

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 6, 1967

For further information, contact:  
NANCY PIRSIG, 373-2126

'U' PRESIDENT MOOS NAMES  
ADMINISTRATIVE ASSISTANT

(FOR IMMEDIATE RELEASE)

Eileen McAvoy, who formerly was administrative secretary to Malcolm Moos in his Ford Foundation office, has assumed the position of administrative assistant to the new University of Minnesota president.

Under former President O. Meredith Wilson, a similar position was held by James Hammill, now with the Ninth District Federal Reserve Bank.

Miss McAvoy joined the Ford Foundation staff in New York in July 1966. For two years before that, she worked as a secretary in the graduate political science department office at the University of California, Berkeley.

A 1964 graduate of the University of California, she received a bachelor of arts degree with a major in history and a minor in political science. During two previous years, 1960-62, she worked in New York City as a secretary with the Standard Oil Co.

A native of Rutherford, N.J., Miss McAvoy is the daughter of Mr. and Mrs. Herbert McAvoy of Spring Lake Heights, N.J.

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SUBURBAN BUS  
SERVICE SET FOR 'U'

For further information, contact:  
DORIS FENICK, 373-2126

(FOR IMMEDIATE RELEASE)

Minneapolis---University of Minnesota students from suburban areas who will commute to classes on the Minneapolis campus this fall have until Friday, Sept. 15, to eliminate campus parking problems by signing up for the University Express Bus project, according to Marty Eldridge, project director for the Minnesota Student Association (M.S.A.).

This will be the third year that M.S.A. will sponsor and direct the charter-bus service, Miss Eldridge explained. Cost of the twice-daily bus trips will vary according to distance, she said, but will average about \$40 per quarter. The fee must be paid in advance. Buses will arrive on the campus by 8 a.m. each school day, and a multiple departure schedule is planned.

Last year the express buses served students from the areas of White Bear Lake, North St. Paul, Maplewood; South St. Paul, West St. Paul and St. Paul Park; Inver Grove and Mendota Heights; Crystal, Golden Valley, Robbinsdale and New Hope; St. Louis Park, Hopkins and Edina; Bloomington and Richfield; Coon Rapids, Fridley, Anoka, Columbia Heights and New Brighton; and from south Minneapolis.

This year's schedules and fees will be determined and announced by the M.S.A. as soon as the number of students desiring the service is known. Last year more than 400 students used the service.

Information about the service may be obtained by calling the M.S.A. office, 373-2414, during business hours.

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NANCY PIRSIG, 373-2126

7 PROMOTIONS ANNOUNCED  
IN 'U' GENERAL COLLEGE

(FOR IMMEDIATE RELEASE)

Seven faculty promotions in the General College of the University of Minnesota were announced today by Dean Alfred L. Vaughan.

They are:

Assistant Dean Norman W. Moen, from associate professor to professor of social studies; Evelyn D. Crisp to associate professor and Roger A. Larson to assistant professor, both in the division of business studies; William A. Stockdale to professor and Mary L. Wyvell to associate professor, both in the division of literature, writing and speech; Forrest J. Harris, head of social studies, from associate professor to professor; and Fredric R. Steinhauser to professor of social studies.

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U OF M's DELTA FIELD  
TO BE RENAMED  
BIERMAN FIELD

For further information, contact:  
GLENN ICKLER, 373-2126

(FOR IMMEDIATE RELEASE)

The University of Minnesota's Delta field will be renamed Bierman field---in honor of Bernie Bierman, former football coach and professor of physical education--- at a ceremony in Williams Arena on Saturday, Oct. 7.

Bierman, who was head football coach from 1932-41 and from 1945-50, compiled one of the most outstanding coaching records in the history of American collegiate football. He retired as a professor in June 1959.

The brief dedication ceremony will be a part of the Legislators', Editors' and Broadcasters' Day (LEB Day) program. The ceremony will be held at 11:30 a.m., with Stanley J. Wenberg, vice president for educational relationships and development, presiding.

An exhibit of Bierman pictures and mementoes will be included among the LEB Day exhibits in Williams Arena. A plaque which will be placed on a new stone gate at Bierman field will be displayed in the exhibit and at the dedication ceremony.

Delta field, which covers approximately 15 acres just north of the Minneapolis campus, has baseball diamonds for both the varsity and freshman teams; nine softball fields, most of which are lighted, and four lighted touch football fields. Plans call for expansion of the field to 32 acres.

The field is used heavily for intramural softball and touch football and for women's physical education classes and field hockey. University High School football teams play their home games there.

The first portions of the field were purchased in the spring of 1948 and a footbridge across the Great Northern Railway tracks from the campus to the field was built the following year. A building to house baseball team locker facilities and provide storage for intramural equipment also was constructed at that time.

Bierman-coached Minnesota football teams won six Big Ten Conference championships and five national championships. He was noted for his teaching ability and for his way of helping college boys become polished young men.

(MORE)

"The broad sweep of Bernie Bierman's interests stand a bit in the shadow of his great fame in football," Wenberg said. "But his years at Tulane, Iowa Pre-Flight and Minnesota, and his years since retirement, reflect the full range of his interest in the physical, mental and spiritual well-being of his fellow men. A field dedicated to the interests of all students in intramural sports and physical education, as well as intercollegiate athletics, most appropriately should bear the name of Bernie Bierman."

John L. Griffith, former Big Ten Conference athletic commissioner, in the foreword to Bierman's book, "Winning Football" (published in 1937), said Bierman "would be a great teacher even if he taught a different subject."

Bierman's overall perspective was expressed in that book when he said: "I don't think football has much more effect upon the well-being of an institution than high-class achievement in other fields of college activities."

There was no question about the high-class achievement of Bierman's football teams. His Minnesota teams won 93 games, lost 35 and tied 6. He coached at Butte (Mont.) High School, the University of Montana, Mississippi A&M and Tulane University before coming to Minnesota and his lifetime coaching record stands at 152 victories, 59 losses and 12 ties.

A native Minnesotan, Bierman was born in Springfield on March 11, 1894. He attended high school in Litchfield and was graduated from the University of Minnesota in 1916. At Minnesota he participated in football, track, baseball and basketball. He captained the 1915 Gopher football team, which won the conference championship, and was named to the all-conference team that year. Upon graduation, he was awarded the Western Conference medal for proficiency in scholarship and athletics.

Bierman coached Butte High School to an undefeated season in 1916, then joined the U.S. Marines as a private. He came out as a captain in 1919 and became head coach at Montana. He left coaching for a year in 1922 to work as a bond salesman in Minneapolis, then returned as assistant coach at Tulane in 1923.

(MORE)

Bierman was head coach at Mississippi A&M in 1925 and 1926, then went to Tulane as head coach in 1927. He returned to his alma mater in 1932, when Minnesota football was in the doldrums, and under his coaching the Gophers experienced what has been called the "glory period" of Minnesota football.

Bierman's teams went undefeated in 1933, 1934, 1935, 1940 and 1941; won Big Ten championships in 1934, 1935, 1937, 1938, 1940 and 1941 and were national champions in 1934, 1935, 1936, 1940 and 1941.

He was called back into the Marines as a major in 1942, serving as athletic officer and football coach at Iowa Pre-Flight School in Iowa City. He was promoted to lieutenant colonel and was released from the service in time to resume his Minnesota coaching duties in 1945.

Minnesota lost many top athletes during the war because the school had no armed forces training program and Bierman had to rebuild his team completely. The 1949 team narrowly missed the conference championship. Bierman resigned from coaching at the end of the 1950 season but remained on the faculty as a professor.

Bierman's wife, Clara, also is a University of Minnesota graduate.

The Biermans reside at 2231 Folwell ave., Falcon Heights. Their two sons, William and James, also were graduated from the University. William is a St. Paul attorney and James works for Litton Industries in Los Angeles.

Bierman is a member of the National Football Hall of Fame and the Helms Hall of Fame. He was president of the American Football Coaches Association in 1935 and received the University's Outstanding Achievement Award in 1955. Since his retirement, Bierman has done newspaper and radio work, has served on the Minneapolis Chamber of Commerce Sports and Attractions committee and has helped organize Goodwill Industries charity drives.

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NANCY PIRSIG, 373-2126

10 FACULTY PROMOTIONS LISTED  
FOR PHARMACY, DENTISTRY, LAW

(FOR IMMEDIATE RELEASE)

Three professional colleges at the University of Minnesota today announced the promotions of ten faculty members. They were the Law School, the College of Pharmacy and the School of Dentistry.

Law School Dean William B. Lockhart listed two promotions, both to associate professor: Joseph M. Livermore and Charles W. Wolfram.

Pharmacy Dean Lawrence C. Weaver announced one promotion: Harvey J. Kupferberg to assistant professor.

Seven promotions were listed by Dentistry Dean Erwin M. Schaffer. They are Anna T. Hampel to professor; Cesar R. Umana and Eugene E. Petersen to associate professor; Kenji Horita and Norman A. Korn to clinical associate professor; and Edgar F. Ziegler and Leonard H. Arndt to clinical assistant professor.

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UNIVERSITY OF MINNESOTA NEWS NOTES

(FOR IMMEDIATE RELEASE)

WHITING RECEIVES  
THEATER AWARD

Frank M Whiting, director of the University of Minnesota Theatre, has received the annual award of merit of the American Educational Theater Association (AETA). Whiting, a past president of AETA, received the award for "selfless leadership and counsel to national, regional and university theater."

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'U' PSYCHOLOGIST  
IS HONORED

Professor Paul E. Meehl of the University of Minnesota psychology department has received a "Distinguished Contributor Award" from the clinical division of the American Psychological Association (APA). Meehl, a past president of the APA, received the association's "Distinguished Scientific Contribution Award" in 1958. He was chairman of the University psychology department from 1951 to 1957.

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CHILEAN PROGRAM DIRECTOR  
STUDYING AT MINNESOTA

Manuel Sanchez-Nelson, co-director of the University of Minnesota-Chilean Cooperative Agriculture Program, is studying this year at the University of Minnesota. He is working toward a master's degree in public administration and agriculture.

The Minnesota-Chilean agriculture program is funded by a grant from the Ford Foundation. It is administered by the University Institute of Agriculture and the Office of International Programs.



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For further information, contact:  
JUDY VICK, 373-2126

ADMISSION TESTS  
FOR BUSINESS GRAD STUDY  
TO BE OFFERED

(FOR IMMEDIATE RELEASE)

Registration forms for the first Admission Test for Graduate Study in Business in the 1967-68 testing program should be obtained by Monday, Sept. 25, the University of Minnesota Office of the Dean of Students announced today.

The test will be given Nov. 4 at the University of Minnesota.

Completed registration forms and fees must be filed at least two weeks before the testing date. Forms can be obtained at 101 Eddy Hall, University of Minnesota, or by writing to Admission Test for Graduate Study in Business, Box 966, Educational Testing Service, Princeton, N.J. 08540.

The admission test is required by graduate business schools or divisions at more than 170 colleges and universities throughout the country, including the University of Minnesota.

The test does not presume that the candidate has taken any undergraduate work in the business area. It may be repeated without prior authority from a graduate school of business. In such cases, both old and new scores will be reported to designated institutions.

The Admission Test for Graduate Study in Business will also be offered Feb. 3, April 6, July 13, and Aug. 10, 1968.

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For further information, contact:  
ROBERT LEE, 373-5830

U COLLEGE OF PHARMACY  
ANNOUNCES STAFF ADDITION

(FOR IMMEDIATE RELEASE)

Robert Vince, assistant professor in the medicinal chemistry department of the University of Mississippi, has received a similar appointment at the University of Minnesota, it was announced today by Dean Lawrence C. Weaver of the College of Pharmacy.

The University of Minnesota's medicinal chemistry department is headed by Ole Gisvold.

Vince received a bachelor of science degree in 1962 from the University of Buffalo, N.Y., and his doctor of philosophy degree in medicinal chemistry in 1966 from the State University of New York at Buffalo.

A recipient of the Lunsford Richardson Award for merit in graduate research, Vince belongs to a number of professional associations including Rho Chi, professional pharmacy honors society, and the American Association for the Advancement of Science.

Vince, his wife and two children are living in the Highland Park area of St. Paul.

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GLENN ICKLER, 373-2126

SWEDISH CHEMIST  
TO TEACH AT 'U'  
DURING FALL QUARTER

(FOR IMMEDIATE RELEASE)

A prominent Swedish chemistry professor will teach at the University of Minnesota during the 1967 fall quarter under the Hill Family Foundation visiting professor program.

Lars Gunnar Sillen, professor of inorganic chemistry at the Royal Institute of Technology, Stockholm, will teach a class in Inorganic Polymerization Processes in Solution at the University this fall. The course is offered for credit in both inorganic and analytical chemistry.

Sillen's research interests include studies of the nature of species in aqueous (water) solutions and oceanography. He is studying the composition of seawater and the historical development of the composition of oceans.

Sillen has been at the Royal Institute for about 20 years. He was a visiting professor at Massachusetts Institute of Technology in 1957 and has visited the University of California at San Diego and Woods Hole Oceanographic Institution in connection with his oceanographic research.

Sillen is a member of and has been an officer in the International Union of Pure and Applied Chemistry.

The Hill Family Foundation will sponsor six visiting professors at the University during the 1967-68 academic year.

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DORIS FENICK, 373-2126

PARENTS, STUDENTS TO ATTEND  
'U' WELCOME WEEK ACTIVITIES

(FOR IMMEDIATE RELEASE)

Minneapolis---More than 3,000 parents of new students at the University of Minnesota will visit the Minneapolis campus Sunday, Sept. 17, when the annual observance of Parents' Day will open the 1967 Welcome Week programs.

Following noon-time campus tours to the Army R.O.T.C. installation in the Armory, the facilities of Coffman Union and the University Gallery, the parents will assemble at 1:30 p.m. in Northrop auditorium for the Parents' Day convocation where they will be welcomed to the University by the new president, Malcolm Moos. This will be President Moos' first public appearance in his official capacity.

Welcomes also will be extended by William Newell, Minnesota Student Association president, and by Walter J. Kofski, Minnesota Dads' Association head. Edmund G. Williamson, University dean of students, will address the assembly on "Your Commitment to a College Education."

College deans and faculty members will hold open houses on the Minneapolis and St. Paul campuses at 3:30 p.m. and 11 religious centers on both campuses will entertain the parents and students from 4 to 5:30 p.m.

(MORE)

Welcome Week, 1967 (Sept. 17-23), has as its theme this year the phrase, "Take Back Your World," according to Roger Harrold, director of orientation for the dean of students office. "This theme, from a poem by Jean Ohman, will stand as a stimulus, as a challenge to truly take back the world, to re-examine it, to question the values of the 'New Morality,' and finally, to accept the responsibility of living in and bettering that selfsame society," he said.

"Your Responsibilities as a Student" will be discussed by the noted lecturer, author and editor, William F. Buckley, Jr., in the Welcome Week keynote address at the opening convocation at 10 a.m. Monday, Sept. 18, in Northrop auditorium.

Other highlights in the cultural, recreational and educational programs scheduled for Welcome Week on the Minneapolis and St. Paul campuses include:

\* "Introduction to the Lively Arts",---a specially prepared sampler of the events to be presented during the coming year in Northrop auditorium---at 2 p.m. Tuesday, Sept. 19, in Northrop auditorium;

\* An all-day program Wednesday, Sept. 20, on the St. Paul campus;

\* International Day, Thursday, Sept. 21---climaxed by a concert featuring "Spanky and Our Gang" at 8:30 p.m. in Northrop auditorium and the crowning of the Welcome Week Queen;

\* A football pep fest with the University Marching Band, the cheerleaders, Pom Pon girls and members of the 1967 Gophers Friday, Sept. 22, at 12 noon on The Mall;

\* The opening football game of the 1967 season, Minnesota vs. Utah, at 1:30 p.m. Saturday, Sept. 23, in Memorial stadium.

University fall quarter classes will begin on Monday, Sept. 25.

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Note to Editors: This information may be of help in planning coverage of Welcome Week activities at the University of Minnesota. For further information, or for help in setting up pictures, call Doris Fenick, 373-2126.

Sun., Sept. 17---

Freshman campers return: mid-afternoon; unload, Fourth street in front of Williams arena. Cameramen, park in Lot 34, next to Cooke hall.

Mon., Sept. 18---

Buckley will NOT hold a news conference and does not care to give any personal interviews.

Wed., Sept. 20---

St. Paul Campus day: Paul Cashman, assistant vice president for educational relationships and development, will speak on the role that awareness and sensitivity play in education, at convocation, 1 p.m. on the mall. North Star ballroom, if rain.

PICTURES: Paint-tossing on the St. Paul mall. Lots of paint, kids and big mess, 3:30 p.m., followed by folk-music festival with audience participation. Barbecue supper, 5 p.m.

Thurs., Sept. 21---

International noon program: Members of the Arab-American club and of the African Student Association, in native dress, will produce an inter-cultural exposition on the terrace in front of Coffman Union. 12 noon. (Colorful)

Italian buffet, 5:30-7 p.m., Coffman Union main ballroom; Italian food, wandering minstrel group, Welcome Week awards.

Coronation, Welcome Week Queen (candidates selected from freshman camp groups, orientation groups, etc. The 1966 Aquatennial Queen is a freshman, and a likely winner!) 9:30 p.m., Northrop auditorium.

Fri., Sept. 22---

First Pep Fest: members of 1967 football squad, Warmath, University Marching Band, Pom Pon girls, etc., 12 noon, mall in front of Coffman Union.

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NANCY PIRSIG, 373-2126

PERSIAN NOW OFFERED  
SATURDAY MORNINGS  
AS 'U' EXTENSION COURSE

(FOR IMMEDIATE RELEASE)

Beginning Persian has been added to the Middle Eastern languages that can be studied through the General Extension Division at the University of Minnesota.

Persian has never been offered before as a University extension course, according to Professor Anwar Chejne, chairman of Middle Eastern languages. The other two Middle Eastern languages offered are beginning Hebrew and beginning Arabic, and these together with Persian are believed by Chejne to be a unique extension offering in this country.

All three are offered by the evening-class department of the General Extension Division, although Persian is one of a half-dozen courses offered on Saturday morning, according to Professor Albert Fulton, director of evening classes. All three are semester courses, which means that classes will run from Sept. 25 to Jan. 27.

Persian will be taught from 9 to 11:30 a.m. Saturdays. Both Hebrew and Arabic will be taught from 6:20 to 8 p.m. on Tuesdays.

Persian is the language of Iran, where it is spoken by approximately 10 million people. It is an Indo-European language, according to Chejne, written in an Arabic script. He adds that it influenced, and was influenced by, Arabic in Medieval times.

Evening-class registration, which runs from Monday (Sept. 11) through Sept. 20, can be made in 211 Nicholson hall on the Minneapolis campus; at the St. Paul Extension Center, Ninth and Exchange, or at the MacPhail Center, 1128 LaSalle ave., Minneapolis. Additional information is available at telephone number 373-3195.

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JUDY VICK, 373-2126

GRAD RECORD EXAMS  
TO START OCT. 28

(FOR IMMEDIATE RELEASE)

Graduate Record Examinations of the National Program for Graduate School Selection will be offered beginning Saturday, Oct. 28, 1967.

Testing will be continued, Dec. 9, 1967, and Jan. 20, Feb. 24, April 27 and July 13, 1968.

Graduate Record Examinations are required or recommended for admission and fellowship awards at many American and Canadian graduate schools. The examinations include an aptitude test of general scholastic ability and advanced tests of achievement in 21 major fields of study. Candidates are permitted to take the aptitude test and one advanced test on any of the six national testing dates.

A Bulletin of Information and registration form can be obtained from the Student Counseling Bureau, 101 Eddy Hall, University of Minnesota or the Educational Testing Service, 990 Grove st., Evanston, Ill., 60201.



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GLENN ICKLER, 373-2126

'U' RESEARCHERS INVESTIGATE  
BLOOD FLOW, CELL DAMAGE  
IN NATIONWIDE NIH PROGRAM

(FOR IMMEDIATE RELEASE)

A group of University of Minnesota engineering professors and students are searching for the solution to a major problem in the development of blood circulatory assist devices and valves under a \$74,000 contract awarded by the National Institutes of Health (NIH).

The development of artificial hearts and heart-assist devices has been slowed by a number of problems relating to blood flow and damage to blood cells. The one-year contract makes the University a part of a nationwide, NIH-financed research program aimed at solving these problems.

The University was one of three applicants (out of more than 40) who were awarded contracts to study the effects of flow clotting and destruction of red blood cells in circulatory assist devices and artificial valves.

Directing the University research, which involves the microscopic study of the character of blood particle flow near foreign surfaces, is Perry L. Blackshear, professor of mechanical engineering. The researchers are divided into three groups, headed by Blackshear; Richard Goldstein, professor of mechanical engineering, and Kenneth Keller, assistant professor of chemical engineering.

"We are studying the microscopic character of the particle flow because we are mainly concerned with red blood cells," Blackshear said. "These make up 95 per cent of the solid particles in the blood. Circulatory assist devices must not destroy more than 1 per cent of a patient's red blood cells per day because the body has a hard time replacing them and getting rid of the debris."

(MORE)

The engineers have learned that a red cell has about the same resistance to fragmentation as a drop of oil (of the same size) suspended in water. Theoretically, Blackshear said, if red cells are squeezed between two parallel plates, there should be no destruction until a pressure of about eight pounds per square inch is exerted on the cells. In practical application, however, there is some cell loss long before this pressure is reached.

"About one cell in a thousand that comes in contact with a foreign surface has something happen to it---but we don't know what," Blackshear said. "For some reason, they lose their hemoglobin." (Hemoglobin is the red, iron-containing protein pigment in red cells).

Blackshear pointed out that the diffusion process in blood is different from that in any liquid normally studied by engineers.

"If you look at blood flowing through a tube, the flow looks smooth," he said. "Actually, there is a micro-turbulence caused by the movement of the cells."

The University engineers have discovered that this particle motion influences the diffusion of not only the red blood cells, but also the dissolved solutes in the blood.

To study the microscopic red cells (some 5 billion will fit into a cubic centimeter), the engineers are using a system invented in Montreal about a year and a half ago. This involves making "ghosts."

A ghost is made by gently removing the hemoglobin from a red cell and replacing it with a clear substance. The ghosts are transparent, so that when a sprinkling of intact red cells is put into a solution of ghosts, the red particles can be followed under a microscope.

The ghost-red cell suspensions are being studied in three different ways by the three groups of researchers. Results of the three methods will be compared as a check for validity.

The experimenters are working with dog blood in tubes only one and two millimeters in diameter.

In the bioengineering laboratory, within the mechanical engineering department, Frank Dorman (a research fellow) is developing a technique for making three-dimensional microscopic motion pictures of the blood particles in the neighborhood of the wall of a vessel.

"By doing this, we hope to establish the diffusive character of the blood in close proximity to the wall," Blackshear said. Walls of varying chemical composition and texture will be used in an effort to determine which materials cause the least damage to the red cells.

Complicating the work is the fact that no three-dimensional filming system exists for microscopic studies of this type. Dorman is constructing the equipment needed.

Paralleling the filming experiment will be the work of Goldstein's group. They will attempt to measure the speed of the moving pigmented cells in the ghost suspension by means of a Laser-Doppler shift instrument. (This instrument sends out a signal of a certain frequency and measures the change in frequency after the signal strikes a moving object, scatters and is reflected back to the instrument).

The third group, under Keller, will measure diffusion directly by using radioactively tagged cholesterol. The cholesterol, a fat which is much more soluble in red cell membranes than in saline solutions, will be put on the walls of a tube through which the ghost suspension is run. Experimenters will then measure the rate at which the cholesterol is removed from the walls.

Also working on the project is Murray Rosenberg, professor of zoology, who is trying to discover exactly what happens when a red blood cell strikes the wall of a tube. All surfaces which come in contact with blood collect a coating of plasma proteins almost instantaneously, but Rosenberg hopes to find out why the coating apparently adheres more readily to some substances, such as glass, than others, such as Teflon.

"Our direct purpose is to try to establish the frequency and nature of red cell and wall encounters so that we can have proper flow systems available to evaluate new materials as they are introduced and to rationally design artificial organs using these new materials," Blackshear said.

He noted that the interdisciplinary nature of the study makes the work beneficial in another way.

"In doing health science-related work, we help our own disciplines by being led to discover things which are useful in the physical sciences," he said. "There is a great deal to be gained from bringing people of different backgrounds together."

Blackshear, whose major field of interest is heat and mass transfer in combustion phenomena, chemically reacting gases and jet propulsion, has been engaged in bioengineering research involving red cells and mechanical stress since 1963. He began work then on a project with Dr. Eugene Bernstein, assistant professor of surgery, and Dr. Richard Varco, professor of surgery.

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JUDY VICK, 373-2126

MACLEISH NAMED  
VISITING PROF

(FOR IMMEDIATE RELEASE)

Andrew MacLeish has been appointed visiting professor of English at the University of Minnesota for 1967-68.

MacLeish, a nephew of poet and critic Archibald MacLeish, is an associate professor of English at Northern Illinois University. During his year at Minnesota he will teach courses in the grammar of present-day English and the history of the English language.

A specialist in the Malay language, MacLeish recently completed a monograph description of the spoken language of North Borneo which will be published by the Peace Corps and the Foreign Service Institute. He is the author, with Martin Kalligh, of "The American Revolution Through British Eyes," an anthology published by Harper and Row, and "Oedipus: Myth and Drama," published by Odyssey Press. His latest work, "The Middle English Subject-Verb Cluster," will be published this year.

MacLeish is married and has three children. He received his bachelor's degree from Roosevelt University; his master's degree from the University of Chicago, and his doctor of philosophy degree from the University of Wisconsin. He has taught at State College of Iowa, Rockford College and Valparaiso University, in addition to Northern Illinois.

