Minnesota assessors will attend the annual assessors' school at the University of Minnesota Feb. 28-March 2.

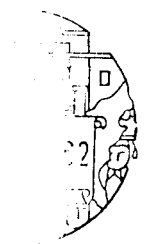
All general sessions of the school, jointly sponsored by the University's Center for Continuation Study and the general extension division, will be held in the Armory, directly across 17th ave., S. E., from the Center.

Programmed highlights for the assessors' school include the Wednesday (Feb. 28) afternoon discussion of "Areas of Study for Improvement of Property Tax Structure" by Rolland F. Hatfield, Minnesota state commissioner of taxation. Also included will be demonstration appraisals of resort property, an old hotel, a mobile home trailer court and a drive-in eating establishment.

In addition to University faculty members directing and taking part in the program, the school's faculty will include state officials from Minnesota, Wisconsin and South Dakota as well as city and county assessors and appraisers from Minnesota counties and municipalities.

Information regarding the school and application blanks may be obtained from the Center for Continuation Study, General Extension division, University of Minnesota, Minneapolis 14.

-UNS-



FEB 23 - 1962
CRANT ACT

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
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FEBRUARY 23, 1962

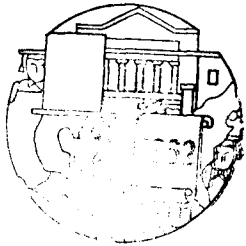
FHA OFFICIAL
TO SPEAK AT 'U'

(FOR IMMEDIATE RELEASE)

M. Carter McFarland, assistant commissioner of the Federal Housing Administration, Washington, D. C., will lecture to architecture students and the public at 4 p. m. Friday (March 2) in Murphy hall auditorium at the University of Minnesota.

He will speak on "Urban Conservation and Rehabilitation--Some Economic Realities".

-UNS-



1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

UNIVERSITY OF MINNESOTA
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FEBRUARY 23, 1962

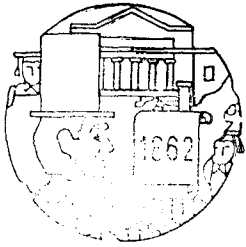
LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF FEB. 25-MARCH 4

- Sunday, Feb. 25 --- "Life of Our Marshes and Woodlots", color sound film, 3 p.m., Minnesota Museum of Natural History auditorium. Free.
- Honeywell lecture series program: "The Exploration of the Solar System", by William H. Pickering, director of the Jet Propulsion laboratory, California Institute of Technology, and the ballet, "Scheherazade", performed by Andahazy Ballet Borealis company. 3:30 p.m., Northrop Memorial auditorium. Free, open to public.
- University gallery: Art Department Faculty Exhibition, fourth floor; John Rood Sculpture collection, room 307; French Printmakers, east gallery. Northrop Memorial auditorium, 2-5 p.m. Free, open to public.
- Minnesota State Chess tourney, 8 a.m.-1 a.m., Coffman Memorial Union main ballroom. Entry fee for players. Open to public.
- Monday, Feb. 26 --- University gallery; Art Department Faculty Exhibition, fourth floor; John Rood Sculpture collection, room 307; French Printmakers, east gallery. Northrop Memorial auditorium. Open weekdays during school hours.
- Dr. Herbert C. Stoerk, director of experimental pathology at the Merck Institute for Therapeutic Research, Rahway, N. J., lecturing on "Parathyroid-Adrenal Interrelation". 12:30 p.m., Room 104, Jackson hall. Free, open to public.
- University theater: "Henry IV, Part One", 8 p.m., Scott hall auditorium. Admission.
- Tuesday, Feb. 27 --- "Recent Advances in Blasting and Rock Mechanics", lecture by Wilbur Duvall, Applied Physics Branch, U.S. Bureau of Mines. 7:30 p.m., Murphy hall auditorium. Free, open to public.
- Ceylon National Dancers, benefit for International Student Center. 8:30 p.m., Northrop Memorial Auditorium. Admission.
- University theater: "Henry IV, Part One", 3:30 p.m. and 8 p.m. Scott hall auditorium. Admission.

(MORE)

- Wednesday, Feb. 28--- "Political Strategies and Arms Control", three-day public program and seminar. First session: Leonid Hurwicz, economic statistics department chairman, speaking on "The Contribution of the Theory of Games to Armaments Strategy". Discussion following with David Cooperman, associate professor of interdisciplinary studies, and Frank Sorauf, assistant professor of political science. 3:30-5:30 p.m., men's lounge, Coffman Memorial Union. Free, open to public.
- University theater: "Henry IV, Part One", 8 p.m., Scott hall auditorium. Admission.
- Thursday, March 1 --- Second session, "Political Strategies and Arms Control". Arnold Rose, professor of sociology, moderator, speaking on "The Nature of Conflict". Also Mulford Q. Sibley, political science professor, "The Case for Unilateral Disarmament"; Werner Levi, political science professor, "The Political Feasibility of Disarmament"; and William Flanigan, political science instructor, "Arms Control: An Alternative to Disarmament". 3:30 p.m.-5:30 p.m., men's lounge, Coffman Memorial Union. Free, open to public.
- University theater: "Henry IV, Part One", 8 p.m., Scott hall auditorium. Admission.
- Friday, March 2 --- Third session, "Political Strategies and Arms Control". Professor John H. Williams, physics, and Professor Maurice B. Visscher, physiology department head, discussing the scientific problems of arms control and nuclear war. 3:30 p.m.-5:30 p.m., men's lounge, Coffman Memorial Union. Free, open to public.
- M. Carter McFarland, assistant commissioner of federal housing administration, Washington, D.C., lecturing on "Urban Conservation and Rehabilitation--Some Economic Realities", 4 p.m., Murphy hall auditorium. Free, open to public.
- University theater: "Henry IV, Part One", 8 p.m., Scott hall auditorium. Admission.
- Saturday, March 3 --- University theater: "Henry IV, Part One", 7 p.m. and 10 p.m., Scott hall auditorium. Admission.
- Sunday, March 4 --- "Dutch Elm Disease", lecture by David French, associate professor of plant pathology, 3 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.
- University theater: "Henry IV, Part One", 3:30 p.m. Scott hall auditorium. Admission.
- "After Curtain", review and discussion of "Henry IV, Part One" by Robert Moore, English professor, 8 p.m., Mayo Memorial auditorium. Free, open to public.
- University gallery: Opening: "Pottery", a group of European, Far Eastern and American ceramics, and International Graphic Arts Society prints by American and European artists. Last day of faculty art department exhibition and John Rood sculpture collection. 3rd floor, Northrop Memorial auditorium, 2-5 p.m.



1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

UNIVERSITY OF MINNESOTA
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FEBRUARY 26, 1962

FILM TO SHOW
DUTCH ELM
DISEASE THREAT

(FOR IMMEDIATE RELEASE)

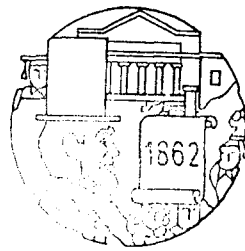
Considerable loss in shade elm trees in the Twin Cities and Minnesota can be expected unless preventative measures are taken against Dutch elm disease, according to David French, associate professor of plant pathology at the University of Minnesota.

Professor French will present a free color-sound film on the subject at 3 p. m. Sunday in the Minnesota Museum of Natural History auditorium. He will preface the film with a short talk on the distribution of the disease in Minnesota.

Dutch Elm disease, which was introduced into this country in 1930 officially (but may have been here as early as 1926), did not reach Minnesota until last year. According to Professor French, it poses an extremely serious threat to Minnesota elm trees, and he expects substantial loss in shade tree elms unless its spread is prevented.

A new exhibit showing the nature of Dutch elm disease and how it can be combatted is now on display at the Museum.

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UNIVERSITY OF MINNESOTA
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Federal 2-8158 EXT. 6700
FEBRUARY 26, 1962

'U' CONFERENCE
TO BRING ENGINEERS
FROM 3 STATES

1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

(FOR IMMEDIATE RELEASE)

New Ideas in Plant Engineering will be explored at a two-day conference March 26 and 27 at the Center for Continuation Study at the University of Minnesota.

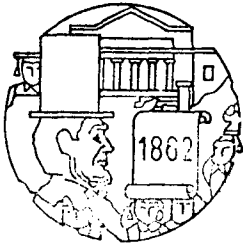
Announcements of the second annual conference, which is being presented in cooperation with the Twin City Plant Engineers society, have been mailed to almost 4,000 persons in three states. The conference is designed for plant and industrial engineers, maintenance supervisors and others engaged in planning, selecting, designing, installing and maintaining plant, equipment and other facilities.

The conference will present innovations in and techniques for such items as project estimating and data processing. It will also acquaint engineers with tools recently developed to simplify their jobs and attain company objectives.

Bernard J. Robichaud, superintendent of maintenance and plant services, The Toni company, St. Paul, will preside.

Appearing on the March 26 program will be Otto Gravin, vice president for production, Donaldson Company, Inc., St. Paul; Frank H. Zoeller, assistant supervisor, property records department, Allis-Chalmers Manufacturing company, Milwaukee, Wis.; George Young, project and standards superintendent, Chemstrand corporation, Pensacola, Fla.; Donald Chapman, Grover-Diamond Associates, Inc., St. Paul; and Homer M. Bird, Bird and Associates, Osseo.

On March 27, Kenneth L. Dean, supervisor, program planning, Remington Rand Univac, St. Paul, will open the program. Also lecturing on that day will be Carl Morris, manager, manufacturing research and facilities evaluation, Whirlpool corporation, Evansville, Ind.; F. A. Dieter, superintendent, plant engineering, Parke Davis and company, Detroit, Mich.; and Charlet T. Bingham, assistant plant engineer, Thompson-Ramo-Wooldridge, Inc., Cleveland, Ohio.



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OF THE LAND - GRANT

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FEBRUARY 27, 1962

'U' COUNSELING HEAD
AIDE TO TAKE
COLORADO POST

(FOR RELEASE THURSDAY, MARCH 1)

Minneapolis --- Theodore C. Volsky, Jr., assistant director of the University of Minnesota student counseling bureau, will leave his post July 1 to become director of counseling and testing at the University of Colorado, Boulder.

Volsky's new appointment was announced Thursday (March 1) by Arthur Kiendl, dean of students at the University of Colorado.

Volsky has been a member of the office of the dean of students staff at Minnesota since 1952. He served as a clinical fellow for two years and was named senior student personnel worker in 1954. He was promoted to assistant professor of psychology in 1958 and was named assistant director of the student counseling bureau in 1960.

A native of Pittsfield, Mass., Volsky was graduated from Kansas State college with a bachelor of science degree in 1951 and a master of science degree in 1952. He received the doctor of philosophy degree from the University of Minnesota in 1958.



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OF THE LAND - GRANT ACT

UNIVERSITY OF MINNESOTA
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FEBRUARY 27, 1962

'U' RECEIVES
\$262,507 IN
RESEARCH GRANTS

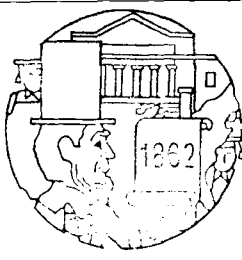
(FOR IMMEDIATE RELEASE)

Ten research grants, totalling \$262,507 were awarded to the University of Minnesota in January by the United States Public Health service, according to a report issued this week.

The amounts represent only money to be paid for 1962. Many of the grants, however, will continue for more than one year to finance long-range research projects.

The University also received a five-year research career award which will finance the salary of Dr. Paul G. Quie, assistant professor of pediatrics, while he carries out research in chronic diseases. In June, Dr. Quie will go to the Rockefeller Institute, New York City, for two years as a guest investigator working with host factors in resistance to bacterial disease.

Named as investigators for the 10 research grants are Dr. Ramon M. Fusaro, instructor in medicine; James F. Koerner, assistant professor of physiological chemistry; Dr. Arnold Lazarow, professor and head of the anatomy department; Dr. James P. Lillehei, assistant professor of medicine; Rufus Lumry, physical chemistry professor; Dr. Arthur Page, resident fellow in pediatrics; Fred Smith, agricultural biochemistry professor; Dr. Wesley W. Spink, professor of medicine; Murray A. Straus, home economics and sociology professor; and Dr. F. H. Van Bergen, professor and head of the anesthesia department.



PUBLIC HEALTH
NURSES INSTITUTE ON
RETARDED SET AT 'U'

1862 - CENTENNIAL - 1962
OF THE LAND - GRANT

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
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FEBRUARY 28, 1962

(FOR IMMEDIATE RELEASE)

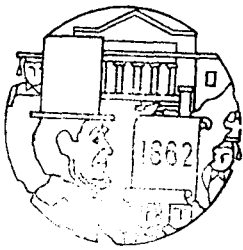
Public health nurses will be brought up to date on problems of "The Mentally Retarded in the Home" at a training institute Thursday and Friday (March 8 and 9) at the University of Minnesota Center for Continuation Study.

The institute is designed to help public health nurses answer parents' inquiries on home training, community resources and related problems for mentally retarded persons who live at home. It will be held in cooperation with the Minnesota State Board of Health and the Minneapolis Association for Retarded Children (MARC).

Mrs. Laura L. Dittmann, specialist in growth and development of handicapped children for the United States Children's bureau, Washington, D. C., will be a guest member of the faculty. She will speak on "Home Training" at the Thursday session, moderate a panel discussion Friday and comment on a film to be shown on "The Public Health Nurse and Mental Retardation".

The institute also will present a panel of parents on Thursday composed of Russell Sarner, MARC president, chairman; Mrs. James H. Anderson and Mrs. John Regnier, Minneapolis, and Mrs. Richard Hall, St. Paul. The panel discussion will follow a talk on "Parents' Adjustment of Having a Retarded Child" by Dr. Arnold Anderson, Minneapolis physician.

Others appearing on the institute program will be Harriet Blodgett, program director, Sheltering Arms; Frances M. Coakley, supervisor, section for mentally deficient and epileptic, Minnesota department of public welfare; Betty Hubbard, executive director of the St. Paul Association for Retarded Children; Gordon Christian, MARC executive director, and Barbara Stocking, assistant professor, University school of public health.



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OF THE LAND - GRANT ACT

UNIVERSITY OF MINNESOTA
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MARCH 1, 1962

'U' HISTORY PROFESSOR
TO DO RESEARCH IN
EUROPE UNDER GRANT

(FOR IMMEDIATE RELEASE)

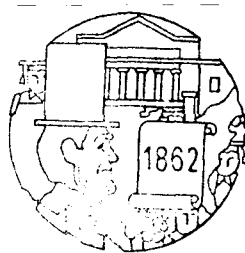
Ralph E. Gieseey, assistant professor of history at the University of Minnesota, will spend four months in Europe next summer under a \$1,950 grant from the Rockefeller Foundation, it was announced today.

Professor Gieseey will leave in June for Paris, France, and Basle, Switzerland, to study original manuscripts and other materials written by Francois Hotman, 16th century writer who was the leading French Protestant political thinker at the time of the French political wars.

The research will be part of Professor Gieseey's work in preparing a variorum edition (reducing several versions of a text into one text) of Hotman's "Franco-Gallia", originally written in 1573.

He will leave for Europe in June.

-UNS-



'U' TO DEDICATE
NEW LABORATORIES
DURING ELECTRONICS WEEK

1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

UNIVERSITY OF MINNESOTA
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MINNEAPOLIS 14, MINNESOTA
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MARCH 1, 1962

(FOR RELEASE SUNDAY, MARCH 4)

Four new graduate research laboratories in electrical engineering will be dedicated at the University of Minnesota Thursday (March 8) as part of the University's observance of Minnesota Electronics Recognition Week, March 4-10.

The laboratories were financed by a \$21,500 grant from the National Science Foundation and a matching grant from Minneapolis Honeywell Regulator company. They contain equipment worth more than \$65,000 purchased through other individual grants.

The new facilities will help meet a critical need for research space in the electrical engineering department which has resulted from a sharp jump in graduate enrollment and a greatly increased tempo of electronics research during the past few years, according to Professor William G. Shepherd, department head. This fall's graduate students in electrical engineering number 187, including 53 in a new evening program, compared to 75 four years ago.

Besides permitting expanded graduate research activity, the new laboratories will make possible several new studies on the properties of semiconductors used in electronics. Two of the four laboratories will be devoted to research on semiconductors. The other two will be used for studies on magnetic materials.

A commemorative plaque outside the laboratories will be unveiled by Professor Shepherd at 1:30 p.m. at Room 335 Electrical Engineering. The dedication will be preceded by a noon luncheon in Room 307 Coffman Memorial Union to which Governor Elmer L. Andersen, representatives of the National Science Foundation, Minneapolis Honeywell and several other Twin Cities electronics firms have been invited.

(MORE)

Representing the University at the luncheon will be members of the Board of Regents; President O. Meredith Wilson; Laurence R. Lunden, business administration vice president; Stanley J. Wenberg, vice president and administrative assistant; Dean Bryce Low Crawford, Jr., of the graduate school; Acting Dean Frank Verbrugge of the Institute of Technology; Edwin L. Haislet, director of alumni relations; and several faculty members.

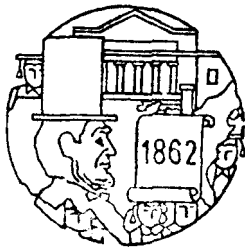
Minnesota Electronics Recognition Week, proclaimed by Governor Andersen, will focus attention on the accomplishments and potential of the electronics industry in the state as well as on the contributions made by the academic community to its development.

Dedication of the new laboratories will highlight a day-long open house in the Electrical Engineering building. Most of the department's 25 research laboratories will have equipment in operation to demonstrate studies being undertaken by various graduate students and faculty. Staff members and students will be on hand to explain each of the projects.

Students from 70 senior high schools in the Minneapolis, St. Paul and suburban area have been invited to attend the open house as well as to visit downtown bank exhibits set up by the Minnesota State Committee on Electronics Industries, of which Professor Shepherd is chairman.

Much of the equipment in the University electrical engineering laboratories was developed and built by the students themselves to carry out specialized experiments. Among this equipment is a custom-built computer to study what happens to sound signals when they go through turbulence and a mass spectrometer to analyze the ions in gaseous plasmas such as are formed when a satellite re-enters the earth's atmosphere from orbit preventing radio communication for a brief interval.

The principle of satellite communication will be demonstrated in the School of Architecture building court. This experiment will simulate the way in which microwaves may be transmitted by "line of vision" communication, using huge dish antennas, between a satellite and communications stations on the ground along its orbital path.



1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

ANESTHESIOLOGY
COURSE TO OPEN
AT 'U' MONDAY

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
MINNEAPOLIS 14, MINNESOTA
FEderal 2-8158 EXT. 6700
MARCH 2, 1962

(FOR IMMEDIATE RELEASE)

A three-day continuation course in anesthesiology will open Monday (March 5) at the University of Minnesota Center for Continuation Study.

Visiting faculty will include three noted anesthesiologists:

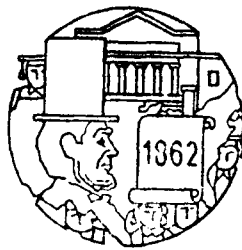
Dr. Harold R. Griffith, professor emeritus of McGill university faculty of medicine, Montreal, Canada; Dr. M. T. Jenkins, anesthesiology department chairman at University of Texas Southwestern Medical school; and Dr. C. R. Stephen, Duke University school of medicine.

Dr. Griffith will open the course at 8:45 a. m. Monday with a report on "The Changing Pattern of Anesthesiology".

The course will be presented under the direction of Dr. Frederick H. Van Bergen, University of Minnesota anesthesiology department head, and Dr. James H. Matthews, assistant professor. Remainder of the faculty will include members of the University medical school staff and the Mayo Foundation.

-UNS-

COMPUTER 'LIBRARY'
STUDIED BY 'U'
DIABETES RESEARCHERS



1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
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MARCH 2, 1962

(FOR IMMEDIATE RELEASE)

Someday, scientists working in diabetes research may be able to feed questions into an electronic computer and receive, in a matter of minutes, specific information that it now takes days to uncover in a medical library.

A study into the feasibility of putting computers and other modern electronic machines to this use is currently underway, directed by Dr. Arnold Lazarow, head of the University of Minnesota anatomy department. The study involves the University and three other institutions throughout the country.

Under a \$170,405 grant from the United States Public Health service, the cooperative project will study the problems, methods and applications of modern computer techniques in the machine retrieval of diabetes-related literature.

Sponsored jointly by the American Diabetes association and the University of Minnesota, the study will involve the participation of the Documentation Center at Western Reserve university, Cleveland, Ohio, the National Library of Medicine, Washington, D. C., and the University of Rochester, Rochester, N. Y.

Of the total grant, \$66,278 will be spent at the University of Minnesota, \$85,636 at Western Reserve, and \$18,492 at the University of Rochester.

At the present time, Dr. Lazarow explained, when a diabetes research investigator needs background information about the field in which he is working, he consults a library---or libraries---an undertaking which may take hours or days of valuable time.

If he could "ask" an electronic computer such questions as "who has been working in this particular field?" "what are their findings?" and "what has been written about it?", it would be an invaluable assist in furthering the advance of diabetes research, Dr. Lazarow said.

(MORE)

The study will be carried out at three levels, Dr. Lazarow said:

First, scanning of the world's entire medical literature---approximately 200,000 articles each year---and classification of it in a broad, general way. This type of classification is currently being carried out by the National Library of Medicine.

Secondly, identification of all articles related to diabetes---usually about 2,500 yearly---which, at present, is the responsibility of Dr. Joseph Izzo, of the University of Rochester. These 2,500 articles will be analyzed in great detail and the information put into computers at Western Reserve Documentation Center.

Third, a still more detailed classification of material aimed at providing the individual research investigator with literature related to his specific area of interest.

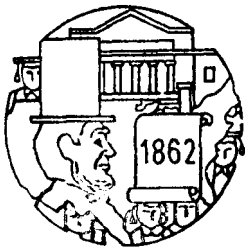
The University's role in the project will be a pilot study of the third level to discover what can be done to provide diabetes research investigators with highly specialized information through use of computers. Material from the first and second levels will be drawn on in this study, Dr. Lazarow said.

He pointed out that the individual investigator may be interested in only about 200 articles a year, but he needs extensive detail in terms of the content of each article. If it were possible to record this information in computers, Dr. Lazarow said, an investigator would be able to find articles he recalled reading several years before and could pinpoint the exact information he needed.

Eventually, the University's study will involve use of the University's computer center. Dr. Lazarow emphasized that the project is not attempting to set up a service now but only to study the possibility of such a step.

"Ultimately, it may come", he said.

The work involves the services of personnel trained in both library and computer techniques as well as literature scientists who understand scientific aspects of diabetes problems.



1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

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MARCH 2, 1962

FOOD MANAGEMENT
COURSE SET AT 'U'
MARCH 12-13

(FOR IMMEDIATE RELEASE)

Top experts in the restaurant business will be on the faculty for a University of Minnesota institute on food management March 12 and 13 at the Center for Continuation Study.

The institute, designed to provide practical management ideas and suggestions for restaurant operators, will be conducted by the Continuation center in cooperation with the Minnesota Hotel and Motel association, Minnesota Restaurant association, Minnesota Resort association and Minneapolis Restaurant association.

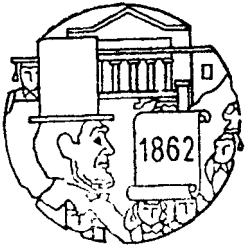
Among guest speakers will be Arthur H. Jenkins, Chanhassen, Minn., management consultant for hotels, motels, restaurant and clubs; Allan T. Kaplan, instructor at Michigan State university school of hotels and restaurant management; and Ralph D. Kuehl, director of personnel and training at Bishop-Stoddard Cafeteria company, Cedar Rapids, Iowa.

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UNIVERSITY OF MINNESOTA
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FEDERAL 2-8158 EXT. 6700
MARCH 2, 1962

LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS
WEEK OF MARCH 4-11

- Sunday, March 4 --- "Dutch Elm Disease", lecture and color slides by David French, University of Minnesota plant pathologist, 3 p.m., Minnesota Museum of Natural History auditorium. Free.
- Annual winter quarter concert of University Symphony orchestra, 3:30 p.m., Northrop Memorial auditorium. Free.
- University theater: Final performance, "Henry IV, Part One", 3:30 p.m., Scott hall auditorium. Admission.
- University gallery: Opening: "Pottery" and "International Graphic Arts Society" prints by American and European artists. Third floor corridor. Continuing exhibitions: Faculty art department exhibition, fourth floor galleries, through March 11. John Rood Sculpture collection, third floor, east gallery, through April 7. Northrop Memorial auditorium. Open Sunday, 2-5 p.m.; open weekdays during school hours.
- "After Curtain", review and discussion of "Henry IV, Part One" by Robert Moore, English professor. 8 p.m., Mayo Memorial auditorium. Free, open to public.
- Monday, March 5 --- Senior recital, soprano Phyllis Gay, 8 p.m., Scott hall. Free.
- Tuesday, March 6 --- Master of fine arts thesis exhibition: Lawrence Hanson, Sculpture. Coffee hour: 2:30-4 p.m. University gallery, Northrop Memorial auditorium. Open until April 6. Free.
- Thursday, March 8 --- Geology lecture: "Isotopic Studies on Meteorites" by Peter Signer, assistant professor of physics, and Paul Gast, associate professor of geology. 7:30 p.m., Murphy hall auditorium. Free, open to public.
- "Inborn Errors of Metabolism", lecture by Dr. David Y. Y. Hsia, Children's Memorial hospital, Chicago, Ill., 4 p.m., Mayo Memorial auditorium. Free, open to public.
- Dedication of four new electrical engineering laboratories, 1:30 p.m., and open house, 1:30-5 p.m., in observance of Minnesota Electronics Recognition Week. Electrical engineering building. Free, open to public.
- Bernhard D. Weiser, pianist, in annual benefit concert for Sigma Alpha Iota, honorary music sorority. 8:30 p.m., Scott hall auditorium.
- Sunday, March 11 --- "Let's Keep Some Wild Lands Wild", color sound film, 3 p.m., Minnesota Museum of Natural History auditorium. Free.



1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

UNIVERSITY OF MINNESOTA
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FEderal 2-8158 EXT. 6700
MARCH 7, 1962

FILMS TO SHOW
NEED FOR MORE
COUNTY PARKS

(FOR IMMEDIATE RELEASE)

Two films showing the need for reserving some of America's wild lands for recreational uses will be shown at 3 p.m. Sunday (March 11) at the Minnesota Museum of Natural History at the University of Minnesota in a free program titled "Let's Keep Some Wild Lands Wild".

The first film, "An Island in Time", pictures a small wild section along the California seashore which naturalists are trying to save from exploitation for commercial purposes.

The second film has a local setting in Minneapolis and Hennepin county. Produced by J. W. Wilkie, a Hennepin county park reserve district commissioner, the film shows what is left of natural wild life areas in and around Hennepin county and how urbanization is rapidly taking over. Wilkie says that unless land is set aside in the next few years to establish large county wild life parks, there soon will be no land left for this purpose.

The film also includes a sequence on how the Minneapolis park board got its start,

-UNS-

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
MINNEAPOLIS 14, MINNESOTA
FEderal 2-8158 EXT. 6700
MARCH 7, 1962

MILD THREATS MORE PERSUASIVE
WITH CHILD, 'U' PSYCHOLOGIST FINDS

(FOR IMMEDIATE RELEASE)

If you want Junior to stop hitting his little brother, don't threaten to "beat the tar out of him". A mild threat of punishment will probably have a much more lasting effect.

If a person undergoes a very arduous or even unpleasant initiation before joining a group, his liking or esteem for the group will be increased.

These are just two of the findings reported by a new, young associate professor of psychology at the University of Minnesota whose general area of interest is persuasion, propaganda, brainwashing and thought control.

Elliot Aronson, who came to Minnesota in February from Harvard university, is conducting his experiments under a \$9,600 grant from the National Science Foundation (NSF). The grant was received by the University to allow Aronson to continue studies begun at Stanford university, where he received the doctor of philosophy degree in 1959, and at Harvard.

Aronson believes that if a person is threatened with punishment in order to stop him from doing something, the smaller the threatened punishment, the more lasting will be the effect.

He based this prediction on the theory of cognitive dissonance, originated by Leon Festinger, a Stanford university psychologist, who was once a University of Minnesota faculty member. Festinger's theory states that when an individual holds two differing ideas at the same time, he is mentally uncomfortable and attempts to reduce the incompatibility of the ideas by changing one or both of them or by introducing a new idea.

(MORE)

From this theory, Aronson predicted that if a person could be stopped from doing something he liked to do without threatening him too severely, he would suffer mental discomfort because his first idea (the fact that he liked what he was doing) would be incompatible with his second idea (the knowledge that he had stopped doing it without good enough reason). Since the person could not use fear of severe punishment as an explanation of his behavior, Aronson says, the person would seek to alleviate his discomfort by finding some other justification, such as telling himself that the act really was not good.

This type of mental manipulation, Aronson believes, can be valuable in exercising social control over children and adults. But the trickiest part of making the theory work, Aronson points out, is determining a punishment that is severe enough to induce the desired behavior, but mild enough so that it doesn't provide adequate justification for the behavior. This can only be done by experimentation, he said, starting with a fairly mild threat and working toward severity until the right balance point is reached.

In an experiment just completed at Harvard university, Aronson tested his theory on a group of nursery school children. He found that when children were threatened with severe punishment if they played with a certain favorite toy, they did not touch it immediately following the threat; but in later tests, their liking and interest for the toy did not diminish, and in some cases, it increased.

However, when the children were only threatened with mild punishment (the experimenter would be "annoyed" if the child played with the toy), they not only did not play with it, but later tests showed that a substantial number of children decreased their liking for the toy. This demonstrates, Aronson explains, that when the child could not "blame" his action on fear of punishment, he justified his actions to himself by degrading his opinion of the toy.

(MORE)

By the same token, Aronson says, when an adult finds himself doing an unpleasant task for which he is insufficiently rewarded, he attempts to reduce the dissonance of the situation by magnifying the attractiveness of what he did. Thus, what was once an unpleasant task becomes, in his mind, a more attractive or at least a much more important one.

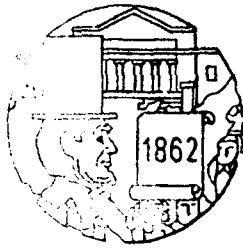
A variation of this concept was demonstrated in an experiment by Aronson in which three groups of college women were put through various degrees of initiation before joining a discussion group into which they supposedly had been invited. Members of one group underwent a very mild initiation; the second group was given a severe initiation and the third group was required to do nothing at all.

Following this initiation, the subjects were acquainted with the "discussion group" by means of a recording, and were asked to give their opinion of the discussion and the participants. Although the discussion purposely was made dull and uninteresting, the subjects whose initiation was severe gave it a high rating and their over-all evaluation was much more favorable than that of the subjects who underwent a mild initiation or none at all.

According to Aronson, this would indicate that persons who go through a great deal of trouble or pain to attain something tend to value it more highly than persons who attain the same thing with a minimum of effort.

At the University, Aronson will teach graduate courses in social psychology and systematics and will continue his research studies in the University's social relations laboratory, where he is planning a series of experiments aimed at determining why people like one another.

He also hopes to begin work with Tom Pettigrew, a Harvard social psychologist, applying some of his theories of social control to the desegregation problem in the South. Aronson believes that the milder the threat which can be used to persuade the South to accept integration, the more likely the people will come to accept it.



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MARCH 7, 1962

STATE PLANNING
CONFERENCE SET
MARCH 20 AT 'U'

1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

(FOR IMMEDIATE RELEASE)

"Guiding Change" will be the theme of the second annual State-Wide Planning conference Tuesday, March 20, on the University of Minnesota's Minneapolis campus.

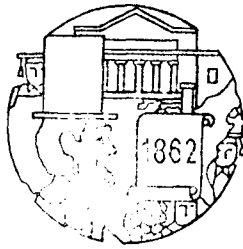
The conference, sponsored by the University in cooperation with the Minnesota Association of Planning Officials and the League of Minnesota Municipalities, will be held in Mayo Memorial auditorium, Coffman Memorial Union and the Center for Continuation Study.

More than 200 state-wide planning officials and municipal and county planning agents will attend the one-day conference. Sessions will feature panel discussions on urban and rural change and workshop discussions on "Guiding Changes in Our Counties", "Guiding Changes in Our Business Centers" and "Urban Renewal".

The annual business meeting of the Minnesota Association of Planning Officials will precede the conference, and will be held at the Continuation Center at 6 p.m., Monday, March 19. All planning officials attending the Tuesday conference are invited to attend the meeting and 6:30 p.m. dinner, at which James Maynard, Iowa state planning director, Ames, will speak on "Activities of the Iowa Planning Association".

Minnesota Governor Elmer L. Andersen will address the Tuesday morning session of the conference in Mayo auditorium, speaking on "Planning for the Future of Minnesota".

William Slayton, commissioner of the Urban Renewal Administration of the federal Housing and Home Financing agency, Washington, D. C., will speak on "Urban Renewal" at the conference noon luncheon in Coffman Union junior ballroom. Concurrent workshops on guiding changes in various fields and a closing workshop summary will close this year's conference.



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MARCH 8, 1962

FRACTURES, INJURIES
TO BE TOPICS
OF MEDICAL COURSE

(FOR IMMEDIATE RELEASE)

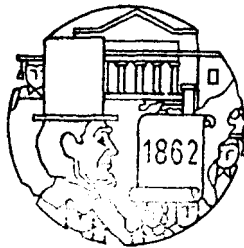
A two-day course on Fractures and Traumatic Injuries will be held for doctors Friday and Saturday (March 16-17) in Mayo Memorial auditorium at the University of Minnesota.

Sponsored by the University and the Minnesota Committee on Trauma of the American College of Surgeons, the program will include lectures on the treatment of the more common fractures of the pelvis and lower extremity and the treatment of selected fractures in children.