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JUDY VICK, 373-2126

CHILDREN'S ART CLASSES  
TO BEGIN SEPT. 23  
AT 'U' INSTITUTE

(FOR IMMEDIATE RELEASE)

Art classes for children will begin Saturday, Sept. 23, at the University of Minnesota Institute for Child Development.

Classes will meet from 9 to 11:30 a.m. each Saturday for 10 weeks.

The program is designed to provide an opportunity for teachers and students to experiment with new art materials and new methods of communication through art.

Professor Clifton Gayne, chairman of the University art education department, is supervisor of the program. Classes are taught by graduate students in the art education department.

Children from age 5 to 10 are eligible. Preference will be given to those who have not previously been enrolled in an art class at the institute. Fee for the series is \$7.50.

Registration materials and further information can be obtained by writing to Mrs. Helen Dickison, Institute of Child Development, University of Minnesota, Minneapolis 55455, or by phoning 373-2386.

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CREDITOR'S REMEDIES  
TO BE SUBJECT OF  
LEGAL EDUCATION COURSE

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

"Practitioner's Review of Creditor's Remedies," a new course to be offered by the department of continuing legal education of the University of Minnesota General Extension Division, will be held Friday and Saturday, Sept. 22 and 23, in the Radisson hotel, Minneapolis.

The one-and-a-half-day course will review the remedies available to a creditor against a debtor in each of the three most common creditor-debtor situations.

In the first situation the creditor is without a lien and acting alone. In the second, the creditor acting alone possesses a security interest or lien. In the third situation the creditors acting as a group possess the remedies of receivership and involuntary bankruptcy.

The review will include the rights of the creditor in bankruptcy proceedings and the rights of debtors, including composition and assignments.

A practice manual containing detailed outlines, checklists and forms prepared by the speakers, plus a reprint of the article "Mechanics' Liens," will be distributed to each participant.

The following Twin City attorneys will serve as lecturers: Miles E. Efron, Donald R. Johnston, Thomas A. Keller III, Roger A. Nurnberger, Howard A. Patrick, Stuart G. Webb, and LeRoy F. Werges, all of Minneapolis; and Douglas R. Heidenreich, Dean of the William Mitchell College of Law, and Jerome B. Simon, St. Paul.

To register, write to the Department of Continuing Legal Education, 338 Nolte Center, University of Minnesota, Minneapolis 55455.

Fee for the course is \$25 if received by Thursday, Sept. 21, and \$30 if received after that date. The registration fee includes the cost of the course, the Saturday luncheon, and the practice manual.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 11, 1967

4 NIGHT LECTURES  
PLANNED FOR  
CORROSION ENGINEERS

For further information, contact:  
GLENN ICKLER, 373-2126

(FOR IMMEDIATE RELEASE)

The University of Minnesota General Extension Division will sponsor a series of lectures entitled "Organic Coatings for Corrosion Control" in cooperation with the North Central chapter of the National Association of Corrosion Engineers.

The program, open to all persons involved in corrosion control, will consist of four Tuesday-evening lectures on Sept. 26, Oct. 24, Nov. 14 and Dec. 12. The lectures will begin at 7 p.m. and consist of two 60-minute sessions separated by a 15-minute coffee break. They will be held in the Nolte Center for Continuing Education on the Minneapolis campus.

Subjects to be discussed at the Sept. 26 sessions are "Surface Preparation," "Properties of Coatings for Corrosion Control," "Structure of Polymers" and "Relation of Structure and Properties of Polymers." Speakers will be Morris E. Nicholson, University professor of metallurgical engineering, and George R. Harrison, senior chemical specialist in the 3M Co. chemical division.

On Oct. 24, Hubert Beckman and Robert Carpenter, both of ADM Chemicals Co., will discuss "Reinforced Polyester Coatings."

The Nov. 14 lecture on "Epoxy Coatings" will be given by Rupe Strobel, of the 3M Co. electrical products division.

C. G. Munger, vice president of R&D Amercoat, Brea, Calif., will discuss "Vinyl Coatings" on Dec. 12.

Registration information may be obtained by calling the Nolte Center (373-3151) or by writing to the director of the department of conferences and institutes, Nolte Center for Continuing Education, University of Minnesota, Minneapolis 55455. Fee for the series is \$20.



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For further information, contact:  
JUDY VICK, 373-2126

VECOLI HEADS  
'U' IMMIGRATION  
STUDIES CENTER

(FOR IMMEDIATE RELEASE)

Rudolph J. Vecoli, 40, has been appointed director of the University of Minnesota Center for Immigration Studies, effective Sept. 16.

Professor Vecoli, former associate professor of history at the University of Illinois, is the second man to head the center. He succeeds Professor William E. Wright who is now director of graduate studies in the University's history department.

The purpose of the center, established in 1965, is to give direction to and provide facilities for the study of immigration to America from central, eastern and southern Europe since the Civil War. Its development is the outgrowth of work begun in 1962 by a group of history professors led by Professor Timothy L. Smith. This group set up the Immigrant Archives, a collection of the historical records of this immigration, in Walter Library. Minnesota was one of the first institutions of higher education in the country to establish a center for the study of immigration.

The primary duty of the director of the center is to develop teaching and research programs in immigration studies. In cooperation with the library, he locates and acquires materials for the Immigrant Archives. Establishing cooperative relationships with other research centers in the United States and abroad is also his responsibility. The director is administratively responsible to the dean of the College of Liberal Arts.

(MORE)

"We will continue to seek historical materials for the Immigrant Archives and will initiate other research projects," Vecoli said. "We intend to expand the program of the center to include other disciplines. Migration is an important subject of study for the disciplines of sociology, anthropology, political science, geography and economics, as well as history." A new advisory committee for the center will include representatives of several University departments.

Vecoli has had summer appointments at the University of Minnesota for the last two years. In addition to Illinois, he has taught at Rutgers - the State University, Pennsylvania State University and Ohio State University.

Most of Vecoli's research has been in the history of American immigration. He authored a study of Italians in Chicago which he hopes to have published in 1968. Another book, "The People of New Jersey," was published by D. Van Nostrand Company, Inc. He is president of the recently formed American Italian Historical Association.

The new director was born in Wallingford, Conn., of immigrant parents. He received a bachelor's degree from the University of Connecticut, a master's degree from the University of Pennsylvania, and a doctor of philosophy degree from the University of Wisconsin. Vecoli served for several years as a foreign affairs officer in the U. S. Department of State. He and his wife and their three children live in Minneapolis.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 12, 1967

For further information, contact:  
JUDY VICK, 373-2126

ART EXHIBIT  
OPENS SUNDAY  
IN 'U' GALLERY

(FOR IMMEDIATE RELEASE)

A lithograph by French satirist Honore Daumier will be included in the exhibit of "Recent Acquisitions Through the Nordfeldt Fund" opening Sunday, Sept. 17, in the University Gallery.

A public reception will be from 5 to 7 p.m. Sunday in the third floor galleries of Northrop auditorium, University of Minnesota.

The showing will include drawings and prints from the 15th to 19th centuries plus three 20th-century American works. The fine tone 19th-century print by Daumier, an Italian chiaroscuro woodcut by an unknown artist, five 15th and 16th century German Renaissance prints and Italian, French and German drawings are in the collection. The American works are a still life pastel by George F. Of, an ink and pencil nude by Elie Nadelman and a collage by Joseph Stella.

Most of the prints and drawings were selected to supplement the gallery's present collection which is richest in later 19th and 20th century works of art. They were selected by Professor Hylton A. Thomas of the University art history department and Charles Savage, gallery director.

The American works were selected because they exemplify European influences on early 20th-century American art. Works for the University Gallery are purchased for their value as exhibit and study pieces.

(MORE)

ART

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The acquisitions were funded by Mrs. Bror Julius Olsson (B.J.O.) Nordfeldt, Lambertville, N.J. Mrs. Nordfeldt, the former Emily Abbott, is originally from Minneapolis and received bachelor's and master's degrees in French literature from the University of Minnesota. She is the widow of the painter who was one of the charter New Mexico "Modernists" and at one time a teacher in the Minneapolis School of Art. His works are included in the permanent collection of the University Gallery.

The show will continue through Nov. 9. The gallery is open from 8 a.m. to 4 p.m. Monday through Friday, from 2 to 5 p.m. most Sundays, and before performances in the auditorium and during intermission.

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For further information, contact:  
JUDY VICK, 373-2126

LIVELY ARTS  
TO BE INTRODUCED  
IN NORTHROP PROGRAM

(FOR IMMEDIATE RELEASE)

A sampler of the "lively arts" will be presented Tuesday,  
Sept. 19 at 2 p.m. in Northrop auditorium, University of Minnesota.

The program will include the following artists: Eleanor Steber, Metropolitan Opera Company soprano; the Rube Ristrum jazz quintet; Richard Zgodova, pianist; the John Sambucco chamber quartet, comprised of members of the Minneapolis Symphony Orchestra; members of the Contemporary Dance Playhouse, directed by Mrs. Loyce Houlton; Bill Dokkins, classical guitarist, and a leading barbershop quartet.

The program is planned primarily to introduce incoming freshmen at the University to the programs which will be offered in Northrop auditorium during the year. It is open to the public.

James S. Lombard, director of concerts and lectures for the University of Minnesota, will be the master of ceremonies.

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For further information, contact:  
NANCY PIRSIG, 373-2126

3 UNITS AT U OF M  
ANNOUNCE PROMOTIONS

(FOR IMMEDIATE RELEASE)

Three units of the University of Minnesota today announced the promotions of nine faculty members.

Five persons were promoted in the General Extension Division, according to Dean Willard L. Thompson.

They are Clara Kanun to associate professor; Sheldon Goldstein, assistant director of the department of radio and television, to associate professor; Willard D. Philipson, director of the Audio-Visual Extension Service, to assistant professor; Richard W. Grefe to instructor in the department of special classes; and Dale E. Stroud to assistant professor of mortuary science.

The Office of the Dean of Students announced the promotion of David M. Wark to associate professor in the Student Counseling Bureau; Richard P. McDermott to associate professor of speech in the Speech and Hearing Clinic; and John Cowan to assistant professor in the dean's office.

The Hormel Institute at Austin, Minn., had one promotion: Wolfgang Baumann to assistant professor.

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MEN'S SEMINAR  
TO FOCUS ON THE  
STATE OF THE ARTS

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

The University of Minnesota series of evening seminars for business and professional men continues this fall with seven programs on the topic, "The State of the Arts in America: A Survey and Evaluation of the Arts in the 60's."

The seminars are sponsored by the department of special courses of the University's General Extension Division. Sessions will be held from 6 to 10 p.m. on alternate Tuesdays, beginning Sept. 19, in the University's Campus Club.

Each program will begin with a social hour and dinner which will be followed by a lecture and discussion. Emphasis will be on discussion.

During each session a University faculty member or a local participant in the arts will discuss a particular art form and its relevance to contemporary American life.

The schedule of programs and speakers is as follows:

Sept. 19 - "The Modern Novel," William M. Marchand, assistant professor of rhetoric;

Oct. 3 - "Modern Drama," Arthur H. Ballet, director of the Office of Advanced Drama Research and professor of speech, communication and theatre arts;

Oct. 17 - "Contemporary Poetry," Roland Flint, local poet and member of the English department;

Oct. 31 - "Modern Art," Robert Forsyth, instructor in related arts;

Nov. 14 - "Modern Music," Dominick Argento, local composer and professor of music;

Nov. 28 - "The Film," Albert Milgrom, member of the humanities program who teaches a course in the art of the film in the department of art history and for years has run the University Film Society;

Dec. 12 - "The State of the Arts Today," speaker to be announced.

Tuition for the seminar is \$50 per person and does not cover the cost of dinner or books. Enrollment will be limited.

To register, write to the Department of Special Courses, 314 Nolte Center for Continuing Education, University of Minnesota, Minneapolis 55455; or telephone 373-5166.

UNIVERSITY OF MINNESOTA NEWS NOTES

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
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TELEPHONE: 373-2126  
SEPTEMBER 13, 1967

(FOR IMMEDIATE RELEASE)

'U' HISTORY FACULTY  
PUBLISHES SIX BOOKS

"The Figure of the Earth," a science history by Tom B. Jones, University of Minnesota history professor, was recently published by Coronado Press, Lawrence, Kansas. The book deals with the 18th-century controversy over the shape of the earth and the explorations to determine the true shape.

Jones' book is the sixth to be published by a history department faculty member this year. Others include "The Churches in the 19th Century" by Josef L. Altholz, Bobbs-Merrill; "Cotton Versus Conscience" by Kinley J. Brauer, University of Kentucky Press; "Life and Thought in the Early Middle Ages" by Robert S. Hoyt, University of Minnesota Press; "Black Chicago: The Making of a Negro Ghetto 1890-1920" by Allan H. Spear, University of Chicago Press; and "A History of England" by David H. Willson, Holt, Rinehart and Winston.

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'U' PROF HEADS  
JOURNALISM ASSOCIATION

Robert L. Jones, director of the University of Minnesota School of Journalism and Mass Communication, recently began a one-year term as president of the Association for Education in Journalism (AEJ). The 1,000-member AEJ is a national organization of journalism teachers in higher education.

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PHYSICS PROFS  
ATTEND CONFERENCE

Stephen G. Gasiorowicz and Hiroshi Suura, physics professors at the University of Minnesota, recently attended the International Theoretical Physics Conference on Particles and Fields at the University of Rochester, Rochester, N.Y. The major address was delivered by Dr. Glenn T. Seaborg, Nobel laureate and chairman of the U.S. Atomic Energy Commission. The conferees included six Nobel prize recipients.



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For further information, contact:  
JUDY VICK, 373-2126

KTCA-TV TO AIR  
"AFTER HIGH SCHOOL"  
PROGRAM SERIES

(FOR IMMEDIATE RELEASE)

"After High School, What?"---a 37-program series---will be broadcast on KTCA-TV (Channel 2, Twin Cities) beginning Monday (Sept. 18).

The series is presented by the University of Minnesota in an effort to assist students with educational and career planning. Programs will be aired from 9 to 9:30 p.m. Mondays through May 27, 1968.

"We think the series will serve students, parents, teachers and counselors. It is planned for college-going, career-planning students," said Fred C. McCormick, coordinator of the series and assistant to the University vice president for educational relationships and development.

Leonard Bart, assistant professor of speech, communication and theatre arts at the University, will be the program moderator. Joseph North is the producer of University television programs.

The title topic, "After High School, What?" will be featured on the first program of the series. Speakers will be Edwin E. Stuart, coordinator of pupil-personnel service for the Roseville (Minn.) Public Schools, and Ralph F. Berdie, psychology professor and director of student life studies at the University.

"After High School, Why and When?" will be discussed on Sept. 25 by Berdie and Loren L. Benson, coordinator of pupil-personnel service for Minnesota School District 274.

Stanley J. Wenberg, University vice president for educational relationships and development, will present the Oct. 2 program on "After High School, Where?"

(MORE)

The following programs are scheduled through May 27, 1968:

<u>Oct. 9</u> -- "Two-Year College Programs"	<u>Feb. 12</u> -- "Careers in Space Science"
<u>Oct. 16</u> -- "Area Vocational Technical School Programs"	<u>Feb. 19</u> -- "Careers in Architecture"
<u>Oct. 23</u> -- "Liberal Education"	<u>Feb. 26</u> -- "Careers in Pharmacy"
<u>Oct. 30</u> -- "The College Parent"	<u>March 4</u> -- "Careers in Dentistry"
<u>Nov. 6</u> -- "The College Atmosphere"	<u>March 11</u> -- "Careers in Medicine"
<u>Nov. 13</u> -- "Admission to College"	<u>March 18</u> -- "Careers in Nursing"
<u>Nov. 20</u> -- "Planning College Finances"	<u>March 25</u> -- "Careers in Biological Sciences"
<u>Nov. 27</u> -- "Planning Your College Program"	<u>April 1</u> -- "Careers in Communication"
<u>Dec. 4</u> -- "Honors Program"	<u>April 8</u> -- "Careers in Education"
<u>Dec. 11</u> -- "The ROTC Programs"	<u>April 15</u> -- "Careers in Law"
<u>Dec. 18</u> -- "How To Choose Careers"	<u>April 22</u> -- "Careers in Government"
<u>Dec. 25</u> -- "Careers in Business"	<u>April 29</u> -- "Effective Study Habits"
<u>Jan. 1</u> -- "Management in the Professions"	<u>May 6</u> -- "Extra-Curricular Activities"
<u>Jan. 8</u> -- "Careers in Agriculture"	<u>May 13</u> -- "New Student Orientation"
<u>Jan. 15</u> -- "Careers in Forestry"	<u>May 20</u> -- "After College, What?"
<u>Jan. 22</u> -- "Careers in Home Economics"	<u>May 27</u> -- Panel Discussion and Phone Calls
<u>Jan. 29</u> -- "Careers in Social Work"	
<u>Feb. 5</u> -- "Careers in Engineering"	

UNIVERSITY OF MINNESOTA  
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UNICEF CARDS  
GO ON SALE  
AT 'U' FRIDAY

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

United Nations Children's Fund (UNICEF) greeting cards and 1968 calendars will go on sale Friday (Sept. 15) at the University of Minnesota World Affairs Center, room 122 Social Science building, West Bank.

In announcing the sale Barbara Stuhler, associate director of the World Affairs Center and head of the local UNICEF drive, commented that the cards help provide milk, medicine and equipment for sick and hungry children throughout the world.

"The proceeds from one box of cards, priced at \$1.50, will protect 50 children against tuberculosis," she said.

Designs for the cards are donated by leading international artists. Contributors this year include Salvador Dali, Spain; Ronald Searle, England; Jean-Paul Lemieux, Canada; and Jean Dubuffet, France.

The UNICEF cards come ten to a box printed with "Season's Greetings" in the five official languages of the United Nations: English, French, Spanish, Russian and Chinese. Or they can be ordered blank inside, leaving room for personal notes.

In addition to greeting cards and calendars, UNICEF also sponsors the sale of birthday cards, note paper and an assortment of children's games and books. A larger size special edition card entitled "Mother and Child," illustrated by Oskar Kokoschka, is available for \$2.50 per box of ten.

The UNICEF products may be purchased on weekdays from 8 a.m. to 4:30 p.m. in the World Affairs Center office or may be ordered by calling 373-3799. The World Affairs Center is part of the University's General Extension Division.

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For further information, contact:  
NANCY PIRSIG, 373-2126

'U' COLLEGE OF EDUCATION  
ANNOUNCES FACULTY PROMOTIONS

(FOR IMMEDIATE RELEASE)

Three administrative changes and 15 faculty promotions in the University of Minnesota's College of Education were announced today by Dean Robert Keller.

Two of the administrative changes involve University High School. Richard L. Hill, assistant professor of education and former U High principal, is new acting director of the school, and Dwight H. Lindbloom, education instructor, is acting principal. Professor Jack C. Merwin is new director of psychological foundations, in the department of educational psychology.

The faculty promotions, by department, are as follows:

Agricultural education: R. Paul Marvin to professor.

Foundations of education: Mary E. Corcoran to professor.

Secondary education: William E. Gardner to professor; Mary K. Klaurens to assistant professor of business and distributive education.

Trade and industrial education: Robert R. Randleman to associate professor.

Educational administration: Samuel H. Popper to professor; Van D. Mueller and Neal C. Nickerson, Jr., to associate professor.

Educational psychology: Willard W. Tennyson to professor of counselor education; Donald G. MacEachern to associate professor of psychological foundations.

Physical education for men: Patrick J. Bird to assistant professor.

Recreation and park administration: Frederick M. Chapman to professor.

University High School: Lorraine S. Hansen to associate professor.

Institute of Child Development: Herbert L. Pick, Jr., to professor; John P. Hill to associate professor.

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For further information, contact:  
DORIS FENICK, 373-2126

800 NEW 'U' STUDENTS  
TO ATTEND FRESHMAN CAMPS

(FOR IMMEDIATE RELEASE)

Minneapolis--Some 800 new students at the University of Minnesota will attend eight freshman camps this weekend (Friday through Sunday, Sept. 15-17) as part of the University's orientation program provided by the Dean of Students Office.

"While the new students who attend the camps may think that the program was designed for them," Roger Harrold, orientation director, said, "actually, the 200 upperclassmen at the University who have worked on the project for months are the ones who really will reap the benefits of the experience."

"The students who spent a frantic 24 hours solving the problem of no bus drivers just hours before the buses were due to leave; the ones who learned the hard way not to lose members of their groups at loading time; and the students who contacted and finalized arrangements for outstanding members of the community to take part in the camp programs---those are the students who have gained the most from this extra-curricular activity at the University," Harrold continued. "Most of them are former freshman-campers themselves."

This year the camp program---largest of any in the country---will be conducted at eight locations: the seven previously used at Green Lake, near Spicer; Memorial, near Onamia; Koronis, near Paynesville; Icaghowan, near Amery, Wis.; Courage, near Annandale; St. Croix, near Hudson, Wis.; and Ihduhapi, near Loretto; and a new one, "Camp Psyghte" (pronounced "site"---Harrold's sorry about that!) near Maple Lake.

Joining the University upperclassmen in the programs of study, fun and games are such noted community and faculty personages as Jerry Kindall, former baseball Twin and currently freshman basketball coach at the University;

(MORE)

Syl Davis, director of The Way, Inc., northside Minneapolis community center; Don Stolz, director of the Old Log Theatre, Excelsior; Rabbi Max A. Shapiro, Temple Israel; Loyce Houlton, teacher of modern dance; Donald R. Zander, director of the University Unions; Bill Newell, Minnesota Student Association president; and Professor Gerhard Neubeck, chairman of the University's Family Study program and director of the Marriage Counseling and Training program.

The seven months of preparatory work for the camp program will come to a head early Friday (Sept. 15) when the first group assembles at 7:30 a.m. at the bus embarkation spot in front of Williams arena (19th and University aves. SE.). With 20 minutes allowed per bus for loading and dispatching for each of the eight camps, Harrold contemplates noon arrival of his first peaceful moment since March.

Buses will return the students to the Williams arena site at about 3 p.m. Sunday (Sept. 17), Harrold said. Evaluation of this year's camps will start Monday. Planning for freshman camps, 1968, will follow while this year's experiences are still fresh.

UNIVERSITY OF MINNESOTA  
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For further information, contact:  
NANCY PIRSIG, 373-2126

'U' INSTITUTE OF TECHNOLOGY  
ANNOUNCES FACULTY PROMOTIONS

(FOR IMMEDIATE RELEASE)

Two administrative changes and 25 faculty promotions in the University of Minnesota's Institute of Technology were announced today by Acting Dean Frank Verbrugge.

Professor Hans F. Weinberger is the new head of the School of Mathematics, succeeding Professor Steven Orey; and Professor Wayland E. Noland is new acting chairman of the department of chemistry.

The faculty promotions, by school or department, are as follows:

Architecture: Leonard S. Parker, Valerius Michelson and Hugh G. S. Peacock to associate professor; Milo H. Thompson and Thomas H. Hodne to assistant professor.

Electrical engineering: Donald E. Anderson to professor; K.S.P. Kumar to associate professor.

Mathematics: C.A. McCarthy, Erwin Engeler and Jesus Gil de Lamadrid to professor; and the following to associate professor: Melvyn Berger, George R. Sell, Jonathan I. Richards, Donald W. Kahn, Willard Miller, Jr., James E. Thompson and Nestor Riviere.

Mechanical engineering: Emil Pfender to professor; Benjamin Y. Liu to associate professor.

Inorganic chemistry: Warren L. Reynolds to professor.

Physical chemistry: John Overend and Sanford Lipsky to professor.

Earth sciences: Charles L. Matsch to assistant professor.

Physics and astronomy: A. Mark Bolsterli to professor.

Minnesota Geological Survey: Walter E. Parham to associate professor.

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For further information, contact  
JUDY VICK, 373-2126

MICHIGAN PROFESSOR  
TO TEACH JAPANESE  
AT 'U' THIS YEAR

(FOR IMMEDIATE RELEASE)

Hide Shohara, professor emeritus of the Japanese language at the University of Michigan, Ann Arbor, Mich., has been appointed a Hill Family Foundation visiting professor at the University of Minnesota for 1967-68.

She will teach contemporary Japanese texts, and advanced Japanese conversation and composition in the University department of East and South Asian languages. She also will do some tutoring.

Miss Shohara was born in Japan. She came to the United States in the 1920's to study linguistics at the University of Michigan where she received her master's and doctor of philosophy degrees.

During World War II, Miss Shohara directed several Japanese language programs for the U.S. government. She is the author of a number of textbooks on the Japanese language and a Japanese botany book.

Miss Shohara was a visiting professor at Minnesota for two quarters of 1965-66.

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For further information, contact:  
NANCY PIRSIG, 373-2126

HIGH SCHOOL COUNSELORS  
TO ATTEND 'STATE-WIDE  
TESTING PROGRAMS' MEET

(FOR IMMEDIATE RELEASE)

Several hundred high school and college counselors and administrators are expected to attend the 17th annual conference of the Minnesota State-Wide Testing Programs, Saturday (Sept. 16) at the University of Minnesota.

The conference, to be held in Mayo auditorium, is sponsored by the University's Student Counseling Bureau, which administers the State-Wide Testing Programs, and will begin with a welcome by William G. Shepherd, University Vice President for academic administration.

Robert L. Thorndike, psychology professor at Teachers College, Columbia University, will deliver the main address at 9:30 a.m. His topic is "Expectancy Tables: Sense and Nonsense." Thorndike is a nationally recognized figure in the fields of testing and psychological measurement and co-author of the widely used "Lorge-Thorndike Intelligence Test."

Student Counseling Bureau staff members then will present papers on research and developments in the State-Wide Programs: Edward O. Swanson will discuss past results and future plans for the questionnaire now given to all Minnesota high school juniors; Gary Joselyn will present findings of his Survey of Testing Practices in Minnesota Schools; and Arthur Smith, director of the Student Counseling Bureau, will talk on "Plans and Perspectives," in which he will discuss future developments in the State-Wide Programs and the role of the Student Counseling Bureau.

After a luncheon in Coffman Union, participants will hear Ralph F. Berdie, director of Student Life Studies, discuss "Pre-College Experiences," a summary of his study of the cultural experiences students possess at the time they begin college. Clyde Parker, director of counselor education in the University's College of Education, will speak last on "Counselor Education: Content or Process," reviewing some of the fundamental concerns with counselor training.

The conference is expected to adjourn at 3:15 p.m.

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UNIVERSITY OF MINNESOTA  
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For further information, contact:  
GLENN ICKLER, 373-2126

LAMBERT APPOINTED  
ASSOCIATE DEAN  
OF INSTITUTE OF TECHNOLOGY

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

Robert F. Lambert, University of Minnesota professor of electrical engineering, today was appointed associate dean of the Institute of Technology by the University's Board of Regents.

The appointment, which is for one year, will become effective on Saturday (Sept. 16). Lambert will temporarily replace Frank R. Verbrugge, who is acting as dean of the institute.

Lambert will be responsible for academic affairs (curricular matters, program development, etc.) and will be concerned with the planning program for new buildings which might be included in the 1969 request to the Legislature. Lambert also will work on a long-range plan for the Institute of Technology.

Lambert, 43, has been on the University faculty for 20 years. A native of Warroad, he was graduated from the University with a bachelor's degree in electrical engineering in 1948, after having served in the Navy from 1943-46.

He joined the faculty as a teaching assistant in 1947. He earned master's and doctoral degrees at the University in 1949 and 1953, respectively, and became a professor in 1959. He served as chairman of an international conference on acoustical fatigue in 1959 and conducted a study of influence of environmental noise on the performance of communication systems at the Third Physical Institute at the University of Gottingen, Germany, in 1964.

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NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 15, 1967

For further information, contact:  
JUDY VICK, 373-2126

LOFQUIST NAMED  
ASSOCIATE DEAN  
OF LIBERAL ARTS

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

Lloyd H. Lofquist, psychology and industrial relations professor at the University of Minnesota and an expert in the field of vocational rehabilitation, has been appointed associate dean for the social sciences in the College of Liberal Arts.

The appointment was approved today by the University's Board of Regents and is effective Saturday, Sept. 16, 1967, through June 30, 1971. He succeeds Professor Fred E. Lukermann Jr. who has been named assistant vice president for academic administration.

"Professor Lofquist is an established and distinguished scholar and administrator whose appointment will contribute to the maintenance of the strength of the social sciences at Minnesota," said Dean E.W. Ziebarth of the College of Liberal Arts.

Lofquist was appointed to the University faculty in 1956 as associate professor of psychology. In 1960 he was named professor of psychology. He served as assistant chairman of the psychology department for five years.

Lofquist is currently director of the counseling psychology graduate training program and the Vocational Rehabilitation counselor training program. He is the director of a research project on work adjustment which recently received the National Research Award from American Personnel and Guidance Association.

He is the author of "Vocational Counseling with the Physically Handicapped" published by Appleton-Century-Crofts, Inc., in 1957 and "Problems in Vocational Counseling" published by William C. Brown Co. in 1961.

Lofquist received his bachelor's (1940), master's (1941) and doctor of philosophy (1955) degrees from the University of Minnesota.

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For further information, contact:  
BOB LEE, 373-5830

MAYO CONSULTANT  
APPOINTED HEAD  
OF 'U' ORAL SURGERY

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

Dr. Daniel E. Waite, a consultant in the section of dentistry and oral surgery at the Mayo Clinic in Rochester, today was appointed professor and chairman of the division of oral surgery in the University of Minnesota School of Dentistry.

Dr. Waite was appointed as professor by the University's Board of Regents. He was named division chairman by Dr. Erwin M. Schaffer, dean of the School of Dentistry.

Professor Waite, a graduate of the University of Iowa, replaces Dr. Henry Clark, who was chairman for 20 years until his death in December, 1966. Dr. Norman Holte, dentistry professor, has been the acting chairman.

Dr. Waite taught at the University of Iowa from 1955 to 1963, when he joined the Mayo Clinic staff. He will be responsible for the instruction of more than 100 graduates and undergraduates in his division.

Oral surgery is concerned with the treatment of diseases and injuries relating to the teeth and jaws, including broken jaws, congenital or acquired deformities and infected or impacted teeth.

Chairman of the committee on continuing education for the American Society of Oral Surgeons, Dr. Waite is also a member of the advisory Committee for the American Board of Oral Surgery.

In 1962 he served on the hospital ship "Hope" in Peru and he is chairman of the committee for education in oral surgery for "Project Hope."

A High Priest in the Reorganized Church of Jesus Christ of Latter-Day Saints, Dr. Waite is also counselor to the president of the Minnesota District and a member of the Board of Trustees of Graceland College, Lamoni, Iowa, a church-sponsored school.

He and his wife and five children live in Columbia Heights.

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CAPITAL EXPENDITURE  
ANALYSIS SEMINAR TO BE  
REPEATED BY UNIVERSITY

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

For the third time in two years the "Capital Expenditure Analysis Seminar" will be offered by the University of Minnesota to top-level executives who have capital expenditure decision-making authority in medium-sized and large companies.

The two-day course, to be held Oct. 9 and 10, is presented by the University's General Extension Division department of continuing business education and the School of Business Administration.

All sessions will be conducted in the Hopkins House, Hopkins, located on Highway 7 at County Road 73.

The concepts to be discussed during the seminar range from the basic idea of payback to risk analysis using simulation techniques. Other areas of study will include the major techniques of capital expenditure analysis and programming and an application of the principles of capital budgeting to actual business situations.

The two faculty members for this program were selected on the basis of their specialized knowledge and wide consulting experience in the area of capital expenditure analysis.

Theodore A. Andersen, an associate professor of finance at the University of California in Los Angeles, has served as a consultant to numerous domestic and foreign business firms, banks and government agencies.

Robert K. Zimmer, University of Minnesota associate professor of accounting, is a former management consultant on the administrative services staff of Arthur Andersen and Company, Detroit. He has taught numerous seminars in capital expenditure analysis to industry groups and has consulted in the same area.

The fee for the program is \$120 and includes one breakfast, two luncheons, one dinner, all books and supplies and one night of lodging.

Applications to attend must be received by Oct. 2 by the Department of Conferences and Institutes, Nolte Center for Continuing Education, University of Minnesota, Minneapolis, Minn., 55455.

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For further information, contact:  
JUDY VICK, 373-2126

CAMPBELL TO DIRECT  
UNIVERSITY THEATRE  
SHAKESPEARE PRODUCTION

(FOR IMMEDIATE RELEASE)

Douglas Campbell, artistic director of the Minnesota Theatre Company, will direct Shakespeare's "Troilus and Cressida" at the University of Minnesota this season, acting University Theatre director Arthur H. Ballet announced Monday.

The tragedy of young love will be presented Feb. 1-11, 1968. It will be the third in a series of five plays to be presented this season in the Scott Hall auditorium on the University's Minneapolis campus.

The Scott Hall season opens Nov. 2 with Pulitzer Prize winner Edward Albee's "Tiny Alice" staged by Theodore Herstand, associate professor of speech, communication and theatre arts. The controversial contemporary drama will run through Nov. 12.

"This year's season fulfills the function of a university theater by providing a wide range of theatrical experience for the audience and the actors---from a musical comedy to serious modern drama to a little-known Shakespearean work to a major comedy," Ballet said.

"The Pajama Game," a labor-management conflict set to music, will open Nov. 22 under the direction of Robert Moulton, professor of speech, communication and theatre arts. The musical comedy is taken from the book "7 1/2 Cents" by Richard Bissell with music and lyrics by Richard Adler and Jerry Ross. It will run through Dec. 3.

The classic Absurdist play, "Waiting for Godot" by Samuel Beckett, will open Feb. 22 and play through March 3. Maxine M. Klein, assistant professor of speech, communication and theatre arts, will direct the production.

(MORE)

Ballet, professor of speech, communication and theater arts, will direct "The Inspector General," a satirical comedy by Nikolai Gogol to be presented April 18-28. Ballet is acting director of the University Theatre. Director Frank M. Whiting is on a leave of absence for the fall quarter.

The University Theatre's Playwright's Premiere---Experimental Series opens Oct. 24 with "Ivory Tower" by Pulitzer Prize winner Jerome Weidman and James Yaffee. The drama, which concerns the treason trial of a celebrated American poet and the responsibility of the artist to society, will be presented through Oct. 29 in the Shevlin Hall arena theater. The production will be directed by Jon Mezz, a University graduate student. Five additional plays in this series will be announced later.

"Androcles and the Lion" will be the first production of the "Young People's University Theatre" this season. The play will be presented at 3:30 p.m. Oct. 14 and 15 in Scott Hall. "Robin Hood" will be presented May 18 and 19.

Season subscriptions for the Scott Hall series and theatre group books can be obtained by mail from the Scott Hall Auditorium Series, University of Minnesota Theatre, Scott Hall Ticket Office, Minneapolis 55455. Individual tickets go on sale at the ticket office 10 days before the opening of each play. Only individual tickets are sold for the Playwright's Premiere---Experimental Series.

Mail orders for individual tickets will be accepted one month in advance of the opening date. All individual tickets are priced at \$2.10. Season tickets for the Scott Hall series sell for \$7.75 each. Tickets for the Young People's Theatre are priced at \$1 each. Special student rates are available at the ticket office. Prices quoted include Minnesota sales tax.

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For further information, contact:  
DORIS FENICK, 373-2126

'U' GEOMETRY PROJECT  
FUNDED TO 1969  
BY NEW NSF GRANT

(FOR IMMEDIATE RELEASE)

A University of Minnesota program to develop a course for prospective high school geometry teachers will be extended through February, 1969, under a new National Science Foundation (NSF) grant of \$99,250, bringing total support of the University project to more than a million dollars.

Associate Professor Seymour Schuster of the Minnesota School Mathematics and Science Center continues as director of the geometry project. Earlier NSF awards for Schuster's program amounted to \$909,030 and the most recent funding brings the total to \$1,008,280, the NSF pointed out in its notification of the award to the University.

Development of the new course, which includes a series of animated and special-effect color films coordinated with 10 text units, should be completed within the time covered by the latest grant, Schuster said. Although the original outline contemplated a one-year course keyed to geometry needs of prospective high school mathematics teachers, the program has been expanded with inclusion of additional topics and provisions for more flexible presentations of the material.

About half of the contemplated series of films has been completed, and two of them have won top honors in national and international competition. Allen Downs, University art professor, heads the film-making phase of the project.

Schuster, who originally joined the University staff as assistant to Professor Paul C. Rosenbloom, founder of the Minnesota School Mathematics and Science Center, has brought mathematicians from throughout the country and Canada to help produce the geometry content of the course.



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LATIN COURSES  
NOW AVAILABLE  
IN EVENING

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

One course in the Latin language and two courses in Latin literature will be offered this fall through the University of Minnesota General Extension Division's department of evening classes.

All three courses are new offerings of the extension division and will be taught by Professor Robert P. Sonkowsky, chairman of the department of classics.

Classes will run from next week (the week of Sept. 25) to the week of Jan. 27.

The five-credit language course, Beginning Latin, is designed to equip students with a reading knowledge of Latin. No prerequisites are necessary for the course, which will be taught Wednesdays from 5:30 to 8:30 p.m. on the St. Paul campus.

According to Sonkowsky, the course is open to anyone who is interested in studying college-level Latin, including high school students whose schools no longer offer Latin training.

Both literature courses, Latin 61 and Latin 161, will survey the literature of the Roman Republic, including the writings of Plautus, Terrence and Lucretius. To enroll, students must have completed two years of high school Latin or its equivalent, or must have the consent of the instructor.

The two courses will meet together on Wednesdays from 8:35 to 10:15 p.m. on the St. Paul campus. Students who register for Latin 161 may receive graduate credit for their work and will be assigned independent readings and research assignments.

Evening class registration is currently being held at the following three locations: the Minneapolis campus, room 211 Nicholson hall; the St. Paul Extension Center, Ninth and Exchange; the MacPhail Center, 1128 LaSalle ave., Minneapolis. Registration concludes Wednesday (Sept. 20).

For more information, call the department of evening classes at telephone 373-3195.

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For further information, contact:  
NANCY PIRSIG, 373-2126

LIBERAL ARTS  
COLLEGE AT 'U'  
GIVES PROMOTIONS

(FOR IMMEDIATE RELEASE)

Three administrative changes and 42 faculty promotions in the University of Minnesota's College of Liberal Arts were announced today by Dean E. W. Ziebarth.

Professor Norman J. Simler is new chairman of the economics department, succeeding Professor Oswald H. Brownlee; Professor May Brodbeck is new chairman of the philosophy department, succeeding Professor Karl H. Potter; and Associate Professor Robert F. Berkhofer, Jr., is new associate chairman of American studies.

The faculty promotions, by department, are as follows:

Anthropology: Associate Chairman O. Elden Johnson, from associate professor to professor; Richard E. W. Adams and Harvey B. Sarles to associate professor.

Art history: Melvin Waldfogel to professor.

Communication program: John V. Jensen to professor and acting director.

East and South Asian languages: Owen Loveless and Stephen Wang to associate professor; Amy Matsumoto and Reiko Tsukimura to assistant professor.

Economics: Herbert D. Mohring to professor; Hugo F. Sonnenschein to associate professor.

English: Mary Turpie, assistant chairman of American studies, to professor; and the following to associate professor: Arthur W. Plumstead, Gerhard Joseph, Toni Ann McNaron, Clifford Haga and Martin Roth.

(MORE)

Family Study Center: Joan Aldous to associate professor.

Geography: Chairman John W. Webb, from associate professor to professor.

German: Erhard M. Friedrichsmeyer to associate professor.

History: Assistant Chairman Josef L. Altholz to professor; Kenley J. Brauer and Allan H. Spear to associate professor; James D. Tracy and Alfred H. Jones to assistant professor.

Journalism and Mass Communication School: Donald M. Gillmor to professor; Jack N. Peterman to associate professor.

Library School: Lowell E. Olson to associate professor.

Music: Robert T. Laudon to associate professor.

Philosophy: S. Marc Cohen to assistant professor.

Psychology: James N. Butcher and Paul W. Fox to associate professor.

Romance languages: Lawrence C. Mantini and Russell G. Hamilton, Jr., to associate professor.

Slavic and East European languages: Wassilij Alexeev to associate professor.

Social science program: Richard E. Sykes to assistant professor.

Speech, communication and theatre arts: Wendell Josal to professor; H. Lee Adey and Virginia Fredricks to associate professor.

Studio arts: Peter Busa to professor; Frederick W. H. Chaffey and Milton Howard to assistant professor.

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SPECIAL PHILOSOPHY SEMINAR  
OFFERED TO WOMEN

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

A special seminar in "The Philosophy of Science" will be conducted fall quarter by the University of Minnesota General Extension Division program of continuing education for women.

According to Mrs. Louise Roff, director of the women's program, the seminar is "probably a one-time-only offering" which is made available because of the demands from women who have taken previous seminars.

The seminar, open to any woman capable of doing advanced college-level work, will be held Thursdays from 9:30 a.m. to noon, beginning Sept. 28. Other dates for the class are Oct. 12 and 26 and Nov. 9, 16 and 30. The course will meet in room 344 Coffman Union.

The two University faculty members who will teach the course are May Brodbeck, professor of philosophy, and Herbert Feigl, Regents' Professor of Philosophy and director of the Center for the Philosophy of Science.

The following topics will be discussed: the nature and limits of science; explanation and the unity of science and the problems of mind and matter; choice, law and free will; our knowledge of purposive behavior; values and social science; problems of freedom and the science of man.

Fee for the course is \$33. To register contact Mrs. Roff, Room 310, Nolte Center for Continuing Education, University of Minnesota, Minneapolis, Minn., 55455; telephone 373-5166. Enrollment will be limited.

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For further information, contact:  
JUDY VICK, 373-2126

MINNESOTA PRESS  
TO PUBLISH  
PAPERBACK SERIES

(FOR IMMEDIATE RELEASE)

A collection of critical essays by a man known as the foremost Shakespearean scholar of his time is the first in the new Minnesota Paperbacks series to be published Monday (Sept. 25) by the University of Minnesota Press.

"Poets and Playwrights: Shakespeare, Jonson, Spenser and Milton" was written by Elmer Edgar Stoll and first published in hardcover by the University Press in 1930. Stoll, a professor emeritus of English at Minnesota, died in 1959. When he received an honorary doctorate from the University in 1950, he was called "the foremost of living Shakespearean scholars."

The new publication presents Stoll's historical approach to the interpretation of literature. Stoll also authored "Shakespeare Studies," "Shakespeare's Young Lovers," "From Shakespeare to Joyce," "Shakespeare and Other Masters," and "Art and Artifice in Shakespeare."

The new series also includes the following works, to be published Monday:

"Education and the Creative Potential" by E. Paul Torrance, University former professor of educational psychology---a text in creativity development for parents and teachers.

"T. S. Eliot: Moments and Patterns" by Leonard Unger, University English professor---seven critical essays.

(MORE)

"Historians Against History: The Frontier Thesis and National Covenant in American Historical Writing Since 1830" by David W. Noble, University history professor---an analysis of the significance in the history of American thought of the writings of six American historians.

"Alms for Oblivion" by Edward Dahlberg---a collection of literary essays.

"Phonetics and Diction in Singing: Italian, French, Spanish, German" by Kurt Adler, conductor and chorus master of the Metropolitan Opera---rules and examples for the study of songs and operas in the leading foreign languages of musical literature.

"The Concept of Development: An Issue in the Study of Human Behavior" by Dale B. Harris, former University psychology professor---evaluations of the concept of development from the viewpoints of various disciplines.

"Travels and Traditions of Waterfowl" by H. Albert Hochbaum, director of the Delta Waterfowl Research Station in Manitoba, Canada---illustrated with 75 black and white drawings by the author.

"From Jane Austen to Joseph Conrad: Essays Collected in Memory of James T. Hillhouse" edited by Robert C. Rathburn, University associate professor of literature, speech and writing, and Martin Steinmann, Jr., University English professor---22 essays on 19th-century novelists and their work.

"The 'Mental' and the 'Physical'" by Herbert Feigl, University Regents' Professor of Philosophy---a survey of the mind-body problem.

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PRESIDENT MOOS TO GIVE MAJOR TALK  
AT 'COMMUNIVERSITY' CONFERENCE

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

University of Minnesota President Malcolm Moos will deliver his first major public address during a program titled "Communiversality: A Conference on Living and Learning," to be held Friday and Saturday, Sept. 29 and 30.

His talk, "The University in Its Metropolitan Setting," will follow a 7 p.m. banquet Friday (Sept. 29), which will be held in the Star of the North Ballroom of the Radisson Hotel, Minneapolis. The new University president will be introduced by James Hetland, chairman of the Metropolitan Council.

The public is invited to attend the banquet.

Another principal speaker on the communiversality program is Hugh Galusha, president of the Ninth District Federal Reserve Bank of Minneapolis. He will speak following a noon luncheon on Saturday (Sept. 30) on the topic, "The Outreach of a University."

Galusha's talk will be introduced by Willard L. Thompson, dean of the University's General Extension Division. The luncheon will be held on the University campus in the dining hall of Nolte Center for Continuing Education, located on the corner of Seventeenth ave. SE. (Church st.) and Pillsbury drive.

The "communiversality" conference is designed to explore the relationships between the University of Minnesota and the Twin City community. The program will bring together 25 University students, 25 University faculty members and 25 community leaders to discuss issues of common concern.

The conference is sponsored by the following groups within the University: the department of conferences and institutes of the General Extension Division, the All-University Council on Liberal Education, the Minnesota Student Association, the Union Board of Governors and the Office of the Planning Coordinator. The University Community Development Corporation, an independent, non-profit organization, also is assisting with arrangements.

(MORE)

The three goals of the conference, outlined by planning committee members from the above organizations, are

\* to focus student, faculty and community attention on the ways in which the planning of the campus and the character of its community environment affect living and learning;

\* to identify major planning problems which face the University and to advance suggestions for attacking these problems;

\* to lay the base for follow-up studies of the problems which could be undertaken by any of the sponsoring agencies, or other University or community groups.

All sessions on the first day (Friday, Sept. 29) will be conducted at Hope Lutheran Church, 601 Thirteenth ave. SE., Minneapolis.

During the first speech at 9:30 a.m., Donald K. Smith, associate vice president for academic administration, will offer a definition of the word "comm-university" and will set forth the conference goals.

A panel discussion on "Perspectives on the Current Situation in the University Community" will fill the remainder of the morning.

Professor David Cooperman, director of the University's Social Science program, will speak at 2 p.m. on "Human Communities and Learning."

He will be followed at 2:45 p.m. by Naphtali Knox, assistant vice president for physical planning at the University of Chicago, who will talk about "Designing the Physical Environment to Achieve 'Communiversality.'"

From 3:30 to 5 p.m. participants will be divided into six discussion groups to consider one of the following three topics: ideas for learning-living groups within the University, community planning to strengthen and draw strength from the campus, and campus planning to strengthen and draw strength from the community.

The Saturday sessions will be held on the University campus in Room 140 Nolte Center for Continuing Education.



From 9 to 10 a.m. two speakers will share the floor to discuss the topic, "What Can and Should be Done?" Elmer Learn, University assistant to the president and planning coordinator, will consider the topic in relation to campus planning and B. Warner Shippee, executive vice president of the University Community Development Corporation, will consider it in relation to community planning.

During the remainder of the morning reports will be made by the chairmen of the six discussion groups from the previous afternoon. Paul H. Cashman, University assistant vice president for educational relationships and development, will chair the session.

The luncheon and Galusha's talk, from noon to 1:30 p.m., will conclude the conference.

Persons interested in attending the Friday night banquet, which will cost \$5, can make reservations by contacting Ramon Stave, Program Director, Department of Conferences and Institutes, Nolte Center for Continuing Education, University of Minnesota, Minneapolis, Minn., 55455. Reservations also may be made by phone at 373-3151.

-U N S-

Note to Editors: Newsmen are invited to attend the Friday-night banquet (followed by Moos's speech) as guests of the University. Those who plan to attend should call Nancy Pirsig (373-2126) or Beth Kent, (373-5166) as soon as possible, and no later than Thursday, Sept. 28.

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UNIVERSITY OF MINNESOTA  
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ZIEBARTH STRESSES  
COOPERATION BETWEEN  
PUBLIC, PRIVATE COLLEGES

For further information, contact:  
NANCY PIRSIG, 373-2126

(FOR RELEASE AT 10 P.M. THURSDAY, SEPT. 21)

"It is crucial for higher education in Minnesota that we support a dual system, public and private; that both sectors attain excellence, although each may serve somewhat different constituencies and objectives."

This statement was included in a talk given tonight (Thursday, Sept. 21) by E. W. Ziebarth, speaking in his dual role as dean of the College of Liberal Arts, the University of Minnesota's largest college, and trustee of Macalester College, St. Paul private college.

He was addressing an audience of "Friends of Macalester," at a dinner presided over by University Regent Elmer L. Andersen, former governor. The dinner was held in Macalester's new dining commons.

Addressing himself to the functions of the college trustee in Minnesota, Ziebarth said that "higher education in this state has certainly suffered because we have been slow to develop imaginative joint planning in the past, but we are learning." He pointed to current examples of cooperative planning, such as the Higher Education Coordinating Commission, as being significant and hopeful developments.

He pointed out that planning must provide for excellence for institutions in terms of differing objectives and differing missions, and expressed the belief that we have avoided mediocrity in Minnesota largely because of the strength of many of the individual private colleges and of the University, not because of a history of careful joint planning.

He stressed examples of close cooperation between the University and the private colleges as "something less than a common market in higher education, but more than empty gestures toward cooperation." "These," he said, "are all very hopeful signs for the future."

The University and Macalester College have inaugurated a faculty-sharing plan, and with foundation help such a plan is being developed with other private colleges.

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JEAN PIAGET, LEADING  
CHILD PSYCHOLOGIST,  
TO SPEAK AT U OF M

For further information, contact:  
GLENN ICKLER, 373-2126

(FOR IMMEDIATE RELEASE)

Jean Piaget, one of the world's leading child psychologists, will lecture at the University of Minnesota on Sept. 28 and 29.

Piaget is director of the Institut Jean Jacques Rousseau in Geneva, founder and director of the International Center for Genetic Epistemology and professor of psychology at the University of Geneva. He has written about 25 books and several hundred articles on all phases of children's development.

He will lecture on "Memory" at 8 p.m. Sept. 28 in Northrop auditorium and will discuss "A Notion of Time and of Speed" at 8 p.m. Sept. 29 in Mayo auditorium. The Sept. 28 lecture is open free to the public. The second lecture is intended primarily for advanced psychology students and faculty members.

Piaget is best known for his research and theories on intellectual and perceptual development in children. His writings have had great influence in the fields of philosophy and logic. His work in education has contributed much to such curriculum reforms as the "new math" and "new physics."

Piaget received his doctorate degree in the natural sciences at the University of Neuchatel, Switzerland, in 1918. His first job was in the laboratory of Alfred Binet. In 1921 he accepted a position at the Institut Jean Jacques Rousseau, where he embarked on a series of highly original studies of children's language, reasoning, judgment and play. Through these studies he became world famous before he was 30 years old.

The recipient of honorary degrees from some 15 universities, Piaget is director of the International Bureau of Education and is active in the Educational branch of UNESCO. He is also the editor of several scientific journals and a member and officer of many professional organizations.