Guest speakers will include Drs. Walter P. Blount, head of the division of orthopedics, Marquette university school of medicine, Milwaukee, Wis.; John J. Fahey, associate professor, department of orthopedic surgery, Northwestern university medical school, Chicago, Ill.; Carroll B. Larson, head of the department of orthopedic surgery, State University of Iowa college of medicine, Iowa City, and George F. Pennal, chief of orthopedic surgery, St. Joseph's hospital, Toronto, Ontario, Canada.

The remainder of the faculty will include members of the faculties of the University of Minnesota medical school and the Mayo Foundation.

Dr. John H. Moe, director, and Dr. Paul M. Arneson, instructor in the University's division of orthopedic surgery, are directing the program.



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MARCH 8, 1962

JUSTICE KNUTSON
TO SPEAK AT
'U' COMMENCEMENT

(FOR IMMEDIATE RELEASE)

Oscar R. Knutson, chief justice of the Supreme Court of Minnesota, will speak on "The Frontiers of Tomorrow" at winter quarter commencement exercises Thursday (March 15) at the University of Minnesota.

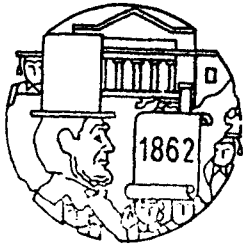
President O. Meredith Wilson will confer 628 degrees to undergraduates and graduates at 8 p. m. in Northrop Memorial auditorium.

Justice Knutson was appointed chief justice in January of this year, following 14 years as an associate justice. He is a 1927 graduate of the University of Minnesota law school, and practiced law at Warren, Minn., with Julius J. Olson, his predecessor on the supreme court.

In 1930, when Justice Olson was appointed a district judge, Justice Knutson took over his practice and continued until 1941 when he, too, was appointed a judge of the district court. In 1948, he was appointed to the state supreme court.

A President's reception for graduates, their families and friends will be held immediately after commencement exercises in Coffman Memorial Union main ballroom.

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STANFORD PSYCHOLOGIST
TO SPEAK AT 'U'

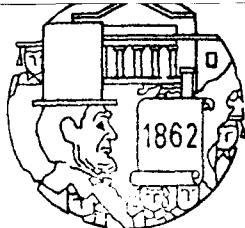
(FOR IMMEDIATE RELEASE)

"Social Learning Through Imitation" will be the topic of a free,
public lecture at 3:30 p.m. Tuesday (March 13) in Murphy Hall auditorium
at the University of Minnesota.

Dr. Albert Bandura of the department of psychology, Stanford university,
Palo Alto, Calif., will deliver the lecture which is sponsored by the
institute of child development and the department of concerts and lectures.

-UNS-

'U' FOREIGN STUDENT
PANEL TO DISCUSS
WORLD'S RELIGIONS



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MARCH 8, 1962

1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

(FOR IMMEDIATE RELEASE)

Seven religions of the world---Taoism, Jainism, Hinduism, Sikhism, Buddhism, Islam and Zoroastrianism---will be discussed by a panel of University of Minnesota foreign students at two dinner meetings in the Twin Cities this spring. Name of the newly formed panel is "Religions of the World".

The dinners, jointly sponsored by the International Center for Students and Visitors, and the University's International Student council, Minnesota Student association and Office of the Adviser to Foreign Students, will be held Tuesday, March 20 at Hennepin Avenue Methodist church, Minneapolis, and on Thursday, May 10, at Mount Zion Temple, St. Paul.

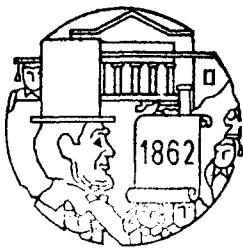
Each of the panel members of "Religions of the World", all of whom are students at the University, will make a ten-minute presentation of facts concerning his particular religion, and then will be allowed a question period, according to Josef A. Mestenhauser, assistant director of the foreign student adviser's office.

Panel members, their religion, and their native countries are: Michio Shimizu, Buddhism, Japan; Vasant Merchant, Hinduism, India; Muhammed Zubairi, Islam, Pakistan; Gian Jain, Jainism, India; Jogindar Singh Uppal, Sikhism, India; John Wang, Taoism, China; and Rhoda Vania, Zoroastrianism, Pakistan.

The panel appearing at the Minneapolis dinner March 20 will be made up of the panelists representing Taoism, Jainism, Hinduism and Zoroastrianism and will be moderated by Mestenhauser. Sikhism, Buddhism and Islam will be discussed at the meeting in St. Paul, May 10. This panel will be moderated by Robert F. Spencer, University anthropology professor.

The students' share of proceeds of the \$2.25 dinners, open to the public, will go to support of the University's International Student Exchange Program with the Free University of Berlin and Osmania university, Hyderabad, India.

Reservations for the dinners can be made either at the churches, or by calling the International Center for Students and Visitors, FE. 2-8158, Ext. 6295.



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MARCH 9, 1962

LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF MARCH 11 - 18

- Sunday, March 11 --- "Let's Keep Some Wild Lands Wild", two color sound films, 3 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.
- University gallery: "Pottery" and "International Graphic Arts Society", prints by American and European artists. Third floor corridor. "John Rood Sculpture Collection", third floor, east gallery. "Master of Fine Arts Thesis Exhibition: Lawrence Hanson, Sculpture", seminar gallery. Closing today: "Faculty Exhibition: Department of Art", fourth floor galleries. Northrop Memorial Auditorium. Open 2-5 p.m., Sunday; weekdays during school hours.
- Tuesday, March 13 --- "Social Learning Through Imitation", lecture by Dr. Albert Bandura, department of psychology, Stanford university, 3:30 p.m., Murphy hall auditorium. Free, open to public.
- Thursday, March 15 --- Commencement exercises: Oscar R. Knutson, chief justice of the Supreme Court of Minnesota, speaking on "The Frontiers of Tomorrow". 8 p.m., Northrop Memorial auditorium.
- Sunday, March 18 --- "Our National Forests", color sound film. 3 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.
- University gallery: Open 2-5 p.m., Northrop Memorial Auditorium. (See above).

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POLICE CHIEFS
INSTITUTE SET
AT 'U' MARCH 26-28

(FOR IMMEDIATE RELEASE)

Minneapolis --- The University of Minnesota's annual Police Chiefs training institute will be conducted March 26-28 at the Center for Continuation Study on the Minneapolis campus.

Several communications experts from the University faculty and from the ranks of police officials will serve on the faculty as the institute takes up the topics of listening, reading and report writing.

Raymond A. Dahl, Milwaukee, Wis., police department inspector, will direct the final day's session which will be concerned with qualifications and selection of police personnel.

Paul H. Cashman, University associate professor of rhetoric, will open the conference at 9 a.m. Monday (March 26) with talks on "Are You Listening?" and "Improving Reading Efficiency". Clifford I. Haga, assistant professor of English, will give some tips on report writing.

Public relations at the traffic violations bureau will be the topic of Louis Schroth, St. Paul deputy clerk of municipal court.

Tuesday's sessions will be devoted to discussions of handling prisoners in jail, policies on suspension and revocation of drivers' licenses and supervision of traffic officers. Speakers will include Robert McLane, jail consultant for the state department of corrections; Ronald Welbaum, superintendent of the Minneapolis police department's bureau of identification; Rolf Stageberg, superintendent of the Minneapolis workhouse; Gervaise A. Hatfield, drivers license director of the Minneapolis state highway department; and Frank L. Spatgen, St. Paul police captain.

Cooperating with the University in presenting the institute will be the Minnesota Chiefs of Police association. Lester Albrecht, Crystal police chief, will preside over the group's annual business meeting March 27 in conjunction with the institute.

'U' STUDENTS
RECEIVE GRADUATE
STUDY AWARDS

UNIVERSITY OF MINNESOTA
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MARCH 9, 1962

(FOR RELEASE MONDAY, MARCH 12)

Eleven University of Minnesota seniors have been awarded Woodrow Wilson National Foundation Fellowships for first year graduate study toward careers in college teaching, it was announced today.

The Fellowships are among 1,058 awarded to graduating seniors in the United States, Canada, Puerto Rico, Panama and the Canal Zone to finance a year's tuition, fees and living allowance.

The Fellowships were established five years ago by a Ford Foundation grant of \$24,500,000 to launch students in college teaching careers. Students who accept the Fellowship "assume a moral obligation to complete at least one year of graduate studies and to give serious thought to a career in college teaching", according to Sir Hugh Taylor, Foundation president.

This year's winners were elected by 15 regional committees from 9,975 candidates nominated by faculty members from 965 colleges. The program includes study in almost every major field but does not include the professional fields such as law, medicine and engineering.

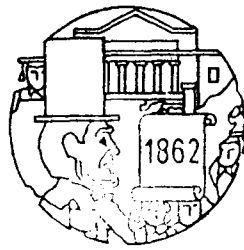
Nine of the University of Minnesota students receiving the Fellowships are enrolled on the Minneapolis campus, while two are at Duluth. They are:

(Minneapolis campus) Carl W. Chrislock, history; John W. Hagen, psychology; Gary W. Hume, anthropology; Benjamin M. Lifson, English; Jerry A. Segal, political science; Michael S. Shapira, philosophy, and Carl E. Solberg, history, all of Minneapolis; Donald D. Schultz, English, St. Paul; and Ervin Staub, psychology, Hungary.

(Duluth campus) Peter Bellermand, Duluth, international relations; and Donald W. Larmouth, linguistics, Esko.

Susan F. Rhame, a political science major, St. Paul, received an honorable mention award.

A reception for the Woodrow Wilson Fellowship recipients will be held during spring quarter.



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MARCH 12, 1962

INTERNATIONAL
FESTIVAL SET
AT 'U' APRIL 7,8

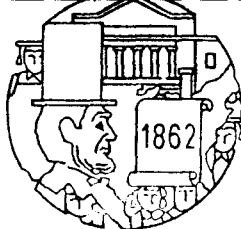
(FOR IMMEDIATE RELEASE)

A two-day "International Spring Festival", featuring the cultures of several nations, will be held at the University of Minnesota April 7 and 8.

The festival will be co-sponsored by the University's Foreign Students council and the department of concerts and lectures. Forrest G. Moore, director of the office of the adviser to foreign students, and Josef A. Mestenhauser, assistant director, are faculty advisers for the festival.

A two-hour musical show will open the festival at 8 p. m. Saturday, April 7, in Northrop Memorial auditorium. Folk songs, instrumental music, folk dances and classical dances of many different countries will be featured. A fashion parade, displaying the native dress of these various countries, will conclude the show. Admission will be 50 cents for students and faculty and \$1 for the general public.

A day-long program is scheduled Sunday, April 8, from noon to 6 p. m. in Coffman Memorial Union. An "international dinner", featuring food from several lands, will be served during those hours. The menu will include a meat dish, salad, vegetable and side dish with American and Turkish coffee and Japanese tea for beverage. The ticket for the dinner---\$1.75 for adults and \$1 for children---will also serve as admission to an exhibit of arts and crafts and a showing of slides of significant places around the world.



'U' MANAGEMENT
SEMINARS TO OPEN
WEDNESDAY

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1862 - CENTENNIAL - 1962
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(FOR IMMEDIATE RELEASE)

The first of a new series of five seminars on "Management Development" conducted by the University of Minnesota will open Wednesday (March 14) at the Ambassador Motel.

The Minneapolis Chamber of Commerce is cooperating with the University school of business administration in presenting the five two-day seminars.

Sessions will be held each Wednesday and Thursday for five consecutive weeks through April 12.

The program is designed for executives who have recently assumed increased responsibilities or who are expected to be promoted to jobs with increased executive duties in the near future, according to Professor Nicholas A. Glaskowsky, Jr., program coordinator.

"No single university course, no company training program ordinarily gives the point of view to be presented here," Professor Glaskowsky said. "The topics are not normally explored by executives under any other circumstances."

Theoretical sessions will be followed by periods of practical application. A feature of the program will be a general management business game processed on University school of business administration computer facilities.

Guest lecturers during the seminars will include Benjamin A. Rogge, dean of Wabash college, Indiana; Professor James W. Sweeney of Tulane university school of business administration; Robert A. Willson, Toronto, Canada, businessman; and Lloyd Hatch, vice president for research and development of Minnesota Mining and Manufacturing company.

Dean Paul V. Grambsch will head the University school of business administration faculty conducting the seminars.

Topics to be studied will be: the climate of management, management and rational decision making, management of change, management of conflict and cooperation and new developments in management.



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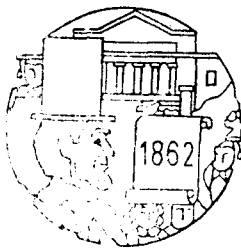
'U' REGENTS
TO MEET FRIDAY

(FOR IMMEDIATE RELEASE)

The Board of Regents of the University of Minnesota will meet at 10 a. m. Friday (March 16) in Room 346, Coffman Memorial Union on the Minneapolis campus.

The board will not meet in the Regents' room in Administration building because of an adjacent construction project.

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MARCH 13, 1962

BUNYAN BOOK
PRESENTED TO
'U' LIBRARIES

(FOR RELEASE AFTER 2:30 P.M. WEDNESDAY, MARCH 14)

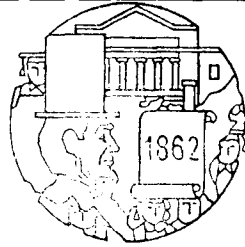
A rare, undated publication, "Paul Bunyan Comes West", was presented to the University of Minnesota library today in ceremonies in the office of the University president, O. Meredith Wilson.

The booklet, originally issued by the University of Oregon, consists of additional vernacular tales not included in any previous compilation of Paul Bunyan stories, according to E. B. Stanford, University libraries director.

Narrated by Ida Virginia Turney of the University of Oregon English department, the book's pictorial cover and ten full page block prints depict various exploits of the legendary giant. These illustrations, as well as the decorative borders surrounding the text, were designed by Helen N. Rhodes, also of the Oregon faculty.

The presentation copy was inscribed to the University by Mrs. Turney and Miss Rhodes.

The gift was obtained for the University's nationally outstanding Paul Bunyan collection from Martin Schmitt, curator, and Carl W. Hintz, director, of the Oregon library, through the efforts of Elwood R. Maunder, director of the Forest History Society, Inc., St. Paul, according to Stanford. Mr. Maunder, who has been instrumental in obtaining much of the material in the University's collection, made the presentation to President Wilson.



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FILMS ON FORESTS
TO BE SHOWN
AT 'U' MUSEUM

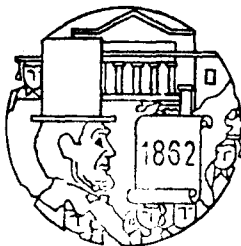
(FOR IMMEDIATE RELEASE)

"Our National Forests" will be the topic of two color sound films to be shown at 3 p. m. Sunday (March 18) in the Minnesota Museum of Natural History auditorium.

Produced by the United States forest service, the first film is called "Wilderness Trail" and covers scenes from the Bridger Wilderness in Idaho and Oregon. The second film, "The Forest", emphasizes the multiple uses of our national forests, including timber, recreation, water and forage. The latter film was released on the occasion of the fifth World Forestry Congress in Seattle, Wash., in 1960.

The program is free and open to the public.

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WATER WORKS
SCHOOL TO BE
HELD AT 'U'

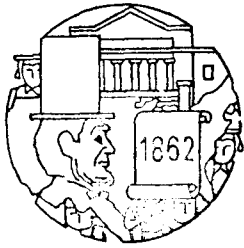
(FOR IMMEDIATE RELEASE)

Water works operators from throughout the state will go to school three days next week at the University of Minnesota to learn the newest developments in such areas as well construction, chlorination, iron removal, fluoridation and operation and maintenance of water systems.

The annual Water Works Operators school will begin Wednesday (March 21) with a general session in the Minnesota Museum of Natural History. The school will be divided into two groups, Source-Treatment and Distribution Systems, with sessions being held in the Center for Continuation Study.

The school is being conducted under the sponsorship of the League of Minnesota Municipalities, with the cooperation and assistance of the Minnesota Department of Health. The 36-member faculty has been drawn from municipal and state government, industry, and the University.

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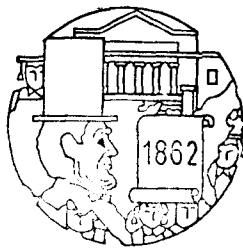
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(FOR IMMEDIATE RELEASE)

Professor Johannes Riedel of the University of Minnesota music department, will take part in the program of the annual national convention of the Music Educators association March 15-20 in Chicago. Professor Riedel will speak on "The Sociology of Music".

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'U' TO SWITCH
OVER TO NEW
PHONE SYSTEM MAY 13

(FOR IMMEDIATE RELEASE)

An automatic telephone system which will allow direct dialing to any person or office at the University of Minnesota is expected to eliminate one of that institution's biggest bottlenecks--the jammed manual telephone switchboard.

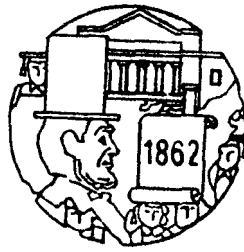
On May 13, the University will switch over to a Centrex Direct Inward Dialing (D.I.D.) system, making it possible to dial any person or office directly from outside, if the number is known, instead of going through a main switchboard. In effect, this will mean that every telephone at the University will have its own line.

According to R. V. Lund, assistant vice president and director of plant services, the Centrex D.I.D. system will reduce the operator load on the main switchboard, allowing operators to give more complete service to those few calls requiring special handling. Centrex will also allow unlimited expansion as more telephones are needed and will give faster, better service, Lund said. Callers will save an average of 28 seconds per call, he said.

"Centrex will be a giant step forward from the University's present inflexible and time-consuming manual switchboard system," Lund stated.

All Minneapolis campus extension numbers will be changed and will be prefixed by the number 373 for direct dialing; St. Paul campus extension numbers will be formed by prefixing present numbers with the number "3". For direct dialing, St. Paul campus's prefix number will be 647.

A supplementary staff directory, listing all offices and faculty and staff members, will be distributed a few weeks before the conversion date, Lund said.



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OF THE LAND · GRANT ACT

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
MINNEAPOLIS 14, MINNESOTA
FEDeral 2-8158 EXT. 6700
MARCH 15, 1962

CANCER BIOLOGY
DIVISION AT 'U'
TO BE DROPPED

(FOR RELEASE 11 a.m. FRIDAY, MARCH 16)

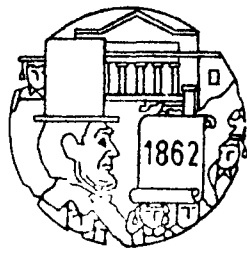
The University of Minnesota's division of cancer biology, which was directed by the late Dr. John J. Bittner, will be discontinued as of April 1, according to Dr. Robert B. Howard, dean of the college of medical sciences.

Dr. Bittner, one of the nation's outstanding cancer scientists, died on Dec. 14, 1961.

"The division was very much identified with Dr. Bittner," Dr. Howard said, "and with his death there is no one who is doing exactly the same type of work. Therefore, continuing the division of cancer biology did not seem appropriate."

The other faculty members of the division---Dr. Franz Halbert, professor of cancer biology, and Dr. Herbert Hirsch, associate professor of cancer biology---will be transferred to the pathology department as professor and associate professor of experimental pathology respectively. The transfers were approved by the University Board of Regents Friday.

-UNS-



NEW WOMEN'S
PHYSICAL EDUCATION
HEAD NAMED AT 'U'

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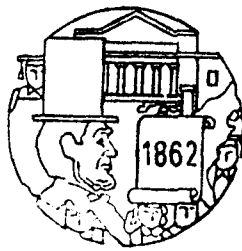
(FOR RELEASE 11 a.m. FRIDAY, MARCH 16, 1962)

Minneapolis --- Professor Eloise M. Jaeger was named Friday (March 16) by the Board of Regents of the University of Minnesota to succeed Professor Gertrude M. Baker who will retire June 30 as director of the department of physical education for women. The appointment will be effective July 1.

Professor Jaeger has been a member of the department's faculty since 1940. A native of Minneapolis, she attended North High school and was graduated from the University of Minnesota in 1939 with a bachelor of science degree. She received the doctor of philosophy degree in 1952 from the State University of Iowa, while on sabbatical leave from the University. Before joining the Minnesota faculty, she taught one year at Columbia Heights high school. She has written several articles for professional journals and has been a consultant on physical education films.

The retirement of Professor Baker will bring to a close a 43-year career on the University's faculty. Professor Baker joined the staff as a part-time instructor while still an undergraduate at the University. She received the bachelor of science degree in 1921 and the master of arts degree in 1929 from the University. She earned the doctor of education degree from Columbia University Teachers college in 1946. Professor Baker was named acting director of the department of physical education for women in 1941 and was appointed director in 1945.

Born April 28, 1894 in Rochester, N. Y., Professor Baker received a diploma from Wellesley college, Wellesley, Mass., in 1915. She also studied one year at Hellerau Schule in Luxemburg, Austria, in 1929-30. She is the author of several books and several papers. In 1960, she was initiated into the American Academy of Physical Education, an organization of 200 top leaders in physical education.



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STUTTERER'S CLINIC
SCHEDULED AT 'U'

(FOR IMMEDIATE RELEASE)

A clinical therapy program for individuals who stutter will be conducted this spring at the University of Minnesota, according to Ernest H. Henrikson, speech and hearing clinic director at the University.

Sessions, conducted by clinic staff members, will be held Monday evenings from 6:30 to 8:30 p. m. in Room 215, Shevlin hall on the Minneapolis campus, Henrikson said. Enrollment for the classes starting Monday, March 26, is now open, and will remain open through Monday, April 2.

A \$25 fee will be charged for the entire program of approximately 10 sessions, Henrikson stated. Further information regarding the program may be obtained by calling the clinic, FE.2-8158, extension 6442.

-UNS-

'U' NAMES NEW
MINES EXPERIMENT
STATION DIRECTOR

UNIVERSITY OF MINNESOTA
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(FOR RELEASE 11 a. m. FRIDAY, MARCH 16)

The appointment of a new director of the University of Minnesota Mines Experiment Station, a division of the school of mines and metallurgy, was approved today by the University Board of Regents , upon retirement of Henry H. Wade.

The new director is James E. Lawver, Lakeland, Fla., who will assume his new position at the University April 16. Wade's retirement will be effective in June, 1962.

Lawver, at present, is manager of the minerals processing research department of the International Minerals and Chemicals corporation (IMC) in Lakeland. His work has been in the fields of minerals research and development and in design and operation of pilot and industrial plants.

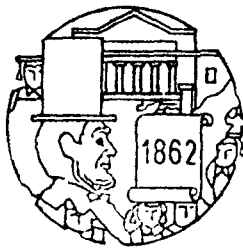
A native of Denver, Colo., Lawver holds degrees of metallurgical engineer and doctor of science from Colorado School of Mines, Golden. He joined IMC in 1946 after three years as a mining engineer for the Braden Copper company in Chile. Lawver has been a frequent contributor to technical publications and books and has been granted many United States and foreign patents for methods and processes he has originated in mining and metallurgy.

Wade will be leaving the University after 47 years in the Mines Experiment Station, which deals chiefly with research problems relating to the beneficiation and utilization of lowgrade iron ores, including the taconites.

After receiving an engineer of mines degree from the University in 1915, Wade became a metallurgist in the Mines Experiment Station, a position he held until 1949 when he became assistant director.

Following the resignation of Edward W. Davis as director in 1951, he was appointed acting director and then director.

Wade is a member of the American Institute of Mining and Metallurgical Engineers and other professional associations, and has published several papers relating to iron ore beneficiation.



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LABOR LEADERS
TO ATTEND
'U' CONFERENCE

(FOR IMMEDIATE RELEASE)

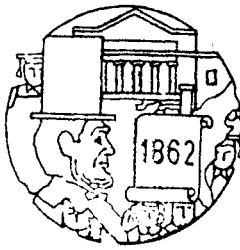
"Productivity, Wages and Jobs--At Home and Abroad" will be the topic of the fourteenth annual Industrial Relations Center Labor Conference Thursday and Friday/ (Mar.22-23) at the University of Minnesota's Coffman Memorial Union.

Well over 100 labor and union leaders from throughout the state will attend the conference which is co-sponsored by the University's Center for Continuation Study and Industrial Relations Center. Cooperating organizations are the Minnesota AFL-CIO Federation of Labor, Minneapolis and St. Paul central labor bodies and the Railroad Brotherhoods.

Prominent men in organized labor, government, universities and other agencies will participate as speakers and discussion leaders. They include three labor leaders from Washington, D. C.: Rudy Faupl, United States labor representative to the International Labor organization and international affairs representative of the International Association of Machinists; Nat Goldfinger, research department, AFL-CIO; and Everett Kassalow, research department, industrial union department, AFL-CIO. Also appearing on the program will be Masumi Muromatsu, research assistant, United States-Japan Trade council, Washington, D. C., and Joel Seidman, economics professor, University of Chicago.

Seymour Wolfbein, economist for the United States department of labor, Washington, D. C., will speak at a 6 p. m. dinner Thursday in Coffman Memorial Union junior ballroom.

The conference program will also include speeches by members of the University's industrial relations faculty.



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2 LECTURES ON
UTILITY THEORY
AT UNIVERSITY

(FOR IMMEDIATE RELEASE)

Two special lectures on the utility theory will be presented by the University of Minnesota's department of economics during the first week of the spring quarter, according to Professor John A. Buttrick, department chairman.

Professor Jacques Dreze of Belgium, now a visiting professor at Northwestern University, will speak on "Utility, Probability and Strategy" at 3:30 p. m. Monday, March 26, and Professor David LaBerge, of the University's department of psychology, will speak at 3:30 p.m. Wednesday, March 28, on "A Psychological Approach to Utility Theory".

Both lectures will be given in Room 2, Vincent hall.

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'U' REGENTS APPROVE REALIGNMENT
OF VICE PRESIDENTS' DUTIES

UNIVERSITY OF MINNESOTA
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MARCH 16, 1962

(FOR IMMEDIATE RELEASE)

Minneapolis --- A reassignment of major administrative responsibilities involving vice presidencies at the University of Minnesota was approved Friday (March 16) by the Board of Regents on recommendation of President O. Meredith Wilson.

Two purposes are involved, President Wilson told the board. First is the desire to tie together various student personnel and University relationship functions and activities.

Second is the need for making available to the president the time of a major administrative officer whose chief responsibilities will be working with the deans and the faculty in the development of educational planning and programming.

The first of these purposes will be achieved by attaching the appropriate offices to Vice President Stanley J. Wenberg, whose present title of vice president and administrative assistant, will be changed to vice president, educational relationships and development. The newer functions relating to educational planning and programming will be carried out by Vice President Malcolm M. Willey, whose title of vice president, academic administration, remains unchanged.

To effect the administrative realignment, the office of admissions and records, the office of the dean of students, the department of student unions, the University health service, and the department of university relations--all of which administratively hitherto were part of the organization responsible to Dr. Willey, will be transferred to Vice President Wenberg's office.

"In this way," said Dr. Wilson, "Dr. Willey's attention can be directed toward the many internal educational matters that involve the central administration. His work will bring him into close relationship with the deans of the several colleges, and through them and through special University committees, with the faculties. The need for such a major officer has increasingly become apparent. Such central attention to numerous educational matters will provide a more effective over-all administrative pattern, I believe."

(MORE)

President Wilson pointed out that the assignment of new educational responsibilities to Vice President Willey in fact relates his functions more closely to his title than has been true in the past. Such an academic officer, in an organization so vast, should be concerned directly with educational problems and planning, Dr. Wilson said.

"He will have staff responsibilities and authority that will relate him very closely to my office."

President Wilson also added that for many years the University of Minnesota has been distinguished for its long-range physical planning.

"Less progress has been made in long-range, over-all educational planning at the University and in relating this planning to the University's physical planning, and to the community of which it is a part," he said. "This is because such planning has been the specific responsibility of no designated officer. What progress we have made has not been fully coordinated because no one person, except the president, is thought of as having the responsibility for working with the deans and faculties in development of the educational programs, the formulation of educational needs and the relating of such need to physical planning for the years ahead.

"The president of the University of Minnesota no longer has time amidst all his multitudinous commitments to give concerted and continuing attention to these vital matters. He must have assistance in the development of the University's educational program. It is to Dr. Willey that I am turning for this important assistance."

The University Libraries, the Minnesota Museum of Natural History, the Reserve Officers Training Corps units and the department of concerts and lectures will continue to report directly to the academic vice president.

At the time Vice President Wenberg's post was established two years ago, it was intentionally left partially undefined to permit greater flexibility in working out a new pattern of central responsibilities, President Wilson explained.

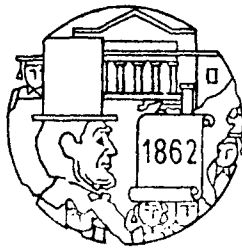
(MORE)

As one member of the central administrative team, his initially assigned duties included more continuous and systematic communication with members and committees of the Minnesota Legislature, development of closer coordination of the University's relationships with other educational institutions and organizations, as well as central administration responsibility for the department of alumni relations, the department of athletics and physical education for men, the Greater University Fund, and development programs that are in process of formation.

"The coordination of legislative, alumni, outside educational and general university relations with campus student services and activities in one centralized office should contribute to strengthening our university relationships generally," President Wilson explained. "A student begins to become one of the alumni body the day he is admitted to the University, and what happens to the student on the campus and what contacts are had with him after he graduates and becomes part of the larger constituency of the University should be tied together. We believe the new grouping of administrative functions will contribute to this."

The changes in administrative responsibility that were announced Friday will become effective at once, although there will inevitably be a transition period during which the two vice presidents will have to work closely together so that there will be no disruption of smooth day-to-day operations while the shifts are being made.

President Wilson also indicated that the proposed administrative shifts have been carefully reviewed and discussed with the Faculty Consultative committee of the University Senate, with the Administrative committee of the Senate and with all of the administrative officers whose departments are involved. The feeling is unanimous, he stated, that the realignment of functions is desirable and will serve to add strength to the functioning of the central administration of the University and, in particular, to the President's Office, both in its on-campus and off-campus aspects.



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150 SELECTED
FOR 'U' MEDICAL
SCHOOL IN '62

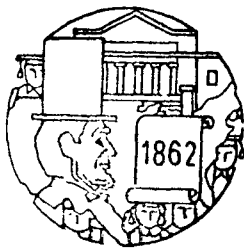
(FOR IMMEDIATE RELEASE)

A class of 150 students has been selected for entrance into the University of Minnesota medical school for fall, 1962, it was announced today.

Selections were made from 504 applications, a record high for the past 10 years.

A decision to drop four requirements for admission into the medical school has been approved by the college of medical sciences, effective in fall, 1963. The courses are qualitative analysis, psychology, genetics and physical chemistry. The change in course requirements will not affect the class entering in fall, 1962.

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127 HIGH SCHOOLS
HAVE GRADUATES
IN 'U' HONOR GROUP

(FOR IMMEDIATE RELEASE)

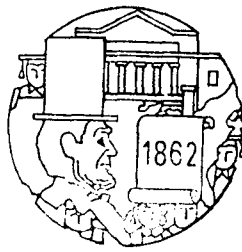
Minneapolis --- Seventeen Minnesota high schools sent five or more beginning freshmen to the University of Minnesota college of science, literature, and the arts (SLA) who made better than a "B" average during the fall quarter, according to Roger B. Page, SLA assistant dean.

Throughout the state, 127 high schools had one or more beginning freshmen in this honor group of 384 freshmen at the University.

In his letter to the individual high school principals, announcing the honor students, Dean Page said, "Our college, SLA, attracts many superior students, and typically our students are serious and hard working. Such a record in such competition is a mark of distinction.

"This good work is a compliment to your school as well as to the student, for you gave him both the background and the attitudes necessary for such achievement."

Twin Cities and suburban high schools, with the highest percentage of graduates, lead the honors list: Washburn, Minneapolis, 24; Roosevelt, Minneapolis, 23; Edina-Morningside, Edina, 18; North, Minneapolis, 18; Central, St. Paul, 15; St. Louis Park, 13; Southwest, Minneapolis, 13; Robbinsdale, 10; Alexander Ramsey, Roseville, 9; West, Minneapolis, 9; Mounds View, New Brighton, 8; Murray, St. Paul, 8; De La Salle, Minneapolis, 7; University, Minneapolis, 7; Edison, Minneapolis, 6; Hopkins, 6; and South, Minneapolis, 6.



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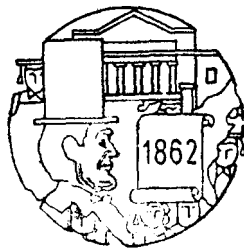
SOCIAL SURVIVAL
OF ANIMALS TOPIC
OF 'U' MUSEUM FILM

(FOR IMMEDIATE RELEASE)

The behavior of animals in relation to their social organization for survival will be demonstrated in a free film and lecture at 3 p. m. Sunday (March 25) at the Minnesota Museum of Natural History auditorium at the University of Minnesota.

Harvey Gunderson, curator of mammals at the Museum, will show a film on the "Behavior of Baboons", produced by the University of California anthropology department. He will elaborate on the subject in a lecture which also will include discussion of the behavior of prairie dogs and gibbons.

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TOP PLANT
ENGINEERS TO TALK
AT 'U' CONFERENCE

1862 - CENTENNIAL - 1962
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(FOR IMMEDIATE RELEASE)

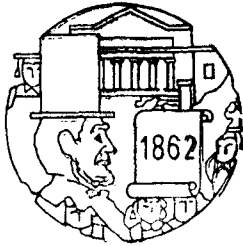
A faculty of nine engineers and industrial planners has been assembled from throughout the country to present "New Ideas in Plant Engineering" at the second annual plant engineering conference Monday and Tuesday (March 26-27) at the Center for Continuation Study at the University of Minnesota.

Otto Grevin, vice president for production, Donaldson Company, Inc., Bloomington, will open the two-day conference with a session on "Management Principles for Plant Engineers". He will be followed by Frank H. Zoeller, assistant supervisor of property records department, Allis-Chalmers Manufacturing company, Milwaukee, Wis.; George Young, project and standards superintendent, Chemstrand corporation, Pensacola, Fla.; Donald Chapman, partner in the architectural engineering firm of Grover Dimond Associates, Inc., St. Paul; and Homer M. Bird, principal partner of Bird, Bird and Associates, consulting engineers, Osseo.