Piaget's visit to the University is sponsored by the department of special education, the Institute of Child Development, the department of psychology and the department of concerts and lectures.

UNIVERSITY OF MINNESOTA  
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SCHOOL SUPERINTENDENT  
TO SPEAK AT 'U'  
HONORS LUNCHEON

For further information, contact:  
JUDY VICK, 373-2126

(FOR IMMEDIATE RELEASE)

John B. Davis, Jr., superintendent of the Minneapolis Public Schools, will speak at the University of Minnesota College of Liberal Arts Lower Division Honors Colloquia luncheon Tuesday (Sept. 26) noon in Coffman Union.

"Commitment for Tomorrow" will be the topic of Davis' talk to the colloquia participants, their faculty advisers, members of the administration and benefactors of the honors program.

The luncheon will open the 1967-68 Colloquia program at the University.

Malcolm Moos, University president, will be introduced by D. Burnham Terrell, director of the honors program and professor of philosophy.

"The Colloquia are designed to introduce students to the wide range of research, scholarship and creative activities that are typical of the University community," Terrell said.

More than 250 freshmen and sophomores are involved in the Honors Colloquia. They are divided into 17 groups of about 15 persons each. Every group has at least two faculty leaders and an undergraduate assistant. They meet weekly for two-hour sessions.

Topics for study in the colloquia cover the entire field of knowledge. They are selected by faculty leaders and the students. This fall the topics to be studied include Concept of a Hero, Child Development in Urban Sub-Cultural Settings, The 21st Century: Utopia or Nightmare?, the Problems of the Urban Multiversity, and the Intercultural Communications Breakdown.

The Colloquia are a facet of the honors program planned to enrich the University experience of the above-average student. Students are selected for the honors program by invitation, based on ability, high school records and the administration's evaluation of the student's potential.

UNIVERSITY OF MINNESOTA  
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SEPTEMBER 21, 1967

TRAFFIC WILL BE TERRIFIC  
IN 'U' AREA MONDAY, OPENING DAY

For further information, contact:  
NANCY PIRSIG, 373-2126

(FOR IMMEDIATE RELEASE)

It's that time of year again. Minnesotans are thinking about the World Series and the Gophers' chances, the coming Indian Summer, and whether or not to buy a snow blower this year.

And a goodly number of people---the staff and faculty of the University of Minnesota---are thinking about this Monday (Sept. 25) when some 45,000-plus students will begin classes, the vast majority of them on the Twin Cities campus.

University planners and work crews have been busy most of the summer preparing for this day---the day when enough traffic is generated in the campus area to make it a genuine "third Loop," as busy as downtown Minneapolis or St. Paul.

Citizens who are not heading for the campus are urged to give it as wide a berth as possible. It has been the experience of the University police that traffic for the first week or two is the worst of the year, as motorists circle around trying to find the handiest parking lot that is not yet filled, and establishing a driving pattern for the rest of the year.

Anyone who can take a bus to campus is urged to do so. Schedules will be available very soon for express buses from the suburbs. Six of these ran last year, and many more people have signed up for them this fall, according to Marty Eldridge, CLA junior who is in charge of the Minnesota Student Association suburban bus project.

For those driving to the campus, either in Minneapolis or St. Paul, the advice of the police is to leave early: allow yourself an extra 45 minutes for the first few days, and both your problems and theirs will be simplified.

Commuters should be aware that construction work around town may slow their trip to the campus. Congested areas include downtown Minneapolis and Cedar avenue in the Seven Corners area. The city of Minneapolis has assured University officials that work on Fourth street S. (the extension of West River road) will be finished before Monday.

(MORE)

Despite these perennial warnings, the outlook for University parking this year is better than it has been for some years---and, in fact, better than it probably will be in the future, according to Elmer Learn, University planner.

The reason for optimism is that a big new ramp will be open by Monday, several new parking lots are either open or will be ready for use within a few weeks, and an express bus is scheduled to the West Bank from the State Fairgrounds parking lot during rush hours.

(The reason for future pessimism is that two entire blocks now being made into temporary parking lots for almost 1,000 cars are adjacent to Delta Field, and eventually will be used for expanding the field.)

In all, University police say there is a net increase of 2,770 parking spaces over last year (some of them not ready for a few weeks yet). In September 1966 there were 10,768 spaces; in 1967, 13,538.

#### WHERE TO PARK

Any car carrying at least three persons will be eligible for a car-pool parking lot at Fourth street and Seventeenth avenue SE. This lot is reserved until 9:30 a.m. for car pools.

The two blocks near Delta Field being converted into temporary parking lots will not be ready for use for a few weeks yet. Drivers are warned that there will be no parking on the streets in that area, and traffic is likely to be quite congested.

The new parking ramp, behind Coffman Union, holds 1,700 cars, but only 800 of these spaces are for transient, or day-to-day, parking. (The rest are for contract parkers.) The ramp is entered via the East River road behind the Union; transient parkers use the two entrances closest to the Washington-avenue bridge. University police anticipate that anyone trying to use that portion of East River road for through traffic will have slow going, at least for a while.

A new lot has been created at Como and Twenty-eighth avenues SE., where parking will be free. Those who use it can catch the intra-campus bus to either the St. Paul or Minneapolis campus.

One parking lot that can easily be expanded to take all comers is that at the State Fairgrounds, on Randell north of Commonwealth. Fee is 15 cents a day or \$8 a quarter. This lot is about a 10-minute walk to Coffey hall on the St. Paul campus; a free shuttle bus runs between the two every 10 minutes in rush hours (7 to 9 a.m., 3:30-5:30 p.m.).

To interest more drivers in this lot, the University has added, on a trial basis, two free express buses from the Fairgrounds to the Minneapolis campus during rush hours. A bus will leave the Fairgrounds at 7:25 and 7:45 a.m. and arrive on the West Bank about 20 minutes later, making three stops along the way. It will leave the West Bank at 4:25 and 4:45 p.m.

The intra-campus bus between Minneapolis and St. Paul is free to anyone who rides the entire distance. This bus runs every five minutes from 7:30 to 10 a.m., every 10 minutes between 7:05 and 7:25 a.m. and between 10 a.m. and 6:30 p.m.

Another free bus runs almost continuously between the East and West Bank areas from 7:30 a.m. to 5:30 p.m. One extra bus will be added to this run for University staff members only, running every 15 minutes between 11:15 a.m. and 1:30 p.m. It will be marked with a sign, "Staff Only," and will park as close as possible to the Washington-avenue bridge on the West Bank. It will pick up passengers only on the West Bank and in front of the Union; but will let people off at the three other stops along the campus loop.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 21, 1967

50 'U' STUDENTS  
TO ATTEND NEW  
LEADERSHIP LAB

For further information, contact:  
DORIS FENICK, 373-2126

(FOR IMMEDIATE RELEASE)

About 50 student leaders at the University of Minnesota will attend a Laboratory on Personal and Organizational Development for Student Leaders to be held north of Stillwater this weekend (Sept. 22-24).

The laboratory, completely financed by the Coffman Union Board of Governors (UBOG) at a cost of more than \$2,000, is being presented "to stimulate the college leader's awareness of human behavior and inter-personal relationships in his forward move toward personal and professional effectiveness," according to Chris Stoddard, UBOG's personnel governor and the laboratory director.

Invited to take part in the educational experiment to be conducted by educational psychologists from the University faculty are top officers and board members of such University student activities as UBOG, Minnesota Student Association, the St. Paul Student Center, the International Student Council and the Minnesota Daily (student newspaper).

The laboratory in leadership will be housed in the Christian Brothers Retreat House, nine miles north of Stillwater on Highway # 96.

Heading the laboratory staff will be David Johnson and Alan Anderson, assistant professors in the educational psychology department.



UNIVERSITY OF MINNESOTA  
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SEPTEMBER 22, 1967

For further information, contact:  
NANCY PIRSIG, 373-2126

80 PROMOTIONS  
ANNOUNCED IN COLLEGE  
OF MEDICAL SCIENCES

(FOR IMMEDIATE RELEASE)

Eighty faculty promotions in the University of Minnesota's College of Medical Sciences were announced today by Dean Robert B. Howard.

The promotions, by department, are as follows:

Administration: H. Mead Cavert, associate dean for medical student affairs, from associate professor to professor.

Anesthesiology: John S. Rydberg to assistant professor; Russell W. Bagley and J. Albert Jackson to clinical associate professor.

Biochemistry: Donald B. Wetlaufer to professor.

Laboratory medicine: Grace Mary Ederer to associate professor; Donna J. Blazevic and Barbara R. Merritt to assistant professor, all in medical technology. Paul R. Finley to clinical assistant professor.

Medicine: Byrl J. Kennedy to professor; Benjamin Fuller to associate professor; Maynard E. Jacobson, John I. Levitt and Harold G. Richman to assistant professor. Donald G. Bohn, Paul T. Lowry, James C. Mankey and Frank E. Martin to clinical associate professor; and the following to clinical assistant professor: Alfred F. Anderegg, Rene Braun, John H. Brown, A. Sigrid Gilbertsen, James Karnegis, Everett H. Karon, James L. McKenna, Harold D. Miller, William A. O'Brien, Frank S. Preston, Jr., Thomas J. Kalb, Kenneth P. Manick and Manuel Jaffe.

Nursing School: Marian J. Town to assistant professor.

Otolaryngology: Arndt J. Duvall to associate professor; George V. Tangen to clinical associate professor; Melvin E. Sigel to clinical assistant professor.

Pathology: William A. Foley to clinical instructor.

(MORE)

Pediatrics: Bernard L. Mirkin to associate professor; Paul F. Dwan to clinical professor; Stanley A. Leonard to clinical associate professor; Donald Amren, Evelyn E. Hartman, William R. Heilig, Sidney S. Scherling and Albert J. Schroeder to clinical assistant professor; Lewis Sher, Jack L. Strobel and Walter L. Wilder to clinical instructor.

Pharmacology: Jack W. Miller to professor.

Psychiatry and neurology: George C. Flora to associate professor; Philip Feinberg and Robert L. Meller to clinical professor; Harold Berris, Leslie Caplan, Joyce S. Lewis, Jr., and John J. Regan to clinical associate professor; James T. Garvey and James C. Kincannon to clinical assistant professor.

Public Health School: Norman Craig, from assistant professor to associate professor and director of health education; Alma Sparrow, from assistant professor and assistant director of public health nursing to associate professor and director of public health nursing; Walter H. Jopke to assistant professor, environmental health and safety; Theodor A. Litman to associate professor, hospital administration.

Radiology: David L. Moody, Harold D. Davidson, Hans Kuisk and Mario Pliego to assistant professor; Lewis S. Carey to clinical associate professor; and the following to clinical assistant professor: Eugene E. Ahern, Milton R. Gilchrist, Gerald A. Gretsch, Barnard Hall, Harry W. Mixer, and Ames Naslund.

Surgery (three divisions, as follows):

Orthopedic surgery: Ramon B. Gustilo and George E. Nelson to clinical assistant professor.

Proctology: Howard M. Frykman to clinical professor; Loren E. Nelson, William T. Smith and Robert J. Tenner to clinical associate professor; Stanley M. Goldberg to clinical assistant professor.

Urology: Milton P. Reiser to clinical associate professor.

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For further information, contact:  
ROBERT LEE, 373-5830

MINNESOTA MEDICAL  
FOUNDATION AWARDS  
71 SCHOLARSHIPS

(FOR IMMEDIATE RELEASE)

The Minnesota Medical Foundation will award 71 scholarships, worth \$39,300, to medical students at its 29th annual meeting and honors program Monday (Sept. 25) at the University of Minnesota.

Dr. Karl W. Anderson of Excelsior, Minn., foundation president, made the announcement and pointed out that 64 students received \$34,200 last year.

Dr. Anderson will also report Monday on the approximately \$4,000,000 bequest to the foundation from the Royal A. and Olive W. Stone Memorial Fund earmarked for cancer and cardiovascular research.

The foundation, with 3,000 members supporting the advancement of medical education and research at the University, has allotted 637 scholarships worth \$337,520 since the fund was established in 1949.

Dr. John Najarian, professor and head of the University's department of surgery, will speak on "The Future of Transplantation."

In addition to the scholarship presentations, the second annual Cyrus P. Barnum, Jr., Memorial Teaching Fellowship will be awarded.

-U N S-

Note to Editors: If any of the scholarship winners is from your area, his name will be found on an attached list.

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UNIVERSITY OF MINNESOTA  
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MINNEAPOLIS, MINNESOTA 55455  
TELEPHONE: 373-2126  
SEPTEMBER 22, 1967

UNIVERSITY OF MINNESOTA NEWS NOTES

(FOR IMMEDIATE RELEASE)

BRAZILIAN UNIVERSITY  
GIVES HONORARY DOCTORATE  
TO 'U' PROFESSOR

Professor Ephraim M. Sparrow of the University of Minnesota mechanical engineering department recently received an honorary doctorate from the University of Brazil.

Professor Sparrow returned to the University this fall after a leave of absence for the purpose of assisting the Brazil university in the building of a graduate engineering program. He received his doctor of philosophy degree from Harvard University in 1956 and joined the Minnesota faculty in 1959. He is co-author of the textbook, "Radiation Heat Transfer."

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'U' PROFESSORS  
REPRESENT APGA  
AT ASIAN CONFERENCE

Edmund G. Williamson, University of Minnesota dean of students, and Henry Borow, University professor of psychological studies, represented the American Personnel and Guidance Association (APGA) at the recent Asian Regional Conference on educational and vocational guidance in Tokyo, Japan.

Dean Williamson is president of the APGA and Professor Borow is president of the National Vocational Guidance Association, a division of the APGA. The Asian conference was sponsored by the Japan Vocational Guidance Association.

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LIPSCOMB RECEIVES  
CHEMISTRY AWARD

William N. Lipscomb, Jr., former chief of the University of Minnesota chemistry department's physical chemistry division, has received a \$2,000 award from the American Chemical Society. He received the award for distinguished service in the advancement of inorganic chemistry. Lipscomb, now a member of the Harvard University faculty, was at Minnesota from 1946 to 1959.

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'U' ANESTHESIOLOGIST  
NAMED ACADEMY HEAD

For further information, contact:  
ROBERT LEE, 373-5830

(FOR RELEASE MONDAY, SEPT. 25)

Dr. Frederick Van Bergen, head of the University of Minnesota's department of anesthesiology, was named president of the Academy of Anesthesiology today (Sept. 25) at the Academy's 36th annual meeting in Scottsdale, Ariz.

Professor Van Bergen has been a member of the select 60-member academy since 1955 and has served as vice president and on the executive board.

The program during the four-day meeting is clinically oriented, according to Dr. Van Bergen.

Two former members of the academy from the University's anesthesiology department were Dr. Arthur William Friend, clinical assistant professor from 1944-47, and Dr. Ralph T. Knight, Van Bergen's predecessor and a charter member of the academy in 1929 when it was known as The Travelers Club.

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VISITING PROF TO GIVE  
FREE LECTURE SERIES

(FOR IMMEDIATE RELEASE)

Lars Gunnar Sillen, professor of inorganic chemistry at the Royal Institute of Technology, Stockholm, Sweden, will present a series of free lectures at the University of Minnesota during the fall quarter. His topic will be "Studies on Chemical Equilibria With Applications to Geo-chemistry and Cosmo-Chemistry."

Sillen's lectures, which are open to all interested people, will be given in room 225 Chemistry building at 11:15 a.m. Tuesdays and Thursdays, beginning Tuesday (Sept. 26) and ending Dec. 7. Sillen is a Hill Foundation visiting professor in analytical and inorganic chemistry.

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For further information, contact:  
DORIS FENICK, 373-2126

DEADLINES MOVED UP FOR  
MANY 1968 FELLOWSHIPS

(FOR IMMEDIATE RELEASE)

Minneapolis---Early deadlines for application for major national fellowship programs handled through the University Graduate School have been announced by Peter Connelly, fellowship director for the office.

Students who are interested in fellowship support for graduate study in 1968 must apply immediately, he said. Application dates for many of the major awards have been drastically advanced from former schedules.

Some of the early deadline dates are:

Danforth---Sept. 25

Churchill---Oct. 16 (deadline for receipt of departmental nominations)

Rhodes---Sept. 25

Marshall---Oct. 28

Fulbright---Oct. 6

Woodrow Wilson (National)---Oct. 31 (faculty letter of nomination)

National Institutes of Health---Oct. 1

National Science Foundation---Graduate Fellowship, Dec. 8

Traineeship, Feb. 15, 1968

Kent---Dec. 3

National Defense Education Act, Title IV or Title VI---Feb. 15, 1968

Students also are reminded that many national competitions require the applicant to take the Graduate Record Examination on Oct. 28.

Applications for this examination must be filed by Oct. 10.

Inquiries about fellowship programs and application procedures may be addressed to the Graduate School Fellowship Office, Room 307 Johnston Hall, University of Minnesota, Minneapolis, Minn., 55455.

UNIVERSITY OF MINNESOTA  
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REGISTRATION CLOSED FOR  
3rd SEX EDUCATION  
INSTITUTE AT U OF M

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

The maximum number of registrations---500---has been received for the Third Institute on Sex Education, to be held Wednesday and Thursday (Sept. 27-28) in Mayo auditorium on the University of Minnesota Minneapolis campus.

The program, sponsored by the University General Extension Division's department of conferences and institutes, is one of practical application for professionals and parents who seek training in the area of sex instruction. The content of this third institute will not duplicate material presented at the previous two.

Four nationally known educators will be featured on the program. Henry A. Bowman, professor of sociology from the University of Texas and an authority on marriage and family life, will give the keynote address at 8:45 a.m. on Wednesday. The title of his talk is "An Overview of Human Sexuality," and he will discuss such matters as the goals of sex education and the roles which the home, church and school should play in the process.

A classroom demonstration of how to talk about sex with college-age students will be conducted by Bowman at 1:30 p.m. the following day (Thursday). Students from Hamline University and the Colleges of St. Thomas and St. Catherine in St. Paul will participate in the demonstration.

Harlan Norem, director of education at Augustana Academy in Canton, S.D., will discuss sex education on the senior high school level at 9:30 a.m. Wednesday. Following his speech he will conduct a classroom demonstration with teenagers similar to the one Bowman will conduct with college students.

(MORE)

Richard Hey, University associate professor of family studies, will discuss sex education at the elementary school level at 2 p.m. Wednesday. He will consider what, when, and how to give sex education at home, in the church and at school.

Eric Johnson, a teacher at the Germantown Friends School in Philadelphia, will consider the same questions in relation to junior high school students during the first talk of the day Thursday at 8:45 a.m.

In addition to the speeches, faculty members will demonstrate the effective use of such teaching aides as movies and slides.

The program is being presented with cooperation and financial support from the Minnesota State Department of Health, and with assistance from a number of religious and educational groups.



MINNESOTA-DAKOTAS  
ASSEMBLY RESET  
FOR OCT. 4-7

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 22, 1967

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

The Minnesota-Dakotas Assembly on "State Legislatures in American Politics," postponed last June because of the special session of the Minnesota State Legislature, has been rescheduled for Oct. 4-7 at the Holiday Inn in Moorhead.

Arrangements for the program are under the direction of William C. Rogers, conference chairman and director of the State Organization Service of the University of Minnesota General Extension Division. All speakers slated to appear at the original assembly will participate in the October program.

The assembly will feature talks by John Anderson, Jr., president of the Citizens Council on State Legislatures, and by Malcolm Jewell, University of Kentucky, and Samuel Patterson, University of Iowa, who are co-authors of the book, "The Legislative Process in the United States."

Text for the assembly will be its own paperback publication, "State Legislatures in American Politics," which will be sent to participants when their registrations are received. Background papers on the three states and their legislatures also will be distributed.

The Minnesota-Dakotas Assembly is patterned after the American Assembly, a national, educational institution founded by former President Dwight D. Eisenhower in 1950 when he was president of Columbia University. Purpose of the assembly is to bring together interested citizens to discuss a subject and to reach a consensus.

Cooperating with the University of Minnesota are the universities of North and South Dakota, North Dakota State University, South Dakota State University and Moorhead State College.

State officials and legislators, college and university faculty members, representatives from business and labor, and concerned laymen from the three-state area are eligible to attend the meeting.

A registration fee of \$25 will be charged. The major portion of the costs will be covered by a grant from the Hill Family Foundation of St. Paul.

For further information, contact Mrs. Dorothy Anderson, Program Coordinator, State Organization Service, 122 Social Science Building, University of Minnesota, Minneapolis, Minn., 55455; telephone 373-3977.

FEDERAL OFFICIAL  
TO ADDRESS  
POVERTY WORKSHOP

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 22, 1967

For further information, contact:  
JUDY VICK, 373-2126

(FOR IMMEDIATE RELEASE)

Richard Boone, executive director of the Citizens Crusade Against Poverty, Washington, D.C., will be the principle speaker at a Development of Human Resources workshop Tuesday (Sept. 26) at the Thunderbird Motel, Bloomington. The workshop is open to the public.

Boone is former assistant to Sargent Shriver of the Office of Economic Opportunity (OEO). The all-day workshop is sponsored by the University of Minnesota Training Center for Community Programs and the League of Women Voters of Minnesota.

"Does the War on Poverty Make a Difference? An Appraisal and Alternatives" will be the theme of the conference.

Thomas Walz, assistant professor of social work at the University of Minnesota, will give the opening speech at 9:30 a.m. His topic will be "The War on Poverty in Perspective: The New Strategy and Its History."

Resident participants in the OEO programs will present a panel discussion on "Maximum Feasible Participation of the Poor" at 10:30 a.m. The moderator will be Mrs. Esther Wattenberg, assistant director of the Training Center for Community Programs.

Panel members will be Mrs. Georgianna Day, Mille Lacs Indian Reservation; Mrs. Kathy Kopka, a resident employe of the Citizens Community Centers, and Matthew Eubanks, neighborhood development specialist for the Citizens Community Centers.

"Measuring the Value of OEO Programs: Criteria for Evaluating Effectiveness" will be discussed at 11:30 a.m. by Richard Sykes, assistant professor in the social science program at the University, and Arthur Harkins, acting director of the Training Center.

Boone will speak at 1:45 p.m. His topic will be "A Frank Appraisal of the War on Poverty: Alternatives."

Co-chairmen of the workshop are Mrs. Kenneth Brown, chairman of the League of Women Voters of Minnesota committee on the development of human resources, and Mrs. Wattenberg.

Registration fee for the workshop is \$3. Persons may register by phoning 373-2959.

UNIVERSITY OF MINNESOTA  
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SEPTEMBER 25, 1967

For further information, contact:  
DORIS FENICK, 373-2126

JAZZ WORKSHOP  
TO BE HELD AT 'U'  
STARTING OCT. 3

(FOR IMMEDIATE RELEASE)

"Explorations in Jazz," a series of nine workshop concert-lectures dealing with jazz and its make-up, harmony, rhythm, melody line, counterpoint and form, will be presented at the University of Minnesota on nine consecutive Tuesdays starting Oct. 3.

The musical programs, presented by the Coffman Union Board of Governors, while planned principally for University students, will be open to the public, Tom Stark, Union program area director, said.

The Artist Jazz Quartet, a University-oriented group of top musicians in their fields, will present the programs at 1:15 p.m. each Tuesday through Nov. 28 in Coffman Union main ballroom.

A \$5 fee, payable in advance, will be charged for the series, Stark said. The fee may be paid in Room 231, Coffman Union, and the receipt will be used as a ticket of admission to each of the programs.

Members of the Artist Jazz Quartet are: alto saxophone, Frank Bencriscutto, director of the University bands, associate professor of music, composer, conductor and arranger; piano, John Zdechlik, arranger, composer and graduate assistant director of the University bands; bass, Jim Morton, active bassist in the Twin City area most recently associated with "Doc" Evans and currently a graduate student in music at the University; and percussion, Tom Hanson, professional musician, part-time student who has been seen locally in such groups as the Mill City Seven (a Dixieland unit) and Herb Schoenbalm's group (known for Brazilian jazz) and with a jazz singer, Miss Tony Lee Scott.

(MORE)

The group, Stark pointed out, is composed not only of gifted musicians, but also of knowledgeable performers who have a solid background in the theoretical concepts underlying the jazz idiom and, equally important, the ability to communicate the concepts and feeling of their music to the audience.

Titles of the nine programs in the series are:

- Oct. 3---"Birds Eye View of Jazz"
- Oct. 10---"Improvisation in Jazz"
- Oct. 17---"Harmony in Jazz"
- Oct. 24---"The Relationship of Composer, Performer and Listener to Jazz"
- Oct. 31---"Rhythm of Jazz"
- Nov. 7---"Jazz---A Choice of Great Tunes: Gershwin, Porter, Rodgers"
- Nov. 14---"Melody in Jazz"
- Nov. 21---"Counterpoint and Form in Jazz"
- Nov. 28---"Improvised Legitimate Composition"

Additional information about the jazz workshop may be obtained by calling Tom Stark at 373-2455.

UNIVERSITY OF MINNESOTA  
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SEPTEMBER 25, 1967

PRESIDENT MOOS  
WILL SPEAK AT 'U'  
OPENING CONVOCATION

For further information, contact:  
JUDY VICK, 373-2126

(FOR IMMEDIATE RELEASE)

President Malcolm Moos will speak at the University of Minnesota opening convocation Thursday (Sept. 28) in Northrop auditorium.

The pageantry which officially marks the beginning of the 1967-68 academic year will begin at 11:15 a.m.

The University of Minnesota band directed by Frank Bencriscutto, will perform on the steps of Northrop auditorium preceding the program.

The program will be telecast by the Minnesota Educational Television Network stations WDSE-TV, channel 8, Duluth; KWCM-TV, channel 10, Morris and West Central Minnesota, and KTCA-TV, channel 2, Twin Cities. The telecast will begin at noon.

William C. Newell, president of the Minnesota Student Association, will welcome the students and introduce Peter Ramme, president of the University of Minnesota, Duluth, Student Association, and Gary McGrath, president of the Morris Campus Student Government.

Stanley J. Wenberg, University vice president for educational relationships and development, will preside.

Organist Heinrich R. Fleischer, professor of music, will play. The singing of the national anthem and "Hail Minnesota" will be led by Roy A. Schuessler, professor of music.

Faculty marshals will be Robert H. Beck, professor of education; John A. Goodding, chairman of the student scholastic standing committee and assistant director of resident instruction; Robert L. Jones, director of the School of Journalism and Mass Communication, and Edward Silberman, civil engineering professor.

A 15-minute carillon concert by Leonard P. Danek, a music department student, will follow the convocation.

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SEPTEMBER 25, 1967

For further information, contact:  
DORIS FENICK, 373-2126

LEADING GERMAN  
SCHOLAR IS VISITING  
PROF AT U OF M

(FOR IMMEDIATE RELEASE)

Professor Benno von Wiese of Bonn University, Germany, is a Hill Foundation visiting professor at the University of Minnesota during the fall and winter quarters this year, according to Professor Edwin F. Menze, German department chairman.

Professor von Wiese is considered by many to be the greatest living Germanist, Menze said. "A most prolific and highly honored scholar himself, Professor von Wiese is descended from a long line of men of letters and university teachers in Germany. Best known in this country is his father, Leopold von Wiese, one of the first German sociologists, who now is a professor emeritus at Cologne University.

A graduate of the Universities of Leipzig, Vienna and Heidelberg, von Wiese has held professorships at the University of Erlangen (1932-43), University of Munster (1943-57) and, from 1957 to the present, Bonn University.

In 1954 he was a guest professor at Indiana University and spent the 1955-56 academic year as a visiting professor at Princeton University.

The list of Professor von Wiese's publications includes more than 100 titles, many of them definitive critical works on German drama, the German novel and German lyric poetry.

UNIVERSITY OF MINNESOTA  
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SEPTEMBER 25, 1967

JUNIOR HIGH SCHOOL  
PRINCIPALS 'PREPARE  
FOR CHANGE'

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

"Preparation for Change" is the theme of the first conference for principals and administrators of Minnesota junior high schools sponsored by the University of Minnesota. The conference will be held at Douglas Lodge in Itasca State Park.

The program, which will be held Friday through Sunday (Sept. 29-Oct. 1) will be presented by the University General Extension Division's department of conferences and institutes and the College of Education, in cooperation with state junior high school principals.

The keynote address at 7:30 p.m. Friday will be delivered by Richard D. Kimpston, University assistant professor of secondary education.

The first panel discussion at 9 a.m. Saturday will consider some of the ramifications of a new, flexible method of class scheduling called modular curriculum. The three panel members who will consider ways to prepare staff members for the modular system are Milton Ojala, project director of the Hopkins modular curriculum study project, and two junior high school principals, L. R. Palmer, Minnetonka East, and Harold T. Lehto, Highland Park.

New thinking in the area of junior high school physical design will be discussed at 1:30 p.m. Saturday. The two men who will consider the topic, "Architectural Change," are Kenneth L. Skold, a partner with the Minneapolis architectural firm of Armstrong, Schlicting, Torseth and Skold, Inc., and Ronald Goedken, principal of the Burnsville junior high school.

Other topics on the agenda are "Junior High Time Requirements," "A New Brand of Teachers," "Articulation in Secondary Schools," and "The Core Program and Flexible Scheduling."

About 80 junior high school educators are expected to attend the conference.

UNIVERSITY OF MINNESOTA  
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SEPTEMBER 26, 1967

CHEMICAL THAT MIGHT HELP  
IN DIAGNOSIS OF MENTAL ILLNESS  
BEING STUDIED IN 'U' PROJECT

For further information, contact:  
GLENN ICKLER, 373-2126

(FOR IMMEDIATE RELEASE)

Evidence that some forms of mental illness may be caused by a chemical which is produced in the body and acts like a hallucinogenic drug is being studied in a research project at the University of Minnesota department of pharmacology.

One of the purposes of the project---directed by Dr. Amedeo S. Marrazzi, Hill professor of neuropharmacology---is to find new ways of diagnosing mental illness, determining how sick a patient is, determining the effectiveness of a method of treatment and spotting people who are on the "ragged edge" near mental illness.

Dr. Marrazzi's work is supported by the Hill Family Foundation of St. Paul, the U. S. Air Force Office of Scientific Research, the Public Health Service, the National Science Foundation, the pharmaceutical industry and the University.

His research at the University has shown that communication within the brain is interrupted by the substance dimethoxyphenylethylamine (DMPEA). Researchers elsewhere have reported that this substance can be extracted from the urine of very sick schizophrenic patients and of persons with a nervous system derangement known as parkinsonism.

Research begun by Dr. Marrazzi before he came to the University in 1964, and continued since, shows that the drugs LSD and mescaline, which produce such symptoms of the disturbed mind as hallucinations and anxiety, also tend to interrupt cerebral communication.

DMPEA is chemically related to mescaline (a hallucinogenic drug obtained from cactus), Dr. Marrazzi said. The effects of both are offset by a tranquilizer drug, he said.

"DMPEA then would have the attributes of a mind-disturbing chemical and its production in the body might, indeed, be a factor in the causation of some types of cerebral and mental illness," Dr. Marrazzi said.

(MORE)



He noted that both hallucinations and overpowering anxiety are frequent symptoms of mental illness. These symptoms can be produced at will in normal subjects by giving them LSD or mescaline and can be controlled by tranquilizers.

"The situation parallels the findings with these drugs in animals, suggesting that the kind of action observed in animals is the kind responsible for the symptoms in man," he said. He has conducted experiments using rats, cats and monkeys.

Dr. Marrazzi has found that the mind-hampering effect of the drugs apparently begins in the parts of the brain which store information and experience. He theorized that the outcome of such interference with a person's memory (which would blank out past experience) would be a reduced ability to interpret new information in the light of past experience.

"A sufficient impairment of perception, we believe, leads to hallucination," Dr. Marrazzi said. "If this concept checks out, it would mean that the dissociation resulting from reduction of activity in one of the parts of the brain is the basis of the mental illness exhibiting these symptoms and, further, that a fundamental fault in function in mental illness is an inability for coordinated action of the brain."

Evidence accumulated in experiments carried out with the department of psychiatry, including clinical psychology, indicates that this theory is correct, he said.

Dr. Marrazzi and his associates have devised a test that instrumentally measures a person's perception. The subject views a room through special lenses which distort its appearance. The subject is then asked to turn an indicator bar so that it will be parallel with a wall, which appears to slant at an angle, or the floor, which appears to slope. The recorded motion of the bar serves to accurately measure the apparent slant or slope.

The walls and floor of the room are covered with leaves to break up all sharp outlines. This is necessary because a person's mind, which will normally limit the amount of distortion seen through the special lenses by checking what is seen against stored previous experience (in this case, the ordinary shape of rooms), would otherwise cancel out the distortion completely.

(MORE)

Reasoning that the type of mentally ill person who has faulty perception would find it more difficult than normal to overcome the further impairment of perception caused by LSD or similar drugs, the researchers developed a test procedure that they have used with both patients and normal volunteers.

The subjects are given a dose of LSD or a similar drug which is too small to alter the perception of a normal person. Test results show that this small dose adds to the difficulty in perception already present in the mentally ill subjects so that the distortion they see is greatly increased.

"The success of this test comparing normal students to hospital patients supports our interpretation of the nature of the cerebral difficulty and also provides for the first time an objective, quantitative measure to help make diagnosis and assess the intensity of illness and degree of relief obtained by treatment," Dr. Marrazzi said.

Dr. Marrazzi believes this test could be used to detect people who have never been mentally ill but who have less than normal correlation of brain activities. These people should have preventive therapy and should live more sheltered lives, he said.

Dr. Marrazzi's group also has written a screening program designed to help in the search for new tranquilizing drugs by using a modification of the perception test. The subject will be given a small dose of LSD, producing a distortion discernible only by the perception test, and then tested to see whether or not a small dose of a proposed new tranquilizer compound prevents the effect.

The human testing program is approved and authorized by the University human experimentation committee. All volunteers are screened by the Minnesota Multiphasic Personality Inventory and interviews with a clinical psychologist, Dr. Marrazzi and, if necessary, a psychiatrist.

(MORE)

The drug testing program and the study of DMPEA are parts of a large neuro-pharmacology project at the University. The entire project, which includes work in the fields of behavior and psychopharmacology, neuropharmacology, and electro-pharmacology, has been discussed by Dr. Marrazzi in a report to the Hill Family Foundation.

He said the first three years of the study at the University have highlighted:

"(1) The exquisite capabilities of the cerebral computer for maintaining homeostasis (a relatively stable state of equilibrium in an organism) and the devastating consequences---mental and bodily---when homeostasis fails and this causes mental illness.

"(2) The fact that a critical communication link between brain cells is chemical, and therefore is modifiable by other chemicals and drugs, accounts for the amenability to analysis and to correction by drugs."

Dr. Marrazzi's plans for future research include:

PAYING particular attention to the possibility of developing better and new kinds of tranquilizers and antidepressants.

EXTENDING the correlation between chemical structure and activity of the hallucination-producing compounds related to mescaline.

INVESTIGATING the possibility of utilizing larger doses of LSD to train patients to cope with the psychosis-like effects. This type of therapy will be evaluated.

STUDYING the possible use of LSD in producing an educational experience that would help young psychiatrists (hospital resident physicians) understand their patients' symptoms.

DEAN E. W. ZIEBARTH  
URGES BROADCASTERS  
TO ACCEPT RESPONSIBILITY

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 26, 1967

For further information, contact:  
JUDY VICK, 373-2126

(FOR IMMEDIATE RELEASE)

Don't give the public just what it wants, E. W. Ziebarth told a national convention of broadcast officials Tuesday night (Sept. 26) in Minneapolis.

Ziebarth, dean of the College of Liberal Arts at the University of Minnesota, urged members of the National Institute of Broadcasting Financial Management to accept responsibility which goes beyond current fads and fancies of their audience.

"Television will have a mass audience, but that does not mean that it should be a universal audience of homogenized tastes in a passive and leveled society," he said.

"An industry such as yours can hardly succeed by giving its audience what it does not like but it is equally true that the mass media cannot fulfill their function in terms of public service by giving its audiences only more and more of what they currently do happen to accept---the responsibility goes well beyond that," Ziebarth said.

"Television must fail in substituting itself for an active participation in the affairs of the free society of which it is a part, yet this is exactly what is being asked of television by its many viewers," Ziebarth told his audience of comptrollers and broadcast attorneys.

"The medium must not respond to that demand, and it is heartening to note that significant segments of it have already made it clear that they have no intention of going in that direction," he added.

"This group of executives has a responsibility to help the industry fulfill its deeper responsibility."

"If the mass media, are, as so many people say, the Great Extension of Almost Everything, and if we do not like what is being extended, it would seem elementary that we look not only at the extending instrument but at what is being extended and why."

Ziebarth is a consultant for Midwest Radio-Television, Inc., which includes WCCO radio. He is a former educational director of the Central Division of the Columbia Broadcasting System and is a winner of the National Peabody Award and the American Federation of Radio and Television Artists "Best Commentator" Award.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 27, 1967

For further information, contact:  
BETH KENT, 373-5166

GENERAL EXTENSION DIVISION  
ADDS ASSISTANT DEAN,  
SOCIAL WORK POSITION

(FOR IMMEDIATE RELEASE)

Appointments to two newly created positions in the University of Minnesota General Extension Division were announced today by the division's Dean Willard L. Thompson.

Austin G. Anderson, director for the past two-and-a-half years of the extension division's department of continuing legal education, was appointed assistant dean of the division. He also will continue as director of the continuing legal education department.

In his new position Anderson will coordinate the continuing professional education activities currently being carried on in the General Extension Division. These include an expanding series of programs for the professional, as well as the division's department of conferences and institutes.

Just prior to joining the University staff, Anderson spent two years as director of the Institute on Continuing Education of the Illinois Bar, a non-profit educational organization for continuing legal education.

He received his law degree from the University of Minnesota in 1958 and was in private law practice in Hibbing, Minn., for four years.

Anderson is currently secretary-treasurer of the National Association of Continuing Legal Education Administrators and is the author of an article entitled "Continuing Legal Education and the University Extension Division," which was published in the October, 1966, issue of "The Practical Lawyer."

(MORE)

The second new appointment is of William Hoffman as director of continuing education in social work. The position is a joint appointment between the General Extension Division and the University School of Social Work, under its director John C. Kidneigh.

Hoffman will oversee and develop continuing and extension education in the field of social welfare, and will be responsible to direct and coordinate institutes in the field.

The position was created in response to the need to coordinate various kinds of welfare programs and to upgrade professional and semi- and sub-professionals in the field. His work will bring him into contact with such persons as social workers and VISTA volunteers.

Hoffman has had 20 years' experience in the field of social welfare as a practitioner, educator and administrator.

For the past year he was director of special federal projects for the St. Paul Bureau of Health, and for ten years prior to that was planning director for the Greater St. Paul United Fund and Councils, Inc.

He also is experienced in the field of corrections and is the author of numerous articles on the subject of social welfare.

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For further information, contact:  
JUDY VICK, 373-2126

IRENE KREIDBERG TO RECEIVE 'U'  
OUTSTANDING ACHIEVEMENT AWARD

(FOR IMMEDIATE RELEASE)

Irene D. Kreidberg, a leader in Twin Cities business and community activities, has been selected to receive the University of Minnesota Outstanding Achievement Award.

The award, from the University's Board of Regents, will be presented by William G. Shepherd, University vice president for academic administration, Saturday (Sept. 30) at a 1 p.m. luncheon meeting of the Minnesota Alumnae Club at the Midland Hills Country Club, St. Paul.

The luncheon is open to the public. Reservations can be made by calling the University Alumni office, 373-2466. Cost is \$3.

Miss Kreidberg, group supervisor of special services for the UNIVAC division of Sperry Rand Corp., will be honored as a "distinguished graduate of the University of Minnesota, a capable executive with significant responsibility in the business world, respected consultant and former lecturer at her alma mater, active civic leader dedicated to the progress of many community concerns and effective advocate of increased status for women."

She graduated from the University in 1930 with a bachelor's degree in business administration.

(MORE)

Miss Kreidberg has served as president of the Minnesota Alumnae Association; president of the Minnesota School of Business Administration Alumni Association (and currently consultant to its board of directors); president of the business and professional division of the Women's Association of the Minneapolis Symphony Orchestra; a member of the State Advisory Council on Vocational Education; president of the Minneapolis-St. Paul chapter and a national officer of the National Office Management Society; chairman of the women's division of the Greater Minneapolis Chamber of Commerce; vice president of the Minneapolis chapter of Zonta International; district director for the Hennepin County Community Chest, and a member of the qualifications committee of the Institute for Certifying Secretaries.

In 1966 and 1967 she was chairman of the Queen's Review luncheon for the Minneapolis Aquatennial Association.

She is a member of the University Freshman Scholarship committee and assistant treasurer and finance chairman for the Center Opera Association.

She is listed in the 4th edition of "Who's Who in American Women."



UNIVERSITY OF MINNESOTA  
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OCTOBER 2, 1967

EDUCATION FACULTY  
FAVORS 'U' HIGH-MARSHALL  
MERGER BY 10-1 MARGIN

For further information, contact:  
JUDY VICK, 373-2126

(FOR IMMEDIATE RELEASE)

University of Minnesota College of Education faculty members favor the merger of University and Marshall high schools by a 10-to-1 ratio, it was announced Monday by Stanley B. Kegler, associate dean in the College of Education.

Results of voting, which was conducted during the summer, were released Monday. They indicated that 90 faculty members favor the merger and nine oppose it. Voters included all College of Education faculty with a rank of assistant professor or above and representatives from other collegiate units in which education students take a major part of their work.

A general status report on the merger will be issued Nov. 15 by the advisory committee now working on the problems of the U High-Marshall merger. The report will be issued by mail to parents and interested groups.

Members of the advisory committee include Kegler, executive secretary of the committee; Elmer W. Learn, assistant to the University president and planning coordinator; Clifford Hooker, professor of educational administration, College of Education; Donovan Johnson, acting chairman of secondary education for the College of Education; Richard Hill, acting director of University High School; John B. Davis, superintendent of Minneapolis Public Schools; Nathaniel Ober, assistant superintendent of Minneapolis Public Schools; Almon Hoye, principal of Marshall High School; the Rev. David Preus, chairman of the Minneapolis School Board; B. Warner Shippee, executive vice president of the University Community Development Corporation, and Fred E. Lukermann, University assistant vice president for academic administration.

Representatives of the committee met recently with the Southeast Minneapolis Planning and Coordinating Council. They will meet with the Marshall and University High School parent-teacher associations in the near future. Dates for the meetings have not been set.

UNIVERSITY OF MINNESOTA  
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OCTOBER 2, 1967

FELLOWSHIPS AWARDED  
TO 23 GRADUATE STUDENTS  
IN SPECIAL EDUCATION

For further information, contact:  
DORIS FENICK, 373-2126

(FOR IMMEDIATE RELEASE)

Minneapolis---Twenty-three fellowships for graduate students in special education have been announced by the University of Minnesota's department of special education.

The fellowships, ranging in value from \$2,000 to \$4,000 each, plus tuition and fees for the academic year, are funded by the U.S. Office of Education under Public Law 89-10.

Opportunities are provided for graduate study for future teachers, college instructors, researchers and administrators in the areas of emotionally-disturbed and socially-maladjusted, mentally-retarded, hearing-impaired, vision-impaired and physically-handicapped children.

Award recipients from Minneapolis are: Betty Decker, 915 Sixth st. SE.; Miriza Jones, 2925 Kyle st.; Ruby Riney, 1611 Penn ave. N.; Jean Rosenfeld, 2601 S. Twenty-fifth ave.; the Reverend David Turner, 2414 Seventh st. S.; and Virginia Rouleau, 4439 W. Fiftieth st.

From St. Paul: Elizabeth Engelhardt, 2480 Beverly rd., and Sharon Paulson, 511 Oakland ave.

Twin Cities suburbanites receiving the fellowships include two from Circle Pines---Thomas Erickson, 43 Inner dr., and Susan Stimac, 2 Park dr. E.; Janet Wood, 122 Morris st. NW., New Brighton; and Patricia Kennedy, 3532 Tonkawood rd., Minnetonka.

Two other Minnesotans, Boyd Carlson, Howard Lake, and Katherine Paine, Grand Rapids, received fellowships.

Graduate students from other parts of the United States who will continue their studies at the University under these fellowships are: Ann Abrams, Wadsworth, Ohio; Lois Jarl, Des Plaines, Ill.; James Kelps, St. Louis, Mo.; Raphael Kudela, Garrison, N.Y.; Earl Mello, Baltimore, Md.; Barbara Renman, Superior, Wis.; Linda Shoemaker, Allentown, Pa.; Virginia Stewart, Cincinnati, Ohio; and Thomas Sundell, Cedar Falls, Iowa.

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For further information, contact:  
DORIS FENICK, 373-2126

MAN FROM U.N.C.L.E.  
TO TALK POLITICS  
AT UNIVERSITY SATURDAY

(FOR IMMEDIATE RELEASE)

A speech which is expected to be political in nature will be delivered by Robert Vaughan, "The Man from U.N.C.L.E.," at 8 p.m. Saturday (Oct. 7) at the University of Minnesota.

Vaughan, star of the NBC-television series carried in the Twin Cities area by station KSTP-TV, will be co-sponsored by the Minnesota Student Association (MSA) and the department of concerts and lectures, according to the MSA's program director, Ed Lambert.

The speech, open free to the public, will be given in Northrop auditorium.

A graduate of Minneapolis North high school, Vaughan attended the University in the early-'50s where he was active in University Theatre activities. He played parts in productions of "Hamlet," "Death Takes A Holiday" and "Knickerbocker Holiday." He also was a sports writer for the Minnesota Daily.

He completed his education in California and currently is working for his doctor of philosophy degree in communications. His thesis title is "An Historical Study of the Influence of Senator Joseph McCarthy on the American Theatre."

Active in West Coast politics, Vaughan heads the speakers' bureau of the Democratic party in Los Angeles.

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OCTOBER 2, 1967

For further information, contact:  
JUDY VICK, 373-2126

JOHN ALLEE  
TO PLAY ANDROCLES  
IN 'U' PRODUCTION

(FOR IMMEDIATE RELEASE)

A musical fairy tale set in ancient Rome will open the Young People's University Theatre season.

"Androcles and the Lion," by Aurand Harris, will be presented Saturday and Sunday, Oct. 14 and 15, at 3:30 p.m. in Scott Hall auditorium on the University's Minneapolis campus.

John Allee, a graduate student and teaching assistant in the University department of speech, communication and theatre arts, will play the lead role of "Androcles," a Roman slave. Allee is originally from Washington, D. C.

The play will be directed by Lee Adey, assistant professor of speech and theatre arts.

Tickets are priced at \$1 each. Groups of 10 or more may purchase tickets for 75 cents each. They are available from the Scott Hall Ticket Office, University of Minnesota, Minneapolis, or by phone at 373-2337.

-U N S-

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OCTOBER 4, 1967

For further information, contact:  
BETH KENT, 373-5166

YOUNG PEOPLE'S ORCHESTRA  
EXPANDS; NEW POSITIONS OPEN

(FOR IMMEDIATE RELEASE)

MacPhail Center, the downtown Minneapolis arm of the University of Minnesota's General Extension Division, has announced the expansion of its Young People's Orchestra.

The performing group, which consists of junior and senior high school students between the ages of 12 and 17, will add wind and percussion sections to its current core of string musicians.

Advanced music students who are interested in auditioning for positions in the two new sections may make arrangements by calling the MacPhail Center at 332-4424.

The orchestra, under the direction of Anthony Gilombardo, rehearses each Saturday from 2 to 4 p.m. Several concerts, including some out-of-town performances, are presented by the group each year.

-U N S-

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OCTOBER 4, 1967

For further information, contact:  
JUDY VICK, 373-2126

PEARL S. BUCK  
WILL SPEAK  
AT 'U' NEXT WEEK

(FOR IMMEDIATE RELEASE)

Pearl S. Buck, Nobel-prize-winning author and humanitarian, will speak at two convocations next week at the University of Minnesota.

"A Morning With Pearl S. Buck" will be presented at 10:15 a.m. Monday (Oct. 9) in the Student Center on the St. Paul campus and at 11:15 a.m. Tuesday (Oct. 10) in Northrop auditorium, Minneapolis campus. Both appearances will be open free to the public.

Miss Buck, the first American woman to receive the Nobel Prize for Literature, is the author of 70 books, including the best-selling "The Good Earth," which received the Pulitzer prize and was the basis for a play and a movie. She is also the author of "Sons," "East Wind, West Wind," "A House Divided," "The Patriot," "Dragon Seed," "The Promise" and "The Living Reed."

"For Spacious Skies," published in 1966, was written in collaboration with Theodore F. Harris, president and executive director of the Pearl S. Buck Foundation. Today the foundation is one of Miss Buck's primary interests. It was set up in 1964 as an agency devoted to the health, education and welfare of children born in Asia of American fathers and Asian mothers.

Miss Buck was born in Hillsboro, West Virginia. Five months after her birth she left for China with her missionary parents, and lived there most of her growing-up years. She returned to America to attend Randolph Macon College. Following her graduation she taught psychology at the college before returning to China where she married John Lossing Buck, an agriculture teacher. Miss Buck received master's degrees from Cornell University and Yale University.

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For further information, contact:  
JEFF CARRUTHERS, 373-2126

'U' ASTRONOMY DEPT.  
EXPANDS INTO  
ASTROPHYSICS

(FOR IMMEDIATE RELEASE)

The University of Minnesota department of astronomy is expanding into astrophysics and, in so doing, is becoming a more integral part of the School of Physics and Astronomy.

Neville Woolf, a leading astrophysicist, is the latest appointment of the department, named by the Board of Regents at its September meeting. He will join the staff in January.

Professor Morton Hamermesh, head of the School of Physics and Astronomy, said Woolf is among the top half dozen astrophysicists in the country and does both theoretical and experimental work.

Astrophysics is, simply, the application of physics to astronomy. Thus, astrophysicists study the nuclear processes taking place within various types of normal and "abnormal" stars by analyzing the various types of energy coming from them.

Some stars emit large amounts of radio waves or infra-red light, neither of which can be "seen" by eye detectors. Special radio telescopes or infra-red cameras must be used.

Theories concerning the creation and continuance of our universe must be able to predict and explain the energy emissions of different stars.

Astrophysicists try to detect, classify, and explain these various astronomical phenomena in terms of the many current theories in order eventually to narrow everything down to one theory of the universe.

(MORE)

The astronomy staff currently consists of three faculty members: Karlis Kaufmanis and Peter Roll, associate professors; and Wayne Stein, assistant professor. When Professor Woolf joins the staff, he will be director of the Minnesota Observatories. Strathmore Cooke, a professor of metallurgical engineering and an amateur astronomer, is helping with the teaching of introductory astronomy.

Willem J. Luyten, former chairman of the astronomy department, has retired from teaching but is continuing his research. Luyten and other members of the School of Physics and Astronomy have been allocated space in the new Space Sciences Center currently under construction.

Hamermesh said he hopes to add one or two more astrophysicists to the staff in the coming year. Stein holds a joint appointment with Minnesota and the University of California, San Diego, he said.

Woolf received his bachelor of science and doctor of philosophy degrees from Manchester University in England. He has worked at the Lick Observatory, University of California, the University of Texas, and the National Aeronautics and Space Administration Institute for Space Studies, New York.