On Tuesday, the sessions will include four lectures by Kenneth L. Dean, supervisor of program planning, Remington Rand Univac, St. Paul; Carl Morris, manager of manufacturing research and development engineering, Whirlpool corporation, Evansville, Ind.; F. A. Dieter, superintendent of plant engineering, ParkeDavis and Comapny, Detroit, Mich.; and Charles T. Bingham, assistant plant engineer, Thompson-Ramo-Wooldridge, Inc., Cleveland, Ohio.

The conference is being presented by the Center for Continuation Study in cooperation with the Twin City Plant Engineers society. Representatives of industry from three states are expected to attend.

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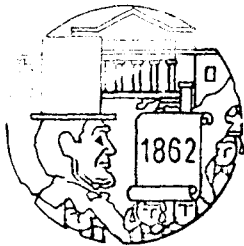
(FOR MUSIC PAGE OR COLUMN)

A repeat performance of the annual winter quarter concert by the University of Minnesota Symphony orchestra will be given Friday, March 30, according to Professor Paul M. Oberg, University music department head.

"While a few faithful friends managed to make it through the blizzard that Sunday afternoon," Professor Oberg said, "it seems a shame not to repeat the concert under what we hope will be more favorable circumstances so that the music department students who have been anticipating it for so long may have their proper audience, and so that music-lovers from the area will have an opportunity to attend."

The free public concert will be given at 8:30 p.m. in Northrop Memorial auditorium.

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MINERALOGY MEDAL
TO GO TO
RETIRED 'U' PROFESSOR

(FOR IMMEDIATE RELEASE)

John W. Gruner, geology professor emeritus of the University of Minnesota, has been selected to receive the Roebling Medal of the Mineralogical Society of America (MSA), the most distinguished award in the field of mineralogy.

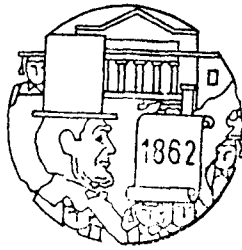
Professor Gruner will be presented with the award at the annual meeting of the Society in November in Houston, Tex.

The gold medal, awarded for outstanding research in mineralogy, is named for John A. Roebling, designer of the Brooklyn bridge, who was deeply interested in mineralogy. Roebling's son contributed money to the MSA for the award and also presented his father's extensive mineral collection to the Smithsonian Institute in Washington, D. C.

Since 1937, the medal has been awarded to 13 United States scientists, three British scientists, two Germans, one Norwegian and one Swiss.

Professor Gruner, who retired in 1959, was a member of the University faculty for 39 years and professor of geology and mineralogy since 1944. He served as president of the MSA in 1948. His distinguished career included membership in the Minnesota Geological Survey from 1920-1946, consultant for the Atomic Energy Commission, 1949-1957, and consultant for the United States Army Signal Corps laboratories from 1946-1953.

In 1950, he was awarded contracts from both the Atomic Energy Commission--for research on mineralogy and origin of uranium deposits--and the signal corps laboratories, for investigation of twinning in quartz crystals. The AEC also awarded a contract to him in 1956 for finding uranium deposits.



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MARCH 20, 1962

'U' STUDENT-TEACHER
SUPERVISOR RECEIVES
FULBRIGHT AWARD

(FOR IMMEDIATE RELEASE)

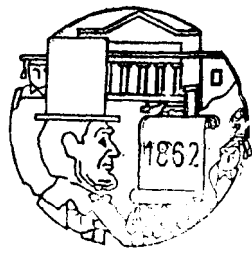
Frederick S. Olson, supervisor of off-campus student teaching in the University of Minnesota's college of education, has been awarded an United States Educational Exchange (Fulbright) grant for the 1962-63 academic year.

Under the Fulbright award, Olson, 821 S. E. 7th st., Minneapolis, will teach English as a foreign language in Japanese national schools in Japan.

Olson, who graduated from the New Ulm high school in 1948, received the bachelor of art degree from the University's college of science, literature and the arts, and completed work for the master of arts degree in English education at the winter quarter commencement last Thursday, March 15.

At the University, Olson was a member of the corps of midshipmen of the Navy ROTC program and spent four years in the United States Navy, serving with the rank of Lieutenant.

Fulbright awards are made under the provisions of Public Law 584, 79th Congress, and are for teaching and participation in seminars abroad. The funds used for carrying out the program are certain foreign currencies or credits owed to or owned by the Treasury of the United States. Under executive agreements with foreign governments, programs involving American teachers are currently in effect in the following countries: Argentina, Australia, Austria, Belgium, Burma, Chile, China, Colombia, Denmark, Ecuador, Finland, France, Germany, Greece, India, Iran, Israel, Italy, Japan, Nepal, Netherlands, New Zealand, Norway, Paraguay, Peru, Spain, Sweden, Turkey and the United Kingdom.



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ARCHAEOLOGIST
TO LECTURE ON
ATHENIAN VASES

(FOR IMMEDIATE RELEASE)

John M. Cook, professor of ancient history and classical archaeology at the University of Bristol, England, will give an illustrated lecture on "Athenian Vase Painting" at 8:30 p.m. Monday (March 26) in the Minnesota Museum of Natural History auditorium at the University of Minnesota.

Professor Cook, who has conducted extensive excavations in Greece and ancient Asia Minor, is on a lecture tour of this country, sponsored by the Archaeological Institute of America (AIA). His lecture at the University will be presented by the Minnesota Society of the AIA and the University department of concerts and lectures.

Educated at Marlborough and King's College, Cambridge university, Professor Cook was a student at the British School of Archaeology at Athens from 1934-36, and later became director of the school from 1946 to 1954. He was also lecturer in humanity and classical archaeology at Edinburgh university, Scotland, from 1936-46. He joined the University of Bristol faculty in 1954.

Professor Cook's excavations have been carried out on the island of Ithaca, at Mycenae, an ancient Greek city, and at Smyrna, where the temple and houses of the early Greek city were cleared, and occupation levels dating from 3000 B.C. to 330 B.C. were discovered. Professor Cook has also uncovered remains of an ancient temple and sanctuary of the fourth century B.C. in the extreme southwest corner of Asia Minor.

He has worked extensively on the subject of Athenian Late Geometric and Proto-Attic pottery and has published several articles in this field and on his excavations.

ETHRIDGE TO BE
CASEY SEMINAR
SPEAKER AT 'U'

UNIVERSITY OF MINNESOTA
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MARCH 21, 1962

(FOR IMMEDIATE RELEASE)

Minneapolis --- Mark F. Ethridge, vice president and publisher of the Courier-Journal and The Louisville Times, Louisville, Ky., will be the fourth Ralph D. Casey seminar speaker Monday and Tuesday (March 26-27) at the University of Minnesota school of journalism.

The seminar series was established in honor of Professor Casey, former director of the journalism school, through a five-year grant by the Minneapolis Star and Tribune. Its purpose is to bring journalism students into close contact with leading figures in the newspaper world. Robert L. Jones succeeded Professor Casey, who retired almost four years ago after 28 years as director of the school.

Previous seminar visitors were Turner Catledge, managing editor of The New York Times; Philip L. Graham, publisher of the Washington (D.C.) Post and Times-Herald, now also publisher of Newsweek magazine, and Herbert Brucker, editor of the Hartford (Conn.) Courant.

Ethridge, who has been engaged in newspaper work almost since boyhood, will be the principal speaker at a noon luncheon in Coffman Memorial Union junior ballroom Monday (March 26). This will be his only formal speech during his two-day stay. Most of his time will be spent in seminar-type sessions with students.

Two years ago Ethridge was named by Columbia university in New York City as "distinguished journalist", an honor which has been awarded only twice before. In 1956, he was designated "man of the year" by the National Association of Radio and Television Broadcasters. Ethridge holds honorary degrees from Harvard, Tulane, Mercer, Louisville and Kentucky universities, and an honorary Phi Beta Kappa from Harvard.

Ethridge is a native of Meridian, Mississippi. He has worked in various capacities for the Meridian (Miss.) Star, Columbus (Ga.) Enquirer-Sun, Macon (Ga.), Telegraph, Consolidated Press in Washington, D.C., New York Sun, Richmond (Va.,) Times-Dispatch, Washington Post, and Associated Press. He came to Louisville in 1936 as general manager of the Courier-Journal and The Louisville Times. He was elected vice president and general manager in 1937, and publisher in 1942. He has also served in various capacities at the request of the federal government both in this country and abroad.

HEART SURGERY FOR
GREEK BOY IS FIRST
CHALFEN FUND PROJECT



1862 - CENTENNIAL - 1962
OF THE LAND - GREAT PROJECT

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
MINNEAPOLIS 14, MINNESOTA
Federal 2-8158 EXT. 6700
MARCH 21, 1962

(FOR IMMEDIATE RELEASE)

A 16-year-old Greek boy will be returning to his home in Athens within the next two weeks from the Variety Club Heart hospital at the University of Minnesota, equipped with a new heart valve and new hope for a normal life.

Anastasi Lambropoulos, who underwent successful open-heart surgery March 2 at the Heart hospital, is the first beneficiary of the Chalfen Memorial International Fund for Indigent Children, established by the Variety Club Heart Hospital auxiliary in memory of Mrs. Morris Chalfen and her three children who died in an airplane crash at Tell City, Ind., two years ago this month.

Mrs. Chalfen had been president of the auxiliary. The fund was established only for foreign children because Mr. Chalfen's show, "Holiday on Ice", has appeared in most of the countries of the world. Funds for care of American children at the Heart hospital are provided by the men of the Variety club.

In the past, the auxiliary has donated thousands of dollars worth of equipment to the hospital. Since establishment of the Chalfen fund, however, the auxiliary's fund raising activities will be devoted primarily to maintaining this memorial.

Anastasi's operation was a three-way cooperative venture in international good will. A great-uncle, John Lambros, 3213 Ridgewood Road, St. Paul, paid for his air transportation; the Chalfen Memorial fund is taking care of all hospitalization costs since his admission on Feb. 19, and surgery was performed free of charge by a staff headed by famed open-heart surgeon, Dr. C. Walton Lillehei.

Lambros, who left Greece in 1907, learned of his grand-nephew's serious heart condition when he paid a return visit to his country in 1958. A Greek doctor, seeking help for the boy, wrote to a Minneapolis physician who referred the letter to Dr. Lillehei. Final arrangements for Anastasi's care were made when the Variety Club Heart Hospital auxiliary was notified of the boy's need and chose him as the first recipient of help from the Chalfen fund.

(MORE)

Anastasi, described as a very bright student, was forced to drop out of school in 1960 because of an extreme leakage of the heart. His father, a \$70-a-month goat herd, has three younger children to care for, making medical care for Anastasi impossible without financial help.

Dr. Lillehei said the mitral valve in Anastasi's heart--the important valve between the left upper and lower chambers from which blood is pumped to the body--had been completely destroyed by rheumatic fever.

Through the use of open-heart surgery (a procedure developed by Dr. Lillehei in which all blood is drained from the heart and the patient depends on a heart-lung machine to keep blood flowing through his body), a new ball-type valve was inserted in Anastasi's heart.

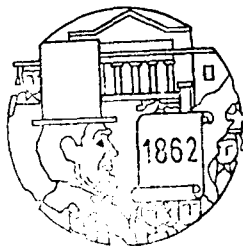
This valve, which Dr. Lillehei calls the best type available right now, has been used in about 15 operations at the Heart hospital. Produced by the Edwards laboratories, Santa Anna, Calif., it is made of a special form of stainless steel called vitallium, and two special types of plastic--teflon and silastic.

Tested outside the body with conditions equivalent to 42 years of wear, the valve has shown no sign of wear, Dr. Lillehei said. He explained that since 1956, when open-heart surgery was first performed, hundreds of mitral valves have been reconstructed. However, in cases like Anastasi's, where the valve is entirely destroyed, death often resulted because nothing could be done. With the new valve, it may be possible to save many more lives, he said.

The plastics in the valve are such that blood does not tend to clot on them, Dr. Lillehei said. In addition, the heart tissue after a time grows into the teflon, healing the valve firmly in place.

Since the valve has only been available since 1961, there is no way to predict positively its ultimate performance. However, if it continues to function normally, Dr. Lillehei said, Anastasi can expect an essentially normal life expectancy with normal activities. Because of his youth, any changes in his heart muscles caused by the severe heart damage should correct themselves with the passage of time, Dr. Lillehei said.

Anastasi expects to remain at the Heart hospital until the end of the week. He may spend a few days at his uncle's home before flying back to Greece.



1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

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MARCH 21, 1962

HINDUS TO CELEBRATE
HOLI-FESTIVAL AT 'U'

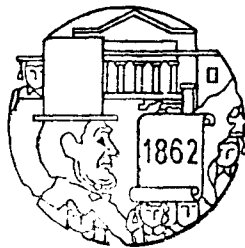
(FOR IMMEDIATE RELEASE)

Members of the Hindu Association of the University of Minnesota will celebrate Holi-Festival Saturday, March 24, at the University, according to Ramineni Ayyanna, the group's financial secretary.

The association---only organized Hindu religious group in the world--- will observe the religious holiday at a 7 p. m. meeting in Murphy hall auditorium on the University's Minneapolis campus. The public is invited to attend the celebration.

Devotional songs, recitations of Hindu poetry in both Indian and English, and a "Bajam"---a group presentation of songs and poetry---will open the program, Ayyanna stated. Hari H. Dam, Indian graduate student in the University's school of Journalism, will speak on "The Significance of Holi-Festival", and club members will dance traditional classical Indian dances. Indian dishes will be served after the program.

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COMMAGER, NOTED
HISTORIAN, TO SPEAK
AT 'U' AGAIN

(FOR IMMEDIATE RELEASE)

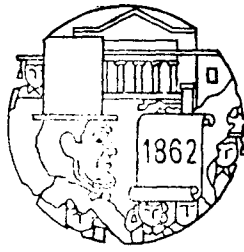
Henry Steele Commager, noted historian and author, will visit the University of Minnesota for the second time in two months to lecture on "The Search for a Usable Past" at 3:30 p. m. Wednesday (March 28) in Murphy hall auditorium.

Commager, professor of history and American studies at Amherst college, Amherst, Mass., spoke on the campus in February for the Sperry and Hutchinson company lecture series.

His free lecture Wednesday will be sponsored by the history department, Phi Alpha Theta honorary history fraternity and the department of concerts and lectures.

Commager, who has taught and lectured at many of the world's leading universities, is the author of numerous books, including "The Story of a Free Nation", "The American Mind", "Living Ideas in America", and "Rise of the American Nation". He has also co-authored "Growth of the American Republic" and "The Heritage of America".

Commager received the doctor of philosophy degree from the University of Chicago, where he also earned his undergraduate and master of arts degrees. He is a member of Phi Beta Kappa, the National Academy of Arts and Letters and is a Fellow of Queen's college, Oxford, England.



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DONNE POETRY
TO BE SUBJECT
OF LECTURE

(FOR IMMEDIATE RELEASE)

"The Love Poetry of John Donne" will be the topic of a special lecture at 3:30 p. m. Wednesday (March 28) in the Minnesota Museum of Natural History auditorium at the University of Minnesota.

Helen Gardner, C.B.E., a fellow of St. Hildas college and reader in Renaissance English literature at Oxford university, England, will deliver the free lecture, sponsored by the English department and the department of concerts and lectures.

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POLICE CHIEFS
TO MEET AT
'U' INSTITUTE

1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

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(FOR IMMEDIATE RELEASE)

Minnesota police chiefs will be instructed in the arts of reading, listening and report writing at the annual Police Chiefs Institute Monday through Wednesday (March 26-28) at the University of Minnesota Center for Continuation Study.

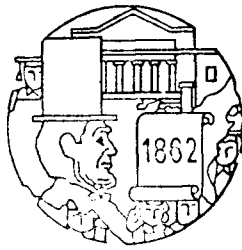
Clifford I. Haga, assistant professor of English, will give pointers on effective report writing to police chiefs and other selected police personnel from villages, towns and cities throughout Minnesota. Paul H. Cashman, associate professor of rhetoric on the St. Paul campus, will instruct them in listening and improving reading efficiency.

Also highlighting the annual institute will be sessions on qualifications, selection and performance evaluation of police personnel, conducted by Raymond A. Dahl, inspector in the Milwaukee, Wis., police department.

Other topics to be discussed at the institute include public relations at the traffic violations bureau, handling prisoners at the jail, how the "Huber Law" works, and supervision of traffic officers.

Chiefs of police Lester Albrecht, Crystal; E. C. Cummings, Thief River Falls, and Wilbur Martin, Hastings, will preside at the three-day session.

Also appearing on the program will be Eugene H. Burns, director of juvenile delinquency programs, Center for Continuation Study; Gervaise A. Hatfield, drivers license director, Minnesota highways department; Robert McLane, jail consultant, Minnesota department of corrections; Louis Schroth, deputy clerk of municipal court, traffic violations bureau, St. Paul; Frank L. Spatgen, captain, St. Paul police department; Rolf Stageberg, superintendent, Minneapolis workhouse, and Ronald Welbaum, superintendent, bureau of identification, Minneapolis police department.



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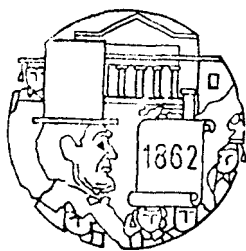
PSYCHOLOGY LECTURE
AT 'U' WEDNESDAY

(FOR IMMEDIATE RELEASE)

A past president of the American Psychological association will deliver the next psychology department colloquium lecture at the University of Minnesota at 3:30 p. m. Wednesday (March 28) in 211 Nicholson hall.

O. Hobart Mowrer, research professor of psychology, University of Illinois, Urbana, will speak on "Learning Theory and the Concept of Guilt". His free lecture is sponsored by the psychology department, the center for personality research, and the department of concerts and lectures.

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SCIENCE GRANTS
AWARDED TO
'U' STUDENTS

1862 - CENTENNIAL
OF THE UNIVERSITY OF MINNESOTA

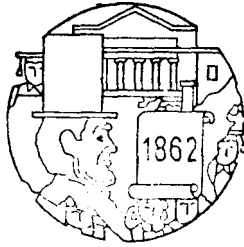
(FOR IMMEDIATE RELEASE)

Postdoctoral fellowships for \$5,000 each have been awarded to two University of Minnesota scientists by the National Science Foundation (NSF) for a year's advanced study and research.

Receiving the fellowships are Robert J. Oakes, research assistant in physics, who will study at Stanford university, Palo Alto, Calif., and Dr. E. E. Crandall, physiologist at Mayo clinic, who will use his grant for study at the University of Paris, France.

NSF also announced the award of 22 graduate fellowships ranging from \$1800 to \$2200 in the sciences, mathematics and engineering to the following University students: John M. Arnold, Richard N. Benson, Kenneth R. Berg, Larry G. Butler, Martha L. Canner, Craig W. Deutsche, James D. Hajicek, Gary W. Hume, Jerome Klein, Richard J. Milgram, Kent R. Rush, and James F. Walker, Jr., Minneapolis; Gary R. Baker, Marc A. Jaglowski, Mary A. Jordan and Robert A. Stryk, St. Paul; Robert B. Kaul, Owatonna; Robert A. Rasmussen, Mankato; Robert F. Modler, Chicago, Ill.; Neal A. Tuleen, Oak Park, Ill.; Stuart S. Antman, Rockville Center, N. Y.; and Sister M. Mercy McGrady, Pittsburgh, Pa.

Three secondary school mathematics teachers in Minnesota also received NSF fellowships for study at the University during the summer. They are: Roger D. Leary, Richfield High school; Patrick W. O'Brien, Shakopee High school; and Roger H. Rosandich, Virginia Junior High school.



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'U' SOCIOLOGIST
TO SPEAK
AT IOWA STATE

(FOR IMMEDIATE RELEASE)

Arnold M. Rose, professor of sociology at the University of Minnesota, will deliver a convocation address Friday (March 30) at Iowa State college, Cedar Falls, Iowa.

In a talk entitled "Sociology in the Service of Man", Professor Rose will survey the various ways that sociological research has been used toward the solution of social problems. The talk will refer to problems of juvenile delinquency, aging, city planning, industrial relations and unemployment.

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LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF MARCH 25-APRIL 1

- Sunday, March 25 -- "Animal Behavior", two color films presented by Harvey Gunderson, curator of mammals, at 3 p. m., Minnesota Museum of Natural History auditorium. Free, open to public.
- Monday, March 26 -- Mark F. Ethridge, vice president and publisher, Courier-Journal and The Louisville Times, Louisville, Ky., speaking at 12 noon luncheon, Coffman Memorial Union junior ballroom. (Part of two-day Ralph D. Casey seminar).
- "Inflammatory Responses to Radioactive Antigens", lecture by Dr. Robert S. Speirs, anatomy professor, Medical School of State University of New York, 12:30 p.m., 104 Jackson hall. Free, open to public.
- "Utility, Probability and Strategy", economics lecture by Professor Jacques Dreze of Belgium, now visiting professor at Northwestern university, 3:30 p.m., room 2, Vincent hall. Free, open to public.
- "Athenian Vase Painting", archaeological lecture by John M. Cook, professor of ancient history and classical archaeology at University of Bristol, England, 8:30 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.
- University gallery: Opening, major exhibition: "The 19th Century: 125 Master Drawings", 3-6 p.m., fourth floor gallery. Other continuing shows: "Pottery" and "International Graphic Arts Society", prints by American and European artists, third floor corridor; "John Rood Sculpture Collection", third floor, east gallery; "Master of Fine Arts Thesis Exhibition: Lawrence Hanson, Sculpture", seminar gallery. Open weekdays during school hours. Northrop Memorial auditorium.

(MORE)

CAMPUS LECTURES

- 2 -

- Wednesday, March 28 -- "The Love Poetry of John Donne", lecture by Helen Gardner, C.B.E. fellow of St. Hildas college and reader in Renaissance English literature at Oxford university, England, 3:30 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.
- "The Search for a Usable Past", lecture by Henry Steele Commager, professor of history and American studies, Amherst college, Amherst, Mass., 3:30 p.m., Murphy hall auditorium. Free, open to public.
- "Learning Theory and the Concept of Guilt", lecture by O. Hobart Mowrer, research professor of psychology, University of Illinois, Urbana. 3:30 p.m., 211 Nicholson hall. Free, open to public.
- "A Psychological Approach to Utility Theory", economics lecture by David LaBerge, psychology professor, University of Minnesota, 3:30 p.m., room 2, Vincent hall. Free, open to public.
- Thursday, March 29 -- Convocation: Cynthia Gooding, singer of international folk music, with self-accompaniment on the guitar, 11:30 a.m., Northrop Memorial auditorium. Free, open to public.
- "Creativity in Architecture and Music", lecture-recital by H. Th. Wijdeveld, internationally known Dutch architect, and his son, Walfgang Wijdeveld, composer-pianist and professor in piano at Conservatory of Utrecht, Holland. 8 p.m., Frederick Mann court, Architecture building. Free, open to public.
- Friday, March 30 -- Repeat performance, University Symphony orchestra annual winter-quarter concert. 8:30 p.m., Northrop Memorial auditorium. Free, open to public.
- Senior recital: Owen Goff, vocalist. 8:30 p.m., 104 Scott hall. Free, open to public.
- Sunday, April 1 -- Concert by pianist Duncan R. McNab of music department faculty, 3:30 p.m., Northrop Memorial auditorium. Free, open to public.
- "Space and Gravitational Research", color sound films. 3 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.



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'U' ASTRONOMER
TO PHOTOGRAPH
STARS AT MT. PALOMAR

(FOR IMMEDIATE RELEASE)

A University of Minnesota astronomer will be commuting to the Mt. Palomar Observatory in California every month, beginning next fall, to try to determine the number of stars located near the sun.

Professor Willem J. Luyten, chairman of the astronomy department, will be doing a survey of proper motion---the term given to movement of the stars--- under a new \$39,600 grant from the National Science Foundation.

By photographing portions of the sky each month and comparing the photographic plates with corresponding plates taken seven to 10 years ago, Luyten will be able to learn which stars' movements are discernable. Although all stars are in constant motion, only those relatively near the sun are close enough to the earth to be seen to move, Luyten said. Therefore, any stars whose movements show up on the plates can be assumed to be in the neighborhood of the sun, he explained.

Professor Luyten, who will be on sabbatical leave from the University during the next school year, will go to Mt. Palomar during the dark of the moon each month and will return to the University during the full of the moon to check his plates. About 200 plates will be made in the study.

About 77 per cent of the sky was photographed at Mt. Palomar observatory from 1950 to 1955. The University's astronomy department owns duplicates of these plates, a total of 935 pairs, given to it by the Louis and Maud Hill Foundation. These are the plates with which Professor Luyten will compare his new plates.

(MORE)

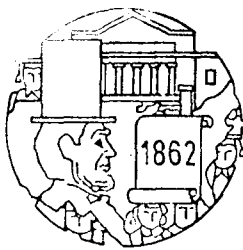
It takes about 30 hours to "search" a plate for star movement, Professor Luyten said. Each plate, 14 x 14 inches in size, is covered with what appear to be tiny black specks, each speck representing a star. The smallest motion that can be seen is about 10 microns, or one-2,500th of an inch. A movement of 20 microns is easy to see, Professor Luyten said, but these "big" motions are very few. In a 10-year interval, one star in 1,000 will show motion, he said.

The nearest star known is 25 trillion miles away from the earth. Called Alpha Centauri, it is located in the southern hemisphere and is the third brightest star in the sky.

Professor Luyten believes he is one of only a few astronomers now studying proper motion through the use of photography. He pointed out that most astronomers are now engaged in such fields as radio astronomy or the study of satellites, while his work is of the traditional type of photographic "star gazing" that came into use with the development of photography in 1900.

Professor Luyten said the movement of the stars was noticed as early as 500 B.C., but what people thought was star motion was really due to the shifting of the earth's axis.

In 1800, it was discovered that the stars actually move also, and this was termed "proper motion".



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'U' FOREIGN STUDENT
FESTIVAL APRIL 7-8

(FOR IMMEDIATE RELEASE)

Minneapolis --- Veiled dancing girls, Scandinavian songs, a Japanese tea ceremony and such exotic foods as Shih-Kabob---Arab-style (not backyard barbecue)--- and Nargisi-Kofta (Moghul stuffed meat balls from Pakistan--- will be features of the annual Spring Festival of the University of Minnesota foreign students Saturday and Sunday, April 7-8, on the University's Minneapolis campus.

Foreign student members of the 17 foreign student groups belonging to the University's International Student Council are being assisted by the other Council members---the International Center for Students and Visitors, the Minnesota Student association, the Office of the Dean of Students, the Pan Hellenic council and the University YWCA and YMCA---in this year's greatly enlarged production of the festival, according to Josef A. Mestenhauser, assistant director of the University's office of the adviser to foreign students.

"Overflow crowds in previous years' Pageant of Nations performances in Coffman Memorial Union have persuaded the council to move this year's performance into the much larger Northrop Memorial auditorium", Mestenhauser said. "The much bigger stage in Northrop will provide a challenge for our singers and dancers, and the vast seating capacity of Northrop will provide an opportunity for friends throughout the area to come to the Twin Cities to attend this colorful event".

This year's festival is jointly sponsored by the International Student Council, and the University's department of concerts and lectures, the office of the adviser to foreign students and the union board of governors.

(MORE)

Highlights in the Pageant of Nations performance at 8 p.m. Saturday include the "Tahteeb", a cane fight dance by Arab-American club members; a Chinese Palace Lantern Dance; numbers by the Korean choir; an Islamic Wedding Scene; folk songs from Nigeria; a group by the Israeli dancers; a Sword Dance from Japan and the Fashion Parade in which students from Arabia to Venezuela display their native dress.

Tickets for the Pageant of Nations performance vary in price from \$.50 for high school and college students and University faculty, to \$1.25 for the general public.

Sunday's International Exhibition includes the International Menu served from 12 noon until 6 p.m. in Coffman Union cafeteria; the exhibition of cultural objects---fabulous jewelry, exotic fabrics, exquisite wood carvings, handicrafts and paintings from the four corners of the world on view in Coffman Union main ballroom from noon until 6 p.m.---a slide show of interesting and unusual scenes from Latin America, Asia, Africa, Europe and the Near and Far East, from 2:30 to 6 p.m. in the mezzanine lounge of the Union; and an exhibition of Japanese flower arranging, also in the mezzanine lounge from 4 to 4:30 p.m.

Admission to the Sunday events will be free to the public, with a charge of \$1.75 to adults for the 5 course meal and beverage. Children, under twelve years, will be served for \$1, according to Erdem Bektas, festival general chairman.

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AUDITIONS TO BE
HELD FOR MUSIC
SCHOLARSHIPS AT 'U'

(FOR MUSIC PAGE)

Auditions for the University of Minnesota music department scholarships for prospective freshmen for the 1962 fall quarter will be held Saturday, May 12, according to Professor Paul M. Oberg, music and music education department chairman at the University.

Twin Cities high school seniors, either vocalists or instrumentalists, interested in applying for the scholarships which will pay for private lessons while they are studying in music and music education majors at the University, are requested to telephone or write Professor Oberg as soon as possible for an audition appointment.

Letters may be addressed to Professor Paul M. Oberg, Music Department, Scott hall, University of Minnesota, Minneapolis 14, or he may be telephoned at his University office, FEderal 2-8158, extension 6596.

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FOLK SINGER
CYNTHIA GOODING
TO APPEAR AT 'U'

(FOR IMMEDIATE RELEASE)

Cynthia Gooding, international folk music singer, will present the first University of Minnesota convocation program of the spring quarter at 11:30 a.m. Thursday (March 29) in Northrop Memorial auditorium.

Miss Gooding, a New Yorker who was born in Rochester, Minn., accompanies herself on a hand-made Chilean guitar. Her program includes traditional folk songs of many countries, including Mexico, Spain, Turkey, Italy, France, England and Israel as well as the United States.

An article in Vogue magazine describes her as a "vine-structured girl who tangles herself languidly around a pale guitar and sings, with a smart buzz of temperament, offbeat folk songs and back-country blues".

Miss Gooding has appeared in concerts and nightclubs across the country, and has made several records. Her career began during a stay in Mexico City, where she learned to play the guitar and began her repertoire with traditional Mexican and old Spanish songs. Back home in Rochester, she did a series of radio broadcasts, and later moved to New York where she has done serious research in folk music.

She has collected and recorded real Flamenco, the gypsy music of Spain, and has studied the varying styles of folk songs in other countries. She supplements some of her songs with anecdotes.

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STATE HIGH MUSIC
GROUPS TO BE ON 'U'
MUSIC HOUR SHOWS

(FOR MUSIC PAGE)

Music groups from Minnesota high schools will come to the University of Minnesota during the spring quarter as featured guests of the University music department's weekly Music Hour programs, according to Professor Paul M. Oberg, music and music education departments chairman.

Initiating the free public programs, to be held at 11:30 a.m. in Northrop Memorial auditorium, will be the Tuesday, April 3, performance by the 68-piece Springfield high school concert band, Dr. Oberg said. This group and the 15-piece stage band will be directed by Clifford H. Aamoth, director of instrumental music at Springfield high since 1949.

The Edina-Morningside high school band, directed by Butler Eitel, will play for the Music Hour program April 10, and the Stillwater group, directed by George Regis, will present the May 8 program. The Mountain Lake high school chorus, directed by Jerry Kleinsasser, will present the May 15 program.

The Springfield concert band will play:

"Them Basses"-----Huffine
"American Overture for Band"-----Joseph Wilcox Jenkins
"Irish Tune from County Derry"-----Percy Grainger
"Tamerlane"-----Frank Erickson
"Eine Kleine Nachtausik"-----Mozart-King
The Brass Ensemble

Selections by the Springfield high school stage band will be announced.

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'U' ARMS CONTROL
CONFERENCE
OPENS WEDNESDAY

(FOR IMMEDIATE RELEASE)

Arms control will be discussed by a panel of national speakers at a three-day conference sponsored by the University of Minnesota and the Minnesota American Assembly on Arms Control which opens Wednesday (March 28) at the Ambassador Motor Hotel, 5225 Wayzata Boulevard.

Betty Goetz, special assistant to the director of the United States Arms Control Disarmament agency, Washington, D. C., will open the conference with an address at a 6 p. m. dinner Wednesday.

Other speakers on the program will include Lt. Col. Donald S. Bussey of the United States Army War college, Carlisle, Pa.; J. I. Coffey of the Institute for Defense Analyses, Washington, D. C.; Donald Michaels, planning and programs director of the Peace Research Institute, Washington, D. C.; Clifford Nelson, vice president of the American Assembly on Arms Control, New York, N. Y.

University of Minnesota faculty members on the panel of speakers are Dean Julius M. Nolte of the general extension division; Professor William C. Rogers, director of the World Affairs center and State Organization service; and Professor Barbara J. Stuhler, assistant director of the World Affairs Center.

The general extension division's World Affairs Center and Center for Continuation Study will conduct the conference, which runs through Saturday noon.

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'U' GROUPS TO
PRESENT BACH
LENTEN WORK

(FOR MUSIC PAGE)

The 25 members of the University of Minnesota Chamber Singers will join with a chamber orchestra and soloist from the newly organized group, the Solo-Chor in presenting Johann Sebastian Bach's "The Passion according to St. John" Friday, April 13, in Northrop Memorial auditorium.

The free public concert will be held at 8:30 p.m., according to Donald Aird, group director and assistant professor of music at the University.

"The St. John Passion is a traditional Lenten offering, according to Aird, and the opportunity to offer it on the Friday preceding Good Friday will provide an auspicious opening for the pre-Easter music season. While this Bach work customarily is presented by a far larger group, this organization of University and town's people---students, faculty, area soloists and choir directors from Twin Cities' choirs and musical organizations---will more nearly portray the performances as Bach himself directed them.

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'U' MUSIC HEAD
ON NATIONAL
CURRICULA GROUP

(FOR MUSIC PAGE RELEASE)

Professor Paul M. Oberg, chairman of the music and music education departments at the University of Minnesota, has been appointed to the subcommittee of the commission on curricula of the National Association of Schools of Music (NASM).

As a member of this committee, he, together with Dean E. William Doty of the University of Texas, will be responsible for all master degree programs in NASM member schools.

Professor Oberg's appointment on the commission extends to 1964.

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'U' PIANIST IN
RECITAL APRIL 1

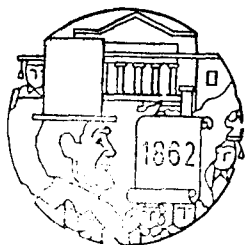
(FOR MUSIC PAGE)

Pianist Duncan R. McNab, University of Minnesota music department instructor, will present a free public recital at 3:30 p.m. Sunday (April 1) in Northrop Memorial auditorium.

A graduate of the Julliard School of Music, New York city, McNab was born in London, Ontario, and received the doctor of musicology degree from the University of Southern California.

McNab's program will include:

- "Sonata in D major, K.576"-----Mozart
- "Sonata in C minor, "Opus, posthumous-----Schubert
- "Passacaglia"-----Copland
- "Sonata in G minor", Opus 22-----Schumann



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'U' TO OFFER NIGHT CLASSES AT
ROBBINSDALE IN EXPERIMENTAL PROGRAM

(FOR IMMEDIATE RELEASE)

The University of Minnesota general extension division this fall will establish an experimental extension center offering evening classes at Robbinsdale high school for the 1962-63 school year, according to Huntington Miller, associate dean of the division.

The center will be established to serve the Northwest suburban area of metropolitan Minneapolis and Hennepin county in response to "what appears to be a very satisfactory expression of interest in such courses from local residents within a commuting distance from Robbinsdale High school", Dean Miller said.

Freshman and sophomore level courses will be offered on a quarterly basis in the following subjects: Freshman English, 12 credits; Humanities, nine credits; American Government and Politics, six credits; World Politics, three credits; Principles of Accounting, nine credits; Principles of Economics, six credits; Business-Law Contracts, three credits; College Algebra and Trigonometry, 10 credits; and Analytic Geometry and Calculus, five credits.

Dean Miller said the experiment with a suburban area extension center "represents a definite departure from the long-established policy of offering University evening classes on a regular basis only on the Minneapolis, St. Paul and Duluth campuses of the University and at extension centers in downtown St. Paul and Duluth".

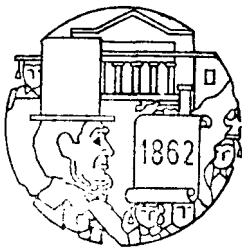
(MORE)

"The basic theory behind the experiment," he added, "is the belief on the part of the general extension division staff that there are many citizens in this suburban area who cannot be served by the division under existing conditions of transportation difficulties and work locations. It is the mission of the division to reach as many citizens of the state as possible with its services. It is hoped that the establishment of such a suburban area extension center will add an appreciable number of new students to the Twin Cities evening class rolls."

The future of the center as a permanent adjunct of the division will depend upon the enrollment statistics for this coming experimental year of operation, according to Dean Miller.

All of the University evening courses to be offered at Robbinsdale high school are basic for further work toward degrees in liberal arts, business administration or engineering. Prerequisites, in the form of general ability tests, will be required only for Freshman English and College Algebra. Only other prerequisites are that the courses be taken in sequence. They are open to all persons interested in beginning or pursuing their education in these subjects.

Formal schedule and descriptions of the courses, which will be offered weekly on various nights Monday through Thursday, will be published in a special brochure later this spring together with information as to enrollment requirement and procedures for registration. Registration will take place early in the fall at Robbinsdale high school.



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DUTCH ARCHITECT,
PIANIST SON
TO LECTURE AT 'U'

(FOR IMMEDIATE RELEASE)

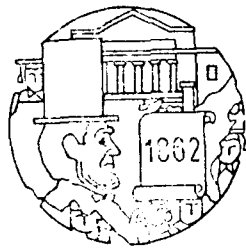
An unusual lecture-recital on "Creativity" will be given by a Dutch architect and his pianist son at 8 p.m. Thursday (March 29) in the Frederick Mann court of the School of Architecture building at the University of Minnesota.

H. Th. Wijdeveld, internationally known Dutch architect, educator, author, lecturer and publisher, and his son, Wolfgang, a composer-pianist, have been lecturing at schools of architecture throughout this country on "Creativity in Architecture and Music". This will be their thirteenth and last lecture-recital before returning to their home in Amsterdam, Holland.

Wolfgang Wijdeveld is professor in piano at the Conservatory of Utrecht, Holland, and music editor of Het Vrijje Volk, Dutch publication. His father is described as "one of that group of Dutch architects...who are essentially romanticists". A primary influence on his career came from his life-long friend, Frank Lloyd Wright.

The lecture is free and open to the public.

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MINERAL ECONOMICS
SEMINAR OFFERED
FOR 'U' MINE STUDENTS

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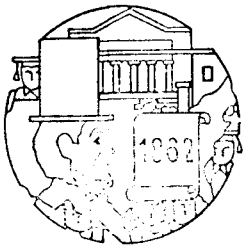
(FOR IMMEDIATE RELEASE)

Minneapolis --- A special seminar in mineral economics, being offered this spring to students in the school of mines and metallurgy at the University of Minnesota, will bring 12 outstanding men to the campus from other universities, corporations and the federal government.

The 10-week series is being presented in cooperation with the Warren Lecture series, established in 1954 by Mrs. Alice R. Warren-Gaarden, first woman regent of the University, in honor of G. H. and Frank M. Warren. The Warren lectures promote effective teaching education in the fields of mineral and metallurgical engineering.

According to Professor Eugene P. Pfleider, head of the school of mines and metallurgy, the seminar series is particularly appropriate at this time in view of the economics problems of the iron ore industry in northern Minnesota. Subject matter will range from minerals and world affairs to state mineral problems, taxation, marketing, special economic problems and the organizing and financing of mineral properties.

Two seminars will be presented each week on Tuesday and Wednesday. Among the men who will present seminar talks in the next few weeks are Elmer W. Pehrson, chief of the division of foreign activities, United States bureau of mines, Washington, D. C.; Earle Shoub, regional director, United States bureau of mines, Pittsburgh, Pa.; John Ridge, mineral economics professor and assistant dean, Pennsylvania State university; and D. G. Krige, financial engineer, Anglo-Gransvaal Consolidated Investment Co., Ltd., Johannesburg, South Africa (tentative).



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NSF RESEARCH GRANTS
IN STATISTICS AVAILABLE
FOR 'U' STUDENTS

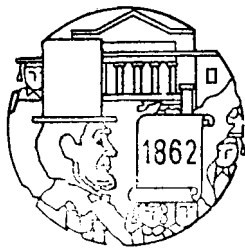
(FOR IMMEDIATE RELEASE)

A selected group of undergraduate students will be given the opportunity to assist in current research projects at the University of Minnesota next summer in a research participation program conducted by the statistics department and supported by the National Science Foundation (NSF).

Students selected will be assigned to projects in which statistics are being used or developed and will also engage in directed study or coursework. They will receive a stipend of \$600 for the 10-week program.

Purpose of the NSF program is to accelerate and enrich the scholarly development of undergraduate science students, B. W. Lindgren, assistant professor of mathematics and director of the program, said. Interested students of high ability who have not yet entered upon graduate work should make application for the program to Professor Lindgren, 228 Main Engineering building, by April 23.

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SPACE RESEARCH
FILMS TO BE SHOWN
AT 'U' MUSEUM

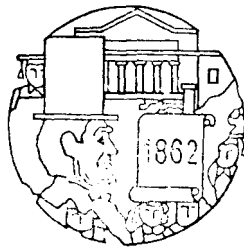
(FOR IMMEDIATE RELEASE)

"Space and Gravitational Research" will be the topic of two color sound films to be shown at 3 p.m. Sunday (April 1) in the Minnesota Museum of Natural History auditorium at the University of Minnesota.

Both are part of a Planet Earth film series, based on research done during the International Geophysical year. The first, entitled "Force of Gravity", deals with the nature of gravity, the history of early studies on the subject and the research which has been done in relation to space studies.

The second film, "Science in Space", concerns the development of space satellites, research in space and the tools being used for collecting scientific data.

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3 RECEIVE MEDICAL
FOUNDATION RESEARCH
GRANTS AT 'U'

1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

(FOR IMMEDIATE RELEASE)

Three University of Minnesota medical school faculty members have been awarded research grants by the Minnesota Medical Foundation, according to Dr. Arnold Lazarow, president of the volunteer organization of laymen and doctors.

The awards, totalling \$4,000, are the first issued under the Foundation's heart and cancer research program, permanently endowed in 1961 by a \$200,000 bequest from the late Arvid Olson, New Town, N. D.

The program, according to Dr. Lazarow, is intended to aid younger scientists and medical students who have meritorious projects, but lack financing from primary sources of research funds.

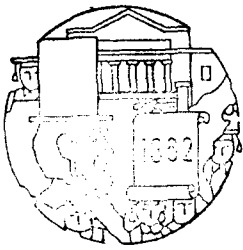
Grant recipients are:

Dr. Bertram F. Woolfrey, cancer research trainee and pathology instructor, 1277 Gibbs, St. Paul, awarded \$1,500 to begin a study aimed at development of an autoradiographic method of localizing enzyme activities in tissue sections.

Dr. Demetre M. Nicoloff, medical fellow specialist in surgery, 504 W. Franklin, Minneapolis, \$1,500 to investigate the effects of certain drugs on the problem of atherosclerosis.

Charles H. Blomquist, teaching assistant in the department of physiological chemistry, 613 Oak st., S. E., Minneapolis, \$1,000 to study hormone activity in heart muscle cell structure.

The 2,000-member Foundation also provides scholarships, faculty awards, student aids and publishing services for the University medical schools.



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(FOR IMMEDIATE RELEASE)

"Philosophy and Religion" will be the theme of eight lectures by Anders Nygren, Lutheran bishop of Lund, Sweden, to be broadcast by KUOM, University of Minnesota radio station at 1:30 p.m. Mondays, beginning April 2.

The lectures were originally delivered last spring on the University campus as part of a series of lectures on theological philosophy.

Bishop Nygren was president of the Lutheran World Federation from 1947 to 1952 and became bishop of Lund in 1949. He was a delegate to the Ecumenical Councils of Lausanne in 1927, Oxford in 1937, Edinburgh in 1937, Amsterdam in 1948 and Lund in 1952.

Titles and dates of broadcast for the eight lectures are as follows:

"What Is the Philosophy of Religion?" (April 2); "Metaphysical and Scientific Philosophy" (April 9); "The Problems of Meaning and Validity" (April 16); "The Philosophical Method: Analysis of Presuppositions" (April 23); "The Philosophical Broadening of the Concept of Meaning" (April 30); "Context of Meaning and Context of Motifs" (May 7); "Motif-Research" (May 14); and "Systematic Theology and Motif-Research" (May 21).

Bishop Nygren's lectures will be heard as a part of KUOM's regular Monday through Friday 1:30 program feature, "Public Affairs Forum.

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KUOM TO AIR
SERIES ON
DEMOCRACY

(FOR IMMEDIATE RELEASE)

"Democracy in America", a new series of dramatic programs based on the nineteenth century book by Alexis deTocqueville, will be broadcast by KUOM, University of Minnesota radio station, beginning at 6:30 p.m. Monday (April 2).

The series was launched by the National Broadcasting Company (NBC) radio network and was produced in the studios of the Canadian Broadcasting Corporation under the auspices of the "Education for Public Responsibility" project of the Fund for Adult Education.

The 14-program series on life in America during the 1830's proposes to illuminate the meaning of democracy by exploring the values, religion, education, law and spirit of reform as the distinguished French historian found them in American life.

KUOM, through the courtesy of KSTP, Twin Cities NBC outlet, will broadcast the programs on Monday and Wednesday evenings during April and May.

KUOM is at 770 K.C. on the radio dial.

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MAN, CIVILIZATION
TOPICS OF 'U'
LECTURE SERIES

(FOR IMMEDIATE RELEASE)

Three special lectures on "Man and Civilization" will be presented in a University of Minnesota Horizons series, beginning Monday (April 2), sponsored by the University medical school.

Mulford Q. Sibley, political science professor, will give the first lecture on "Politics and Man" at 8 p.m. Monday in Mayo Memorial auditorium.

On April 30, John Hafstrom, mathematics professor on the Duluth campus, will lecture on "Mathematics and Civilization". The series will conclude on May 14 with a lecture on "The Modern Mind" by Ralph Ross, humanities professor.

The lectures, free and open to the public, will be presented in cooperation with the liberal arts programs of the general extension division.

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"MATHEMATICS AND
GEOLOGY" is
LECTURE TOPIC

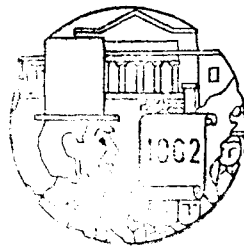
(FOR IMMEDIATE RELEASE)

"Mathematics Applied to Geology" will be the topic of a free lecture at 3:30 p.m. Monday (April 2) in room 120 Mines and Metallurgy building at the University of Minnesota.

The lecture will be given by Bernardo Grossling of the Inter-American Development Bank, a lending agency for capital development for Latin American countries.

His talk is a supplementary lecture in the distinguished lecture series in geophysics which has been presented at the University during the current school year. It is sponsored by the school of mines and metallurgy and is open to the public.

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'WORLD OF ENGLISH'
TO BE TOPIC OF
SPRING LECTURE SERIES

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OF THE LAND - GRANT ACT

(FOR IMMEDIATE RELEASE)

"The Many Faces of Languages: The World of English" will be the topic of the spring quarter lecture series, beginning April 18 at the University of Minnesota, presented by the liberal arts program of the general extension division.

Stanley B. Kegler, associate professor of language arts at University high school, will moderate the six Wednesday evening programs, to be given at 8 p.m. in the Minnesota Museum of Natural History auditorium. The lectures will run through May 23.

"Language and Society" will be discussed by Melville Jacobs of the University of Washington's department of anthropology at the opening lecture. Other titles in the series include: "Language and Behavior", James Jenkins, University of Minnesota psychology professor, April 25; "English Through the Ages", Louis Muinzer, Rutgers, The State University, New Brunswick, N.J., May 2; "Why Americans Speak the Way They Do", Harold Allen University of Minnesota English professor, May 9; "English as a World Force", L. F. Brasnahan, University College, Ibadan, Nigeria, May 16; and "The Beauty of English", Francis Utley, Ohio State University, Columbus, May 23.

Lecture series tickets at \$10 for the general public, and \$6.50 for educational admissions (for University students and staff members as well as all interested teachers and students throughout the area) may be purchased after Wednesday (March 28) at Room 156 Nicholson hall, on the Minneapolis campus. Mail inquiries should be addressed to Lecture Series, 156 Nicholson hall, University of Minnesota, Minneapolis 14, with all checks made payable to the University of Minnesota. No tickets to individual lectures will be sold, according to Harold Allen, faculty coordinator for this series.



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BULLIS TO DISCUSS
NEW BOOK
ON KUOM MONDAY

(FOR IMMEDIATE RELEASE)

Harry Bullis, former president and chairman of the board of General Mills, will discuss his new book "Manifesto for Americans" at 4:15 p. m. Monday (April 2) on the KUOM radio program "Book Chats".

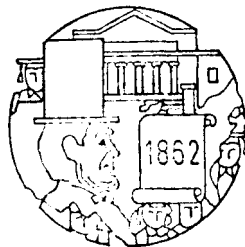
Bullis will be interviewed by Audrey June Booth, staff member of KUOM, 770 K.C., University radio station. At 1:30 p. m. Wednesday (April 4), he will be guest speaker on another KUOM program, "Public Affairs Forum", on which he will discuss in greater detail the message of his book.

"Manifesto for Americans" deals with foreign policy in various aspects, urging among other things a strengthened United Nations.

Bullis is chairman of the Council on World Tensions and is president of the American Freedom from Hunger Foundation, an organization associated with the United Nations. During his career as one of the area's industrial leaders, Bullis served on many government commissions and educational institutions. He was a director and officer of the United States Chamber of Commerce for 13 years.

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CREATIVE ARTS
CONVOCATION SET
MONDAY AT 'U'



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(FOR IMMEDIATE RELEASE)

Such samples of the creative arts as a pas de deux done to electronic music, a Japanese "Knh" dance, and a jazz combo will introduce the University of Minnesota's seventh annual Creative Arts Festival at a special two hour convocation Monday (April 2) in Northrop Memorial auditorium.

The public is invited to this preview of the week's activities starting at 11:30 a.m. The special convocation, composed of work of University students, faculty and staff, is sponsored by the University department of concerts and lectures.

Pianists Bernhard Weiser and Paul Freed, music department faculty members, will open the program with a two-piano suite, "From the Album of Allegra Harper--1867", a new composition by the former University faculty member, Dominick Argento. This suite is taken from Argento's new opera, "Colonel Jonathan, the Saint".

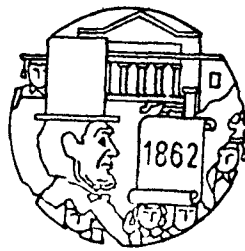
The Contemporary Dancers, a group of eight University students, in the "way out" costumes of leotards, tennis shoes and sweat shirts, will present a jazz dance, "Theme and Variations" by Robert Prince. Choreography is by William Hug.

Poet John Berryman, associate professor of humanities, will read four of his new poems and students James Keyes and Susan Bairge will present a pas de deux choreographed by Loyce Houlton.

The Japanese "Knh" dance, "Dance of the Pennons" will be performed by the Contemporary Dancers. Students Bill Peet and Gene Uphoff will sing the very old and the very new in folksongs to conclude the first hour of the program.

At 12:30 a one-act play, "Bombast", by Hertha Schulze presents possible ironic results of building a bomb shelter.

"Reprise"---to the Festival committee's knowledge, a truly unique presentation---will wind up the festival preview convocation. In this finale, original paintings by three University art department faculty members will be interpreted in the four major fields of creative arts. John Beauchamp's painting, "Prima Vera" will be presented in literature by a reading by Morgan Blum, assistant professor of English. Walter Quirt's painting, "3 Figures" will be interpreted by the Contemporary dancers. Peter Busa's "Yellow Polarity" will be depicted by the jazz combo and Quirt's "Man on Horseback" will be done by the folksingers.



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PRESIDENT EMERITUS MORRILL OF THE LAND - GRANT ACT
TO SPEAK AT 'U' LAND-GRANT
CONVOCATION APRIL 12

(FOR IMMEDIATE RELEASE)

Minneapolis --- President Emeritus J. L. Morrill of the University of Minnesota will deliver the main address at the University's Land-Grant Centennial convocation, Thursday, April 12, in Northrop Memorial auditorium.

Morrill, who is now director of the Ford Foundation's overseas development program in Latin America and the Caribbean, will speak on "The Land-Grant Tradition in American Education" at the 11:30 a. m. convocation. The program will be open free to the public.

This will be Dr. Morrill's first official visit to the University since he retired from the chancellorship July 1, 1960. His office now is in New York.

Dr. Morrill, the University's eighth president, is generally regarded as the "elder statesman" of the land-grant movement. During his 15 years as president of the University, he held many high offices in the American Association of Land-Grant Colleges and Universities, serving as president of the group in 1947-48.

The convocation will be followed by a Centennial luncheon, also open to the public, in Coffman Memorial Union main ballroom. State legislators, civic leaders, the University's 2,400 Land-Grant sponsors and faculty members have received special invitations to attend the luncheon. The menu will consist entirely of varieties of foods which have either been developed by University researchers or on which University scientists have conducted research.

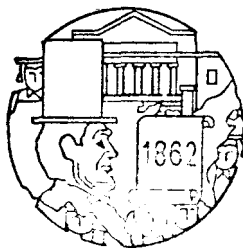
(MORE)

The University of Minnesota is one of 68 Land-Grant colleges and universities in the United States and Puerto Rico celebrating the centennial of the Land-Grant Act of 1862. This legislation set aside several acres of land in each of the states, with provision that proceeds from the sale of the lands be used for state support of institutions of higher learning open to the general population. The act particularly provided for programs in agricultural and technological education. In Minnesota, it gave important financial impetus to the University in its early years.

Preceding the convocation, the University Symphony Band, under the direction of Fred Nyline, will play a half-hour concert from the steps of Northrop Memorial auditorium. The concert will begin at 11 a. m. A brief choral program, featuring songs of the 1860's, will be given by University music department students at the opening of the convocation. A filmed Land-Grant message from United States President John F. Kennedy also will be shown.

University President O. Meredith Wilson will introduce Dr. Morrill before the main convocation address. Also present on the stage will be members of the University Board of Regents and of the administrative committee.

Tickets for the luncheon, \$1.75 each, may be purchased from Department of University Relations, 213 Administration building, University of Minnesota, Minneapolis 14, or on campus at the Coffman Memorial Union information booth or the Campus Club.



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65 'U' SCIENTISTS'
REPORTS TO BE GIVEN
AT BIOLOGY MEET

(FOR IMMEDIATE RELEASE)

Sixty-five scientific papers reporting on results of recent research at the University of Minnesota will be presented at the forty-sixth annual meeting of the Federation of American Societies for Experimental Biology (FASEB) April 14-18 in Atlantic City, N. J.

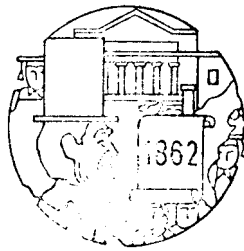
The meeting will be the largest scientific convention ever held anywhere in the world. Registration is expected to exceed 13,000, with 2,986 scientific papers scheduled to be presented.

The University of Minnesota reports will represent work done by more than 150 scientists from the Minneapolis and St. Paul campuses, the Mayo Foundation and the Hormel Institute.

During the 284 half-day sessions scheduled for the meeting, University of Minnesota scientists will report on work in such fields as pharmacology, pathology, immunology, physiology, biochemistry and nutrition.

Further reports will be made at 54 intersociety sessions dealing mostly with current fundamental problems of diseases that experimental biologists in all fields are attempting to conquer.

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MARCH 30, 1962

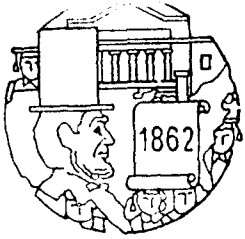
GENETICIST TO TALK
ON CHROMOSOMES
IN 'U' LECTURE

(FOR IMMEDIATE RELEASE)

Dr. Klaus Patau, associate professor in the departments of medical genetics and pathology at the University of Wisconsin will speak at the University of Minnesota at 4 p.m. Thursday (April 5) in Mayo Memorial auditorium.

Topic of his lecture will be "Chromosomal Abnormalities in Man and Their Clinical Consequences". The lecture, free and open to the public, is sponsored by the Minnesota State Health department and the University's Dight Institute of Genetics.

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

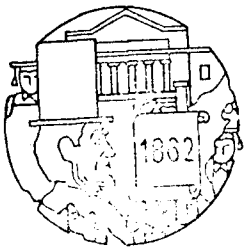
- Sunday, April 1 --- Pianist Duncan R. McNab, University music department instructor, in a recital at 3:30 p.m., Northrop Memorial auditorium. Free, open to public.
- "Space and Gravitational Research", two color sound films, 3 p.m., Minnesota Museum of Natural History auditorium. Free, open to public.
- University gallery: "The 19th Century: 125 Master Drawings", a major exhibition from David to Cezanne, 2-5 p.m., fourth floor, Northrop Memorial auditorium. (Open 10-5 weekdays)
Also on view: Thesis show, Lawrence Hanson; John Rood Sculpture collection; Pottery from local collections; International Graphic Arts Society prints. Third floor, Northrop Memorial auditorium. 2-5 p.m. Sunday. Open school hours, weekdays.
- Monday, April 2 --- University of Minnesota Creative Arts Festival Preview special, two-hour convocation, 11:30 a.m., Northrop Memorial auditorium. Free, open to public.
- "Mathematics Applied to Geology", lecture by Bernardo Grossling, Inter-American Development Bank, at 3:30 p.m., 120 Mines and Metallurgy building. Free, open to public.
- "Politics and Man", lecture by Mulford Q. Sibley, political science professor, 8 p.m., Mayo Memorial auditorium. Free, open to public.
- Tuesday, April 3 --- Creative Arts Festival activities.
- Springfield High School band, guest of "Music Hour", 11:30 a.m., Northrop Memorial auditorium. Free, open to public.
- Wednesday, April 4---Creative Arts Festival activities.
- "Psychology of the Individual", lecture by Gordon W. Allport, professor of psychology, Harvard university, 3:30 p.m., Murphy hall auditorium. Free, open to public.
- "Fossil Ape-Men of South Africa and their Environment", lecture by Dr. H.B.S. Cooke, formerly of the University of the Witwatersrand, Johannesburg, South Africa. 8 p.m., Minnesota Museum of Natural History. Free, open to public.

(MORE)

CONCERTS AND LECTURES

- 2 -

- Thursday, April 5 --- Creative Arts Festival activities.
- Convocation: Preview of the 1962 spring season of the Metropolitan Opera by Boris Goldovsky, master of ceremonies of the Metropolitan Opera News of the Air. 11:30 a.m., Northrop Memorial auditorium, free.
- Convocation: "The Reality of Terror", lecture by Dickey Chapelle, foreign correspondent, 12:30 p.m., Northrop Memorial auditorium. Free, open to public.
- Dr. Klaus Patau, associate professor in departments of medical genetics and pathology, University of Wisconsin, lecture on "Chromosomal Abnormalities in Man and Their Clinical Consequences", 4 p.m., Mayo Memorial auditorium. Free, open to public.
- "A Model of Economic Growth in an Open Economy", lecture by George H. Borts, economics professor at Brown university, 3:30 p.m., Room 2 Vincent hall. Free.
- "Regression Analysis of Sample Survey Data", lecture by Hendrik S. Konijn, University of Sydney, Australia, 4 p.m., Room 407, Johnston hall. Free, open to public.
- Friday, April 6 --- Creative Arts Festival activities.
- "Some Problems in Identification", economics lecture by Hendrik S. Konijn, visiting professor at Yale university, 4 p.m., Room 2 Vincent hall. Free, open to public.
- "A Single-cell Analysis of the Primate Visual System", psychology lecture by Russell L. DeValois, associate professor of psychology, Indiana university, 3:30 p.m., Room 35 Architecture building. Free, open to public.
- "Space Propulsion Engines--Their Characteristics and Research Problems", Sigma Xi lecture by Maurice J. Zucrow, Atkins professor of engineering, Purdue university, 8 p.m., Mayo Memorial auditorium. Free, open to public.
- Saturday, April 7 --- International Spring Festival presented by University foreign students. "Pageant of Nations", 8 p.m., Northrop Memorial auditorium. Admission.
- Sunday, April 8 --- Foreign students festival. International menu, noon to 6 p.m., Coffman Memorial Union cafeteria, admission. Cultural exhibits, 12-6 p.m.; slide show, 2:30-6 p.m.; flower arranging, 4-4:30 p.m. Coffman Memorial Union main ballroom. Free, open to public.
- "Lobstering Down East Maine", program by Elmer Albinson, director, American Swedish Institute, Minneapolis, 3 p.m., Minnesota Museum of Natural History. Free, open to public.



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3 'U' RESEARCHERS
GET AIR FORCE GRANTS

(FOR IMMEDIATE RELEASE)

Three grants totaling \$91,514 have been awarded to the University of Minnesota by the Air Force Office of Scientific Research, Washington, D. C., to finance basic research in the fields of mechanics, mathematics and general physics.

The grants are:

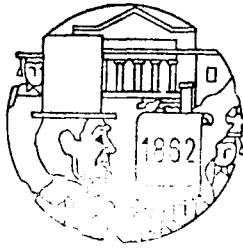
* \$38,685 for a mathematical analysis of certain vibrating systems, directed by P. R. Sethna, associate professor of aeronautical and engineering mechanics.

* \$4,287, for research in Riemann surfaces, by Adriano Garsia, associate professor of mathematics (Garsia is currently on leave at California Institute of Technology, Pasadena.

* \$48,542 for an investigation of the properties of liquid helium by William Zimmerman, Jr., assistant professor of physics.

Recipients of the grants are selected on the basis of the caliber and originality of the proposed research, the competence of the principal investigator, the facilities available to him and the relevance of the research to Air Force interests.

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TWO ECONOMISTS
TO TALK AT 'U'

(FOR IMMEDIATE RELEASE)

Two economics professors will visit the campus of the University of Minnesota Thursday and Friday (April 5-6) to deliver lectures presented by the economics and statistics departments.

George H. Borts, economics professor at Brown university, Providence, R. I., will speak on "A Model of Economic Growth in an Open Economy" at 3:30 p.m. Thursday in Room 2, Vincent hall.

Professor Hendrik S. Konijn of the University of Sydney, Australia, and currently a visiting professor at Yale university, New Haven, Conn., will speak to statisticians at 4 p.m. Thursday in Room 407 Johnston hall. His subject will be "Regression Analysis of Sample Survey Data".

On Friday, Professor Konijn will give an economics lecture on "Some Problems in Identification" at 4 p.m. in Room 2, Vincent hall.

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'U' PROFESSOR
RECEIVES HIGH
PAKISTANI HONOR

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(FOR IMMEDIATE RELEASE)

The Sitara-i-Pakistan (Star of Pakistan) medal, equivalent to British knighthood, has been conferred upon Samuel M. Burke, professor and consultant in South Asian studies at the University of Minnesota.

Professor Burke, a native of Pakistan, received word this week that he had been awarded the medal by President Muhammad Ayube Khan, on Pakistan Day, March 23, the national holiday on which the president traditionally issues an honors list.

The medal, which is given for meritorious service to Pakistan, entitles Professor Burke to use the letters S.Pk. following his name. This is similar to the title "Sir", which British subjects are given after knighthood is bestowed.

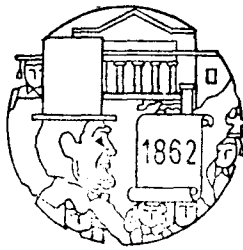
During Professor Burke's career as Pakistan minister and ambassador to 11 foreign countries, before coming to Minnesota, he was offered decorations by five kings and three presidents but could not accept them, he explained, because Pakistani law forbade acceptance of foreign decorations.

"But this decoration means the most to me," Professor Burke said. He is also a fellow of the Royal Society of Arts, London, England.

Professor Burke came to the University in 1961, following his resignation from the Pakistan Foreign Service, where he had held various posts since 1948 including minister of the Pakistan embassy, Washington, D. C. and high commissioner for Pakistan in Canada.

He began his career in the former Indian Civil Service in 1931, as a district officer and judge. At the time of India's partition in 1946, he was appointed chairman of the first election petitions commission, Punjab.

Professor Burke joined the Pakistan Foreign Service in 1958 as deputy secretary in the Ministry of Foreign Affairs and Commonwealth Relations, Karachi. His subsequent career as ambassador and minister for Pakistan took him to the United Kingdom, Brazil, Sweden, Norway, Denmark, Finland, Thailand, Laos, Cambodia, Canada and the United States.



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EARLY SOUTH AFRICA
MAN TOPIC OF
"U" LECTURE WEDNESDAY

(FOR IMMEDIATE RELEASE)

H. B. S. Cooke, an authority on the South African fossil ape-men will speak on that subject at 8 p. m. Wednesday (April 4) in the Minnesota Museum of Natural History at the University of Minnesota.

Cooke, a former reader in geology at the University of the Witwatersrand, Johannesburg, South Africa, received the doctor of philosophy degree at Cambridge university, England, for research in geology and fossil mammals of South Africa. He was associated with the discovery and study of South Africa fossil ape-men in the 1930's and '40's, and also worked in East Africa, Egypt and elsewhere on the African continent.

In the late 1940's, he was a member of a University of California African expedition, and in 1957-58 was a visiting research associate on the Berkeley, Calif., campus where he studied material collected by the expedition.

At present, Cooke is professor of geology at Dalhousie university, Halifax, Nova Scotia. His free, public lecture is co-sponsored by the departments of anthropology, geology and mineralogy, and concerts and lectures.



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HARVARD PSYCHOLOGIST
TO TALK AT 'U'

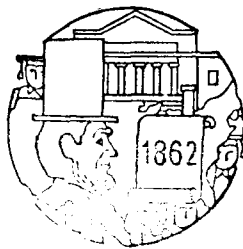
(FOR IMMEDIATE RELEASE)

"Psychology of the Individual" will be the topic of a free lecture by Gordon W. Allport, Harvard university psychology professor, at 3:30 p.m. Wednesday in Murphy hall auditorium at the University of Minnesota.

Professor Allport is a past president of the American Psychological association. His lecture is sponsored by the Center for Personality Research and the departments of psychology and concerts and lectures.

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OPERA EXPERT,
WAR CORRESPONDENT
TO APPEAR AT 'U'



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(FOR IMMEDIATE RELEASE)

A "double feature" program at the University of Minnesota's convocation Thursday (April 5) in Northrop Memorial auditorium will present two personalities from the worlds of music and current affairs.

At 11:30 a.m., Boris Goldovsky, master of ceremonies of the Metropolitan Opera News of the Air, will preview the six operas to be presented in Northrop Memorial auditorium in May during the annual appearance here of the Metropolitan Opera company.

Following the Goldovsky program, Dickey Chapelle, foreign correspondent, writer and photographer, will speak at 12:30 p.m. on "The Reality of Terror", based on her travels to trouble spots of the world.

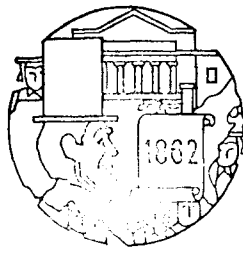
Goldovsky is a winner of the Peabody Award for outstanding contribution to radio music. His "Opera News of the Air" is heard on Saturday afternoon during intermissions in the broadcasts of Metropolitan opera performances. His "Piano Portraits" lecture-recitals have also won praise from critics and audiences across the country.