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GEORGE KROENLEIN  
TO PRESENT RECITAL  
OCT. 16 IN SCOTT HALL

For further information, contact:  
JUDY VICK, 373-2126

(FOR IMMEDIATE RELEASE)

George Kroenlein, formerly the leading baritone of the Bern (Switzerland) Opera House, will present his first Minneapolis recital Monday, Oct. 16, at 8 p.m. in Scott Hall, University of Minnesota.

Kroenlein, who has made more than 300 operatic appearances abroad, joined the University of Minnesota music department faculty in 1966.

Works by Handel, Schubert, Brahms, Ives and Strauss will be included in his Scott Hall recital. He will be accompanied by pianist Richard Zgodava.

A native of Fairmont, Minn., Kroenlein moved with his family to New Richmond, Wis., when he was in grade school. He began studying voice with Mabel Jacobs of Minneapolis when he was a teenager. As a high school senior he was honored as "the most outstanding voice in the state of Wisconsin" and received a scholarship to the University of Wisconsin. He studied there until he enlisted in the Air Force during the Korean conflict. Following four years in the service, he spent two years studying voice in San Francisco, Calif.

Kroenlein then enrolled as a scholarship student at Hochschule fuer Musik in Berlin, Germany. After completing a six-year course he made his operatic debut in Ulm, Germany.

Kroenlein has appeared in many European cities including London, Cologne, Berlin, Dusseldorf, Frankfurt, Munich, Hamburg, Geneva and Bern. He has appeared as a soloist with major European orchestras, including the Berlin Philharmonic. He has broadcast on Radio Free Europe, the British Broadcasting Company and SFB Berlin television. He has appeared in productions conducted by Nello Santi, Lamberto Gardelli, and Ernst Ansermet.

(MORE)

Kroenlein has played more than 50 major operatic roles. They include Figaro in "The Barber of Seville," Count Almaviva in "The Marriage of Figaro," Papageno in "The Magic Flute," Marcello in "La Boheme," Germont in "La Traviata," and the title role in "Don Giovanni."

Last December Kroenlein appeared with the Bach Society in a Christmas concert at the Tyrone Guthrie Theatre. In February he performed the lead in "The Sorrows of Orpheus" presented by the Center Opera Company. He was the baritone soloist in "Belshazzar's Feast" presented last March by the University departments of music and concerts and lectures and the Union Board of Governors.

The program for Kroenlein's Oct. 16 recital is as follows:

Ah Spietato! from "Amadigi" -----	Handel
Ominous a Storm Upsurgig from "Orlando" -----	Handel
Liebesbotschaft -----	Schubert
Nacht und Traume -----	Schubert
Im Fruhling -----	Schubert
Der Doppelganger -----	Schubert
Der Schiffer -----	Schubert
Vier Ernste Gesange, Opus 121	
1. Denn es gehet	
2. Ich wandte mich	
3. O Tod	
4. Wenn ich mit Menschen -----	Brahms
Charlie Rutlage -----	C. Ives
Memories	
a. Very Pleasant	
b. Rather sad -----	C. Ives
Disclosure -----	C. Ives
Allerseelen -----	R. Strauss
Standchen -----	R. Strauss
Traum durch die Dammerung -----	R. Strauss
Zueignung -----	R. Strauss

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OCTOBER 5, 1967

For further information, contact:  
DORIS FENICK, 373-2126

SYMPHONY VIOLINIST  
TO GIVE CONCERT  
AT 'U' MONDAY

(FOR IMMEDIATE RELEASE)

Violinist Joseph Roche, accompanied by Richard Zgodava at the piano, will appear in concert at the University of Minnesota Monday (Oct. 9).

The program, open free to the public, will be presented at 8:30 p.m. in Coffman Union Gallery. It is sponsored by the Union Board of Governors (UBOG).

Roche, who has been referred to as "one of the Minneapolis Symphony Orchestra's better fiddlers" by a Minneapolis critic, has been a member of the orchestra since 1959. Coming from India in 1953 to attend the New England Conservatory of Music, Roche has studied violin with Alfred Krips, Mischa Mischakoff, Joseph Silverstein and Ivan Galamian, and chamber music with Richard Burgin, William Kroll and Joseph Gingold.

He has just been appointed as a member of the applied music faculty at the University.

Monday night's program will be:

Sonata No. 5, F major, "Spring", op. 24 ----- Beethoven  
Partita No. 3, E major for unaccompanied violin ----- Bach  
Four Preludes ----- Shostakovitch  
Sonata No. 3, C minor, op. 45 ----- Grieg

UNIVERSITY OF MINNESOTA  
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OCTOBER 5, 1967

SAN FRANCISCO  
MIME TROUPE  
TO PERFORM AT 'U'

For further information, contact:  
DORIS FENICK, 373-2126

(FOR IMMEDIATE RELEASE)

"Make Laughs, Not War" could be the theme of the San Francisco Mime Troupe, whose 15th-century commedia dell'arte techniques are applied directly to the current satires that they will display at the University of Minnesota next week (Wednesday, Oct. 11 through Monday, Oct. 16).

The theatrical group, brought to the University by the Arts area of the Coffman Union Board of Governors (UBOG), will present two free demonstrations-lectures at 11:15 a.m. and at 12:15 p.m. Wednesday in Coffman main ballroom, according to Tom Stark, Union program director.

A workshop, subtitled "The Guerrilla Theatre" because of its devastatingly direct attack on current theatrical problems, will be presented at the Firehouse Theatre, 3010 Minnehaha ave., Minneapolis, Stark said. The workshop sessions, to be given at 10 p.m. Thursday and Friday (Oct. 12-13) and at 3 p.m. Saturday (Oct. 14) also are sponsored by UBOG, but will be given at the Firehouse because of better stage accommodations.

Registration for the workshop will be limited to 50 actors, with preference being given to University students. Fee for the course will be \$2. Information and registration forms can be obtained from Stark, Room 229 Coffman Union.

Climaxing the mime group's appearance here will be the presentation of its current West Coast hit, "L'Amant Militaire," at 8 p.m. Monday (Oct. 16) in Coffman main ballroom. There will be a \$1 charge at the door for this event, one of the many cultural programs scheduled as a part of this year's Homecoming Week at the University.

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For further information, contact:  
BETH KENT, 373-5166

CHOIR CONDUCTING WORKSHOP  
TO BEGIN MONDAY  
AT MACPHAIL CENTER

(FOR IMMEDIATE RELEASE)

A workshop on choir conducting, designed particularly for church and school musicians, will be presented this fall by the University of Minnesota General Extension Division.

The course will be held from 7 to 8:30 p.m. on eleven consecutive Monday evenings, beginning Oct. 9. Classes will be taught at MacPhail Center, the downtown Minneapolis branch of the extension division, located at 1128 LaSalle ave.

Two MacPhail Center instructors, Loren and Edna Lund, will teach the course.

The following five subject areas will be discussed: conducting techniques, voice blending, repertory, helps for accompanists, and service and program planning.

Fee for the workshop is \$40. Interested persons may enroll the first evening of classes, or may register by phoning the MacPhail Center at 332-4424.

-U N S-

UNIVERSITY OF MINNESOTA  
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SHORT COURSE IN  
CIVIL LAW OFFERED  
TO LOCAL ATTORNEYS

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

A course of study for attorneys engaged in the trial or appeal of civil cases, "Minnesota Civil Trial and Appellate Practice," will be offered this fall by the University of Minnesota General Extension Division's department of continuing legal education.

The course is presented in cooperation with the Ramsey County Bar Association legal clinics committee.

Classes will be conducted on six consecutive Wednesday evenings, beginning Wednesday (Oct. 11). Sessions will last from 7 to 9 p.m. and will be held at the William Mitchell College of Law, 2100 Summit ave., St. Paul.

Experienced trial and appellate practitioners from St. Paul will conduct the lecture portion of each class, and comments will be made by members of the Supreme Court of Minnesota.

Faculty members for the course are Thomas F. Burns, David C. Donnelly, David W. Nord, James C. Otis, Eugene M. Warlich, Robert J. Sheran, Frank J. Hammond, Walter F. Rogosheske, Donald M. Jardine and Leonard J. Keyes.

The course will be divided into two sections. Part one will offer a review of the significant aspects of civil trial practice and will include the following subjects: discovery; motions, jury selection and opening statements; and evidentiary problems. Part two will be a guide to the requirements and pitfalls of appellate practice and will include consideration of what, when and how to appeal; preparation of briefs; and oral argument and petition for rehearing.

Tuition is \$30 if received on or before Tuesday (Oct. 10) and \$35 if received after that date. The fee includes detailed outline materials prepared by the lecturers for the course.

To register, contact Continuing Legal Education, 338 Nolte Center for Continuing Education, University of Minnesota, Minneapolis, Minn., 55455.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 6, 1967

For further information, contact:  
GLENN ICKLER, 373-2126

GEOLOGIC MAP  
OF COPPER-NICKEL  
AREA AVAILABLE

(FOR IMMEDIATE RELEASE)

The Minnesota Geological Survey has released a geologic map of a portion of the economically important copper-nickel area in north-eastern Minnesota.

The map covers a part of the Kangas Bay quadrangle in St. Louis and Lake counties, showing a portion of the area along the South Kawishiwi river and Birch lake now being explored for commercial copper-nickel deposits.

The map and explanation were done by W. C. Phinney, associate professor of geology and geophysics.

Copies can be obtained from the Minnesota Geological Survey, University of Minnesota, Minneapolis 55455, at a cost of 50 cents each, or can be seen in open files in the Survey office in Pillsbury hall.

-U N S-

UNIVERSITY OF MINNESOTA  
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TELEPHONE: 373-2126  
OCTOBER 6, 1967

LIST OF UNIVERSITY OF MINNESOTA, MINNEAPOLIS CAMPUS, PUBLIC EVENTS  
WEEK OF OCT. 7-14

- Sat., Oct. 7 --Annual observance of Legislators', Editors' and Broadcasters' Day: 48 departmental exhibits, luncheon, Williams Arena, 10:30 a.m.-1 p.m.; football game, Minnesota vs. Southern Methodist, 1:30 p.m., Memorial stadium. Tickets. Exhibits open to public after game until 5:30 p.m. Free.
- Sat., Oct. 7 --Special convocation: Robert Vaughan, star of "The Man From U.N.C.L.E." TV series, will speak on political topic, 8:30 p.m., Northrop auditorium. Free.
- Sun., Oct. 8 --Religious Discussion: "The Reformation and Vatican II," Robert Bertram, professor of theology, Concordia Seminary, St. Louis, Mo., speaks on "Did Vatican II Meet the Demands of the Reformation?" and Thomas Tentler, history department, University of Michigan, speaks on "Vatican II, the Reformation, and the Forgiveness of Sins;" 8 p.m., Coffman Union main ballroom. Free.
- Sun., Oct. 8 --University Gallery: "Recent Acquisitions through the Nordfeldt Fund" and opening Wednesday of two new shows---"Prints from the Mourlot Press" and "Pottery by John Stewart Swift, Jr.;" gallery open 2-5 p.m. Sundays; 8 a.m.-4 p.m., weekdays. Northrop auditorium. Free.
- Mon., Oct. 9 --Coffman Union Chamber Concert series: Joseph Roche, Minneapolis Symphony Orchestra violinist, Richard Zgodava, pianist; 8:30 p.m., Coffman gallery. Free.
- Mon., Oct. 9 --Coffman Union Gallery: Opening, "Photographs by Ilyana Garmisa;" gallery hours, 9 a.m.-8 p.m. weekdays. Free.
- Tues., Oct. 10 -Convocation: Pearl Buck, author, speaks on "A Morning with Pearl Buck," 11:15 a.m., Northrop auditorium. Free.
- Tues., Oct. 10 -Special concert-demonstration, "Up With People;" 2 shows, 11 a.m. and 12 noon, steps in front of Coffman Union. Free.
- Tues., Oct. 10 -Jazz Series: "Exploration in Jazz;" today's topic: "Improvisation in Jazz;" 1:15 p.m. Coffman Union main ballroom. Series tickets.
- Wed., Oct. 11 --The San Francisco Mime Troupe: two lecture-demonstrations by commedia dell'arte group whose satires are subtitled, "Make Laughs, Not War;" 11:15 a.m. and 12:15 p.m., Coffman Union main ballroom. Free.
- Thurs., Oct. 12-Columbus Day holiday---No classes.
- Thurs., Oct. 12-San Francisco Mime Troupe: Guerrilla Theatre workshop, limited to 50 actors; held in Firehouse Theatre, 3010 Minnehaha ave. \$2 registration fee for three sessions. 10 p.m. Thursday and Friday, 3 p.m. Saturday. Registration, Room 229, Coffman Union.
- Fri., Oct. 13 --University Film Society: "Sawdust and Tinsel" (Sweden, 1953) directed by Ingar Bergman; 7:30 and 9:30 p.m., Bell Museum auditorium. Tickets.
- Sat., Oct. 14 --University Young People's Theatre: Two performances of "Androcles and the Lion," 3:30 p.m. Saturday and Sunday, Scott Hall auditorium. Tickets.



'U' ASTROPHYSICIST OPERATES  
NATION'S MOST SENSITIVE  
GAMMA RAY TELESCOPE

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 6, 1967

For further information, contact:  
JEFF CARRUTHERS, 373-2126

(FOR IMMEDIATE RELEASE)

A University of Minnesota physics professor has probably the most sensitive gamma ray telescope in the country.

Yet even when the telescope is suspended on the very edge of space below a high-altitude balloon, it sees very little, if anything, of the stars it is looking at.

C. J. Waddington, associate professor of physics, is hopeful that a recent flight could mean the first definite "seeing" of gamma rays from a celestial body. If his telescope does detect these high-energy photons coming from an unusual star or the Crab Nebula, for example, it means that high-energy nuclear processes are going on in that region of the sky.

Astrophysicists like Waddington are interested in explaining the processes within stars and remnants of stars (nebulas). The ultimate goal is a theory to explain the universe and all that's in it.

On a clear night, countless stars and nebulas are visible with a simple telescope. But our eyes only see a small portion (both in quantity and type) of the energy radiated by these galaxial inhabitants.

To see gamma rays, radio waves, or even infra-red light, special detectors are necessary.

Gamma rays are similar to x-rays but are shorter in wavelength and more energetic.

"Certain astrophysical theories suggest that some (celestial) sources should emit gamma rays," according to Waddington.

(MORE)

"Gamma rays from stars might be produced by the annihilation of matter with anti-matter," he added. Anti-matter is the nuclear opposite of matter as we know it. It is made up of basic building blocks, like electrons and protons, which have similar sizes and functions but opposite charges. When matter collides with anti-matter, both are destroyed and large amounts of energy are produced.

"Gamma rays coming from a star or nebula are more likely to indicate the presence of high-energy cosmic particles," Waddington said.

The 600-pound gamma ray telescope, built with National Aeronautics and Space Administration (NASA) funds, has turned its eye to space three times. The most successful flight took place high over Texas last June. The data from this observation will take about six months to analyze.

A previous flight, in October, was only a partial success, due to an electrical failure which resulted in a 90 per cent loss of sensitivity. In addition to a first unsuccessful flight, one telescope did not even get off the ground. It was run over by the 50-ton launching vehicle.

The telescope is unlike an optical or radio telescope. A gamma ray coming from the viewed area of the sky strikes first a particle detector, where it changes into a pair of electrons. These electrons then proceed through a series of spark chambers which track their paths with sparks. These sparks, recorded on film, are used to plot the original path of the gamma ray and thus locate its source in the sky. Scintillation counters in the spark complex and a gas cherenkov counter (which records only high-speed particles) at the bottom fire the spark chambers.

A shield around the telescope detector prevents charged particles from entering and masking the presence of the rare gamma rays.

The telescope is sensitive enough to spot a source that has 30 of its gamma rays strike one square centimeter of area on the earth every year. "If every couple of weeks one gamma ray hits the top of the atmosphere (a one-square-centimeter area again), we will see it," Waddington said.

At that rate, there aren't many of these gamma rays to be seen during a flight. An astronaut at the edge of space would be struck on the head by about three gamma rays per day from such a source.

High altitude balloons, launched from Texas, lift the telescope as far out of the atmosphere as possible to reduce the number of encounters with gamma rays produced in the air by the collision of other particles.

Waddington said that the only way to make a more sensitive telescope is to free it from the atmosphere altogether. "We are about at the limit of sensitivity now. Determining the distribution of energies from a gamma ray source (the next logical step) is very unlikely with balloons. Satellites would be necessary," he said.

The telescope assembly hanging under the balloon is stabilized by a magnetometer system for coverage of a specific area of the sky. The magnetometer locks the telescope at a specified angle and direction compared to the earth's constant magnetic field. The machine senses variations of the field due to movement of the balloon and commands repositioning corrections.

Waddington, who is working jointly on this project with Professor Joseph Klarmann of Washington University, has made another joint proposal to participate in the NASA satellite Apollo program. He doesn't think that any more balloon flights will be necessary.

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OCTOBER 9, 1967

UNIVERSITY HOMECOMING  
EVENTS SET FOR OCT. 16-21

For further information, contact:  
DORIS FENICK, 373-2126

(FOR IMMEDIATE RELEASE)

Minneapolis---University of Minnesota alumni and students will join forces the week of Oct. 16-21 to celebrate Homecoming, 1967, at the University.

In addition to the traditional Homecoming events---house decorations, parade, clowns and queen contestants---the committee this year is emphasizing the cultural and educational opportunities provided in the week-long program, according to Mark Clein, 1967 Homecoming committee chairman.

"Our Homecoming Faculty Lecture Series---a solid hit last year, the student art fair, the men's and women's alumni luncheons, and the appearance of the San Francisco Mime Troupe all are new planning in this field," Clein said.

Michigan State, the Gophers' opponent for the football game Saturday, Oct. 21, has indirectly supplied this year's Homecoming slogan---"Knock 'em on their Duffy." (The M.S.U. team is coached by Duffy Daugherty.)

Highlights of the week's program include the San Francisco Mime Troupe's presentation of its current West Coast hit, "L'Amant Militaire," at 8 p.m. Monday (Oct. 16) in Coffman Union main ballroom; the daily faculty lectures; the student art fair from 10 a.m. to 6 p.m. Wednesday, Oct. 18 in Coffman Union main ballroom; the concert by The Pair Extraordinaire and the Homecoming Queen coronation at 8 p.m. Thursday, Oct. 19, in Northrop auditorium; the afternoon parade and pep fest through the Minneapolis campus and on the Mall in front of Northrop on Friday, Oct. 20; the annual Homecoming game at 1:30 p.m. Saturday, Oct. 21 in Memorial stadium; and the Homecoming dance in Coffman Union Saturday evening.

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For further information, contact:  
DORIS FENICK, 373-2126

JAMES SHERMAN NAMED  
ASSISTANT DIRECTOR  
OF 'U' STUDENT HOUSING

(FOR IMMEDIATE RELEASE)

James R. Sherman has been named assistant director of the University of Minnesota Student Housing Bureau and assistant professor of educational psychology.

Recipient of the bachelor of arts (B.A.) and the master of personnel Service (M.P.S.) degrees from the University of Colorado, Boulder, Colo., Sherman has just received the doctor of philosophy (Ph.D.) degree from Colorado State College, Greeley, Colo.

Mr. and Mrs. Sherman and their three sons live at 516 Westwood dr., Golden Valley.

-U N S-

UNIVERSITY OF MINNESOTA  
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UNIVERSITY ENGINEER  
DESCRIBES WATER POLLUTION  
CONTROL RESEARCH

For further information, contact:  
GLENN ICKLER, 373-2126

(FOR RELEASE AT 10 A.M. TUESDAY, OCT. 10)

A University of Minnesota engineer described his efforts to find better ways of preventing water pollution today at the 40th annual conference of the Water Pollution Control Federation in New York.

Walter J. Maier, assistant professor of civil engineering, presented a paper entitled "Model Study of Colloid Removal," describing his investigation of the physical and biological factors which control removal of organic colloidal matter from waste water.

Maier is using laboratory models to study the two commonly-used waste treatment systems (activated sludge and trickling filter). His study is aimed at improving the processes and finding new ways to design water purification systems.

The research has shown that the efficiency of the film flow involved in the trickling filter method could be improved by forcing more of the waste-carrying solution to come into contact with the purifying bacteria.

In the trickling filter system (which is the type used by the municipality of Anoka), the bacteria are on a fixed bed in a tank full of crushed stone. The sewage is trickled over the stones.

The film flow is simulated in Maier's laboratory by use of a simple model consisting of a flat surface covered with a gelatinous, bacteria-bearing slime layer. A colloidal mixture of water and starch is allowed to flow over the slime surface and the rate of starch removal is measured. This measurement can be done either by testing the treated mixture with iodine to see if any starch remains or by using a new instrument which measures the total amount of carbon in solution.

(MORE)

Maier said results show that the rate of purification in the film flow system is limited by the rate of mass transfer (interaction between the test mixture and slime layer). The efficiency of the system depends upon how much of the colloidal mixture is brought into contact with the bacteria in the slime layer.

He noted that nearly tripling the thickness of the slime layer did not increase the rate of removal, indicating that most of the reaction takes place on the surface.

The flow velocity approaches zero where the liquid film and the slime layer meet, Maier said. This creates a nearly stagnant layer of the colloidal mixture, through which the waste material passes by diffusion. This diffusion process is extremely slow.

"The limitations imposed by mass transfer are most pronounced at low colloid concentrations," Maier said. "This suggests that mass transfer can be a critical factor in the design of waste water treatment facilities aimed at a high degree of removal of nutrients."

Maier also pointed out that purification has different meanings to different people. In his model experiments, for example, the iodine test will show that the starch molecules have been broken up, indicating that the water is pure. The carbon test will show, however, that some of the carbon atoms which were in the starch molecules are still in the water.

"Removal of waste material can be measured in many ways, but ultimately we're concerned with complete removal," Maier said. "Complete removal is a much slower process than just degradation of a substance into something else."

GOVERNMENT INVESTMENT  
EXPERT FEATURED SPEAKER  
AT UNIVERSITY SEMINAR

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 10, 1967

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

Herbert Roback, who has a 20-year record of service to the U. S. government and a background in the area of government investments, will be the guest speaker at the Sixth Annual Seminar on Government Contracts, to be held Oct. 19-20 in the Holiday Inn Central in Minneapolis.

The seminar is presented by the University of Minnesota Law School and General Extension Division department of conferences and institutes.

Roback, staff administrator of the military operations subcommittee of the Committee on Government Operations, U. S. House of Representatives, will discuss "A Congressional View of Government Procurement" following a seminar dinner on Oct. 19.

The public is invited to attend the dinner and speech, and may make reservations by contacting the department of conferences and institutes, telephone 373-3151, before Wednesday, Oct. 18. Cost of the event is \$5.

The two-day seminar is designed for attorneys, comptrollers or cost specialists, both in government and private industry, who are involved in work with government contracts.

Topics to be covered during the program include "A Common Sense Approach to Industrial Security," "Warranties and the Uniform Commercial Code" and "Equitable Adjustment and Cost Recovery."

Registration fee for the seminar, which includes two luncheons and the Oct. 19 dinner, is \$40.



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CLASSROOM LECTURES  
BEGIN NEXT MONDAY  
OVER RADIO KUOM

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

"Communication in the Modern World," the University of Minnesota radio station fall classroom lecture series, will be broadcast over KUOM each Monday and Wednesday during the quarter at 11 a.m., beginning Monday (Oct. 16).

KUOM (770 kc) is an educational service of the University's General Extension Division.

The lecture series will be conducted by two members of the University faculty, Donald K. Smith, professor of speech, communication and theatre arts and associate vice president for academic administration, and David H. Smith, assistant professor of speech, communication and theatre arts.

The two men will describe the structure of inter-personal communications; factors influencing the occurrence, form and effect of communications; and the relationship of communication forms to social structure.

Radio listeners may request a reading and study guide which is offered free of charge as a supplement to the classroom lecture broadcasts. Requests should be directed to Classroom Lecture, Eddy Hall, University of Minnesota, Minneapolis, Minn., 55455; telephone 373-3177.

A documentary series entitled "Meet Mr. Emerson" will be broadcast during fall quarter on five Fridays at 11 a.m. The program---excerpts from the journals, lectures and essays of Ralph Waldo Emerson---begins Friday (Oct. 13).

Titles of the five programs are:

Oct. 13---"Thumbing Through"  
Oct. 20---"The Call of Worth"  
Oct. 27---"Between the Poles"  
Nov. 3 ---"The Dialogue"  
Nov. 10---"The Anthem of History"

Beginning on Friday, Nov. 17, at 11 a.m., KUOM will present a selection of lectures drawn from the fall programs of the department of special courses of the University's General Extension Division.

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UNIVERSITY OF MINNESOTA NEWS NOTES

(FOR IMMEDIATE RELEASE)

PRESIDENT MOOS  
ATTENDING MEETINGS  
IN WASHINGTON

Malcolm Moos, president of the University of Minnesota, is in Washington, D.C., this week to meet with two separate groups.

Moos met today and is meeting Wednesday with the Commission on Political Activity for Government Employees, which has been charged with reexamining the Hatch Act which forbids governmental employes to participate in political party activities. He was appointed to the commission by Vice President Hubert Humphrey.

The University president also is meeting with the American Council on Education, a federation of national and regional education associations, colleges and universities, state education departments, school systems and public libraries. The council serves as a clearinghouse for the exchange of information and opinion.

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C. W. LILLEHEI  
RECEIVES AWARD

Dr. C. Walton Lillehei, professor of surgery at the University of Minnesota, has received an Honor Award Medallion from the Stevens Institute of Technology, Hoboken, N. J. Dr. Lillehei accepted the award, Oct. 6, at a dinner in Hoboken.