Born in Moscow, Goldovsky studied piano in Berlin with Artur Schnabel and made his solo debut at the age of 13 with the Berlin Philharmonic. He came to this country in 1930, studied under Fritz Reiner at the Curtis Institute of Music, Philadelphia, Pa., where his mother was a faculty member, and later served as assistant to Reiner and to conductor Artur Rodzinski.

Miss Chapelle has been a frontline eyewitness in the past year to 17 military operations by Asian troupes against the Communists. She parachuted with the Vietnamese Airborne Brigade six times onto dropzones which had to be cleared of snipers before she and the men could land on them.

In action with the brigade, she walked more than 200 miles, photographing the dead and wounded of both sides, as well as Red prisoners and suspects. Her book, "What's a Woman Doing Here" was published in January of this year with a condensation of the book appearing in the February issue of Reader's Digest.

Miss Chapelle became the youngest accredited American war correspondent in 1942, covering the battles of Iwo Jima and Okinawa. She has since worked under fire in four revolutions in Hungary, Algeria, Lebanon and Cuba. Her reports have appeared in several national magazines.



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PARENTS' QUESTIONS
ON SCHOOL TO BE
Aired ON KUOM

(FOR IMMEDIATE RELEASE)

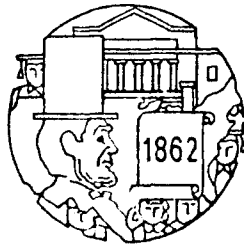
"Parents Ask About School" will be the topic of a series of 14 five-minute programs to be broadcast on KUOM, University of Minnesota radio station, 770 K.C., at 12:10 p. m. Wednesdays beginning this week (April 4).

The series was produced by the National Education association. In the programs, leading educators from around the nation give answers to actual questions on timely school subjects ranging from teaching machines to I. Q. scores.

The questions were selected from an original list of more than 700 obtained from the National Congress of Parents and Teachers from surveys of local school systems in many states and from the National Education association research division.

Answers to the questions were recorded at on-the-spot locations in 35 cities ranging across 17 states from professors, superintendents, principals, specialists and classroom teachers on all grade levels.

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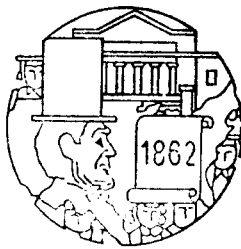
(FOR MUSIC PAGE)

Sixty members of the Edina-Morningside high school concert band will appear on the University of Minnesota Music Hour program Tuesday, April 10.

The free public program will be given at 11:30 a. m. in Northrop Memorial auditorium, according to Professor Paul M. Oberg, music and music education departments director at the University.

The appearance of the Edina-Morningside group, directed by Butler Eitel, will be the second in the series of appearances of Minnesota high school musical organizations during the spring quarter at the University, Oberg said. The Springfield high group appeared on April 3, and the Stillwater band will be on campus May 8.

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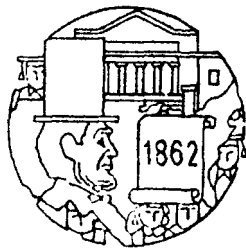
FAMILY ROLE
IN PERSONALITY
TOPIC OF 'U' LECTURE

(FOR IMMEDIATE RELEASE)

"Some Approaches to Studying the Role of Family Relations in Personality Development" will be the topic of a lecture by Dr. Wesley Becker of the University of Illinois department of psychology, Champaign, at 3:30 p. m. Friday (April 6) in Murphy hall auditorium at the University of Minnesota.

The lecture is sponsored by the institute of child development.

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15 TO RETIRE
FROM 'U' FACULTY
THIS YEAR

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(FOR IMMEDIATE RELEASE)

Minneapolis --- Fifteen University of Minnesota faculty members will retire this year with a total of 519 years of service, University President O. Meredith Wilson announced today.

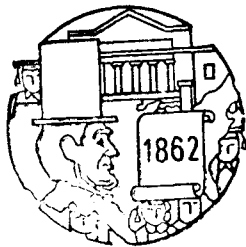
Among those retiring will be Gertrude M. Baker, professor and director of the department of physical education for women, and John D. Akerman, professor and director of the Rosemount Aeronautical Laboratories. All other retirements, except that of Professor Akerman, will be effective by June 30. He will retire Sept. 1.

William S. Williams, assistant professor of mechanical engineering; Monica Langtry, assistant professor of rhetoric; and Professor Baker will retire with the longest records of service---43 years each.

John H. Kuhlmann, professor of electrical engineering, has 42 years of service.

Those retiring with 30 or more years on the University faculty are: Donald C. Heath, associate professor of architecture, 38 years; William T. Heron, professor of psychology, 36 years; James W. Kernohan, professor of pathology at Mayo Foundation, 36 years; Izaak M. Kolthoff, professor of chemistry and chief of the division of analytical chemistry, 35 years; Dr. Louis E. Prickman, associate professor of medicine, Mayo Foundation, 34 years; Axel B. Algren, professor of mechanical engineering, 34 years; Professor Akerman, 33 years; Dr. Frank J. Heck, professor of medicine, Mayo Foundation, 30 years.

Others retiring are: Bernard F. McKenzie, assistant professor of physiological chemistry, Mayo Foundation, 29 years; Clifford P. Archer, professor of elementary education, 24 years; and George W. Anderson, associate professor of history, 19 years.



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MAINE FISHERMAN
TOPIC OF 'U'
MUSEUM FILM

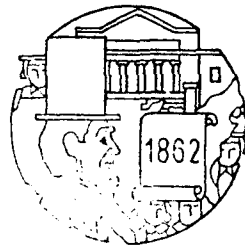
(FOR IMMEDIATE RELEASE)

A film depicting the life of the old-time lobster fisherman along the coast of northern Maine will be shown at 3 p. m. Sunday (April 8) in the Minnesota Museum of Natural History at the University of Minnesota.

The color sound film is the work of Elmer Albinson, director of the American Swedish Institute, Minneapolis, who has spent the past several summers traveling up and down the Maine coast. He and Mrs. Albinson, chairman of the German department at Macalester college, St. Paul, set out to find one of the oldest and most picturesque fishermen in that area. They found him in Cutler, Maine, at the northern tip of the state, and accompanied him on his little fishing boat to film him at his work.

The work of another local amateur photographer, Robert Haddon, will also be included in the free program. Haddon, a commercial artist, has been photographing flying gulls for many years at Gooseberry Falls in northern Minnesota, along the shores of Lake Superior. He has set his "gull ballet" to the music of Beethoven's Sixth (Pastoral) Symphony, in a film which shows the grace and beauty of the flying birds.

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SIGMA XI LECTURER
TO SPEAK ON
SPACE FLIGHT ENGINES

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(FOR IMMEDIATE RELEASE)

The propulsion engines which will be employed for conducting space missions (April 6) during the next decade will be the subject of a Sigma Xi lecture at 8 p.m. Friday/ in Mayo Memorial auditorium at the University of Minnesota.

Maurice J. Zucrow, Atkins professor of engineering at Purdue university, Lafayette, Ind., will deliver the free, public lecture entitled "Space Propulsion Engines--Their Characteristics and Research Problems".

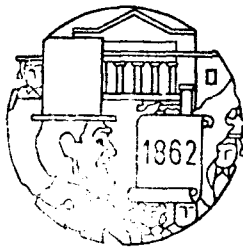
Zucrow joined the Purdue faculty in 1946, after 18 years of industrial experience in such fields as internal combustion engines, industrial instruments and control apparatus, gas turbine, and rocket engines. He received a bachelor of science and a master of science degree in mechanical engineering from Harvard university, and the doctor of philosophy degree from Purdue.

He has served the national government in many advisory capacities, including membership in a committee on guided missiles, the ordnance scientific advisory committee, the national advisory committee for aeronautics, and an advisory committee on chemical energy systems for the national aeronautics and space administration (NASA).

Since 1960, he has been a member of the technical advisory panel of the committee on science and astronautics for the House of Representatives and has been a member of the board of directors of the American Rocket society since 1957.

Professor Zucrow's lecture at the University is one of 18 which he is delivering this month at colleges and universities, under the sponsorship of Sigma Xi, national organization for the encouragement of scientific research. Max O. Schultze, agricultural biochemistry professor, is president of the Minnesota chapter.

In his talk, Professor Zucrow will describe the many differing types of rocket jet propulsion engines required for space travel, ranging in power from a fraction of a pound to millions of pounds. The various types include chemical, nuclear and electric, such as electrothermal, plasma and ion.



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2 VISITING PROFESSORS
NAMED FOR 'U' FACULTY
IN INDUSTRIAL RELATIONS

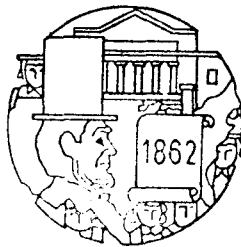
(FOR IMMEDIATE RELEASE)

Two noted visiting faculty members will join the industrial relations faculty at the University of Minnesota for the summer session.

Professor Richard P. Calhoun, University of North Carolina, Chapel Hill, N. C., will teach courses in personnel administration and wage and salary administration. Professor Dale Yoder of the Stanford university graduate school of business and former director of the University of Minnesota Industrial Relations Center, will teach a seminar in manpower management.

Professor George W. England of the University of Minnesota industrial relations department will exchange places with Professor Calhoun at the University of North Carolina and will teach courses in employee selection and personnel.

Other industrial relations staff members who are or will be at other institutions this year include: Professor George Seltzer, currently on leave at the University College of Rhodesia and Nyasaland, Salisbury, Southern Rhodesia; Professor Herbert G. Heneman, Jr., who will participate during June in a seminar at the Carnegie Institute of Technology on the Problems of Organizational Theory, and a seminar at the University of Pittsburgh on The Social Science of Organizations; and Professor Thomas A. Mahoney, who will attend a seminar on New Developments in Business Administration at Williams College in August.



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'U' RECEIVES
\$482,126 FOR
RESEARCH PROJECTS

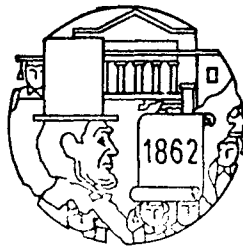
(FOR IMMEDIATE RELEASE)

Five new research grants totalling \$482,126 have been awarded to the University of Minnesota by the United States Public Health Service to finance research in the fields of heart, allergy and infectious diseases and general medical sciences.

Two of the projects will be carried out by Rochester faculty members. They are Eugene Ackerman, associate professor of biophysics, who will study computer processing in biomedical systems under a grant for \$112,723, and Dr. Archie H. Baggenstoss, pathology professor, who will do research in cellular and subcellular pathology, under a \$98,484 grant.

The remaining three grants will go to Dr. Kurt Amplatz, assistant professor of radiology, \$34,324, for hemodynamics study by a radiographic technique; Dr. Murray J. Murray, assistant professor of medicine, \$17,188, for a study of azygos venous system in portal hypertension; and John Spizizen, professor and head of microbiology, \$8,200, for studies on the minimal viral replicating unit.

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HARVARD ARCHITECT
TO SPEAK ON
TWIN CITIES PLANNING

(FOR IMMEDIATE RELEASE)

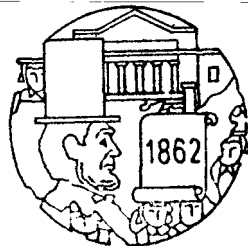
The chairman of Harvard university's department of city and regional planning will view the Twin Cities 50 years from now in a free lecture at 3:30 p.m. Friday (April 6) at the University of Minnesota.

Reginald R. Isaacs, who is Charles Dyer Norton professor of regional planning at Harvard, will speak on "Goals for 2012: a retrospective and prospective view of the Twin Cities" in the Frederick Mann court of the Architecture building.

An alumnus of the University of Minnesota, Professor Isaacs received a bachelor of architecture degree in 1935 and a master of architecture in 1939 from Harvard. He is particularly identified with extensive planning activities in south side Chicago, including the directorship of planning for Michael Reese hospital, the South Side Planning board, the Metropolitan Housing and Planning council, and the Chicago Planning commission.

-UNS-

INDIVIDUAL PUPIL
FOCUS OF 'U'
EDUCATION INSTITUTE



UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
MINNEAPOLIS 14, MINNESOTA
FEderal 2-8158 EXT. 6700
APRIL 4, 1962

1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

(FOR IMMEDIATE RELEASE)

"Focus on the Individual Pupil" will be the theme of the University of Minnesota's annual Institute on Elementary Education Monday and Tuesday (April 9 and 10) at the Center for Continuation Study.

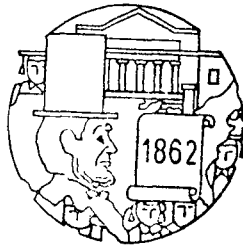
Richard B. Simons, Continuation Center coordinator, said the institute was designed to help check a "drift toward impersonal solutions to vital educational problems".

"This trend," he said, "has been pointed out by several National Education association(NEA) departments in the NEA bulletin 'Labels and Fingerprints'."

The institute, he explained, will be devoted to such questions as: How can we develop a sense of dignity, recognize potentialities, unlo se creative powers, stimulate initiative and develop personal worth of the individual? How can we develop the individual and still help him acquire the skills of working in a group?

Robert Gilchrist, superintendent of schools at University City, Mo., and former director of curriculum in the Minneapolis public schools in the early 1950's, will keynote the institute in an address at 9 a.m. Monday. His topic will be the institute's theme, "Focus on the Individual Pupil". Gilchrist worked on the NEA committee which prepared "Labels and Fingerprints" and has been a leader in educational research on individual differences in children.

Erling Johnson, Minnesota state commissioner of education, will welcome institute participants. In addition to University college of education faculty members, speakers will include Orville B. Aftreth, principal of Motley and Sidney Pratt elementary schools in Minneapolis; James Fishbaugher, Edina-Morningside public schools teacher; Stanley Gilbertson, Bloomington public schools curriculum coordinator; Frederick M. King, director of instruction for Rochester public schools; Josephine Kremer, director of elementary education for Austin public schools; Arthur J. Lewis, assistant superintendent of schools for Minneapolis; Mabel Melby, Minneapolis Board of Education consultant; Laurel Pennock, Jefferson elementary school principal, Rochester; and Emmett Williams, Roseville schools superintendent.



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U.S. GEOPHYSICS
HEAD TO SPEAK
AT 'U' TUESDAY

(FOR IMMEDIATE RELEASE)

James Balsley, chief of the geophysics branch of the United States geological survey, will deliver the ninth distinguished lecture in geophysics at the University of Minnesota at 7:30 p. m. Tuesday (April 10) in Murphy hall auditorium.

A pioneer in the development and use of the airborne magnetometer, an instrument which has revolutionized exploration for minerals in the past 15 years, Balsley will speak on "Rock Magnetism as a Geologic Tool".

For the past several years, Balsley has investigated ways in which fossil magnetism in rocks could be used to study the course of geologic history since the rocks were formed. Studies of this type have provided support for such theories as the drifting of continents for thousands of miles across ocean basins.

The geophysics lecture series is sponsored by the school of mines and metallurgy, and the departments of mechanical engineering and concerts and lectures. The lecture is free and open to the public.

-UNS-

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'U' Theater Announces-----
13 McKNIGHT FELLOWSHIP WINNERS:
TO WORK AT 'U' AND GUTHRIE THEATER

(FOR 9 a.m. RELEASE APRIL 5)

Minneapolis----- Thirteen graduate students in the theater arts have been named as the first recipients of McKnight Foundation Graduate Theater Fellowships, according to Professor Kenneth L. Graham of the University of Minnesota theater department and chairman of the Foundation's fellowship selection committee.

The McKnight Foundation of St. Paul, Minn., has established a program of Graduate Theater Fellowships to be carried out jointly by the University theater department and the Tyrone Guthrie theater, Minneapolis.

"Our goal is to provide an opportunity for outstanding graduate students in educational theater to participate in the Tyrone Guthrie theater in Minneapolis, and, at the same time, work toward a graduate degree at the University of Minnesota theater", according to Walter Trenerry, McKnight Foundation president.

Winners of the nation-wide competition will devote full time during the fall and winter quarters of the 1962-63 academic year to graduate study and active work in the University theater, and, in the spring and summer quarters, will work in their various fields with the Guthrie Theater Playing company in the Tyrone Guthrie Theater, Minneapolis.

Theatrical fields in which the Fellows will work include acting, playwriting, directing, business management, scene designing and costuming, Professor Graham said.

"The winners will work with the top people in their fields," according to Graham. "Sir Tyrone Guthrie will be in charge of direction. Actor Douglass Campbell, now playing in 'Gideon' on Broadway, will work with the actors and actresses. The English artistic director and scenic decor designer, Tanya McSeiwitsch will supervise the winners in design and costuming. The Guthrie Theater's administrative director, Oliver Rea, will supervise the theater business management winners.

MORE

add McKnight Foundation Fellowships---

Of the hundreds inquiring about fellowships, approximately 60 theater students from 49 institutions throughout the United States, nominated by their college or university theater directors, qualified for the awards, Graham said.

Prerequisites for the nominations----open only to graduating seniors or graduate students---- were: demonstrated outstanding ability in a theater area; high scholarship, and excellent qualities of character and personality.

In selecting the winners, financial need was not considered a factor; the amount of the stipend, from \$600 to \$3,000, was, however, based upon evidence of need, Graham said. "As winners are not to hold any 'outside' job of any sort, either while working at the University or with the Guthrie Theater, the fellows' family circumstances had to be taken into consideration", he explained.

McKnight Fellowship winners will be an integral part of the Guthrie Theater Playing Company, not, in any way to be regarded or thought of as 'apprentices or underlings", Graham emphasized. "For example", he said, "they will understudy the leads and carry minor roles with the repertory theater company. All needs for 'extras' will be filled locally. The technicians will be active in every production of the season, and the fellows will have the added advantage of literally 'being in on the ground floor' for the grand opening of the Guthrie Theater in May, 1963".

McKnight Fellowship winners for the 1962-63 year are:

Playwriting: James Lineberger, 111 Rich st., Concord, N. C., bachelor of arts degree from Catawba college, Salisbury, N. C., and master of arts from the University of Minnesota.

Scene Design and Costuming: Hertha Schulze, 1918 Walden place, Minneapolis, bachelor of arts, University of Minnesota, master of arts, Radcliffe college, Cambridge, Mass.

Carolyn Parker, 751 Church st., Beloit, Wis., bachelor of arts, Beloit college, Beloit, and master of arts, University of Wisconsin, Madison, Wis.

(MORE)

add McKnight Foundation Fellowships---3

Business Management: William Boughton, 1047 13th ave. S.E., Minneapolis, bachelor of science, University of Minnesota (and currently working at the University for the master's degree).

Direction: Alfred Rossi, 1015 Essex st., S. E., Minneapolis, bachelor of arts, Loyola university, Chicago, and master of arts, Kansas university, Lawrence, Kan.

John Going, 1018 Pleasure road, Lancaster, Pa., (currently, Honor Guard Company, 1st Battle Group, 3rd Infantry, Fort Meyer, Va.) bachelor of arts, Catholic university, Washington, D. C.

Actors: Michael Levin, 2621 Oak Park ave. N., Minneapolis, bachelor's and master's degrees from the University of Minnesota.

Charles Cioffi, 1208-J, University Village, East Lansing, Mich., bachelor's and master's from Michigan State university, East Lansing, Mich.

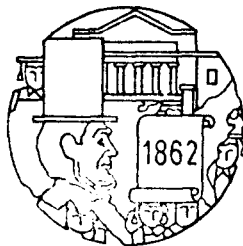
William Pogue, 2010 W. Virginia ave., Phoenix, Ariz., (present address #514 2185 Vine st., Denver, bachelor of arts, University of Denver.

John Lewin, 330 5th ave., S.E., Minneapolis, bachelor of arts, Macalester college, master's, University of Minnesota.

Actresses: Lyn Edgington, 422 Parkwood drive, Los Angeles 24, bachelor of science, University of Wisconsin, Madison.

Katherine Emery, 321 Davis st., Evanston, Ill., bachelor of science, Northwestern university.

Carol Emshoff, 2156 W. 107th st., Chicago 43, (presently on tour with the Catholic University Players) bachelor of arts, Denison college, Granville, O.



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D. G. PATERSON
LECTURE SET
APRIL 11 AT 'U'

(FOR IMMEDIATE RELEASE)

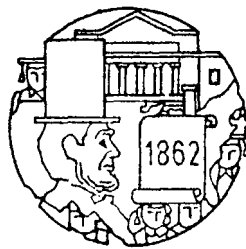
The first Donald G. Paterson Memorial lecture, established in honor of a former University of Minnesota psychology professor, will be delivered at 8:30 p. m. Wednesday (April 11) in the Minnesota Museum of Natural History auditorium on the Minneapolis campus.

Leona E. Tyler, psychology professor at the University of Oregon, Eugene, will speak on "Dealing with Diversity: The Individual in an Expanding World".

Miss Tyler, a native of St. Paul, is a prominent psychologist in the area of counseling and the author of several books on the subject. A graduate of the University of Minnesota, she studied for the doctor of philosophy degree under Professor Paterson.

Previous to Professor Paterson's death last October, two honorary lectures in his name had been presented at the University. He had retired from the faculty in 1960, after 39 years of service.

The free memorial lecture is sponsored by Psi Chi, honorary psychology society, and by the psychology colloquium and the department of concerts and lectures.



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6 'U' LAW STUDENTS
NAMED TO NATIONAL
HONORARY GROUP

(FOR IMMEDIATE RELEASE)

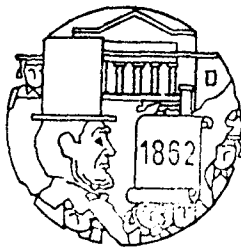
Minneapolis --- Six senior law school students at the University of Minnesota have been named members of the Order of the Coif, national honorary society for law graduates of high scholastic achievement, according to Dean William B. Lockhart of the law school.

Election to Order of the Coif is limited to the 10 percent of the class who have attained the highest rank in their law school work, Dean Lockhart said.

Elected to Order of the Coif were:

Curtis D. Forslund, Red Lake Falls; Ernest A. E. Gellhorn, 5824 Fairfax ave., Edina; Thomas S. Hay, 856 Forest Dale road, St. Paul; Richard H. Kyle, White Bear Lake; Norman J. Laboe, 2712 Ewing S., Minneapolis; and Michael P. Sullivan, 3900 Beard ave. N., Robbinsdale.

In addition to being the highest ranking students in the University law school, each of the students elected to Order of the Coif also become officers of the board of editors of the "Minnesota Law Review", a legal periodical edited and partially written by high-scholarship students at the University. Articles, critiques and stories also are contributed to the "Review" by area attorneys.



1862 - CENTENNIAL - 1962
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'U' HYDRAULIC LAB
BEGINS STUDY ON
VENEZUELAN PROJECT

UNIVERSITY OF MINNESOTA
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(FOR IMMEDIATE RELEASE)

The University of Minnesota's St. Anthony Falls Hydraulic laboratory has started experimental studies on the major hydraulic features for a giant hydroelectric project in Venezuela, according to Lorenz G. Straub, laboratory director and head of the civil engineering department.

The huge development will be one of the world's greatest hydroelectric power schemes, Straub said. It will be constructed on the large, precipitous, rock-bound Caroni river in eastern Venezuela, a few degrees north of the equator in a region of heavy rainfall.

Straub visited the site of the project in the fall of 1961 as consultant to the Venezuelan Power Authority. He said the river, in its last hundred miles of approach to the sea, has a hydroelectric power potential of nearly 25 million horsepower, a figure about equivalent to the total hydroelectric power that has been developed in the entire United States.

The Venezuelan government has allotted \$110,000 to the University for the test program, which will establish principal hydraulic features of the first stage construction of this unprecedented hydro development, Straub said. The hydraulic laboratory will work in collaboration with Harza Engineering Company, International, which is preparing contract drawings and specifications for the project.

Field investigations are now being carried out in preparation for the taking of bids. Construction may start within six months, depending on how fast preliminary steps can be completed, Straub said.

'U' SURGEONS STUDY AUTO TRANSPLANT
METHOD IN STOMACH CANCER, ULCERS

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(FOR IMMEDIATE RELEASE)

A possible method for treating stomach cancer and ulcers by removing the stomach, treating it for disease and putting it back in the body is being studied by a team of University of Minnesota surgeons.

The team, headed by Dr. Richard C. Lillehei, assistant professor of surgery, has been carrying out surgical experiments on dogs in an attempt to develop successful methods for removing abdominal organs, preserving them outside the body for several hours and then replacing them in the same host. This is called an auto transplant.

If this method of auto transplantation can be developed safely for humans, Dr. Lillehei explained, it could be used in treating cancer or ulcers instead of permanently removing parts of the stomach or bowel, as is often necessary now.

For example, if a cancerous organ could be successfully removed from the body for a period of time, it could be given doses of radiation 13 times greater than could be given safely if the organ is within the body, Dr. Lillehei said.

In their experiments with dogs, Dr. Lillehei said they also have found that stomach autografts do not secrete acid for several months and the ability to secrete pepsin has not returned at all in dogs followed over two and one-half years. Both these substances, which are not essential to digestion, are known to cause stomach and duodenal ulcers.

Assisted by Dr. J. K. Longerbeam and Dr. W. R. Scott, medical fellows in surgery, Dr. Lillehei has removed the bowels or stomachs from a large number of dogs, kept them out of the body for five or six hours at very low temperatures or for a shorter period of time at room temperature, and then replace them. Some of the organs were given massive doses of radiation.

Dr. Lillehei reports that a substantial number of these dogs have survived the surgery, and some of the autografts have been functioning normally for as long as two years. This would show, he said, that the stomach can be transplanted

(MORE)

successfully within the same host and will survive indefinitely. The organ will function normally, he said, despite the fact that in surgery of this kind the stomach's links with the central nervous system are severed and cannot be restored.

The experiments on dogs have been carried out over the past four years under grants from the United States Public Health Service. The grant was recently increased from \$22,000 to \$45,000 per year.

A report on the team's findings thus far will be presented by Dr. Lillehei at two scientific meetings in the next two weeks. He will report on different aspects of the project at a meeting of the American Society for Artificial Internal Organs on Friday, April 13, and at the annual meeting of the Federation of American Societies for Experimental Biology April 14-18. Both meetings will be in Atlantic City, N.J.

Dr. Lillehei and other scientists at the University also are attempting to find a successful method of freezing body organs, so that they could be kept out of the body for an indefinite length of time. Right now, he said, there is no way to freeze an entire organ.

The young surgeon believes that autografts may be the first step toward successful homografts, the transplantation of an organ from one person to another. At the present time, this has never been accomplished, except in the case of identical twins, because the body rejects foreign tissue.

This is the field "everyone" is working in now, Dr. Lillehei said. "When we understand how to make a patient tolerant to homograft, we will know more about cancer," he said, "because we may be able to understand why the body rejects homografts but does not always reject cancer, which is also new tissue.

Dr. Lillehei said "the ultimate goal in making people tolerant to homografts is to understand the chemical nature of the nucleic acids present in the cells of each person. When these acids can be analyzed, we will be able to tell what makes each person chemically unique from every other person. Theoretically, this chemical make-up could then be changed so that one person could interchange tissue with another person."

Partially successful homografts will be possible within the next 25 years, Dr. Lillehei believes, but autografts may be possible within a shorter time. Although the experiments have been successful in dogs, he cautioned, it is much safer to continue with the surgical methods now in use than to attempt something new, no matter how much better it may be experimentally, until it is proven completely safe.

UNIVERSITY OF MINNESOTA
NEWS SERVICE

ALUMNI INFORMATION

PUBLICITY DIRECTOR: Listed here you will find the names of persons who previously received degrees from your school who were awarded advanced degrees at commencement exercises at the University of Minnesota March 15, 1962. The degree indicated in parentheses is that received from your school with the date it was given. The degree typed out is the new degree from the University of Minnesota.

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

- AGRA UNIVERSITY---Anand Swarup Garg (B.A. '56) master of business administration; Rajendra Prasad Singh (B.S. '56, B.V.Sc. & A.H. '58) master of science.
- ANDHRA UNIVERSITY---Venkateswarlu Pothapragada (B.Sc. '45, M.Sc. '48, D.Sc. '55) doctor of philosophy.
- AUGSBURG COLLEGE---Curtis Martin Anderson (B.A. '55) master of arts; Carolyn Lower Bliss (B.A. magna cum laude '56) master of arts; Elwood Olaf Nestvold (B.A. summa cum laude '52) doctor of philosophy.
- BARODA, UNIVERSITY OF (INDIA)---Pradodh Trimbak Lele (B.E. '58) master of science in mechanical engineering.
- BENGAL VETERINARY COLLEGE---Ambrose Harry Rajamannan (G.V.Sc. '55) master of science.
- BOMBAY, UNIVERSITY OF---Rashid Khodadad Irani (B.Sc. '55) master of science in mineral engineering.
- BOMBAY VETERINARY COLLEGE---Dasharath Savala Jadhav (B.Sc. '55) master of science.
- BUDAPEST, TECHNICAL UNIVERSITY OF---Alexander L. Deak (B.A. equiv. '56) master of science.
- CALIFORNIA, UNIVERSITY OF---Judith Ann Machado (B.A. '59) master of arts;
- CALIFORNIA, UNIVERSITY OF (LOS ANGELES)---Robert Vincent St. Louis (B.S. '54) doctor of philosophy.
- CALIFORNIA, UNIVERSITY OF (SANTA BARBARA)---Thomas Grundtvig Nielsen (B.A. '54) master of arts.
- CAMBRIDGE UNIVERSITY---David Hugh Mellor (B.A. '60) master of science in chemical engineering.
- CARLETON COLLEGE---George Stephen Austin (B. A. '58) master of science; Carlton Hans Nelson (B.A. '59) master of science.
- CARROLL COLLEGE---Harry Paul Bruncke, Jr. (B.A. '55) master of arts.
- CHILE, UNIVERSITY OF---Rene Cortazar (Ing.Agr. '40) doctor of philosophy.
- CHINESE GOVERNMENT---Bartholomew Po-chen Hsi (Certificate '56) master of arts.
- COE COLLEGE---Dimis June Ehninger (B.A. summa cum laude '59) master of science.
- COLORADO STATE COLLEGE OF EDUCATION---Emil Joseph Berger (M.A. '47) doctor of philosophy; Robert Charles Voight (M.A. '47) doctor of philosophy.
- CONCORDIA COLLEGE---Marcus Olaf Kjelsberg (B.A. '52) doctor of philosophy.
- CORDOBA, UNIVERSITY OF---Angel Manuel Vazquez (Graduate '42) doctor of philosophy.
- CORNELL UNIVERSITY---Larry James Littlefield (B.S. '60) master of science.
- COSTA RICA, UNIVERSITY OF---Guillermo Campbell (B.S. '49, B.A. '54) master of science.
- DELAWARE, UNIVERSITY OF---Robert Walton Gore (B.Ch.E. '59) master of science in chemical engineering.
- DELHI UNIVERSITY---Anand Swarup Garg (M.A. '59) master of business administration.
- EAST TEXAS BAPTIST COLLEGE---Grace Po-Yuen Chiu (B.S. '57) doctor of philosophy.
- EDINBURGH, UNIVERSITY OF---John Barrington Kay Clark (B.Sc. '50) doctor of philosophy; John Barrington Kay Clark (B.Sc., Agr., '50) master of science.
- EMMANUEL MISSIONARY COLLEGE---James Ronald Mercer (B.A. '52) master of arts.

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William T. Harris, Jr.

Director, University News Service

- GADJAH MADA UNIVERSITY (INDONESIA)---Soepojo Padmodipoetro (B.A. '54) master of arts.
- GUJARAT UNIVERSITY---Bhupatrai Ratilal Shah (B.E., Civil, '58) master of science in civil engineering.
- GUSTAVUS ADOLPHUS COLLEGE---Ronald Ray Adolphson (B.S. '49) master of science; Leonall C. Andersen (B.S. '49) doctor of philosophy; Conway Arthur Thompson (B.A. '47) master of arts.
- HAMLIN UNIVERSITY---Hope Hamrin Bailey (B.A. '28) master of arts; Ralph Wilhelm Gundersen, Jr. (B.S. cum laude '59) master of science; Donald Curtis Johnson (B.S. cum laude '57) doctor of philosophy; Gordon Scott Murphy (B.A. '50) master of arts in public administration.
- HARVARD UNIVERSITY---Robert Joseph White (M.D. '53) doctor of philosophy in neurosurgery.
- HAVERFORD COLLEGE---George Mitsuyoshi Yamane (B.A. '46) doctor of philosophy.
- HAWAII, UNIVERSITY OF---Charles Edward Hawkins (B.A. '53) doctor of philosophy.
- HOFSTRA COLLEGE---Emma Stetter Vezzani (B.A. cum laude '59) master of arts.
- ILLINOIS, UNIVERSITY OF---Laird Bryce Andersen (Ph.D. '54) master of arts; Leonall C. Andersen (M.S. '52) doctor of philosophy.
- INDIAN SCHOOL OF MINES AND APPLIED GEOLOGY (Dhanbad)---Rashid Khodadad Irani (Graduate '58) master of science in mineral engineering.
- INSTITUTO SUPERIOR TECNICO (PORTUGAL)---Cecilio Eugenio Gracias (Ch.E. '54, M.Ch.E. '57) doctor of philosophy.
- IOWA STATE COLLEGE---William Eugene Ames (M.S. '52) doctor of philosophy.
- IOWA STATE UNIVERSITY (AMES)---Max Sidones Wortman, Jr. (B.S.C.E. '56) doctor of philosophy.
- KARACHI, UNIVERSITY OF---Saeed Amanullah (B.S. in C.E. '55) master of science in civil engineering.
- KINGS COLLEGE (ENGLAND)---Alan Gordon Ferguson (B.Sc., Hons. '57) master of science.
- KYOTO UNIVERSITY---Sadao Sakamoto (B.Ag. '54) master of science.
- LA SIERRA COLLEGE---Albert Earnest Grable (B.A. '59) master of science.
- LAHORE GOVERNMENT COLLEGE (PAKISTAN)---Ved Prakash Sharma (B.A. '47) doctor of philosophy.
- LISBON INSTITUTE OF TECHNOLOGY---Maria Manuela Treichler Knopfli Gracias (Ch.Eng. '56) master of science.
- LONDON UNIVERSITY---Peter Bertram Corbin (B.Sc. '59) master of arts.
- MACDONALD COLLEGE---Anthony Stanley Walter de Freitas (B.Sc. '55) doctor of philosophy.
- MACALESTER COLLEGE---Donald Clair Liebenstein (B.A. '52) master of arts; Roy Sin Woo Shin (B.A. '58) master of arts.
- MADRAS UNIVERSITY---Natesa Chetty Veerappan (B.E., Highways, '52) master of science in civil engineering. (B.E., Civil, '57)
- MANITOBA, UNIVERSITY OF---Oswald Paul Blaich (B.S.A. '46) doctor of philosophy; Donald William Craik (B.Sc., M.E., '56) master of science in mechanical engineering.
- MANKATO STATE COLLEGE---Harlan Herbert Sheely (B.S. '55) master of arts.
- MARQUETTE UNIVERSITY---Merrill Thomas Cina (D.D.S. '56) master of science in dentistry; Alexander L. Deak (B.A. '58) master of science; Louis Frederick Wilson (B.S. '55, M.S. '57) doctor of philosophy.