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BUSINESS PROFESSOR  
ELECTED HEAD  
OF CREDIT UNION

C. Arthur Williams, professor and chairman of finance and insurance in the University of Minnesota School of Business Administration, has been elected president of the State Capitol Credit Union.

He succeeds Stafford King, state auditor. Williams served as president of the American Risk and Insurance Association in 1965-66.

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UNIVERSITY FACULTY MEMBERS  
TO BE FEATURED IN ANNUAL  
HOMECOMING LECTURE SERIES

For further information, contact:  
DORIS FENICK, 373-2126

(FOR IMMEDIATE RELEASE)

Topics from astronomy to economics will be discussed by University of Minnesota faculty members in the second annual Homecoming Faculty Lecture series next Monday through Friday (Oct. 16-20).

Six members of the University faculty will deliver free public talks on subjects of general interest in their individual fields during Homecoming, 1967, week, according to David Estrin, educational and cultural chairman for this year's Homecoming committee.

The series program:

- Mon., Oct. 16---"A Look at Politics---1968;" Assistant Professor Eugene Eidenberg, political science; 10 a.m., Murphy auditorium.
- Tues., Oct. 17---"Chemical Adventures of the Mind---At What Cost?" Professor Amedeo Marrazzi, pharmacology; 10 a.m., Murphy auditorium.
- Tues., Oct. 17---"Student Power: A Faculty Viewpoint;" Assistant Professor Richard Blue, political science; 1 p.m., Murphy auditorium.
- Wed., Oct. 18---"The War on Poverty in Perspective;" Thomas Walz, lecturer, social work; 1 p.m., Murphy auditorium.
- Thurs., Oct. 19---"The Economic Impact of Vietnam---What Next?" Professor Walter Heller, economics; 12 noon, Coffman Union main ballroom.
- Fri., Oct. 20---"Through Time and Space;" Associate Professor Karlis Kaufmanis, astronomy; 11 a.m., Coffman Union main ballroom.

UNIVERSITY OF MINNESOTA  
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For further information, contact:  
JUDY VICK, 373-2126

DR. JAMES GODDARD,  
FOOD, DRUG COMMISSIONER,  
TO SPEAK AT 'U'

(FOR IMMEDIATE RELEASE)

Dr. James L. Goddard, commissioner of the Food and Drug Administration, U. S. Public Health Service, will speak in Murphy hall, University of Minnesota, at 2:30 p.m. Tuesday (Oct. 17).

"The Ante-Facto Decision" is the topic of Dr. Goddard's talk, which is free and open to the public.

Dr. Goddard will deliver the third annual Alan K. Ruvelson lecture on the relationships of business and government. This year the lecture is sponsored by the Graduate School of Business Administration, the College of Medical Sciences and the Law School.

Dr. Goddard was appointed food and drug commissioner Jan. 17, 1966. The commissioner is in charge of enforcement of the federal food, drug and cosmetic act and related statutes. He has been a member of the U.S. Public Health Service staff since 1951.

Immediately prior to his present appointment, Dr. Goddard was chief of the Communicable Disease Center in Atlanta, Ga. He was first appointed to the health service as medical officer in charge of the federal employee health service, Denver Federal Service, Denver, Colo. He was graduated from George Washington University School of Medicine in 1949. He received his master of public health degree from the Harvard School of Public Health in 1955.

Dr. Goddard is married and has three children.

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UNIVERSITY OF MINNESOTA LECTURE SHORTS

(FOR IMMEDIATE RELEASE)

FRENCH HEMATOLOGIST  
TO SPEAK SATURDAY

Dr. Marcel Bessis, director of the Institute of Cellular Pathology, Bicetre, France, will speak at 9:30 a.m. Saturday (Oct. 14) in Mayo auditorium, University of Minnesota. He is a hematologist and a pioneer in the use of lasers in biology and medicine.

The lecture, free and open to the public, is sponsored by the University department of laboratory medicine, the periodicity analysis laboratories of the department of pathology and the department of concerts and lectures. The topic will be "Effect of Laser on Living Cells---First Results, Technics and Problems."

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BRAIN FUNCTION  
TO BE LECTURE TOPIC

"Brain Function, Memory and RNA" will be discussed at the University of Minnesota Monday (Oct. 16) by a University of North Carolina professor of bio-chemistry and genetics. Professor Edward Glassman will speak at 8 p.m. in room 313 of the Zoology building on the Minneapolis campus. The lecture, open free to the public, will be sponsored by the Colleges of Biological Sciences and Liberal Arts.

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ART HISTORIAN  
TO SPEAK AT 'U'

Pierre Courthion, French art historian and author, will lecture in room 25, Architecture building, University of Minnesota, at 3:30 p.m. Wednesday (Oct. 18).

"Le Genie De Nicolas Poussin" is the title of the lecture which will be delivered in the French language. It is free and open to the public. Sponsors are the departments of art history, romance languages and concerts and lectures.

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GENERAL PRACTICE INSTITUTE  
OFFERED TO ATTORNEYS,  
RECENT LAW SCHOOL GRADS

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

The department of continuing legal education of the University of Minnesota General Extension Division and the Minnesota State Bar Association will hold a General Practice Institute next Wednesday and Thursday (Oct. 18 and 19).

Sessions will be held in the Spanish room of the Lowry Hotel, 339 Wabasha st., St. Paul. Late registration will be held from 8:30 to 9:30 a.m. on Wednesday.

The course, presented in cooperation with the Young Lawyer's Section of the state bar, is designed to provide both the recent law school graduate and the experienced attorney with an opportunity to review practical aspects of seven legal subjects.

Speakers the first day will be Roger P. Brosnahan, of Murphy, Streater & Brosnahan of Winona, who will discuss "Domestic Relations;" Murray L. Galinson, of Mullin, Swirnoff & Galinson of Minneapolis, "Defending a Criminal Case in Minnesota;" Ralph L. Strangis, of Maslon, Kaplan, Edelman, Joseph & Borman of Minneapolis, "Organizing and Operating Corporations;" and Robert W. Boyd, of Bruess & Boyd of Duluth, "Real Estate."

Speakers the second day of the program will be Timothy J. Halloran, of Doherty, Rumble & Butler, St. Paul, "Wills and Probate Administration;" Lawrence Zelle, of Robins, Davis & Lyons, Minneapolis, "Preparing the Negligence Case;" and Richard C. Hefte, of Rufer, Blatti, Hefte & Pemberton, Fergus Falls, "Workman's Compensation."

Hefte's speech will be delivered from 7 to 9 p.m. on Oct. 19, instead of the morning of the 20th, as previously scheduled.

Tuition for the course is \$25 for lawyers admitted to the Minnesota state bar in 1967, and \$35 for those admitted prior to 1967. The fee includes coffee breaks and a newly-revised, 300-page General Practice Institute Manual.

To register, contact Continuing Legal Education, 338 Nolte Center for Continuing Education, University of Minnesota, Minneapolis, Minn., 55455.

UNIVERSITY OF MINNESOTA  
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For further information, contact:  
BETH KENT, 373-5166

UNIVERSITY ADDS  
NEW POSITION IN  
PUBLIC ADMINISTRATION

(FOR IMMEDIATE RELEASE)

The appointment of C. Raymond Calhoun to a newly created position at the University of Minnesota as director of continuing education for public administration was announced today by University General Extension Division Dean Willard L. Thompson.

Calhoun, a recently retired captain in the U. S. Navy, holds a joint appointment between the General Extension Division and the University's Public Administration Center, directed by Professor George Warp.

His primary duty will be to administer special projects in the area of public administration under Title I of the Higher Education Act. His first assignment will be with a joint State of Minnesota and University program to aid in the development of managerial and administrative skills of state officials and employees.

For the past two years Calhoun has been director of research at the National War College, the nation's highest-level school for the education of selected military and state department officers, located in Washington, D. C.

During his first year at the college Calhoun participated in a seven-month project which examined the curriculum and educational methodology of the school. The second year the changes he recommended were approved and implemented.

(MORE)

Calhoun graduated from the National War College in 1960, specializing in international relations and defense management. He received his bachelor of science degree in electrical engineering in 1938 from the U.S. Naval Academy in Annapolis, Md.

His Navy record since 1938 includes duty aboard several U.S. destroyers. From October, 1957, to June, 1959, he served as chief of staff of the Destroyer Flotilla Four, and during that time conceived and developed a program for locating and recovering the first Mercury space capsule.

In 1962, during the Cuban missile crisis, Calhoun served in the Atlantic fleet aboard the U.S.S. Vesole. His assignment at that time as Commander Destroyer Squadron Six was to intercept Soviet merchant men and to count the outbound missiles aboard their ships.

From 1962-65 he served with the naval forces in London, first as assistant chief of staff for operations and from 1964-65 as deputy chief of staff.

Calhoun and his wife, the former Virginia Elizabeth Taylor of Winston Salem, N. C., have one daughter, Susan, a senior at Mt. Vernon Junior College, Washington, D. C.



UNIVERSITY OF MINNESOTA  
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TELEPHONE: 373-2126  
OCTOBER 13, 1967

LIST OF UNIVERSITY OF MINNESOTA, MINNEAPOLIS CAMPUS, PUBLIC EVENTS  
WEEK OF OCT. 14-21

- Sat. -- Oct. 14 -- San Francisco Mime Troupe-Guerrilla Theatre; theatre workshop, Firehouse Theatre, 3010 Minnehaha ave., 3 p.m. Admission.
- Sat. -- Oct. 14 -- Special lecture: Dr. Marcel Bessis, director, Institute of Cellular Pathology, Bicetre, France, speaks on "Effect of Laser on Living Cells---First Results, Technics and Problems;" 9:30 a.m., Mayo auditorium. Free.
- Sun. -- Oct. 15 -- University Gallery: Three shows---"Recent Acquisitions through the Nordfeldt Fund," "Prints from the Mourlot Press" and "Pottery by John Stewart Swift, Jr.;" third floor, Northrop auditorium. Gallery open 2-5 p.m. Sundays, 8 a.m.-4 p.m., weekdays. Free.
- Sun. -- Oct. 15 -- Coffman Union Gallery: "Photographs by Ilyana Garmisa;" gallery hours, 12 noon-8 p.m. Sundays; 9 a.m.-8 p.m. weekdays and Saturdays. Free.
- Mon. -- Oct. 16 -- University Homecoming Week: Faculty Lecture Series---Eugene Eidenberg, political science assistant professor, speaks on "A Look at Politics---1968," 10 a.m., Murphy auditorium. Free.
- Mon. -- Oct. 16 -- Special lecture: "Brain Function, Memory and RNA" will be discussed by Professor Edward Glassman, University of North Carolina University biochemist and geneticist; 8 p.m., Room 313 Zoology. Free.
- Mon. -- Oct. 16 -- Recital: George Kroenlein, Swiss baritone; 8 p.m., Scott auditorium. Free.
- Mon. -- Oct. 16 -- Homecoming Event: San Francisco Mime Troupe presents "L'Amant Militaire," 8 p.m., Coffman Union main ballroom. Tickets, \$1 at door.
- Tues. - Oct. 17 -- Homecoming Faculty Lecture Series: Professor Amedeo Marrazzi, pharmacology, speaks on "Chemical Adventures of the Mind---At What Cost?" 10 a.m., Murphy auditorium. Free.
- Tues. - Oct. 17 -- Homecoming Faculty Lecture Series: Richard Blue, assistant professor, political science, speaks on "Student Power: A Faculty Viewpoint;" 1 p.m., Murphy auditorium. Free.
- Tues. - Oct. 17 -- Special lecture: Dr. James L. Goddard, commissioner of the Food and Drug Administration, U. S. Public Health Service, will speak on "The Ante-Facto Decision," 2:30 p.m., Murphy auditorium. Free.
- Tues. - Oct. 17 -- "Exploration in Jazz" series: This week's topic, "Harmony in Jazz," 1:15 p.m., Coffman Union main ballroom. Tickets.

(MORE)

CALENDAR

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- Wed. -- Oct. 18 -- Homecoming Faculty Lecture Series: Thomas Walz, lecturer, social work, speaks on "The War on Poverty in Perspective," 1 p.m., Murphy auditorium. Free.
- Wed. -- Oct. 18 -- Homecoming Event: Student Art Fair; 10 a.m.-6 p.m., Coffman Union main ballroom. Exhibit and sale of student work. Free.
- Wed. -- Oct. 18 -- Special lecture: Pierre Courthion, French art historian and author, will speak on "Le Genie de Nicholas Poussin," 3:30 p.m., Room 25, Architecture. The speech will be delivered in French. Free.
- Thurs.- Oct. 19 -- Homecoming Faculty Lecture Series: Professor Walter Heller, economics, speaks on "The Economic Impact of Vietnam---What Next?" 12 noon, Coffman Union main ballroom. Free.
- Thurs.- Oct. 19 -- Distinguished Military Student award ceremony; Army ROTC, 9:30 a.m., in front of Armory. Free.
- Thurs.- Oct. 19 -- Homecoming Event: Concert by The Pair Extraordinaire and coronation of the 1967 Homecoming Queen, 8 p.m., Northrop auditorium. Homecoming button for admission.
- Fri. -- Oct. 20 -- Homecoming Faculty Lecture Series: Karlis Kaufmanis, associate professor, astronomy, speaks on "Through Time and Space," 11 a.m., Murphy auditorium. Free.
- Fri. -- Oct. 20 -- Homecoming Lecture Series: Jim Klobuchar, Minneapolis Star columnist, speaks on "How to Be a Newspaper Columnist---And Survive;" 12 noon, Coffman Union main ballroom. Free.
- Fri. -- Oct. 20 -- University Film Society: "Our Hospitality" (U.S.A., 1926); 7:30 and 9:30 p.m., Bell Museum auditorium. Tickets.
- Fri. -- Oct. 20 -- Homecoming Event: Parade and Pep Fest; parade starts at 1:15, route through Minneapolis campus only; Pep Fest, 2 p.m., steps of Northrop. Free.
- Sat. -- Oct. 21 -- Homecoming football game: Minnesota vs. Michigan State University; 1:30 p.m., Memorial stadium. Tickets.
- Sat. -- Oct. 21 -- Homecoming Dance: Concert by Mitchell Trio, main ballroom; eight dance bands in rooms throughout Coffman Union; 9 p.m.-1 a.m. Tickets.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 16, 1967

For further information, contact:  
JUDY VICK, 373-2126

SOCIAL WORK AUTHORITY  
TO RECEIVE AWARD  
TUESDAY AT 'U'

(FOR IMMEDIATE RELEASE)

Professor Helen Harris Perlman of the University of Chicago, a recognized authority on social casework, will receive the University of Minnesota Outstanding Achievement Award Tuesday (Oct. 17) at 7 p.m. in the Campus Club, Coffman Union, University of Minnesota.

The award will be presented at the third annual meeting of the University School of Social Work Alumni Association. This meeting marks the first event in the 50th anniversary celebration of the School of Social Work, according to John C. Kidneigh, director of the school. In the year 1917-18, the Training Course for Social and Civic Work (later renamed the School of Social Work) got under way at the University, with the first master's degree awarded in June, 1918.

"Changing Perspectives in Social Casework: A Personal View---1927-1967" will be the topic of Professor Perlman's speech at the meeting.

Professor Perlman, who is primarily responsible for the development of the problem-solving process in social casework, received her bachelor's degree, cum laude, Phi Beta Kappa, from the University of Minnesota in 1926. She received a Certificate of Graduation from the New York School of Social Work and a master's degree from Columbia University. She has been a member of the University of Chicago School of Social Service Administration faculty since 1945.

(MORE)

She has been a lecturer and field instructor in child guidance and school social work for New York School of Social Work; administrator and supervisor of family and child care services, agency office of Jewish Family Service in New York; psychiatric liason-work between the Jewish Social Service Bureau of Chicago and Chicago's psychiatric hospitals and clinics; and casework practitioner and supervisor, family and child welfare services, Jewish Social Service Bureau, Chicago.

"Professor Perlman is one of the most outstanding casework theoreticians that has ever crossed the American scene," said Kidneigh.

"We are particularly pleased to honor her at the time of our 50th anniversary."

Professor Perlman is the author of "Social Casework: A Problem-solving Process" published by the University of Chicago Press in 1957 and translated into several foreign languages, and "So You Want To Be a Social Worker" published by Harper and Row in 1962. She has published more than 50 professional articles, several short stories and poems.

The major event of the School of Social Work's 50th-anniversary celebration will be a national conference in January, the Annual Program Meeting of the Council on Social Work Education.

The Council is a national organization made up of schools of social work and various social-welfare agencies, concerned with the education of qualified social-work personnel. It serves as the accrediting agency for graduate schools of social work, aids in curriculum development at these schools, helps new schools get under way, gives guidance to undergraduate courses and programs in social welfare, and in general works toward increasing the supply and improving the quality of social workers.

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'U' FALL QUARTER  
ENROLLMENT UP;  
TOTAL IS 46,088

For further information, contact:  
NANCY PIRSIG, 373-2126

(FOR IMMEDIATE RELEASE)

Enrollment at the University of Minnesota for the fall quarter 1967 has increased over fall quarter 1966 by 2,091 or 4.7 per cent, for a total enrollment of 46,088. All campuses show an increase.

The Twin Cities campus has 39,834 students enrolled in regular, daytime classes. At the Duluth campus, the figure is 4,837 undergraduates, plus 80 graduate students. Morris enrollment is 1,107; and the University's Technical Institute at Crookston, now in its second year, has 310 students as compared with 184 a year ago.

The 2,091 total increase includes 321 more students enrolled in the Graduate School than there were a year ago.

There are 333 fewer freshman attending classes this fall than there were last year. "A decrease of about 400 was expected," according to R. E. Summers, dean of admissions and records. New students other than freshmen, entering the University for the first time, increased by 318.

Largest gain in numbers occurred in the College of Liberal Arts, which has 16,186 students enrolled, just 1,000 more than a year ago.

Enrollment totals by college are listed below.

COLLEGE	TOTAL	COLLEGE	TOTAL
General College	3,717	School of Nursing	322
University College	40	Public Health	153
Liberal Arts	16,186	School of Dentistry	404
Institute of Technology	3,423	Dental Hygiene	93
Ag., Forestry & Home Ec.	2,505	College of Pharmacy	294
Law School	595	Education	2,724
*Medical School	603	Business Administration	798
Medical Technology	138	Graduate School	7,437
Occupational Therapy	46	Veterinary Medicine	229
Physical Therapy	78	Biological Sciences	49

\* In addition to the above figures for the Medical School there are also 25 regularly enrolled medical students having a scheduled vacation quarter.

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For further information, contact:  
DORIS FENICK, 373-2126

17 'U' STUDENTS  
TO BE HONORED  
BY ARMY R.O.T.C.

(FOR IMMEDIATE RELEASE)

Minneapolis---Seventeen University of Minnesota students, cadets in the Army R.O.T.C. program, will be named Distinguished Military Students (DMS) for the academic year 1967-68 in ceremonies at the University on Thursday (Oct. 19).

Colonel William D. Beard, USA, professor of military science at the University and commanding officer of the Army R.O.T.C. unit, will preside over the ceremonies at 9:30 a.m. on the lawn in front of the Armory.

Miss Carol Johnson, 1868 Portland, St. Paul, Army R.O.T.C. Queen this year, will assist Col. Beard in the presentations.

Students chosen for this award must possess outstanding qualifications of leadership, high moral character and definite aptitude for military service, Col. Beard said. They also must be in the upper half of their class and have demonstrated leadership ability through their achievements in campus activities and at summer camp.

Named as recipients of this award are:

From Minneapolis: Cadet Major Kirby L. Smith, pre-theology senior, son of Mr. and Mrs. George I. Smith, 3232 France ave. N.; Cadet Captain Kenneth J. Tyler, civil engineering senior, son of Mr. and Mrs. Harry C. Tyler, Jr., 4901 Frontenac; Cadet First Lieutenant Richard J. Digatono, psychology senior, son of Mr. and Mrs. L. Richard Digatono, 4040 Lakeside ave. N.; and Cadet First Lieutenant Thomas P. Costello, journalism senior, son of Mr. and Mrs. Phil T. Costello, 5205 James ave. S.

(MORE)

DMS AWARDS

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From St. Paul: Cadet Colonel Herbert P. Linder, economics senior, son of Mr. and Mrs. Peter J. Linder, 250 W. Wheelock; and Cadet First Lieutenant James A. Davies, education senior, son of Mr. and Mrs. Rodney A. Davies, 1539 Goodrich ave.

From Twin Cities suburbs: Cadet Captain Michael J. Shaughnessy, psychology senior, son of Mr. and Mrs. Donald F. Shaughnessy, 3525 Halifax N., Robbinsdale; Cadet Captain Patrick M. Doyle, psychology senior, son of Mrs. Agnes J. Doyle, 3213 Blackstone, St. Louis Park; Cadet First Lieutenant Greg F. Strobl, business administration senior, son of Mr. and Mrs. Fred J. Strobl, Wayzata; Cadet First Lieutenant Duane A. Huckell, forestry senior, son of Mr. and Mrs. Raymond K. Huckell, Hopkins; and Cadet First Lieutenant Joel H. Nelson, Jr., sociology senior, son of Mr. and Mrs. Joel H. Nelson, Mound.

Other Minnesotans include two from Owatonna: Cadet Lieutenant Colonel Craig W. Johnson, history senior, son of Mr. and Mrs. Hjalmer J. Johnson, and Cadet Captain Michael D. Johnson, political science senior, son of Mr. and Mrs. Clarence Johnson; Cadet Captain Larry E. Holmberg, landscape architecture senior, son of Mr. and Mrs. Eldon Holmberg, Pennock; Cadet Captain Leslie M. Fieldman, history senior, son of Mr. and Mrs. Max Fieldman, Park Rapids; Cadet First Lieutenant Robert J. Thurnbeck, English senior, son of Mr. and Mrs. F. J. Thurnbeck, Wyoming; and Cadet First Lieutenant Stanley H. Bronczyk, forestry senior, son of Mr. and Mrs. Stanley L. Bronczyk, Gilbert.

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1967 AQUATENNIAL QUEEN  
TO APPEAR IN UNIVERSITY  
HOMECOMING PARADE

For further information, contact:  
DORIS FENICK, 373-2126

(FOR IMMEDIATE RELEASE)

It's not every Homecoming parade at the University of Minnesota that features the presence of the Minneapolis Aquatennial Queen of the Lakes---but it's not every year that the Aquatennial Queen won that crown by wearing the University Engineers' Day crown into the competition.

In the annual University Homecoming parade at 1:15 p.m. Friday (Oct. 20), Karen Hegener, 1967-68 Aquatennial Queen, will be accompanied by Commodore Malcolm Boyce. Also in the parade will be Tove Meldal, "E-Day" Queen runner-up, who will be presented with the "E-Day" crown and robe at the pep fest following the parade.

Both the parade starting time (1:15 p.m.) and the route will be new this year, according to Charles Bans, this year's Homecoming parade chairman. Class schedules and one-way streets have necessitated the changes, he said.

The 23 parade units will assemble at the University tennis courts, Fourth street and Nineteenth ave. SE.; go four blocks west on University ave. SE. to Fifteenth ave. SE.; turn left on Fifteenth and go south to Pillsbury drive, then proceed on Pillsbury drive into Union street. It will turn right onto Washington ave. SE. at the corner of Union and Washington, then proceed down Washington (to the west) under the pedestrian bridges and past Coffman Union to the corner of Fifteenth ave. SE., where it will turn right (to the north). The parade will continue north on Fifteenth across University ave. SE. to Fourth street and thus back to the parking lots.

This route reverses the previous parade routes, Bans points out, and does not use the regular route north on Church street.

With six queens---Homecoming, Aquatennial, Welcome Week, R.O.T.C., Evans Scholars' and "E-Day"---prettying-up the parade, such customary parade units as the floats and fun-units, the R.O.T.C. color guard, the University Marching Band and the St. Paul Mechanic Arts high school marching band will have keen competition for the crowd's attention, Bans acknowledged.

(MORE)



The annual Homecoming pep fest, with the University Marching Band, cheerleaders, Pom Pon girls, members of the team and the coaches, will be held on the steps of Northrop auditorium at 2 p.m.

At this time, Miss Meldal will be crowned the Institute of Technology's "E-Day" Queen for 1967-68.

-U N S-

Note to Editors: A student "spotter" will be available to identify floats and fun-units in the parade as it passes under the footbridges across Washington ave.

See Doris Fenick on the east bridge for assistance.

The parade units, in proper order, will be:

1. Color Guard (Army, Navy and Air Force R.O.T.C.)
2. Homecoming Queen
3. Float and fun-unit, Alpha Chi Omega and Delta Upsilon
4. University Marching Band
5. Float and fun-unit of Acacia and Kappa Delta
6. Aquatennial Queen of the Lakes
7. Float of Arnold Air Society and Angel Flight
8. Sweetheart of Sigma Chi
9. Float and fun-unit of Sigma Chi
10. Homecoming Queen's attendants
11. Float and fun-unit, Beta Sigma Psi and Sanford hall
12. Mechanic Arts high school marching band
13. Float and fun-unit of Kappa Sigma and Kappa Alpha Theta
14. 1967 Welcome Week Queen
15. Fun-unit, Bailey residence hall
16. Fun-unit, Comstock residence hall
17. 1967 R.O.T.C. Queen
18. Float and fun-unit, Phi Sigma Kappa and Phi Mu
19. Homecoming Queen's attendants
20. Fun-unit, Meredith hall
21. Evans Scholars' Queen
22. Float and fun-unit, Pioneer hall
23. "E-Day" Queen.