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

- MC GILL UNIVERSITY---Anthony Stanley Walter de Freitas (M.Sc.'57) doctor of philosophy.
- MICHIGAN, UNIVERSITY OF---Wesley W. Wenrich (B.A. '54) doctor of philosophy; Eliot Randal Rowland Marhenke (B.S.Chem. with distinction '58) master of science.
- MICHIGAN STATE UNIVERSITY---Wesley W. Wenrich (M.A. '56) doctor of philosophy.
- MOORHEAD STATE COLLEGE---Merle Sherman (B.E. with high honors '32) master of arts.
- MOUNT HOLYOKE COLLEGE---Kathryn Rebecca Coram (B.A.'55) master of arts; Mary Susan Gussenhoven (B.A. cum laude '59) master of science.
- MUSLIM UNIVERSITY (INDIA)---Kalim Uddin Qidwai (B.S. in C.E. '50) master of science in civil engineering.
- NAGPUR, UNIVERSITY OF---Anand Ganpatrao Pinjarkar (B.E. '59) master of science in civil engineering.
- NATIONAL TAIWAN UNIVERSITY---Shao-chung Lee (B.S. in Eng. '54) doctor of philosophy.
- NEBRASKA, UNIVERSITY OF---Selma Goldstein Schwartz (B.A. '35) master of arts.
- NEVADA, UNIVERSITY OF---Charles Edward Hawkins (M.A. '56) doctor of philosophy.
- NEW HAMPSHIRE, UNIVERSITY OF---Robert George LeBlanc (B.A. '59) master of arts.
- NORTH DAKOTA, UNIVERSITY OF---Gerald Lawrence Ericksen (Ph.B. '53) doctor of philosophy.
- OCCIDENTAL COLLEGE---Neville William Reay (B.A. '57) doctor of philosophy.
- OHIO STATE UNIVERSITY---Jerry Lee Fogt (B.S. cum laude '58) master of science.
- PHILIPPINES, UNIVERSITY OF---Rodolfo Paras Perez (B.F.A. cum laude '57) master of arts; Lourdes Crescencia Saniel (B.P.E. '51) master of arts.
- POONA, UNIVERSITY OF---Sithamparapillai Mahadeva (B.Sc.,Agr.,'55) master of science.
- PRINCETON UNIVERSITY---Daniel Davy Merrill (B.A. cum laude '54) doctor of philosophy.
- PUNJAB UNIVERSITY---Ved Prakash Sharma (M.A. '49) doctor of philosophy.
- ST. CLOUD STATE COLLEGE---Emil Joseph Berger (B.E. '39) doctor of philosophy; Robert Arthur Hed (B.S. '50) master of arts; Donald Irven Pryor (B.S. '42) certificate of specialist in education.
- ST. JOHN'S UNIVERSITY (MINN.)---Robert Edward Martinka (B.A. '54) master of arts; James Stephen McMellin (B.A. summa cum laude '60) master of arts.
- ST. MARY'S COLLEGE---Robert Adolph Hoffman (B.S. summa cum laude '56) doctor of philosophy.
- ST. OLAF COLLEGE---David Merlen Berg (B.A. '54) master of arts.
- ST. SCHOLASTICA, COLLEGE OF---Helen Ann Turck (B.S. cum laude '55) master of arts.
- ST. THOMAS, COLLEGE OF---John Hamelin Powers (B.A. '47) doctor of philosophy.
- SALFORD, ROYAL TECH. COLLEGE AT---Brien Dickens (Graduate '58) doctor of philosophy.
- SAN JOSE STATE COLLEGE---Ronald Lee Taylor(B.A. '60) master of science.
- SEOUL NATIONAL UNIVERSITY---Yun Seong Jeon (D.V.M. '51) doctor of philosophy; Soo Duk Lim (M.D.'55, M.S. '58) master of science in dermatology.
- SOUTH DAKOTA STATE COLLEGE OF AGRICULTURE & MECHANIC ARTS---William Eugene Ames (B.S. '48) doctor of philosophy.

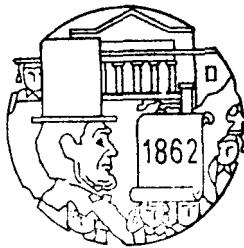
UNIVERSITY OF MINNESOTA
NEWS SERVICE

ALUMNI INFORMATION

PUBLICITY DIRECTOR: Listed here you will find the names of persons who previously received degrees from your school who were awarded advanced degrees at commencement exercises at the University of Minnesota March 15, 1962. The degree indicated in parentheses is that received from your school with the date it was given. The degree typed out is the new degree from the University of Minnesota.

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

TAIPEI INSTITUTE OF TECHNOLOGY---Cheng Chen (B.S. '56) master of science.
TAIWAN, UNIVERSITY OF---Francis Ta-chuan Ting (B.S. '57) master of science.
TECHNION INSTITUTE OF TECHNOLOGY (ISRAEL)---Gideon Shavit, master of science in agricultural engineering.
TOLEDO, UNIVERSITY OF---Robert Vance Shuff (B.Ed. '45) doctor of philosophy.
UTAH STATE UNIVERSITY---Jessop Clair Theurer (B.S. '53, M.S. '57) doctor of philosophy.
UTRECHT, UNIVERSITY OF---Paul Edward Hermans (M.D. '52) master of science in medicint.
VANDERBILT UNIVERSITY---Robert Francis Lee (B.A. '43, M.A. '53) doctor of philosophy.
WASHINGTON, STATE COLLEGE OF---Robert Vance Shuff (M.Ed. '53) doctor of philosophy.
WILLIAMS COLLEGE---Thomond Robert O'Brien (B.A. '55) master of business administration.
WINONA ST. COLLEGE---Laurel Dayton Benson (B.S. with honor '57) master of arts.
WISCONSIN STATE COLLEGE (EAU CLAIRE)---Georgiana Sobola (B. S. '47) master of arts.
WISCONSIN STATE COLLEGE (OSHKOSH)---Robert Charles Voight (B. S. '47) doctor of philosophy.
WISCONSIN, UNIVERSITY OF---Joseph Harry Beck (B.A. '34) master of arts;
Donald Drobac (B.A. '57) master of arts; Dorothy Eileen Rundorff (B.S. '24) doctor of philosophy.
WITWATERSRAND, UNIVERSITY OF THE (JOHANNESBURG)---Harold Alexander Simon (B.Sc. '49, M.Sc. '59) doctor of philosophy.
WYOMING, UNIVERSITY OF---Monty DeVerl Harrison (B.S. with honor '57, M. S. '58) doctor of philosophy.



FORMER 'U'
POLITICAL SCIENTIST
DIES IN JORDAN

1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BIDG.
MINNEAPOLIS 14, MINNESOTA
FEderal 2-8158 EXT. 6700
APRIL 6, 1962

(FOR IMMEDIATE RELEASE)

Word has been received of the death on March 23 of Morris Bryan Lambie, former University of Minnesota political science professor and pioneer in the development of the University's municipal government study program.

Professor Lambie died in the country of Jordan, where he was teaching public administration at Bir Zeit university under a combined state department and Ford Foundation grant.

A resolution by the University of Minnesota's political science department was adopted this week "to record its appreciation of the pioneer role he played in developing systematic study of the field of municipal government at this University".

As a member of the University faculty from 1921 to 1935, Professor Lambie served as director of the University's Municipal Reference bureau and as executive secretary of the League of Minnesota Municipalities. He is credited with playing a notable role in the development of both these institutions. In the early stages of the depression, he also assisted Governor Floyd B. Olson in administering relief programs.

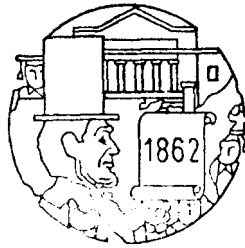
In 1935, he became professor of government and director of the bureau of municipal administration at Harvard university, Cambridge, Mass., where he had earlier earned both the master of arts and doctor of philosophy degrees. He remained at Harvard until his retirement in 1954. Since that time he had taught at Tufts university, Boston university and Boston college. He also had served as chairman of the advisory council of the Massachusetts division of employment security and as consultant to the Greater Boston Economic Study commission.

He is survived by a sister, Margaret Lambie, Washington, D. C., and two sons, James W., Lexington, Mass., and Dr. Morris W., Tupper Lake, N. Y.

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LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS
WEEK OF APRIL 8 - 15

- Sunday, April 8 -- Foreign students festival. International menu, noon to 6 p.m., Coffman Memorial Union cafeteria, admission; Cultural exhibits, main ballroom. Free, open to public.
- "Lobstering Down East Maine", program by Elmer Albinson, director, American Swedish Institute. Also "Gulls Flying" film set to music. 3 p.m., Minnesota Museum of Natural History. Free, open to public.
- University gallery: Major exhibit, "The 19th Century--125 Master Drawings", fourth floor; Local pottery collection and International Graphic Arts Society prints, third floor. Open 2-5, Northrop Memorial Auditorium. (Open school hours, weekdays). Free.
- Tuesday, April 10-- "Music Hour"--Edina-Morningside high school band. 11:30 a.m., Northrop Memorial auditorium. Free, open to public.
- James Balsley, chief of the geophysics branch of the United States geological survey, speaking on "Rock Magnetism as a Geologic Tool", 7:30 p.m., Murphy hall auditorium. Free.
- Wed., April 11 -- Leona E. Tyler, University of Oregon psychologist, speaking on "Dealing with Diversity: The Individual in an Expanding World", 8:30 p.m., Minnesota Museum of Natural History. Free.
- Thurs., April 12-- James L. Morrill, New York, President-Emeritus of the University of Minnesota, delivering the main address at Land-Grant Centennial convocation, 11:30 a.m., Northrop Memorial auditorium. Free. Luncheon following, Coffman Memorial Union main ballroom. Admission. Open to public.
- O.K. Bouwsma, University of Nebraska philosopher, lecturing on "Samuel Johnson and the Stone", 8 p.m., room 100 Westbrook hall. Free.
- University Theater: Opening: Bertolt Brecht's "The Private Life of the Master Race", 8 p.m., Scott hall. Admission.
- Friday, April 13-- Annual Aquatic League Show, "Paper Whirl", 8 p.m., Cooke hall pool. Tickets, \$.75 at door.
- University Theater: Brecht's "The Private Life of the Master Race", 8 p.m., Scott hall. Admission.
- University Chamber Singers, orchestra and soloists present Bach's "The Passion According to St. John", 8:30 p.m. Northrop Memorial auditorium. Free, open to public.
- Sat., April 14 -- University theater: Brecht's "The Private Life of the Master Race", 7 p.m. and 10 p.m., Scott hall. Admission.



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TRAFFIC, MUNICIPAL
COURTS SEMINAR
SET AT 'U'

1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

(FOR IMMEDIATE RELEASE)

Municipal court jury trials, driver improvement clinics and juvenile traffic violations will be some of the topics covered at the ninth annual Traffic Court conference and Municipal Court seminar April 16-18 at the University of Minnesota Center for Continuation Study.

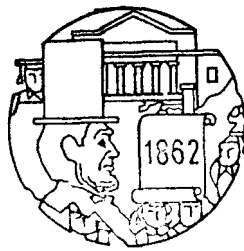
Judges and clerks of municipal and probate courts, justices of the peace, city, village and county attorneys and law enforcement officers will be among those attending the three-day course.

James P. Economos, director of the American Bar association (ABA) traffic court program, Chicago, Ill., will be guest speaker at the Traffic Court conference to be held on the last two days of the course. He will participate in three panel discussions and will moderate the closing discussion period.

Economos, member of a Chicago law firm, has served as director of the ABA traffic court program since 1943. He has been a member of several other traffic committees and has directed surveys of traffic courts in eight states and numerous cities. He is currently assisting the city of Phoenix, Ariz., in reorganization of its city court.

The seminar on municipal court topics, to be held on the first day of the course, will present three sessions led by municipal court judges Herbert Willcox, Bloomington; Frederick R. Weddel, Bemidji; and Irving Beaudoin, South St. Paul. A question and discussion period will be conducted by Wendell Y. Henning, St. Cloud municipal court judge and president of the Minnesota Municipal Judges association.

Sessions on the driver improvement clinic, searches and seizures and the use of mental health centers for traffic violators will be included in the Traffic Court conference program.



1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

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APRIL 6, 1962

'U' BUSINESS DAY
SET FRIDAY

(FOR IMMEDIATE RELEASE)

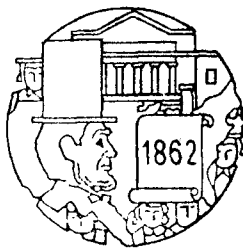
Traditional alarums and superstitions surrounding Friday the 13th are being flouted by the University of Minnesota's school of business administration as it designates this coming Friday---the first "Friday the 13th" in 1962---as "B-Day", traditional annual business school celebration at the University.

Highlighting the day's program will be the noon luncheon address, "Expanding World-wide Business Opportunities for the Business Graduates" by Alfred C. Neal, president of the Committee for Economic Development, New York. Luncheon guests will be school of business students and interested graduate students from the related fields of industrial relations and economics.

Hosts at the luncheon, to be held in Coffman Memorial Union main ballroom, will be representatives of 33 Twin Cities area business concerns joining with the business school board in offering company seminars and exhibits for the B-Day program. Company representatives will discuss questions of the business school graduate in his first job in third floor rooms in the Union following the school's dismissal of classes for the day at 10:30 a.m., according to John Hake, president of the school's board of associated students.

Business exhibits---ranging, alphabetically from Archer Daniels Midland Co, through Green Giant Peas, Minnesota Mining and Manufacturing, Soo Line Railroad, to the Whirlpool corporation and the Arthur Young & Co.---will be on view during school hours Monday (April 9) through Friday, the 13th, in the main lobby and first floor halls of Vincent hall.

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1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

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APRIL 6, 1962

'U' DADS TO SEE
AUTO SAFETY FILM

(FOR IMMEDIATE RELEASE)

"Packaging People for Auto Safety", a film of the University of Minnesota's auto safety research, and a discussion of the proposed Minnesota Constitutional Amendment No. 2 will highlight the April 13 meeting of the University of Minnesota Dads' association.

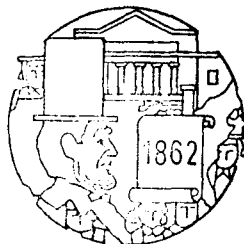
Professor James J. Ryan, mechanical engineering, director of the car safety research program, will discuss many of his safety devices incorporated in a car on display, and explain features of the film.

William L. Nunn, director of University relations, will discuss Amendment No. 2 which deals with present limitations on the state's borrowing powers.

Mothers as well as fathers are urged to attend the 6 p.m. dinner meeting in Rooms 307-8-9, Coffman Memorial Union, according to Leonard Ramberg, group president.

Reservations may be made by April 9 through the Dads' association office, 200 Eddy hall, Minneapolis 14.

-UNS-



400 EXPECTED FOR
U LAND-GRANT LUNCHEON;
GOVERNOR TO SPEAK

1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

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APRIL 9, 1962

(FOR IMMEDIATE RELEASE)

Approximately 400 persons are expected to attend a Land-Grant Centennial luncheon Thursday (April 12) at the University of Minnesota at which President Emeritus J. L. Morrill, New York City, will be a guest of honor.

The luncheon at 12:30 p.m. in Coffman Memorial Union main ballroom will follow a convocation address by Dr. Morrill at 11:30 a.m. in Northrop Memorial auditorium. His topic will be "The Land-Grant Tradition in American Education". Both the convocation and the luncheon will be open to the public.

Gov. Elmer L. Andersen will speak at the luncheon along with the Right Reverend Monsignor James P. Shannon, St. Thomas college president, St. Paul; Mrs. Eugenie Anderson, former United States ambassador to Denmark, Red Wing; Dr. George A. Selke, assistant to the secretary of agriculture, Washington, D. C.; Sander D. Genis, international vice president of the Amalgamated Clothing Workers of America and manager of the Minnesota Joint Board; and Harold Schoelkopf, editor of the St. Cloud Daily Times.

State legislators, civic leaders and University Land-Grant sponsors will be among those attending the luncheon, which is open to the public. The menu will consist entirely of varieties of foods which have either been developed by University researchers or on which University scientists have conducted research.

The lecture and luncheon will observe the 100th anniversary of the Land-Grant act, signed into law by President Abraham Lincoln in 1862. The University is one of 68 colleges and universities in the country which received proceeds from the sale of parcels of land set aside by the act for support of educational institutions.

'U' BUYS LARGE-SCALE COMPUTING
SYSTEM FOR RESEARCH, TEACHING

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM. BLDG.
MINNEAPOLIS 14, MINNESOTA
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APRIL 9, 1962

(FOR RELEASE 9 A. M. TUESDAY, APRIL 10, 1962)

Minneapolis --- The University of Minnesota has completed purchase of a new large-scale scientific electronic computing system from Control Data Corporation of Minneapolis, University President O. Meredith Wilson announced Tuesday (April 10).

President Wilson said the powerful new computing system will place the University of Minnesota "among the forerunners of universities having modern computational facilities".

Although the system is worth \$1,500,000, an educational discount from Control Data Corporation resulted in a purchase price of approximately \$1,000,000, President Wilson said. The acquisition was financed by a \$500,000 grant from the National Science Foundation, a \$250,000 Legislative appropriation and a grant from Control Data Corporation.

The new system will be installed this summer in the University's numerical analysis center in Experimental Engineering building on the Minneapolis campus. It will be available for use by all academic departments---ranging from the physical sciences to the social sciences---for faculty and graduate student research and for graduate and undergraduate instruction.

"The computing center already has made valuable contributions to the educational and research activities of the University through machines now in use," President Wilson said. "We are gratified by the expression of confidence by the National Science Foundation and the State Legislature in the University's future development as a scientific center."

Purchase of the University's new high-speed scientific computing system was made after a year of negotiations with several firms by a University Computer Selection committee appointed by President Wilson and headed by Professor Warren B. Cheston, associate chairman of the school of physics.

(MORE)

Selected from among the most powerful computers available on the market at the present time, the new system will be able to handle some of the most complex research problems in the sciences for which a mathematic formulation can be developed, according to Professor Marvin L. Stein, director of the numerical analysis center, a unit of the institute of technology.

Main elements in the new computer system, called the Control Data Satellite System, are a large-scale 1604 computer and a desk-size, high speed Model 160 computer. The smaller computer may be used to do such things as solving portions of a larger problem being run on the 1604 computer. Both computers make use of a magnetic tape system, Control Data's 1607, to communicate bi-directionally, to store information and to buffer data to a 1,000-line-a-minute printer. A reader and punch unit will round out the installation.

The new system will replace a computer in use at the University since 1958, which, "is rapidly becoming inadequate for present and future needs," according to Professor Stein. The present computer will be sold by individual parts. Some components will be retained by the University for research and instructional projects

The new computer will meet a critical need for a machine to help solve highly complex problems which the present system has not been able to handle, according to Professor Stein.

"As University researchers have become better acquainted with computing systems they have been able to undertake computational programs of ever-increasing sophistication," he explained.

Here are some features of the new high-speed computer Model 1604:

- * The storage capacity of its large magnetic core exceeds one-and-a-half million bits of information, compared to less than 37,000 in the present machine.
- * It will be from 10 to 100 times faster depending on the type of problem.
- * Because it will operate with transistors rather than vacuum tubes as does the present machine, it will take up about one-half the room space.
- * It will be easier and quicker to program.

The Control Data 1604, the large-scale computer in the new system, can handle 100,000 instructions a second and can recall an information bit in approximately two-millionths of a second.

The University already is programing and running problems on the Control Data 1604 service bureau computer at the company's local plant. Time is being allowed the University on this computer as part of the purchase agreement in order to allow a smooth transition from the old to the new system.

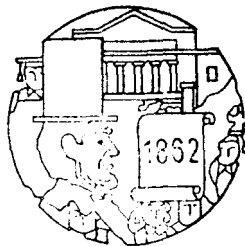
Professor Stein said University programers have found it was possible in one problem, for example, to obtain an answer on the new computing system in 10 minutes which would have taken eight to 10 hours on the old machine. On the other hand, it would have been practically impossible for a human being to compute the answer.

Since the University first installed a high-speed computer in 1958, more than 40 departments have used the machine for problems ranging over such fields of research as chemistry, engineering, agriculture, mathematics, medical and biological sciences, physics, social sciences, economics and education.

Problems currently in progress on the Control Data 1604 service model involve several studies relating to space vehicle travel under the direction of Professor E. M. Sparrow of the mechanical engineering department. He is studying flow of fluids at very low pressures, heat transfers to such fluids and problems of heat transfer at porous surfaces. The last of these problems relates to cooling the heat shield of a space vehicle re-entering the earth's atmosphere.

Roy C. Milton, research assistant in statistics, used the new machine to compute a table of about 100,000 numbers in one hour. This table is being used in research on statistical ranking problems by Milton Sobel, associate professor of statistics.

'U' SEMINAR ON
GOVERNMENT CONTRACTS
SET APR. 30 - MAY 2



UNIVERSITY OF MINNESOTA
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APRIL 9, 1962

(FOR IMMEDIATE RELEASE)

1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

Minneapolis --- Minnesota businessmen will be given a comprehensive lesson in how to do business with the government at the University of Minnesota's first Seminar on Government Contracts April 30-May 2.

A panel of 12 experts from government, industry, law and education will make up the faculty for the three-day program conducted by the University's Center for Continuation Study. Sessions will be in Mayo Memorial auditorium on the Minneapolis campus.

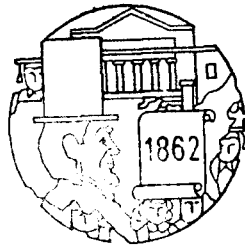
The seminar will be open to all businessmen and lawyers interested in government prime and subcontracts.

It will be presented by the University's Center for Continuation and law school in cooperation with Twin Cities industrial firms, members of the Minnesota Bar association, the American Bar association and the Federal Bar association.

Richard B. Simons, Continuation Center coordinator, said the course is designed to provide area industrial firms and lawyers with information on acquiring government contracts and the various ramifications of those contracts.

Among speakers will be: Col. Philip J. Blattau, USAF, Washington, D. C., chief of the Air Force Systems Command Contract Pricing Division; Gilbert A. Cuneo, Washington, D. C., chairman of the American Bar association's Public Contracts committee; Lieut. Col. B. Clarence Hart, section commander of the Reserve Judge Advocate General Property Law Procurement Team; Irving Maness, Washington, D. C., deputy administrator of the Small Business Administration for Procurement and Technical Assistance; Aaron J. Racusin, Washington, D. C., deputy for procurement management in the Office of the Assistant Secretary of the Air Force for Materiel; Meritt H. Steger, general counsel for the Navy department, Washington, D. C.; and Gerritt W. Wesselink, deputy general counsel of the Department of the Air Force.

Application for the course may be made by writing: Director, Center for Continuation Study, University of Minnesota, Minneapolis 14. Fee for the seminar is \$20.



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OF THE LAND - GRANT ACT

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'U' SWIM SHOW
SET FRIDAY,
SATURDAY

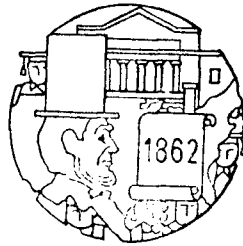
(FOR IMMEDIATE RELEASE)

Assorted varieties of paper---from fancy doilies to flypaper---will be depicted by the swimmers of the University of Minnesota Aquatic League Friday and Saturday (April 13-14) when they present their "Paper Swirl" in the Cooke hall pool.

The 40 members of the league, a University Women's Athletic association (WAA) activity, will offer solo, duet, trio and ensemble numbers as well as a special high diving exhibition by the Minnesota 1962 AAU diving champion, Mary J. Mero, 235 Robie st., St. Paul. Miss Mero, who has held the title for the last four years, also is this year's president of the WAA.

Aquatic League officers, all of whom are taking part in the show, are: president, Joan Stacy, 2927 Chowen, Minneapolis; vice president, Mary Jo. Smidell, 3746 W. Calhoun boulevard, Minneapolis; show chairman, Mary Dossett, 410 11th ave. S. E., Minneapolis; secretary, Carol Lehner, 2115 Fulham, St. Paul; treasurer, Claire Rolloff, New Ulm; and social chairman, Gayle Yoerks, 1212 Cherokee ave., West St. Paul.

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OF THE LAND - GRANT ACT

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AUTHORESS TO
TALK AT 'U'
NEXT MONDAY

(FOR IMMEDIATE RELEASE)

Elizabeth Hardwick, authoress whose short stories have appeared frequently in *The New Yorker* and other magazines, will speak on "Plot in Contemporary Fiction" Monday (April 16) at the University of Minnesota.

Miss Hardwick will deliver the Joseph Warren Beach annual memorial lecture at 8 p.m. in the Minnesota Museum of Natural History auditorium. The free, public lecture is in honor of the former chairman of the University's English department who died in 1957.

A new book of literary essays, "The Letter and the Life", by Miss Hardwick will be published this fall. She is the author of two novels, "The Ghostly Lover" and "The Simple Truth" and editor of "Selected Letters of William James".

Miss Hardwick has written reviews and literary essays regularly for *Partisan Review*, *Harper's Magazine* and other periodicals. She is married to poet Robert Lowell and lives in Manhattan, New York.

-UNS-

'U' ENROLLMENT
26,712 FOR
SPRING QUARTER

UNIVERSITY OF MINNESOTA
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APRIL 10, 1962

(FOR IMMEDIATE RELEASE)

Spring quarter attendance at the University of Minnesota totals 26,712, which is 2,296 more than the 24,416 attendance in the spring quarter a year ago, according to True E. Pettengill, University recorder.

The increase for the spring quarter, which began March 26, over the corresponding term last year was 9 per cent. Fall and winter quarter enrollments this school year also were 9 per cent ahead of a year ago. Fall attendance was 30,846 and 28,839 students were enrolled winter quarter.

Included in the current student total are 18,206 men and 8,506 women.

A year ago there were 17,176 men and 7,240 women.

Spring quarter attendance at the Duluth campus is 2,423, an increase of 179 over the 1961 spring figure of 2,244. A total of 367 students are enrolled this quarter at the Morris campus compared to 210 at the corresponding time last year. Both the Duluth and Morris figures are included in the University totals above.

Attendance by colleges and divisions of the University for spring quarter of 1961 and 1962 was reported as follows:

	<u>1961</u>	<u>1962</u>		<u>1961</u>	<u>1962</u>
General College	2101	2515	Nursing	209	198
University College	33	37	Public Health	171	170
Science, Literature and the Arts	6824	8133	Dentistry	335	341
Institute of Technology	2690	2592	Dental Hygiene	74	75
Agriculture, Forestry and Home Economics	1446	1476	Pharmacy	154	178
Law School	254	283	Education	2308	2263
Medical School	455	471	Business Administration	554	555
Medical Technology	67	70	Graduate School	4065	4336
Physical and Occupational Therapy	69	75	Veterinary Medicine	153	154
			Duluth Campus	2244	2423
			Morris Campus	210	367
			TOTAL ATTENDANCE	24,416	26,712

UNIVERSITY OF MINNESOTA
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1771 of Minnesota Doctor---
TO HEAD AMERICAN
COLLEGE OF PHYSICIANS

(FOR RELEASE FRIDAY, APRIL 13)

Minneapolis--- Dr. Wesley W. Spink, professor of internal medicine at the University of Minnesota medical school, today was installed as president-elect of the American College of Physicians (ACP) at the organization's annual meeting in Philadelphia. Dr. Spink will head the group in 1963.

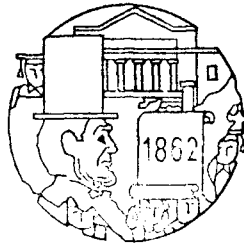
Noted for his work in brucellosis and the control of infectious diseases, Dr. Spink, 1916 East River Terrace, Minneapolis, is the second Minnesotan in the history of the college to become its president.

Dr. S. Marx White, pioneer Minneapolis internist and former head of the department of medicine at the University, was ACP president in 1932 and is the oldest living ex-president of the group.

Dr. Edward C. Rosenow, a native of Rochester, Minn., and a graduate of Carleton college, Northfield, Minn., currently is an executive director of ACP.

Dr. Spink, who has been a University faculty member for 25 years, is a Carleton college graduate (1926) and received the doctor of medicine degree from Harvard medical school in 1932. He is a native of Duluth, Minn., and joined the University faculty in 1937 as an assistant professor of medicine. He is past president of the Minnesota Medical Foundation (1955-8), the American Society for Clinical Investigation (1949), the Central Society for Clinical Research (1950), the Minnesota Pathological Society (1944), and presently is consultant in internal medicine to the United States Air Force. He is chairman of the expert committee on brucellosis of the World Health Organization.

He received an honorary doctor of science degree from Carleton college in 1950 and received the 1953 distinguished award of "Modern Medicine" magazine for his contributions to the study of brucellosis.



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'U' SOCIOLOGIST
TO PRESIDE OVER
MIDWEST MEET

(FOR IMMEDIATE RELEASE)

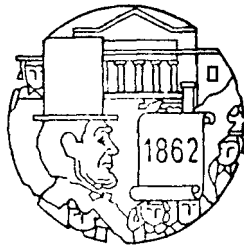
University of Minnesota sociology professor Arnold M. Rose, president of the Midwest Sociological society, will preside over that organization's annual meeting Thursday through Saturday (April 12-14) in Des Moines, Iowa.

Professor Rose, who was elected to office last year, will give the presidential speech on "The Sub-culture of the Aging: A New Topic for Research".

The 11-state organization will be observing its twenty-fifth anniversary at the meeting which 500 sociologists are expected to attend. Some of the many topics to be discussed are social change, medical sociology, urban and rural problems, assimilation of immigrants, sociology of the arts and race and ethnic relations.

Other University of Minnesota sociologists participating in the program are Edith Lentz, associate professor in the school of public health, and Marvin J. Taves, sociology professor.

-UNS-



1862 - CENTENNIAL - 1962
OF THE LAND - GRANT ACT

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
MINNEAPOLIS 14, MINNESOTA
FEderal 2-8158 EXT. 6700
APRIL 11, 1962

RUSS 'PROTEST'
POETRY TOPIC OF
'U' LECTURE TUESDAY

(FOR IMMEDIATE RELEASE)

A Swedish professor who was a key figure in persuading the Swedish Academy to offer the 1959 Nobel Prize for Literature to Boris Pasternak will speak on Russian poetry Tuesday (April 17) at the University of Minnesota.

Nils Ake Nilsson, associate professor of Slavic literature and director of the Russian Institute at the University of Stockholm, Sweden, will speak on "Poetry of Protest in the U.S.S.R." at 8:30 p.m. in the Minnesota Museum of Natural History auditorium.

Professor Nilsson, currently a visiting professor in Slavic literature at the University of Wisconsin, Madison, has traveled widely in all Slavic-speaking countries. He has been almost solely responsible for gathering the University of Stockholm's library of Russian works, considered one of the finest in Europe outside the Soviet Union.

His major works include a "History of Soviet Russian Literature", "Gogol and Petersburg" and "Tbsen in Russia". He has also published articles on Russian writers from Pushkin to Pasternak, including one in English on the "Poetic Style of Boris Pasternak".

His free lecture on Tuesday will deal primarily with non-conformist poets like Pasternak in Russia today. It is sponsored jointly by the University Slavic and Oriental languages department, the American-Scandinavian Foundation and the department of concerts and lectures.

SCHOOLMEN'S WEEK
TO OPEN MONDAY
ON 'U' CAMPUS

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APRIL 11, 1962

(FOR IMMEDIATE RELEASE)

Oscar Handlin, director of the Harvard university Center for the Study of the History of Liberty in America, will keynote the forty-eighth annual University of Minnesota Short Course and Schoolmen's Week Monday through Wednesday (April 16-18). Approximately 800 Minnesota public school administrators and supervisors will attend.

Monday's session will be in Coffman Memorial Union on the Minneapolis campus. Tuesday and Wednesday meetings will be on the St. Paul campus.

The theme for this year's conference is "Education for Excellence". Dr. Handlin will speak on "Talent and Democratic Education" at the first general session Tuesday morning. Presidents of major school administrator organizations will serve as a panel of interrogators following the address.

Tuesday afternoon, a panel of educators with experience in foreign lands will discuss "Education for Excellence in Foreign Lands".

Robert W. Smith, associate editorial page editor of the Minneapolis Star and Tribune, will speak at the Tuesday noon luncheon and will deliver the main address at the annual Knights and Ladies of the Hickory Stick Banquet that evening. His topic will be "America's Responsibility for World Leadership".

An informal debate on "Federal Aid to Public Education" will highlight Wednesday morning's general session. Mary Condon Gereau of the National Education association will take the affirmative on federal aid. William Wettergren, executive secretary of the Minnesota School Boards association, the negative.

Final meeting of the conference will be a general session luncheon Wednesday noon. William Van Til, chairman of the New York university department of secondary education, will be the speaker. He will speak on "Curriculum Frontiers of the 1960's."

The annual Lotus D. Coffman Lecture, sponsored by Eta Chapter of Phi Delta Kappa fraternity will be presented Monday evening. This year's lecturer will be Professor Harold Stevenson, director of the University of Minnesota institute of child development. He will speak on "Experimental Research with Children and Education".

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APRIL 12, 1962

"The Land-Grant Tradition in American Education"

Land-Grant Centennial
Convocation Address
J. L. Morrill, President Emeritus, University of Minnesota
11:30 a. m. Thursday, April 12, 1962
Northrop Memorial Auditorium
University of Minnesota

Mr. President, Members of the University --- Regents, Faculty and Staff,
Students and Alumni --- Distinguished Official Guests and Friends, Ladies and
Gentlemen ---

Speakers often begin by saying, "It's a pleasure to be here" --- and sometimes
you have the feeling that they "say that to all the girls".

In Norway and Sweden some years ago --- where any Minnesotan finds warm
welcome --- I was the special guest at a university dinner. This was not long after
the World War when the traditional friendly relations between the two countries
were a bit strained. Sweden had escaped the tragedy of the Nazi occupation of
Norway, and this made a difference.

When I said goodbye to the Rector of the university that night --- and I
won't say whether it was a Swedish or Norwegian university --- he remarked with
some feeling: "I'm glad you came to our country first on your visit. You will
receive elaborate courtesy when you get to the other country, I'm sure. The
difference will be that we mean it!"

Well, it is a pleasure for me to be here today --- and I do mean it! To
stand in this great hall again, among so many with whom I lived and worked, brings
a wealth of rewarding remembrance. Like Antaeus of old, to touch again the ground
of this campus renews my strength and inspiration.

(MORE)

For here were spent the most important years of my life, associated with others, on and off the several campuses of this great institution, sharing the endeavor to build a university worthy of the confidence, the support and the finest aspirations of the good people of Minnesota.

I envy President Wilson his succession to that responsibility. I share what I know must be your respect for the high intellectual and administrative competence and deep sense of commitment that he brings to it. I congratulate the University upon the good fortune of his leadership.

* * *

We celebrate in this Convocation the Centennial of the Congressional enactment 100 years ago of the so-called Land-Grant College Act --- an educational Emancipation Act signed by President Abraham Lincoln, different to be sure from that great man's emancipation of the slaves, yet worthy of comparison with it in its impact on the American destiny.

For it was more than an Act. It was an idea --- the idea, as Chancellor Deane Malott of Cornell has said, of "the future in the process of being born". Defined in one way it was just the idea that the federal government would join hands with the states to establish a system of higher education in this country different from any in the nation then, or in the world.

The author of the Act, its unremitting Congressional sponsor --- Justin Smith Morrill, U. S. Senator from Vermont --- stated his purpose quite simply: "I would have higher learning more widely disseminated", he said. This great University of ours and the 67 other land-grant colleges and universities (at least one in every state) are one result of his aim.

But there were other outcomes. The land-grant idea has penetrated and influenced American higher education, both public and private, in all of our 2,000 colleges and universities. Along with America's invention of the four-year liberal college, it has been one of this country's two contributions to the whole tradition of higher learning in the Western World.

(MORE)

I wish I could claim to be a direct descendant of Justin S. Morrill. I like to think --- but never been able to prove it --- that there is a family relationship because my paternal grandparents came from Massachusetts, where he was born, and from Vermont where from early childhood he lived and worked and died.

He rose to eminence from early New England hardship, the son of a blacksmith, with no formal schooling beyond the age of 14. He was largely self-taught by reading. His youthful yearning for books he never forgot. The great Congressional Library in Washington today, with its 12 million volumes, is also a monument to his senatorial labors. It was just a national reading room when his persistence converted it to what has now become one of the world's great libraries.

* * *

Great men and minds have struggled to conceive, in their time, the meaning and mission of universities. We remember the celebrated Cardinal Newman's book, "The Idea of a University", and his often-quoted statement that "if, then, a practical end must be assigned to a university course, I say it is that of training good members of society".

We recall Thomas Jefferson's letter to George Wythe in 1786 in which he wrote: "I think by far the most important bill in our whole code is the diffusion of knowledge among our people", and his founding of the University of Virginia for which he hoped to be longest remembered.

In his thoughtful book on "The University in a Changing World", Professor Walter Kotschnig wrote many years ago that "the character of a university is determined by the idea of knowledge which it professes to advance, by the type of man it purports to produce, and by the economic, social and political community in which it finds itself".

This I remembered when I heard President Wilson of this University say to a distinguished group of North and South American educators in Rio de Janeiro last month that national aims and needs should not only control the aims of education but that education must also help to shape these aims as a prime instrument of
(MORE)

social change.

This philosophy, let us look back and remember today, was at the heart of the Land-Grant Act of 1862 --- which provided and I quote, for "the endowment, support and maintenance of at least one college in each state where the leading object shall be, without excluding other scientific or classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts . . . in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions of life".

* * *

That was it: the crux of the charter for what has been described as "the most comprehensive system of scientific, technical and practical higher education the world has ever known" --- for what former President Frank P. Graham of the University of North Carolina has declared was "one of the most creative developments in the history of democracy in the world".

It broke the mold of higher education in that early day, widening its limits to comprehend not only classical and traditional "liberal" education, but also the practical purpose of "knowledge for use". It brought workaday agriculture and the mechanic arts into the academic environment, gaining dignity and academic acceptance and the methodology of science and scholarship thereby. It added the challenge of useful relevance to a concept of higher education too remote from the needs of the nation a century ago.

It opened far wider the doors of educational opportunity, not only for men but for women. Its requirement of military training was the forerunner of the R.O.T.C. which years later led General George C. Marshall to say that the R.O.T.C. program speeded mobilization for World War II by six months of precious time. More than half of the officers thus available came from our land-grant campuses.

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The federal endowment, provided in the Act, of 30,000 acres of federally-owned land to each state for each of its representatives in Congress, was the touchstone of the enterprise. At the University of Minnesota, this became the nucleus of one of our sources of support which yields only a little more than \$1,000,000 each year towards the multi-million dollar budget of the University. Thus, the 1862 Act was the encouraging catalyst for the generous legislative support which, increasing over the years, has built this institution to its present eminence and integrity.

In these days of legislative and taxpayers association debate over the relation of public revenues and public responsibilities, let us remember and revere the vision of the Congress 100 years ago and of the pioneer State Legislature of the Minnesota Territory in 1851!

For it was in that year, 1851, that those pioneers in what was then, as Dean Theodore C. Blegen has described it, "a land of lonely lakes and rivers"; that these men --- struggling to maintain the barest kind of elementary education --- dared to dream of founding a great university which their descendants have brought into being. The institution they founded was designated by the State Legislature 16 years later as the Land-Grant College of Minnesota.

And it was the nation's representatives in the Congress a century ago, as Mr. Russell I. Thackrey, Executive Secretary of the American Association of Land-Grant Colleges and State Universities, has written, who, "in a country torn by internal dissension to the point that its very existence was threatened (by Civil War), bankrupt and dependent upon printing press money, had the courage to give away vast areas of the public domain in the faith that the education of young people was a better investment by far than the hope that a huge land speculation might sometime balance the budget".

* * *

With what result? What is the measure of the Land-Grant Century?

Who can measure the impact upon society of trained intelligence at work in the myriad "pursuits and professions of life", in the advancement of knowledge for use, and the never-ending search for new truths?

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The statistics of the moment are these:

- 68 land-grant colleges and universities in 50 states, with 100,000 teachers and researchers and extension workers --- and with 600,000 students, one-fifth of the nation's higher education enrollment.
- These institutions confer approximately 105,000 degrees annually in 160 fields of study --- granting 22 percent of all bachelors degrees conferred, 25 percent of the masters and 30 percent of the doctorates --- with far higher percentages in Agriculture, Technology, Mathematics and the Sciences
- Twenty-one of America's living Nobel Prize winners studied in land-grant colleges.
- By throwing far wider-open the door to educational opportunity these institutions led the way in harvesting the talent and brainpower of the nation on a scale nowhere matched in the world today.

* * *

In one of the papers prepared for the conference at Rio de Janeiro which President Wilson and I attended, this sentence occurred:

"No institution can escape its past. And none can escape its present or its obligation to the future."

New occasions teach new duties. Education and the social institutions to carry it forward --- the schools and colleges and universities --- require reappraisal, reorganization and redirection to meet the challenge of time and change. The Land-Grant Act 100 years ago was itself the result of that requirement.

It was not the colleges of that day which were the inspiration of that reform, it must be said. Most of them, indeed, were hostile to the establishment and support of the land-grant institutions in their states: the "cow colleges" as they called them. For it is always hard to see outside the system in which we find ourselves.

The early land-grant college, with its special concern for agriculture, has long since lost its original identity. It ranges today into almost every realm of knowledge. It has fulfilled the ancient admonition to find itself by losing itself.

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But deep in that identity was the determination to pioneer; to break new ground; to discern and to respond to the needs of the time. That challenge to pioneer still stands --- but now to meet a need the founders could not then foresee. Let me speak of this --- it is very much on my mind.

It is the challenge of "The University and World Affairs". For world affairs have become American affairs with a vengeance. All of us find ourselves, like it or not, citizens of the world as never before.

Today we find ourselves rudely awakened, not to ancient Homer's "rosy-fingered dawn", but to what Dr. Detlev Bronk, in his Gideon Seymour lecture here, called the "jet-powered dawn". Every day, as some wag said, it seems to take less time to fly the ocean, but longer to find a place to park.

Last New Year's --- when the newspapers and magazines were full, as usual, of prophecies for the future --- I read the prediction of a noted French authority on aviation. Jet passenger planes, he said, will fly at Mach 3 within the next ten years --- three times the speed of sound!

You would be able to leave Paris at 11 a. m., having had your breakfast, he said --- and because of the time-zone difference, arrive in New York at 8:20 a. m., just in time for breakfast. Then, leaving New York for Los Angeles, you would arrive there at 7:45 a. m. --- and breakfast.

And so the whole wide world is at our doorstep --- a world in which distance has disappeared; a world in which we find ourselves confronted, and outnumbered, by peoples and problems with whom, and with which, we must somehow deal (if only in self-defense) with greater understanding and assistance and good will.

And this isn't easy --- for, as the philosopher, Whitehead, once wrote: "the love of humanity as such (too often) is instigated by a violent dislike of the next door neighbor". Cuba, for example, just 90 miles from our shores.

* * *

All this is the more on my mind because of my recent membership on a committee including men of such eminence and experience as Mr. Dean Rusk, our Secretary of

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of State, and Senator J. W. Fulbright, Chairman of the U.S. Senate Committee on Foreign Affairs.

In the very first paragraphs of its report on "The Role of the University and World Affairs", our Committee said --- and I quote:

"The American university is caught in a rush of events that shakes its tradition of scholarship and tests its ability to adapt and to grow. The United States is just awakening to the fact that world affairs are not the concern of the diplomat and soldier alone. They involve the business man, the farmer, the laborer, the economist, the lawyer --- indeed, every citizen."

And in "the upsurge of demands for independence and advancement among hundreds of millions abroad who have known little of either . . . they see education as indispensable to their quest for growth and dignity" --- and "at the center of these new educational demands stands the American university." So our Committee said.

Since leaving the University, too, I have spent some time in India and in East Africa; and in Latin America especially, in connection with the Ford Foundation's overseas development program in that region.

Whatever is meant by "cultural shock" I have surely suffered --- to see the thousands of homeless and hopeless unemployed refugees sleeping on the sidewalks in the cold gray dawn at Calcutta. Or little half-naked African children in the Mau Mau countryside of Kenya, attending school in ramshackle shacks open to the rain and weather --- but pathetically eager to study and learn. Or the wretched thousands clustered in squalor in shanty settlements, the "favelas", on the outskirts of some of South America's splendid cities.

And if you ask, as understandably you might, what possible connection is there between universities and those shivering school children in the African bush --- or the myriad illiterates of Asia and Latin America and their children --- there is a good answer to that question.

Old Jonathan Turner of Illinois --- a partner with Justin S. Morrill in the campaign for passage of the Land-Grant Act --- gave the answer when he declared that: "the whole history of education...shows that we must begin with the higher institutions or we can never succeed with the lower --- for the plain reason that neither knowledge nor water can run uphill".

Most American universities have not, as yet, made the full-scale and whole-hearted commitment to international affairs that the land-grant colleges undertook to make national affairs a century ago. They are just beginning, really, to see outside the Western World of our own heritage and culture; to train our people, as we older ones never were, to meet the problems and prospects of this dangerously divided world; to help in upgrading, through education, the capacities of peoples everywhere for responsible self-government and freedom, for productive and peaceful partnership.

Surely, if we are to think of civilization as the Spanish scholar, Ortega y Gasset defined it --- as "above all, the will to live in common" --- then what other means to create that will than education?

* * *

More than any other group of American universities, I am glad to say, the land-grant institutions have been present-day pioneers on the international frontier.

They have sent more of their professors abroad to the underdeveloped countries than any other group --- and Minnesota had a hand in this, I like to recall.

During my service as chairman of the Land-Grant Association executive committee, our Association was the first to respond to President Truman's "Point Four" overseas program appeal, with the appointment of a land-grant college president as its director. And, Mr. Harold Stassen of Minnesota was head of the Foreign Operations Administration which conceived the "college contract abroad" expansion in which our University was an early partner in Korea.

As of a year or so ago, the land-grant colleges and universities were helping to strengthen and to reorganize higher education abroad through 8 contracts in 6 African countries, 7 in European countries, 12 contracts in 9 countries in the Far

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East (including ours in Korea), 14 in 12 Latin American countries, and 15 in 7 countries of the Near East and South Asia.

In Latin America especially --- with its suspicion of so-called U. S. "imperialism" --- American university cooperation and assistance escape that charge. Rector Gomez Millas of the National University of Chile has well said why:

"The World of men of science and of educators has to a great extent been international," he says. "In it there is no narrow nationalism. . .as there often is in the political and economic world . . . Throughout the world, scholars form communities bound by common ideals and common aims. They possess a firm feeling of human responsibility and a great respect for men and values. They try always to speak the language of truth ...

"I think that inter-American cooperation must be stimulated on the university level, and in this way mold the leaders of the common future of America."

Two other Latin American leaders have said to me what they think North American higher education can best contribute to the South American scene. Not dams and factories and more money --- these can't do the job alone.

Our liberal arts college and the land-grant college can be this country's most helpful exports, Dr. Jose Maria Chaves, one of the founders of the progressive University of the Andes in Colombia, believes. And the land-grant college idea, adapted to Latin American needs, offers the best hope of Latin American university reform to effect social and economic development, President Jaime Benitez of the University of Puerto Rico has declared.

* * *

Half of the foreign graduate students and more than a third of the undergraduates from other lands in U. S. institutions are studying in our land-grant colleges. Last year our University ranked fifth among American universities in foreign student enrollments.

We can be proud of that --- especially so since our State owes so much to the early immigrant settlers who, with their descendants, have given Minnesota so much
(MORE)

of its character. These students bring the wide "one world" to our door and to our better understanding. I remember so well my meetings here with the student groups from other countries --- and wish I might have been here last week to share again in your celebrated "International Spring Festival".

The work of our "Minnesota World Affairs Center", with its constituent member-groups, has attracted national attention and respect.

Professor Emeritus Harold Quigley's account of the University's early commitment to international relations and its "Challenge to Isolationism" is a document both of fascinating personal and of historically significant importance. The range and scope of the Center for International Relations and Area Study which he described are impressive. It reveals a strongly internationally-minded faculty here.

Our University, a leading land-grant institution, has been a pioneer.

* * *

Few of our students, I suppose, and of our Minnesota citizens, have really known what a land-grant university was and is, or even that we are one. Few have known the name of Justin S. Morrill, and of our debt to him.

It is well to be reminded. That is why we are met today. It is well to remember the tradition which is our strength. Someone has said, "history is community memory". Without memory a man, or a nation, is almost mind-less --- helpless, alone at sea without the compass of experience.

Abraham Lincoln, signer of the Land-Grant Act, once wrote:

"Let us hope. . .that by the best cultivation of the physical world beneath and around us, and the best intellectual and moral world within us, we shall secure an individual, social and political prosperity and happiness whose course shall be onward and upward --- and which, while the earth endures, shall not pass away."

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This great objective is the ultimate one of all education, is it not? --- the mission of the land-grant and all other institutions of learning? --- a mission widened to world dimensions in this troubled time?

Instinctively, we envision it in terms of democracy --- and whatever we mean by "democracy" the land-grant university historically has helped to illuminate, to ennoble and to make productive.

To be sure, the meaning and dimensions of democracy transcend our shores and history. But ours is the oldest major surviving republic on the face of the earth today.

To the poet sometimes is given insight denied even to the statesman:

"Sail, sail thy best, ship of Democracy ---
Of value is thy freight; 'tis not the present only,
The Past is also stored in thee", Walt Whitman wrote.

"Thou holdest not the venture of thyself
Alone, not of the Western continent alone, ---

"Earth's resume entire floats on thy
Keel, O Ship --- is steadied by the spars;
With thee Time voyages in trust,
The Antecedent nations sink or swim with thee."

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APRIL 12, 1962

SALARIES FOR ENGINEERING, SCIENCE
GRADUATES AT RECORD HIGH, 'U' REPORTS

(FOR IMMEDIATE RELEASE)

Minneapolis --- Salaries for 1962 engineering and science graduates have reached an all-time high, according to a salary survey completed this week by the institute of technology (I.T.) placement office at the University of Minnesota.

An average salary of \$583 per month is being offered to I.T. graduating students, the survey reveals, representing an increase of five per cent over last year's figures. The survey is based on salary offers received to date by I.T. students scheduled to receive bachelor of science degrees in June.

Electrical engineers head the list with an average offer of \$598 per month. Graduates with master of science degrees now average over \$8,000 per year, Paul A. Cartwright, I.T. placement director said, and those holding doctor of philosophy (Ph.D.) degrees will average over \$11,000 per year.

Cartwright, who is also an associate professor of electrical engineering, said a heavy demand for scientists and engineers lies ahead. He quoted a National Science Foundation study which shows that 81,000 new engineering graduates are currently needed, but only about 36,000 graduated in 1961.

Present enrollments indicate that there will be no increase in the graduation rate in the next four years, Professor Cartwright said, yet by 1970 this country will need at least 75 per cent more engineers and scientists than now. In fact, Cartwright pointed out, the National Aeronautics and Space Administration and related industries alone could employ most of the Ph.D. graduates in science and engineering from now until 1970.

Professor Cartwright quoted Julius H. Stratton, president of Massachusetts Institute of Technology, who said, "...we need technically trained manpower in quantity and quality at all levels..."

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APRIL 13, 1962

LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC EVENTS
WEEK OF APRIL 15-22

Monday, April 16- "High Pressure Research Using Ultrasonic Waves", a special lecture by Prof. Samuel Katz, Rensselaer Polytechnic Institute, sponsored by school of mines and metallurgy; 3:30 p.m., Room 120, Mines. Free, open to public.

Writer Elizabeth Hardwick will speak on "Plot in Contemporary Fiction" for annual Joseph Warren Beach memorial lecture, 8 p.m. Museum of Natural History aud. Free, open to public.

Senior voice recital, soprano Janet Blomquist, 8:30 p.m., Scott hall; free, open to public.

University gallery: Opening, first Mid-Western Exhibition of Belgian Painters, third floor galleries; final week, Major exhibit, "The 19th Century: 125 Master Drawings", fourth floor; local pottery collection and International Graphic Arts Society prints, third floor. Open school hours, weekdays, Northrop Memorial auditorium. Free.

University Theater:

Tuesday, April 17- Bertolt Brecht's "The Private Life of the Master Race", through Friday, at 8 p.m., Scott hall. Admission.

Nils Ake Nilsson, director of the Russian Institute of the University of Stockholm, speaks on "Russian Poetry"; 8:30 p.m., Museum of Natural History museum auditorium. Free.

Wednesday, April 18- Opening lecture in General Extension division's spring series "The Many Faces of Language: The World of English"; Melville Jacobs, University of Washington, speaks on "Language and Society", 8 p.m., Minnesota Museum of Natural History auditorium. Admission by season ticket only. Tickets at door.

Thursday, April 19- Professor Gregory Pincus, director, Worcester Foundation for Experimental Biology, will give a special lecture, "Steroidal Control of Ovulation and Ovum Development in Mammals", 12:30 p.m., Mayo Memorial auditorium. Open to public.

Saturday, April 21- University Theater: Brecht's "The Private Life of the Master Race", 2 performances, 7 and 10 p.m., Scott hall, admission.

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APRIL 16, 1962

MUSIC OF FOUR
FAITHS CHORAL
AT 'U' MAY 6

(MUSIC PAGE WEEK OF APRIL 16-22)

Music of four faiths---- Jewish, Greek Orthodox, Roman Catholic and Protestant---- will be sung by three hundred voices in Northrop Memorial auditorium at 8 p.m. Sunday, May 6, when the Brotherhood of Faiths Choral Festival, originally scheduled for Feb. 18, will be held.

Originally planned as the opening event of the annual observance of Brotherhood Week at the University, bad weather at that time/ caused cancellation, according to James S. Lombard, director of the University's department of concerts and lectures.

The free public concert is jointly sponsored by the department of concerts and lectures and the council of student religious organizations.

Jewish Passover music and excerpts from The Psalms will be sung by cantor David Silverman and the members of the Hazomir Choral Society of Beth El synagogue. The 50 members of the Ukrainain Chorus "Dnipro" of the Twin Cities, directed by Mykola Bryn from St. George's Greek Orthodox church, Minneapolis, will sing the "Lord's Prayer" and communion music, while a program of Gregorian chants will be presented by the 30-voice St. John's Abbey Schola, directed by the Reverend Gerard Farrell, O.S.B., Collegeville. The 130-member Central Lutheran church Senior Choir, directed by Frederic Hilary, will sing numbers showing the influence of the chorale, or hymn tune, on Lutheran and Protestant church music.

With the exception of the music sung by the Jewish group, which will be accompanied by piano music, all of the choral work will be á capella.

PEACE CORPS
SEEKS TEACHERS
TO GO ABROAD

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(FOR IMMEDIATE RELEASE)

An appeal for teachers at all grade levels to teach in Asia, Africa and South America has been issued by the Peace Corps and the American Association of Colleges for Teacher Education (AACTE).

Frank Braun, assistant director of the University of Minnesota bureau of recommendations, is working with the AACTE, which is lending its support to the Peace Corps in this project.

Volunteers will serve two years, including a 10-12 week training period at an American college or university. They will teach classes from nursery school to university level in such countries as Chile, Ghana, Nigeria, Malaya, Tunisia, the Philippines and dozens of others, Braun said.

Peace Corps teachers must have a college or university degree, preferably in education, must be over 18 and in good health. There is no upper age limit. June 1962 graduates are eligible for the program as well as experienced teachers and those who have retired from teaching and are still in good health.

A Peace Corps Placement test, prerequisite to volunteering as a teacher, will be given Saturday (April 21) in the United States Post Office building, Minneapolis. Anyone interested should contact Frank Braun, 102 Burton hall, University of Minnesota, for an application form and for further information.

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APRIL 16, 1962

'U' CITED FOR
COURSE IN
OCCUPATIONS

(FOR IMMEDIATE RELEASE)

The University of Minnesota Monday night received the annual award of the Academy of Teachers of Occupations for distinguished service to the profession.

Henry Borow, psychological studies professor in the general college, accepted the award in Chicago for the University. It was presented by Robert Hoppock, education professor at New York university, New York City.

The award was made in recognition of the thirtieth anniversary of the University's course in vocational orientation, believed to be the oldest course in occupations in continuous existence at any college or university.

The course, offered in the University's general college, was started in 1933 with Edmund G. Williamson, now dean of students, as instructor. Now taught by Professor Borow, the course deals with appropriate occupational choice and adjustment, the relationships between educational and vocational selection, and the methods of studying occupations and gaining employment.

Professor Hoppock described the course as one which has "provided an example which others have followed. It has produced research and teaching materials to aid its followers...has sent its former instructors on to distinguished positions in higher education, and has helped to meet the guidance needs of hundreds of bewildered young men."

-UNS-

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
MINNEAPOLIS 14, MINNESOTA
FEderal 2=8158 EXT. 6700
APRIL 16, 1962

'U' DOCTOR WINS
EXPERIMENTAL
PATHOLOGY AWARD

HOLD FOR RELEASE--9 p.m. TUESDAY, APRIL 17, 1962

For his research in immunology and other basic mechanisms underlying disease, Dr. Robert A. Good, University of Minnesota pediatrics professor, Tuesday night received the American Society for Experimental Pathology award of \$1,000, given annually by Parke, Davis and Company to a researcher under 40 years of age.

Dr. Good received the award in Atlantic City, N.J. He was cited for studies in immunology ranging from natural and acquired immunity of infants to disease, to reactions by the body to organ transplants. In the latter field he is credited with observations that are considered fundamental to future advance in this area.

Other findings for which Dr. Good was cited were in kidney function and disease. In collaboration with other researchers, he was among the first to establish by light and electron microscopic study the nature of the lesions in childhood nephrosis, a degeneration of the kidneys, to distinguish infantile from adult nephrosis, and to clarify the underlying basis for other kidney diseases. His studies of how lupus erythematosus, a skin disease, can be caused by certain medications are considered to be most revealing.

Dr. Good entered pathology research through his interest in childhood diseases, particularly rheumatic fever and congenital agammaglobulinemia--the rare and mysterious inability of some male infants to manufacture sufficient gamma globulin to produce antibodies to infections, particularly bacterial.

In addition to his work on agammaglobulinemia, in which he is considered an outstanding authority, Dr. Good has made extensive studies of the development of the immune response in man and animals, and with his associates has recently shown that the thymus gland plays a key role in the development of immunological capacity.

Dr. Good, a native of Minnesota, received the doctor of medicine and the doctor of philosophy degrees from the University Minnesota. He is a member of Phi Beta Kappa and was admitted to membership in the American Society for Experimental Pathology in 1948.

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'U' NAVY ROTC
COMMANDER TO LEAVE

(FOR IMMEDIATE RELEASE)

Captain Cary H. Hall, USN, University of Minnesota professor of naval science and commanding officer of the University's Navy ROTC unit, has received orders for duty on the ship, the USS Neosho, and will leave the University on or before June 15.

A native of Macon, Ga., Captain Hall, 5614 Concord Ave. S., Edina, was graduated from the United States Naval academy, Annapolis, in 1940. He came to the University in July, 1960, taking over command of the ROTC unit following the retirement of Col. Robert O. Bowen, USMC.

Captain Hall's successor at the University has not been named.

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PUBLIC HEALTH
NURSES INSTITUTE
SET AT 'U'

(FOR IMMEDIATE RELEASE)

A conference for public health nurses to help them with problems of serving mentally ill patients will be held Monday and Tuesday (April 23-24) at the University of Minnesota Center for Continuation Study.

Designed for both school nurses and general public health nurses, the conference is being presented by the University in cooperation with the Minnesota Department of Health.

Richard W. Anderson, psychiatry professor, will open the conference with a talk on the mentally ill patient---what he is like, what he needs, what can be expected of treatment.

Other sessions on Monday will include a talk on the legal aspects of mental illness by Galen M. Cadle, assistant Minnesota attorney general, and a discussion of the public health nurse's role in helping patients obtain care.

Tuesday's sessions will begin with a discussion on working with the discharged patient. In the afternoon, Burtrum Schiele, psychiatry professor, will speak on "The Tranquilizing and Antidepressive Medications".

-UNS-

SECRETARIES
SEMINAR SET
AT 'U' APRIL 27,28

UNIVERSITY OF MINNESOTA
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APRIL 17, 1962

(FOR IMMEDIATE RELEASE)

"Seeing What You Look At" will be the general topic of a liberal arts weekend for secretaries to be held Friday and Saturday (April 27 and 28) at Lowell Inn, Stillwater.

The seminar is one in a series conducted for secretaries by the University of Minnesota in cooperation with the National Secretaries association (International). Enrollment is limited to 45, with registrations being accepted in the order received.

The program will begin with dinner Friday evening, followed by an address at 7:30 p.m. by Wendell Johnson, nation-wide lecturer and consultant in speech pathology. Professor Johnson, who will speak on "The Observer and the Observed", has been associated with the speech clinic at the University of Iowa, Iowa City, since its founding in the mid-1920's. He directed the clinic from 1943 to 1955 and is currently carrying on investigations in speech pathology in connection with educational, governmental and private projects.

On Saturday, James Holte, University of Minnesota assistant professor of electrical engineering, will speak on "Art and the Natural World". For the past five years, he also has been a consultant to the Minneapolis School of Art teaching the nature, history and philosophy of science to art students.

George Amberg, professor in the University's interdisciplinary programs, will address members of the seminar on "The Cultivation of Vision". Professor Amberg has been an editor, musician, photographer, author, curator and lecturer. He earned his undergraduate and graduate degrees at the Universities of Kiel, Munich and Cologne, Germany, and was the founder and director of the municipal theater in Cologne. He also helped stage the Heidelberg Festivals and has done extensive research on the motion picture.

The seminar will conclude Saturday afternoon with a talk on "What Seeing is Not" by Ralph Ross, professor in interdisciplinary programs, and chairman of humanities. Professor Ross has made a life-long study of world political institutions and has been described as a man "whose interests lie in the art of the ages and the correlation of history, philosophy, literature and fine arts from ancient Greeks to today".

Secretaries interested in participating in the weekend seminar may obtain application blanks from the Center for Continuation Study, University of Minnesota, Minneapolis 14.

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2 'U' STUDENTS
WIN CHEMISTRY
AWARDS TUESDAY

(FOR IMMEDIATE RELEASE)

Student medal awards of the American Institute of Chemists (AIC) were presented to two University of Minnesota senior chemistry students at a dinner meeting of the Twin Cities chapter of the organization Tuesday (April 17) at the University Campus Club.

Recipients of the AIC awards and their sponsoring professors were: Richard Kretchmer, 249 Union st., Tracy, Minn., chemistry, sponsored by Professor Paul R. O'Connor, division chief and associate chairman of the University chemistry department; and Thomas W. Spriggs, 8801 Penn ave., S., Minneapolis, chemical engineering, sponsored by George W. Preckshot, associate professor of chemical engineering.

The students, two of the group of 18 outstanding chemistry students who will graduate from upper midwest colleges and universities in June, 1962, were chosen on the merit of their high school scholastic achievement, professional potential and recommendation of their respective sponsoring professors. Awards are presented once each year to only one student at each college or university; however, a chemistry major and a chemical engineering major from the same institution may both be eligible.

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U.N. MEMBERS, ENGLISH
JOURNALIST TO
SPEAK AT 'U'

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APRIL 17, 1962

(FOR IMMEDIATE RELEASE)

Three distinguished speakers---a Pakistani, an Indian, and an Englishman--- will be visiting the University of Minnesota within the next month, as personal guests of Samuel Burke, professor and consultant in South Asian studies.

First to arrive will be His Excellency, Sir Muhammad Zafrulla Khan, permanent Pakistanian representative to the United Nations (U.N.) and chairman of the U.N. conciliation committee on the Congo. He will speak at a free University convocation at 11:30 a.m. Thursday (April 26) on "The United Nations and the Congo Problem".

On May 4, Julian Bates, North American editor of Reuters, Ltd., world-wide news agency, will be the principal speaker at the annual News Executives conference, sponsored by the University's school of journalism. Bates will speak at a 7 p.m. dinner in the Minnesota Press club.

His Excellency C. V. Narasimhan, undersecretary for special political affairs at the U.N., will be Professor Burke's third visitor. He will address the annual dinner of the Minnesota Association of the United Nations on May 22 and will also speak at a faculty luncheon sponsored by the political science and international relations department.

Professor Burke was instrumental in bringing all three men to the University for their speaking engagements. They will be house guests of Professor and Mrs. Burke during their stays on the campus. The Burkes, who arrived here in September, are living in the Walter Heller home, 2203 Folwell Avenue, St. Paul, while Heller, economics professor, is in Washington, D.C., on leave from the University.

Professor Burke has known Sir Zafrulla, the convocation speaker, since childhood days in Pakistan. He served under Zafrulla as ambassador to various countries while Zafrulla was first foreign minister of Pakistan from 1948-1955.

Burke's friendship with Narasimhan dates back to the years when both men lived in Bangkok, Thailand---Burke as Pakistanian ambassador and Narasimhan as executive secretary of the United Nations commission for Asia and the Far East. Previously, they were both members of the Indian Civil Service.

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'U' PHARMACY
PROFESSOR WINS
FOUNDATION AWARD

(FOR IMMEDIATE RELEASE)

Professor Ole Gisvold, head of the department of pharmaceutical chemistry in the University of Minnesota college of pharmacy, has been awarded the American Pharmaceutical association foundation award in natural products.

The award is given each year in recognition and encouragement of meritorious achievement in the broad area of the biological chemistry of plants and animals, involving especially such products as antibiotics, alkaloids, hormones and similar substances used in prevention or treatment of disease.

Professor Gisvold was cited in the presentation as an "enthusiastic and inspiring teacher" who has made a "very real impact" on education and research in pharmacy. More than 30 pharmaceutical scientists have received advanced degrees under his direction during the past 20 years, many of whom have achieved outstanding accomplishments in their fields.

Professor Gisvold received the Ebert prize in 1941 and 1953 for pharmaceutical research. At present, he is working on the isolation and enzymatic degradation of cardiac glycosides, with support from the National Institutes of Health. He is the author of several widely used textbooks and has made numerous contributions to pharmaceutical literature, reporting the results of his research.

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LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF APRIL 22-29

- Sunday, April 22 -- University theater: Final performance, Brecht's "The Private Life of the Master Race", 3:30 p.m., Scott hall auditorium, Admission.
- Monday, April 23 -- University gallery: Final day of major show, "The 19th Century: 125 Master Drawings", fourth floor galleries. First Midwestern Exhibition of Belgian Painters, third floor galleries. Local Pottery collection and International Graphic Arts Society, prints by American and European artists, third floor galleries. Northrop Memorial auditorium. Free, open school hours on weekdays.
- "Recent Studies on Vasopressin as a Corticotropin-Influencing Factor", lecture by Dr. Evelyn Anderson, neuroendocrinologist, Ames Research center, National Aeronautics and Space administration, Moffet Field, Calif. 12:30 p.m., 104 Jackson hall. Free, open to public.
- "The Structure of the Earth's Crust from Explosion Seismology", lecture by Dr. John Steinhart, Carnegie Institution of Washington, D.C. 3:30 p.m., 120 Mines. Free.
- Tuesday, April 24 -- Music Hour: University music department presents Glenning's "Sonata for Violin and Piano" and recital by tenor Robert L. Borg. 11:30 a.m., Northrop Memorial auditorium. Free, open.
- Wednesday, April 25-- "Theory and Technique in Somatotyping", lecture by William Sheldon, head of the Constitutional laboratory, Columbia university, New York city. 3:30 p.m., Murphy hall auditorium. Free, open to public.
- "Investment and Economic Growth", lecture by Professor Daniel Hamberg, University of Buffalo, New York. 3:30 p.m., room 2, Vincent hall. Free, open to public.
- Thursday, April 26 -- Convocation: His Excellency, Sir Muhammad Zafrulla Khan, permanent Pakistanian representative to the United Nations and chairman of the U.N. conciliation committee on the Congo, speaking on "The United Nations and the Congo Problem". 11:30 a.m., Northrop Memorial auditorium. Free.
- Opening: Third annual Bach Festival: Organ recital by Professor Heinrich Fleischer, 8:30 p.m., Northrop Memorial auditorium. Free, open to public.

(MORE)

LECTURES AND PUBLIC PROGRAMS

- 2 -

Friday, April 27 -- Bach Festival: Twin City Chamber Chorale and Bach Society orchestra with soloists Eva Knardahl, George Houle, Frederick Sewell and Blake Stern. 8:30 p.m., Northrop Memorial auditorium. Admission.

University Opera Workshop presents fully costumed and staged performance of Mozart's "Cosi fan tutte", 8:30 p.m., Scott hall. Tickets \$1.

"Population Problems of Contemporary Poland", lecture by Leszek Kosinski, Institute of Geography of the Polish Academy of Sciences. 10:30 a.m., room 15, Owre hall. Free.

"Fifty Days on Sinai" (A Report on Some Results of the Expedition of 1960) by Ihor Sevchenko, associate professor of history, Columbia university, New York city. 8:30 p.m., Minnesota Museum of Natural History. Free, open to public.

Opening, annual Campus Carnival. 7-12 p.m., University Field house, 18th avenue S.E. and University avenue. Admission for concessions.

Saturday, April 28 -- Bach Festival: University Baroque Ensemble. 3:30 p.m., Architecture building court. Free, open to public.

"Bach as a Biblical Interpreter", lecture by William H. Scheide, director of famous Bach aria group, New York, 8:30 p.m., Architecture building court. Free, open to public.

University Opera Workshop: Mozart's "Cosi fan tutte", 8:30 p.m., Scott hall. Admission \$1.

Campus Carnival, 7-12 p.m., University Field House, 18th avenue S.E. and University avenue. Admission for concessions.

Sunday, April 29 -- Bach Festival: "St. Matthew Passion", Bach Festival chorus, Bach Society orchestra and soloists Blake Stern, Roy Schuessler, Carolyn Bailey, Lois Duffy and Wendell Howard. 3:30 p.m., Northrop Memorial auditorium. Admission.

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PSYCHOLOGY'S ROLE
IN FITNESS TOPIC
OF 'U' INSTITUTE

(FOR IMMEDIATE RELEASE)

"Contributions of Psychology and Medicine to Fitness" will be the theme of an institute on physical education for women at the University of Minnesota Friday and Saturday, April 27-28.

The annual institute, sponsored by the University's department of physical education for women, will be on the Minneapolis campus, with a Friday evening session at 7:30 p.m. in Murphy hall auditorium, and lecture-demonstrations Saturday at 9:30 a.m. in Norris gymnasium.

Harriet E. O'Shea, Purdue university psychology professor, will open the Friday evening session, speaking on "Psychology and the Reactions of Youth to Fitness". William Josephans, Dalhousi university psychologist, Halifax, Nova Scotia, will speak on "Medicine and the Questions of Youth on Fitness".

Two lecture-demonstrations will highlight the Saturday morning program. George Kreutzer and Lorraine Stevenson from the Hopkins public school system will discuss and demonstrate progression in the Hopkins program of physical fitness. Earnest Davis from the St. Paul public schools will demonstrate procedures for aiding the fitness of the handicapped child.

Registrations for the institute may be made through the University's General Extension division, 57 A Nicholson hall, University of Minnesota, Minneapolis 14, for either or both of the institute sessions. Registration fees are \$2 for both sessions, or \$1 for either of the individual sessions.

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APRIL 19, 1962

'U' AUDIO-VISUAL HEAD
IS PRESIDENT-ELECT
OF MINNESOTA GROUP

(FOR IMMEDIATE RELEASE)

Wesley J. F. Grabow, director of the University of Minnesota audio-visual education service, has been named president-elect of the Audio-Visual Coordinators association of Minnesota.

Grabow has been active in the audio-visual field in Minnesota for many years. He has been on the University's audio-visual education service staff since 1946, assuming the position of director in 1959. He served as executive secretary of the Minnesota audio-visual association from 1955 through 1959.

Active also in the national Department of Audio-Visual Instruction, a division of the National Education association, Grabow is presently serving on the legislative and archival committees of that organization.

Grabow received his undergraduate and master of arts degrees from the University of Minnesota and is currently working toward the doctor of philosophy degree.

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'U' DEAN OF
STUDENTS WINS
NATIONAL AWARD

UNIVERSITY OF MINNESOTA
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APRIL 19, 1962

(FOR IMMEDIATE RELEASE)

Edmund G. Williamson, dean of students at the University of Minnesota, has been named recipient of the 1962 Nancy C. Wimmer Award for leadership in developing counseling programs, which is given by the American Personnel and Guidance association.

The \$1,000 award cited Dean Williamson for organizing the first integrated program of student personnel services in the country. This program at the University of Minnesota has been a model for similar programs in other colleges and universities throughout the world.

He was also honored for "leadership in shaping guidance and counseling programs through consultative and advisory services" to local, state and national educational units and for "significant research" in guidance and student personnel.

Dean Williamson was honored during the annual convention of the American Personnel and Guidance association being held this week (April 16-20) in Chicago.

The Nancy C. Wimmer award, established in memory of a long-time staff member of Science Research Associates, Inc., is given annually for outstanding initiative or leadership in establishing, developing or improving guidance and counseling practices.

Dean Williamson has held office in a number of national professional organizations, serving as president of the American College Personnel association in 1940-44. For 12 years he has been chairman of the Veterans Administration Advisory Committee on Counseling Service for Vocational Rehabilitation and Education. Author or co-author of more than 200 books and articles, Dean Williamson's most recent book is "Student Personnel Services in Colleges and Universities". Currently he is writing a history of counseling and personnel work at the University of Minnesota.

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'U' DEBATERS
MAKE FIRST TRIP
TO NATIONAL TOURNEY

(FOR IMMEDIATE RELEASE)

The first University of Minnesota debate team to take part in the National Debate Tournament in the 16 years of the tournament will leave Tuesday (April 24) for the competition at the United States Military academy, West Point, New York, April 25-28.

Two Hopkins students, David Krause, 13505 Maywood lane, a sophomore in the University's college of science, literature and the arts (SLA), and Andre Zdrzil, a SLA junior, 9603 Ann lane, make up the University's team this year, according to Donald W. Parson, team coach.

The University's team will compete with 35 other winning teams from eight regions around the country, Parson said. Over 100 college and universities make up Region IV---North and South Dakota, Nebraska, Colorado, Kansas, Missouri, Iowa, Wisconsin and Minnesota---from which the Minnesota team emerged as the winner at the regional tournament March 19-20 in Omaha, Neb.

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MT. SINAI EXPEDITION
TOPIC OF 'U' LECTURE

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APRIL 23, 1962

FOR IMMEDIATE RELEASE)

"Fifty Days on Mt. Sinai" will be the topic of an illustrated lecture by a Columbia university historian, Ihor Sevchenko, at 8:30 p.m. Friday (April 27) in the Minnesota Museum of Natural History at the University of Minnesota.

Professor Sevchenko will report results of an expedition in 1960 on Mt. Sinai, sponsored by the University of Michigan and Princeton university, of which he was a member.

Born in Poland, Professor Sevchenko earned degrees at the Deutsche Karlsuniversitaet in Prague, Czechoslovakia and the Universite Catholique de Louvain in Belgium. His fields of study were classical philology, ancient history, comparative linguistics and Byzantinology.

Now an associate professor of history at Columbia university, New York City, Sevchenko has lectured and done research at several distinguished universities since coming to this country in 1949. They include the Dumbarton Oaks Research library at Harvard university, Cambridge, Mass.; University of California at Berkeley; University of Michigan, Ann Arbor, and the Institute for Advanced Study, Princeton, N. J. He also spent a year in Washington, D. C., doing research under a Ford foundation fellowship.

Professor Sevchenko has done extensive study and research on Byzantine history and lectured at the University of Minnesota two years ago in a lecture series on "The Glory of Byzantium".

His lecture, sponsored by the departments of history and concerts and lectures, is free and open to the public.

PAKISTAN UN
DELEGATE TO TALK
AT 'U' THURSDAY

UNIVERSITY OF MINNESOTA
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APRIL 23, 1962

(FOR IMMEDIATE RELEASE)

His Excellency Sir Muhammad Zafrulla Khan, permanent representative of Pakistan to the United Nations (U.N.), will be the University of Minnesota convocation speaker at 11:30 a.m. Thursday (April 26) in Northrop Memorial auditorium.

Sir Zafrulla, who is chairman of the U.N. Congo conciliation committee, will speak on "The United Nations and the Congo Problem".

One of Pakistan's outstanding statesmen, Sir Zafrulla has held several important posts in his own country and internationally. Before his present appointment to the U.N. in 1961, he served seven years as a judge of the International Court of Justice at The Hague, the Netherlands, and was also vice-president of the World Court from 1958-1961.

Following India's independence and the establishment of Pakistan as a separate country, Sir Zafrulla was appointed first foreign minister of Pakistan, serving from 1947 to 1954. In that capacity, he led the Pakistan delegation to the annual sessions of the U.N. general assembly and represented his country at the U.N. security council during the India-Pakistan disputes from 1948-51.

Sir Zafrulla's service to the Indian government included membership in the viceroy's executive council from 1935-1941 and head of the Indian delegation to the League of Nations in 1939. From 1941-47, he was a judge of the federal court of India.

During his visit to the University, Sir Zafrulla will be a house guest of fellow-countryman Samuel Burke, professor and consultant in South Asian studies.

PHILIPPINE EDUCATOR
TO RECEIVE 'U'
ACHIEVEMENT AWARD

UNIVERSITY OF MINNESOTA
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APRIL 23, 1962

(FOR IMMEDIATE RELEASE)

Minneapolis --- A Philippine educator who directed the rebuilding of the schools in the Philippine islands after World War II will receive the University of Minnesota's Outstanding Achievement Award Wednesday (April 25).

Manuel Carreon, coordinator of foreign aid for education and training in the Philippine National Economic council, received a master of arts degree in 1921 and the doctor of philosophy degree in educational psychology in 1923 from the University of Minnesota.

The award will be presented by Stanley J. Wenberg, University vice president for educational relationships and development, at a 4 p.m. reception for Dr. Carreon in Coffman Memorial Union fine arts room on the Minneapolis campus.

Consisting of a gold medal and a citation, the University's Outstanding Achievement Award is given to alumni who have distinguished themselves in their chosen fields.

Carreon has provided strong leadership in many areas of education in the Philippines. Presently, he is in charge of planning for Philippine students who study in the United States, Canada and England and for Asian students who study in the Philippines.

As director of the Bureau of Public Schools and the Bureau of Private Schools, he directed the reorganization and rebuilding of the Philippine schools after World War II. Before the war, as chief of the public schools research division, he introduced the use of tests and measurements in the schools. He has represented his country at UNESCO (United Nations Educational, Scientific and Cultural Organization) and educational meetings all over the world. Earlier this month he attended a UNESCO meeting in Tokyo of Asian education ministers.

Carreon was a Philippine government scholar in the United States from 1919 to 1923, receiving the bachelor of arts degree from the University of Nebraska in 1920. He is a member of Phi Beta Kappa.

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TOP CORPORATION
EXECUTIVES TO TALK
AT 'U' INSTITUTE

(FOR IMMEDIATE RELEASE)

Executives from three of America's largest corporations will be among the speakers scheduled for the third Conference on Records Administration Thursday and Friday (April 26-27) at the University of Minnesota.

The conference, in the Center for Continuation Study, will tackle ways in which business, government and other institutions can cope with the growing volume of records currently being accumulated.

William Benedon, corporate records management adviser for Lockheed Aircraft corporation, Burbank, Calif., will open the conference with a talk on "The Vital Essentiality of Records". A former college economics teacher, Benedon has authored many articles for leading business magazines and is immediate past national president of the American Records Management association. He will illustrate his lecture with visual demonstrations of records management techniques.

Hughes Aircraft corporation of Los Angeles, Calif., will also be represented at the conference by Charles Macbeth, manager of corporate records for that firm. He will moderate a general discussion of six panelists which will close the meeting.

A woman who holds a top national job in records administration will address the conference on "Industry Insures Its Future". She is Dorothy E. Knight, records administrator for Lever Brothers company, New York. Miss Knight will also participate in the panel discussion.

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DUTCH ECONOMICS
PROFESSOR
TO TALK AT 'U'

(FOR IMMEDIATE RELEASE)

Professor Jan Tinbergen of The Netherlands School of Economics will present a free public lecture at the University of Minnesota Monday (April 30).

The lecture, sponsored by the economics department, will be held at 9:30 a. m. in Coffman Memorial Union main ballroom.

Professor Tinbergen, who will speak on "Quantative Adaption of Education to Accelerated Economic Growth", was a director of The Netherlands Central Planning Bureau, 1945-55, and has been a consultant for the United Nations. In 1947 he was president of the Econometric Society and his work on business cycles, national economic planning and the theory of economic policy is internationally known.

A coffee hour, also open to the public, will be held immediately after Professor Tinbergen's talk. It will be held in Room 320, Coffman Union.

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JAMES, 'U' GEOLOGIST,
NAMED TO NATIONAL
SCIENCE ACADEMY

(FOR IMMEDIATE RELEASE)

Harold L. James, University of Minnesota geology professor, Tuesday (April 24) was elected to the National Academy of Sciences, an organization of leading scientists in the United States.

Professor James is the eighth member of the Academy among University of Minnesota faculty. Another member of the University's geology department, Preston E. Cloud, chairman, was elected to membership last year.

The Academy, with headquarters in Washington, D. C., was established by act of congress in 1863 for the furtherance of science and to advise the federal government upon request in scientific and technical matters.

Professor James joined the University faculty in August, 1961, after 23 years as a geologist with the United States Geological Survey. He received his bachelor of science degree from Washington State university, Pullman, Wash., did graduate work at the University of Washington, Seattle, for two years, and received the doctor of philosophy degree from Princeton university, Princeton, N. J.

Professor James special field of study is economic geology and petrology, particularly in the study of metamorphic rocks and metallic minerals.

He is a fellow of the Geological Society of America and a member of several scientific societies.

Other University of Minnesota scientists in the National Academy of Sciences are: Professor Alfred O. C. Nier, school of physics chairman; Dr. Maurice B. Visscher, physiology department head; Bryce Low Crawford, Jr., Graduate school dean and former chemistry department head; I. M. Kolthoff, head of analytical chemistry; Dr. Cecil J. Watson, head of the department of medicine, and John H. Williams, physics professor.

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'U' PROFESSOR TO
DIRECT NATIONAL
INSTITUTE IN PHILIPPINES

(FOR IMMEDIATE RELEASE)

Professor James A. Hamilton, director of the hospital administration program in the University of Minnesota school of public health, will go to Manila, the Philippines, in July to direct a two-month national seminar and institute on hospital administration.

Professor Hamilton was appointed director of the institute by the Philippines government and the World Health organization. Members of the institute will be persons interested in health and hospital affairs in the Western Pacific region.

Jerome T. Bieter, instructor in hospital administration, and Edith Lentz, associate professor in the school of public health, also will represent the University as members of the institute faculty. The majority of the faculty will be drawn from the Philippines and southeastern Asia.

In addition to plenary sessions and panel presentations, the institute will also include surveys of representative hospital and health institutions in the Philippines. The three University of Minnesota staff members will also make a brief survey of hospitals in Japan and Australia during the summer.

POETRY, MAP
HISTORY TOPICS
OF 'U' LECTURES

UNIVERSITY OF MINNESOTA
NEWS SERVICE--214 ADM.BLDG.
MINNEAPOLIS 14, MINNESOTA
FEderal 2-8158 EXT. 6700
APRIL 25, 1962

(FOR IMMEDIATE RELEASE)

A history of map projections and a discussion of the narrative poem as the novel of the future will be the topics of two special lectures next week at the University of Minnesota.

The University's English department will present Louis Coxe, Pierce professor of English at Bowdoin college, Brunswick, Maine, in a lecture at 3:30 p.m. Monday (April 30) in Murphy hall auditorium. Professor Coxe will speak on "The Narrative Poem: Novel of the Future?"

Professor Coxe was a member of the University of Minnesota English department from 1949 to 1955. He joined the Bowdoin faculty in 1955, spent the school year of 1959-60 as a Fulbright lecturer at Trinity college, Dublin, Ireland, and is currently visiting professor at Princeton university, Princeton, N.J.

He is the author of several volumes of poetry and a play, "Billy Budd", written in collaboration with Robert Chapman. In 1961, he won the Brandeis award for poetry.

On Thursday, May 3, the University geography department will sponsor a lecture by Professor Waldo Tobler, University of Michigan geographer, Ann Arbor. Professor Tobler's topic will be "A History of Map Projections from Antiquity to the Present". He will speak at 9:30 a.m. in room 15, Ford hall.

Both lectures, which are free and open to the public, are co-sponsored by the University's department of concerts and lectures.

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SECRETARIES TEST
SET AT 'U' MAY 4, 5

(FOR IMMEDIATE RELEASE)

The annual Certified Professional Secretary examination will be given Friday and Saturday, May 4 and 5, at the University of Minnesota school of business administration in Vincent hall on the Minneapolis campus.

The University is one of 80 centers for the examination in the United States, Puerto Rico and Canada.

More than 1,350 secretaries will take the examination at these 80 centers, according to Professor Ernestine C. Donaldson of the University school of business administration.

Inquiries for the 1963 examinations may be directed to the Institute for Certifying Secretaries, 1103 Grand avenue, Kansas City 6, Mo.

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TOP GOVERNMENT
EXPERTS HEAD
'U' BUSINESS SEMINAR

UNIVERSITY OF MINNESOTA
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APRIL 25, 1962

(FOR IMMEDIATE RELEASE)

Three government experts will head the faculty for the University of Minnesota's first Seminar on Government Contracts which begins Monday (April 30) in Mayo Memorial auditorium.

The three-day seminar is designed to give state businessmen and lawyers a comprehensive lesson on how to do business with the government.

Meritt H. Steger, general counsel for the Navy department, will be a first-day speaker, talking on "Negotiated Contracts" at 10:15 a. m. Steger has been on the Navy department's legal staff since 1946, becoming general counsel two years ago.

Gerritt W. Wesselink, deputy general counsel of the office of the secretary of the Air Force, will open Tuesday's session at 9 a. m. with a report on "Prime and Subcontract Relationship Generally". A native of Sioux Center, Iowa, Wesselink has served on the War Department Board of Contract Appeals and the Armed Services Board of Contract Appeals.

Aaron J. Racusin, deputy for procurement management in the Office of the Assistant Secretary of the Air Force for Materiel, will discuss the "Contract Adjustment Boards" in a 9:45 a. m. talk Wednesday. He is chairman of the Air Force Contract Adjustment Board.

The seminar will be presented by the University's Center for Continuation Study and the law school in cooperation with Twin Cities industrial firms, members of the Minnesota Bar association, the American Bar association and the Federal Bar association.

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STATEMENT OF PRESIDENT O. MEREDITH WILSON
APRIL 26, 1962

The University of Minnesota has a stated policy that regularly approved student organizations can sponsor speakers before their membership and friends. Among such organizations are the Socialist Club as well as the more generally supported Republican and Democratic Clubs.

Ben Davis was invited to the campus by the Socialist Club, a student organization. He will be presented by this group in the ballroom of the Coffman Memorial Student Union. It should be clear that his appearance or the appearance of any other person in these circumstances does not represent endorsement by the University of the views the speaker may express. It is, rather, an expression of the principle of free speech which is a very precious principle in a truly free society; and which, by the way, is a part of the American way of life explicitly guaranteed by the federal constitution.

The objections that are advanced to Ben Davis' appearance on our campus arise either from a lack of confidence in our students or from a lack of faith in our free institutions. We have confidence in both. We believe it would be a disservice to our students and an insult to our nation's maturity if we were to deny Mr. Davis an opportunity to speak. Over-protected students might at once assume that Davis had something to say which was too strong for our reason and our convictions. The University is the product of a free society. It is neither afraid of freedom, nor can it serve society well if it casts doubts on the ability of our free institutions to meet the challenge of doctrines foreign to our own.

(MORE)

We do not fear Ben Davis. Nor can we afford to allow the fears that others may have of him destroy our hard-won right of free expression. We pay only lip service to freedom if only those with whom we agree are allowed a hearing. That kind of emasculated freedom exists in Russia. We require more in America.

As president of the University, I cannot deny access to the campus to Mr. Davis when invited by an approved organization, without seeming to endorse all others who have or may in the future speak under similar auspices. This I am not willing to do.

There are those who fear that Ben Davis will have a field day, making captive the minds of our students. Nothing could be further from the truth. We are proud of the way in which our students have proved their ability to challenge effectively those whose doctrines are not well founded, and we have great confidence in the maturity with which they will respond on this occasion.

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APRIL 27, 1962

CALIFORNIA HISTORY
PROFESSOR TO GIVE
'U' EDUCATION DAY TALK

(FOR IMMEDIATE RELEASE)

Henry F. May, history professor at the University of California at Berkeley, will deliver the annual Education Day convocation lecture Thursday (May 3) at the University of Minnesota. He will speak on "American Education: The Search for a Tradition" at 11:30 a.m. in Northrop Memorial auditorium.

Professor May, whose main professional interest has been the intellectual history of the United States, is the author of two books, "Protestant Churches and Industrial America" and "The End of American Innocence", and of several articles which have appeared in such periodicals as Atlantic, Harper's and the American Scholar. A textbook on United States history, in collaboration with Charles G. Sellers, and a pamphlet on "The Discontent of the Intellectuals" will be published soon by Rand McNally.

Professor May earned both his master of arts degree and the doctor of philosophy degree at Harvard university. He has served on the faculties of Harvard; Lawrence college, Appleton, Wis.; Scripps college, Claremont, Calif.; and Bowdoin college, Brunswick, Maine. In 1959-60, Professor May was a Fulbright lecturer at the Universities of Brussels, Ghent, Louvain and Liege, Belgium.

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LIST OF UNIVERSITY OF MINNESOTA CAMPUS LECTURES AND PUBLIC PROGRAMS

WEEK OF APRIL 29 - MAY 6

- Sunday, April 29 --- Bach Festival: "St. Matthew Passion"--Bach Festival chorus, Bach Society orchestra and soloists. 3:30 p.m., Northrop Memorial auditorium. Admission.
- University gallery: First Mid-Western Exhibition of Belgian Painters, third floor galleries; "Pottery" and "International Graphic Arts Society Prints", third floor galleries. Northrop Memorial auditorium. Open 2-5 p.m. Free, open to public. Open weekdays during school hours.
- Monday, April 30 ---- Professor Jan Tinbergen, The Netherlands School of Economics, lecturing on "Quantative Adaption of Education to Accelerated Economic Growth". 9:30 a.m., Coffman Memorial Union main ballroom. Free, open to public.
- Louis Coxe, English professor, Bowdoin college, Brunswick, Maine, lecturing on "The Narrative Poem: Novel of the Future?" 3:30 p.m., Murphy hall auditorium. Free.
- John Hafstrom, mathematics professor, Duluth campus, lecturing on "Mathematics and Civilization" for Horizon lecture series. 8 p.m., Mayo Memorial auditorium. Free.
- Tuesday, May 1 --- Organist Peter Nygaard, graduate student, in recital, 11:30 a.m., Northrop Memorial auditorium. Free.
- Wednesday, May 2 --- University theater: Opening, Allen Tate's "The Governess", third and final play in a series of original plays presented by the Scott Hall Studio theater. 8 p.m., Scott hall auditorium. Admission. Every evening through Saturday.
- Thursday, May 3 --- Education Day convocation: "American Education" The Search for a Tradition", Henry F. May, history professor, University of California, 11:30 a.m., Northrop Memorial auditorium. Free, open to public.
- Waldo Tobler, geography professor, University of Michigan, lecturing on "A History of Map Projections from Antiquity to the Present". 9:30 a. m., room 15, Ford hall. Free, open to public.

(MORE)

LECTURES AND PUBLIC PROGRAMS

- 2 -

- Friday, May 4 --- Julian Bates, manager for North American Services, Reuters, Ltd., of London, speaking on "Reuters--Telling the United States and the World About Each Other". 2:30 p.m., Murphy hall auditorium. Free, open to public.
- Richard Bennett, Chicago architect, lecturing at 4 p.m. in Frederick Mann court, Architecture building, Free, open to public.
- University Chorus, Solo Chor and Orchestra concert, 8:30 p.m., Northrop Memorial auditorium. Free, open to public.
- State East-Central Regional High School music contest. Vocal contests, 8 a.m.-5 p.m., Northrop Memorial auditorium.
- Saturday, May 5 --- State East-Central Regional High School music contest. Instrumental contests. 8 a.m.-5 p.m., Northrop Memorial auditorium.
- Sunday, May 6 --- University theater: Allen Tate's "The Governess", Studio theater, 3:30 p.m. Scott hall auditorium. Admission.
- Music of Four Faiths Choral. Music by Jewish, Roman Catholic, Greek Orthodox and Protestant choirs. 8 p.m., Northrop Memorial auditorium. Free.

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6 RUSSIAN ENGINEERS
TO VISIT 'U'
HYDRAULIC LAB

(FOR IMMEDIATE RELEASE)

A delegation of six Russian hydraulic engineers is scheduled to be in Minneapolis three days next week to visit the St. Anthony Falls Hydraulic laboratory of the University of Minnesota.

Lorenz G. Straub, laboratory director and head of the University's civil engineering department, will host the group on its visit, Monday, Tuesday and Wednesday (April 30-May 2), to the University facilities.

Straub visited the U. S. S. R. in September, 1961, touring leading hydraulic research establishments and engineering education centers in Moscow and Leningrad.

The St. Anthony Falls Hydraulic laboratory will be one of five leading American hydromechanics research establishments which the Russians will visit during their stay in the United States. The others are the United States government laboratory of the Bureau of Reclamation in Denver, Colo.; the Waterways Experiment station of the Corps of Engineers in Vicksburg, Miss.; the Institute of Hydraulic Research of the State University of Iowa; and the Hydromechanics Laboratory of the Massachusetts Institute of Technology.

While in Minneapolis, the delegation also will visit navigation and river developments of the Army Corps of Engineers on the Mississippi river.

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FORMER AMERICAN
BAR PRESIDENT TO
ADDRESS 'U' LAW BANQUET

(FOR IMMEDIATE RELEASE)

Whitney North Seymour, immediate past president of the American Bar association, will address the University of Minnesota annual Law School and Law Alumni association banquet Wednesday (May 2) in the Normandy Hotel, Minneapolis.

The New York lawyer will speak at the 7 p. m. dinner on the topic "A Salute to Our Brotherhood and the Spirit of Liberty".

The University of Minnesota Law Alumni Association Award for distinction in law practice and public service will be presented at the banquet to Norris Darrell, New York, who is president of the American Law Institute.

Federal Judge Gunnar Nordbye will present the award to Darrell. A 1923 graduate of the University law school, Darrell is a senior partner in Sullivan and Cromwell, a Wall Street law firm. Among professional offices which he holds is the vice presidency of the Practicing Law Institute.

Reservations for the banquet may be made by telephoning the law school office on the Minneapolis campus.

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PSYCHOLOGICAL NEEDS
OF PASTOR TOPIC
OF 'U' INSTITUTE

(FOR IMMEDIATE RELEASE)

Psychological needs of the pastor in his role as a counselor will be the subject of the University of Minnesota's eleventh annual Institute in Pastoral Counseling May 8 and 9 at the Center for Continuation Study.

Dr. John P. Kildahl, counselor at the Lutheran Medical Center, Brooklyn, N. Y., will keynote the institute in a talk on the conference theme at 9 a. m. Tuesday (May 8) and will lead discussions throughout the two-day course.

First day discussions will be based on a case presentation by Dr. Kildahl on marriage counseling. On the second day of the institute, Dr. Kildahl will present a case study on the psychology of grief.

Each case will be considered by institute participants in small discussion groups where they will try to arrive at a solution to the problems involved in the case. A panel of group leaders will compare notes at the afternoon sessions on how each group resolved the case presented in the morning.

Arrangements for the institute are being made by the Bureau of the Coordinator of Students' Religious Activities of the Dean of Students' Office and by the Center for Continuation Study.

Group leaders will be Rabbi Kassel Abelson of Beth El Synagogue in Minneapolis; Wilbur C. Currens, chaplain of the Lutheran Welfare society in Minneapolis; and John B. Oman, pastor of Wesley Methodist church in Minneapolis.

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SMALLEST KNOWN
STAR DISCOVERED
BY 'U' ASTRONOMER

(FOR RELEASE WEDNESDAY, MAY 2, 1962)

Minneapolis --- Discovery of what to date is the smallest known star was announced Wednesday, May 2, by Professor Willem J. Luyten, chairman of the University of Minnesota astronomy department.

The new star, called a White Dwarf because of its size and bluish-white color, is smaller than the moon and much hotter than the sun. It was discovered by Professor Luyten on photographic plates taken with the 48-inch Schmidt telescope of the Mt. Palomar Observatory in California.

Discovery was confirmed by comparing plates taken 11 years apart, which showed that the star has a rapid motion across the sky and is about 100 light years (600 million million miles) from the earth.

The new White Dwarf, called the LP 327-186 (The L stands for Luyten, the P for Palomar and the figures indicate the star's location in the sky) lies in the constellation Taurus (the Bull), not too far from the well known star cluster, the Pleiades (or Seven Sisters).

It appears of the eighteenth magnitude, or more than 60,000 times too faint to be seen by the naked eye.

"Intrinsically, the new star is probably 25,000 times fainter than our sun and very blue in color," Professor Luyten reported, "indicating a high temperature, probably around 15000 or 20000 degrees Fahrenheit.

"In the most conservative estimates, the star can hardly be much larger than half the diameter of our moon---or one-seventh that of the earth--- and must have a density of about 200 million times that of water."

(MORE)

One cubic inch of the star would weigh 3,000 tons. A man weighing 150 pounds on earth would weigh close to half a million tons on the surface of this star.

The White Dwarfs are believed to represent dying stars, according to Professor Luyten, or stars which have "reached the end of the line".

"They are now thought to consist of collapsed and 'stripped' atoms--- degenerate matter, we call it--- and they probably got that way as the result of an explosion," he explained.

There are some 500 known White Dwarfs, more than 400 of which have been found by Professor Luyten during the past 20 years. His latest discovery was made in the course of work done under contract with the Office of Naval Research.

Professor Luyten, an internationally famous astronomer, was born in the Dutch East Indies and came to this country in 1921. He has studied at the University of Leiden in The Netherlands, the Royal Observatory at Greenwich, England, and the University of California.

Before joining the University of Minnesota faculty in 1931, Professor Luyten was on the Harvard university staff as an astronomer from 1923 to 1927 and as assistant professor of astronomy from 1927 to 1930. Winner of three Guggenheim fellowships, he has received numerous research grants from various scientific organizations.

'U' PARENTS' DAY
SET MAY 12

UNIVERSITY OF MINNESOTA
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APRIL 30, 1962

(FOR IMMEDIATE RELEASE)

Campus tours, panel discussions, a talk by University of Minnesota President O. Meredith Wilson and opportunities for parents to meet with University faculty and administrative officials will highlight the annual observation of University Parents' Day Saturday, May 12.

Following the 10 a. m. coffee hour and registration in Coffman Memorial Union, Parents' Day participants will have their choice of one of the tours to: the computer center; the University golf course (for a lesson from University golf coach, Les Bolstad); a trip to the St. Paul campus veterinary clinic to view heart surgery on a dog; a language laboratory demonstration of modern techniques; or a trip through the St. Paul campus related arts department.

The 12:30 p. m. banquet in Coffman Union junior ballroom will be highlighted by an address by President Wilson.

University faculty will lead panel discussions on the Common Market, the Consumer's Stake in Food and Agricultural Programs, Personal Attention for University Students and the Role of Science in Society, from 2 to 3 p. m. Saturday in Coffman Memorial Union.

A coffee hour from 3-4 p. m. will bring the faculty members, college and administration representatives and the parents together for the finale of Parents' Day, 1962, at the University.

Reservations for Parents' Day close Saturday, May 5, according to Leonard F. Ramberg, president of the University Dads' association, sponsor of the event. Reservations, and checks for the \$1.95 luncheon, may be sent to the Dads' association, 200 Eddy Hall, University of Minnesota, Minneapolis 14.