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UNIVERSITY OF MINNESOTA  
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FUTURE TEACHERS  
CAN TAKE NATIONAL  
EXAMS AT U OF M

For further information, contact:  
DORIS FENICK, 373-2126

(FOR IMMEDIATE RELEASE)

Minneapolis---College seniors preparing for a teaching career may take the National Teacher examinations on three dates---February 3, April 6 and July 6, 1968---according to an announcement from the Educational Testing Service (ETS), Princeton, N. J.

The tests will be given at some 500 locations, including the University of Minnesota. However, they are not required for admission by the University, according to Arthur A. Smith, director of the University's Student Counseling Bureau.

Results of the National Teacher Examinations are used by many school districts as one of several factors in the selection of new teachers and by several states for certification or licensing of teachers, Smith said.

Leaflets indicating school systems and state departments of education which use the exam results may be obtained from the counseling bureau office, Room 301 Eddy hall, University of Minnesota, Minneapolis, Minn., 55455.

Prospective teachers should contact the school systems in which they seek employment or their colleges for specific advice on which examinations to take, and on which dates they should be taken.

A bulletin of information containing a list of test centers and information about the exams as well as registration forms may be obtained from the University, from college placement offices, school personnel departments, or directly from the National Teacher Examinations, Box 911, Educational Testing Service, Princeton, N. J., 08540.

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For further information, contact:  
JEFF B. CARRUTHERS, 373-2126

2 U OF M  
PSYCHOLOGISTS  
RECEIVE AWARDS

(FOR IMMEDIATE RELEASE)

Two members of the University of Minnesota psychology department captured two awards out of four in clinical psychology at the recent American Psychological Association (APA) meeting.

Paul E. Meehl, professor of psychiatry and neurology (and on the psychology department faculty), received the Distinguished Contributor Award in Division 12 (Clinical Psychology). Professor William A. Hunt of Northwestern University received the other Distinguished Contributor Award in that division.

Norman Garnezy, professor of psychology, received a special prize, known as the Stanley R. Dean Award, in the clinical psychology division. He shares it with Professor Eliot Rodnick of the University of California, Los Angeles.

Garnezy and Meehl are considered to be at opposite poles in terms of their theoretical position. Garnezy is studying the cause of the disease schizophrenia from the environmental, social-learning point of view; Meehl is oriented toward an organic-genetic-constitutional etiology of the disease.

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For further information, contact:  
JUDY VICK, 373-2126

UNIVERSITY ORGANIST  
HEINRICH FLEISCHER  
TO GIVE CONCERT

(FOR IMMEDIATE RELEASE)

Heinrich Fleischer, University of Minnesota organist, will present a concert of varied organ music Monday, Oct. 23, at 8 p.m. at the First Unitarian Society, 900 Mt. Curve ave., Minneapolis.

The concert, sponsored by the University music department, is free and open to the public. Works by Bach, Franck, Krenek, Reger and Hindemith will be performed.

Fleischer, who has received wide recognition for his interpretation of the music of Johann Sebastian Bach, has been a member of the University faculty since 1959. A direct descendant of Martin Luther, he was born in Eisenach, Germany, also the birthplace of Bach. He received his doctor of philosophy degree from the University of Leipzig.

At the age of 25 he became the youngest professor on the staff of the Leipzig State Academy of Music. Prior to his appointment to the Minnesota faculty, he served as professor of music at Valparaiso University and as organist and professorial lecturer of music at the University of Chicago.

From 1959 to 1966 Fleischer was organist and choirmaster at Grace Lutheran Church in Minneapolis. He is now organist for the First Unitarian Society. Last season Fleischer was a soloist with the Minneapolis Symphony Orchestra. Within the next two months he will have recitals in Los Angeles, Wichita, Kan., and Pensacola, Fla.

(MORE)

FLEISCHER

-2-

The program for his Monday concert is as follows:

Chorale in E Major ..... Cesar Franck

Sonata, Opus 92 ..... Ernst Krenek

Three Chorale Preludes ..... Max Reger

God Who Madest Earth and Heaven  
Savior of the Nations, Come  
Farewell I Gladly Bid Thee

Sonata No. 1 ..... Paul Hindemith

Three Chorale Preludes ..... Johann Sebastian Bach

Come Holy Ghost, God and Lord  
Through Adam's Fall All Mankind Fell  
From God Shall Naught Divide Me

Fantasy and Fugue in G Minor ..... Johann Sebastian Bach

-U N S-

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For further information, contact:  
JUDY VICK, 373-2126

UNIVERSITY THEATRE  
SEASON OPENS  
WITH 'IVORY TOWER'

(FOR IMMEDIATE RELEASE)

University Theatre will open its 1967-68 season Tuesday (Oct. 24) with "Ivory Tower," a courtroom drama written by Pulitzer Prize winner Jerome Weidman and James Yaffe.

"Ivory Tower," the story of the wartime treason trial of a celebrated American poet, will be presented in Shevlin Hall arena theatre at 8 p.m. Oct. 24 through 28 and at 3:30 p.m. Oct. 27 and Oct. 29. It is the first play in the theatre's Playwright's Premiere series.

Jon Mezz, a University teaching assistant with a degree from the University of Rochester (N.Y.), will direct the production. Mezz directed "Who's Afraid of Virginia Woolf?," "Fiorello," "Krapp's Last Tape" and "The Bald Soprano" at the University of Rochester.

All cast members are University graduate or undergraduate students.

George Ostroska, who has played in professional theaters on both coasts, is cast in the lead role of Simon Otway. Ostroska, who is originally from Redwood City, Calif., and his wife, Beverly White, spent four years in professional theater. He has performed in off and off-off Broadway theaters, including the Cafe Chino and Cafe La Mama in New York. He is an undergraduate theatre major at the University.

Norma Jean Wood, a graduate of the University of Arkansas, plays the poet's estranged wife, Beatrice Otway.

(MORE)

Other cast members include William G. Driver, a Harvard University graduate; John Jenkins, Kansas State College graduate; John Warren, undergraduate in English and theatre; Steven Herrmann, undergraduate theatre major; John Allee, a graduate of George Washington University; William Graham, a graduate of Ohio Wesleyan University and the recipient of a McKnight Fellowship in direction; Joseph Walsh, a graduate of Yankton (S.D.) College and the recipient of a McKnight fellowship in acting; Fred Young, undergraduate theater and American studies major; Bruce C. Jacobsen, a graduate of Montana State University; and Brent Betterley, undergraduate student.

"Ivory Tower" is the American Playwright's Theatre play for 1967. It was selected to be presented at the APT's 180 member-theaters throughout the country during the current season.

Weidman, one of the play's authors, is the recipient of the Pulitzer Prize for drama, the Tony award and the New York Drama Critics Circle Award for "Fiorello," a hit Broadway musical based on the life of the late Mayor LaGuardia of New York. He is also the author of "I Can Get It For You Wholesale" and "Tenderloin," and the novel, "The Enemy Camp." James Yaffe, author of television dramas and screen plays, wrote the novel, "Nobody Does You Any Favors," published by Putnam.

Tickets for "Ivory Tower" are priced at \$2.10 each and are available by calling 373-2337, by writing to the University Theatre Ticket Office, Scott Hall, University of Minnesota, Minneapolis, or through Dayton's ticket agencies in St. Paul, Minneapolis, Southdale, Brookdale and at Field-Schlick in St. Paul.

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BUSINESS-SCHOOL DEANS,  
MEETING IN MINNEAPOLIS,  
TO HEAR DEMING, OTHERS

For further information, contact:  
JUDY VICK, 373-2126

(FOR IMMEDIATE RELEASE)

Deans and heads of business schools at more than 100 colleges and universities are expected to attend a regional conference of the American Association of Collegiate Schools of Business Thursday and Friday (Oct. 19-20).

"Education for Business Decision-Making in a Dynamic Context: Social Responsibilities, Leadership Opportunities, Operating Problems" is the theme of the conference, hosted and arranged by the School of Business Administration at the University of Minnesota.

Speakers Thursday will include Frederick L. Deming, U. S. Undersecretary of the Treasury; William G. Caples, vice president of Inland Steel Co., Chicago; University Professor Arnold Rose, president-elect of the American Sociological Association; Kenneth Dayton, executive vice president of the Dayton Corp.; and Robert Keith, chairman of the board of the Pillsbury Co.

Friday speakers will be Louis B. Barnes, associate professor in the Graduate School of Business Administration at Harvard University; Arnold Walker, television production director at the University; and Professor Russell W. Burris, director of the University's Center for the Study of Programmed Learning.

All sessions will be held at the Sheraton-Ritz Hotel, Minneapolis.

Thursday morning's sessions will deal with "what is happening in the American society that has implications for what is being done in business schools today."

Deming will speak at 9 a.m. on "An Overview of Economic Perspectives." Rose will discuss "Social-Cultural Perspectives" at 10:05 a.m. Caples will speak at 11 a.m. His topic will be "Strategic Sectors: Urban Problems, Civil Rights and Business Management." Keith will speak at a noon luncheon session on "The New Management and the Changing Role of the Corporation."

(MORE)



Thursday-afternoon sessions will be concerned with the relationship of the business school to the American society. "The Behavioral Sciences and the Experimental Method" will be the topic of a 1:45 p.m. round-table discussion led by Robert Holloway, professor of marketing at the University of Minnesota. Erwin Gaumnitz, dean of the College of Commerce at the University of Wisconsin, will lead a 3:15 p.m. discussion of "International Business."

Dayton will speak on the topic, "The Growing Involvement of Businessmen in Culture and the Arts," at a 5 p.m. buffet supper. Members will attend the evening performance of "The Visit" at the Tyrone Guthrie Theatre.

The Friday sessions of the conference will be concerned with how-to methods of teaching in the business school.

Walker will speak at 9 a.m. on "The Use and Potential of TV in Teaching." "The Use and Potential of the Computer in Teaching" will be discussed by Professor Burris at 10:30 a.m. "Are Today's Students 'Turned Off' By Business?" will be the topic of a noon luncheon session talk by Barnes.

The conference will end with a general business session at 2 p.m. Friday, led by Paul V. Grambsch, dean of the University School of Business Administration.

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For further information, contact:  
BETH KENT, 373-5166

'SEARCH FOR PEACE' THEME OF  
LABOR AND WORLD AFFAIRS FORUM

(FOR IMMEDIATE RELEASE)

"The Search for Peace in a Troubled World," theme of the Fourth Annual Labor and World Affairs Forum which began today (Wednesday, Oct. 18), will focus on two world crisis spots, the Middle East and Viet Nam.

The annual program, held at Quadna Mountain Lodge in Hill City (17 miles from Grand Rapids) concludes Friday (Oct. 20). About 100 top, fulltime labor executives are attending.

Sponsor of the forum is the Minnesota Trade Union Council for Histadrut (the Israeli Federation of Labor). The program is being conducted by the University of Minnesota Labor Education Service, an organization within the University's General Extension Division and Industrial Relations Center.

Three major speeches concerning the Middle East will be presented on Thursday (Oct. 19). From 10:30 a.m. to noon Judd Teller will present background information on the Middle East conflict. Teller is executive director of the American Histadrut Cultural Exchange Institute in New York, a subsidiary organization of the Israeli Federation of Labor.

At 1 p.m., Zev Barash, president of the Maritime and Longshoremen's Union in Tel Aviv, will speak on "Labor's Role in Building a Nation."

Herrick Roth, president of the Colorado Federation of Labor, AFL-CIO, will speak following a 6:30 p.m. banquet on the topic "Labor's Role in the Search for Peace."

(MORE)

Discussion on Viet Nam begins Friday morning. At 9:30 a.m. a skit, "A Labor Leader Confronts the Peace Issue," will be presented by Don Soderberg and the Duluth Players. Soderberg, who is president of the Duluth Playhouse, is president of the Duluth Federation of Teachers and a parttime instructor with the labor education service branch office at the University of Minnesota, Duluth.

From 10:30 a.m. to noon Richard N. Blue, University assistant professor of political science, will speak on the topic, "American Involvement in Viet Nam from Dien Bien Phu to the '67 Elections."

During the afternoon on Friday the group will be broken into three workshops, and the labor leaders will be asked to consider the topic "Reaching a Personal Decision on Alternatives." The workshop sessions are designed to force the labor leaders to reexamine American commitments abroad, and to reexamine their personal thinking about American foreign policy.

UNIVERSITY OF MINNESOTA  
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For further information, contact:  
JUDY VICK, 373-2126

ELIZABETH YATES  
TO SPEAK AT 'U'  
BOOK WEEK DINNER

(FOR IMMEDIATE RELEASE)

Elizabeth Yates, one of America's leading writers for young people, will speak at the University of Minnesota Book Week dinner at 6 p.m. Tuesday (Oct. 24) in Coffman Union.

The annual Book Week program is sponsored by the University College of Education.

Miss Yates is the author of "Amos Fortune, Free Man," which received the Herald Tribune Spring Festival Award in 1950; the Newbery Medal Award in 1951 and the William Allen White Award in 1953. It is the story of a man who was born free in Africa, sold into slavery and later freed to become a landowner and respected citizen of his community.

Currently the author, who lives in Peterborough, N. H., is working on a book, "With Pipe, Paddle and Song," inspired by a canoe trip she took in Minnesota and Canada in 1965. The story of the young voyaguers of 1750 will be published by E. P. Dutton and Company in 1968.

She has also written "Carolina's Courage," a pioneer story for 8-to 10-year-olds; "Prudence Crandall: Woman of Courage," the story of a young Quaker school teacher in pre-Civil War Connecticut; "Patterns on the Wall," the story of a journeyman painter in southern New Hampshire; "Pebble in a Pool," a biography of Dorothy Canfield Fisher; "An Easter Story," which includes a selection of Easter poems; "Children of the Bible;" "Sir Gibbie," a retelling of George MacDonald's classic tale of the ragged little Scottish baronet; "The Lighted Heart," a first-person story of a happy marriage; "Up the Golden Stair," in which the author tells her thoughts on facing the death of a loved one, and "Is There A Doctor in the Barn?" the story of a veterinarian in rural New Hampshire.

(MORE)

"Someday You'll Write," advice to aspiring writers age 12 and above, has been one of Miss Yates' most popular books.

The Book Week program will also include displays and reviews of books for young adults and children. There will be a display of books for children in the James Ford Bell Museum of Natural History from 3:30 to 5:30 p.m. Tuesday (Oct. 24). Barbara Brown, bookmobile librarian for the St. Paul Public Library, will present reviews of children's books at 4:30 p.m. in the museum auditorium.

Books for young adults will be displayed in the University High School library, Peik Hall, from 3:30 to 5:30 p.m. Tuesday. Mrs. Elizabeth Evans, young adults librarian for the St. Paul Public Library, will present reviews of new books for junior and senior high school students at 4:30 p.m. in the library.

Reservations for the book week dinner, which is open to the public, can be made by writing to Professor Norine Odland, College of Education, Burton Hall, University of Minnesota, Minneapolis 55455, or by telephoning 373-2256.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 19, 1967

For further information, contact:  
BETH KENT, 373-5166

LABOR LEADERS TO DISCUSS  
THE INDUSTRIALLY INJURED  
AT SUGAR HILLS MEET

(FOR IMMEDIATE RELEASE)

Eighty-five fulltime state labor leaders are scheduled to attend the Minnesota Conference on Workmen's Compensation and Rehabilitation of the Industrially Injured, to be held Oct. 31-Nov. 3 at Sugar Hills Resort, Grand Rapids.

The conference, designed to teach labor leaders how to advise the industrially injured worker, will be conducted by the University of Minnesota's Labor Education Service, an organization within the University's General Extension Division and Industrial Relations Center. Labor Education Service staff member Cliff Miller is head of the planning committee.

The conference is sponsored by the Minnesota AFL-CIO Federation of Labor and the State Department of Labor and Industry.

Last-minute registration for the program, open by invitation only, will be held Tuesday, Oct. 31. Morning and afternoon work sessions will be held the following Wednesday and Thursday, and a morning session on Friday will conclude the conference.

Ray Munts, University of Wisconsin professor of economics, will deliver the opening lecture Wednesday entitled, "Toward a Model Program of Protection for the Work Force."

He will be followed by James Pomush, commissioner of the Minnesota workmen's compensation division of the Department of Labor and Industry, who will outline "What You Should Know About the Industrial Commission."

(MORE)

Cy Shaeffer, also a commissioner for the state workmen's compensation division, will follow with an explanation of rehabilitation benefits. In particular, he will describe provisions of the 1967 law which are major changes from past practice. His talk is entitled "Rehabilitation Provisions and New Benefits Provided for by the 1967 Amendment to the Workmen's Compensation Act."

The first Wednesday afternoon session, "What You Should Know About Disability Benefits," will be conducted by Richard B. Abrams, Minneapolis attorney. He will outline benefits of the Workmen's Compensation Act and answer such questions as what must the worker do if he disagrees with his doctor's opinion and claims greater benefits than the employer and insurer are willing to provide.

Which kinds of injuries are compensable? The question will be considered by another Minneapolis attorney, Mitchell Spector. Attention will be given to the period the injured worker has in which to make a claim.

Dr. Bruce Douglas, a specialist in industrial medicine with the Mayo Clinic in Rochester, will open the Thursday program with discussion of the topic, "The Proper Time to Commence a Vocational Rehabilitation Program." He will outline the length of time it takes for most persons to recuperate from various injuries.

Specialists in physical and vocational rehabilitation will describe state facilities and retraining programs in these areas in other speeches on Thursday.

The final session on Friday will consider "The Future of Workmen's Compensation and Vocational Rehabilitation in Minnesota." Neil Sherburne, secretary-treasurer of the Minnesota AFL-CIO, will lead discussion.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 19, 1967

ONE-DAY MUSIC  
INSTITUTES OFFERED  
IN MPLS., ROCHESTER

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

Music students and teachers at all levels of instruction---grade school, junior high, high school and college---are eligible to attend a new series of instrumental and vocal institutes presented this year by the University of Minnesota.

The one-day courses, offered through the University's General Extension Division MacPhail Center and department of conferences and institutes, will be held at the MacPhail Center, 1128 LaSalle ave., Minneapolis, and at the Mayo high school in Rochester.

The institutes are designed by the center as a first step in attempting to meet the needs of the music community on a statewide basis.

Instructors for the courses, many of them principal artists with the Minneapolis Symphony Orchestra, are all either performers or teachers in their particular field.

All MacPhail Center institutes will be held on Saturdays from 1 to 4 p.m.

The schedule is as follows:

Institute for Flute and Double Reeds, Nov. 4.  
Institute for French Horn, Dec. 2.  
Institute for Lower Brass Instruments, Jan. 13.  
Institute for Percussion, Feb. 10.  
Institute for Violin, March 2.  
Institute for Vocalists and Accompanists, April 6.

The following courses will be held in Rochester:

Institute for Clarinet, Tuesday, Nov. 28, 6-9 p.m.  
Institute for Trumpet, Thursday, Jan. 18, 6-9 p.m.  
Institute for Chorus and Vocalists, Thursday, Feb. 28, 6-9 p.m.

For more information regarding any particular institute, write to Daryl Gibson, Institute Coordinator, MacPhail Center, 1128 LaSalle ave., Minneapolis, Minn., 55403, or write to Wilbur Wakefield, Resident Director, General Extension Division Rochester Center, 114 Coffman Building, Rochester, Minn., 55901.

Fee for each institute is \$2 per person.

-U N S-



UNIVERSITY OF MINNESOTA  
LECTURE SHORTS

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
TELEPHONE: 373-2126  
OCTOBER 20, 1967

(FOR IMMEDIATE RELEASE)

'LANDSCAPE' EDITOR  
TO TALK AT 'U'

J. B. Jackson, editor of "Landscape" magazine, will lecture on "The Public Landscape" at the University of Minnesota at 3:30 p.m. Thursday (Oct. 26). Jackson's lecture, which is sponsored by the department of landscape architecture, will be given in room 130 of the Architecture building.

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BARTTER'S DISEASE  
IS LECTURE TOPIC

A special public lecture on Bartter's disease will be given by Dr. Frederic C. Bartter, for whom the disease was named, at the University of Minnesota on Monday, Oct. 30. Dr. Bartter is chief of the endocrinology branch, National Heart Institute, National Institutes of Health, Bethesda, Md.

Bartter's disease is a disease of the adrenal gland involving the output of large amounts of the adrenal hormone, aldosterone.

Dr. Bartter will speak at 12:30 p.m. in 178 Jackson hall, Minneapolis campus. His talk is sponsored by the departments of pathology, pediatrics and concerts and lectures.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 20, 1967

'U' LEADERSHIP NOTED DURING  
VOCATIONAL GUIDANCE WEEK

(FOR IMMEDIATE RELEASE)

For further information, contact:  
NANCY PIRSIG, 373-2126

National Vocational Guidance Week---being celebrated around the country from Sunday (Oct. 22) to Oct. 28---has particular significance for the University of Minnesota, University President Malcolm Moos declared today.

He was referring to the fact that Professor Henry Borow of the General College is president of the National Vocational Guidance Association (NVGA); that this association's parent group, the American Personnel and Guidance Association (APGA), is headed by University Dean of Students E. G. Williamson; and that the University has a long history of preeminence in the field of vocational guidance.

"The profound technological, social and economic changes which we are currently witnessing have led our nation to place a high premium upon the building of occupational awareness in youth, and upon the preparation of citizens of all ages for socially useful and personally satisfying careers," Professor Borow stated.

"It would be hard to find another institution which matches Minnesota's history of consistent leadership in research, counselor education and service to students within the framework of vocational guidance," Moos said.

The late Psychology Professor Donald G. Paterson pioneered in the field for some 40 years following World War I. During the Depression of the 30's, the Minnesota Employment Stabilization Research Institute had "a critical influence" on the establishment of empirical tests for job counseling, Borow said, and the University's Student Counseling Bureau has long occupied a high place among such centers across the United States.

Three University professors have served as president of the APGA, four as president of the NVGA, and others as president of the American College Personnel Association, the American Rehabilitation Counseling Association and the Association for Counselor Education and Supervision. Other faculty members have served as executive heads of the APGA and of the American Psychological Association.

The University's Industrial Relations Center was honored last March with an APGA award for its continuing studies on occupational adjustment.

UNIVERSITY OF MINNESOTA  
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MINNEAPOLIS, MINNESOTA 55455  
TELEPHONE: 373-2126  
OCTOBER 20, 1967

LIST OF UNIVERSITY OF MINNESOTA, MINNEAPOLIS CAMPUS, PUBLIC EVENTS  
WEEK OF OCT. 21-28

- Sat. -- Oct. 21 -- Homecoming Game: Minnesota vs. Michigan State, 1:30 p.m., Memorial Stadium. Tickets.
- Sat. -- Oct. 21 -- Homecoming Dance: Mitchell Trio and eight bands; concert, 9, 10:30 p.m. and midnight, main ballroom; dance bands in rooms throughout Union. Tickets.
- Sun. -- Oct. 22 -- University Gallery: Three shows---"Recent Acquisitions through the Nordfeldt Fund," "Prints from the Mourlot Press" and "Pottery by John Stewart Swift, Jr.;" third floor, Northrop auditorium. Gallery open 2-5 p.m. Sundays, 8 a.m.-4 p.m., weekdays. Free.
- Sun. -- Oct. 22 -- Coffman Union Gallery: "Photographs by Ilyana Garmisa;" gallery hours, 12 noon-8 p.m. Sundays; 9 a.m.-8 p.m. weekdays. Free.
- Mon. -- Oct. 23 -- Concert: Heinrich Fleischer, organist; 8 p.m., First Unitarian Society. Free.
- Tues. - Oct. 24 -- "Explorations in Jazz" series: Today's lecture-demonstration, "The Relationship of Composer, Performer and Listener to Jazz;" 1:15 p.m., main ballroom, Coffman Union. Series or individual tickets.
- Tues. - Oct. 24 -- University Theatre: Opening, "Ivory Tower," 8 p.m., Shevlin Arena Theatre; through Saturday. Matinees, 3:30 p.m., Friday and Sunday. Tickets.
- Tues. - Oct. 24 -- University's Book Week program: Children's book display, 3:30-5:30 p.m., Bell museum; young adults' book display, 3:30-5 p.m., Peik library; review of children's books by Barbara Brown, 4:30 p.m., Bell museum auditorium; review of young adults' books by Mrs. Elizabeth Evans, 4:30 p.m., Peik library. Book Week dinner ---speaker, Elizabeth Yates, American author of books for young people, 6 p.m., Coffman Union main ballroom, tickets in advance.
- Thurs.- Oct. 26 -- Special lecture: "The Public Landscape," by J. B. Jackson, editor, "Landscape" magazine; 3:30 p.m., Room 130 Architecture. Free.
- Thurs.- Oct. 26 -- Convocation: Five-member faculty panel will discuss "De Gaullism in France," 2:15 p.m., Northrop auditorium. Free.
- Thurs.- Oct. 26 -- Kaffee Konzert; 11:15 a.m. and 12:15 p.m., Coffman Union main ballroom. Free.
- Fri. -- Oct. 27 -- University Film Society: "Mahanagar" (India, 1965) directed by Satyajit Ray. (Also called "The Big City"). 7:30 and 9:30 p.m., Bell museum auditorium. Tickets.

UNIVERSITY OF MINNESOTA  
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MINNEAPOLIS, MINNESOTA 55455  
TELEPHONE: 373-2137  
OCTOBER 21, 1965

'U' GETS GRANT  
TO TRAIN COLLEGE  
MATH INSTRUCTORS

(FOR IMMEDIATE RELEASE)

Minneapolis---The University of Minnesota will inaugurate in 1966 a year-long program for training college mathematics instructors under a grant of \$77,100 announced today by the National Science Foundation (NSF).

The principal part of the program, called an academic year institute, will provide stipends to support 10 graduate students who will take courses stressing geometry during the 1966-67 school year. Additional funds also are provided for continuation of the concentrated studies during the summer of 1967.

Seymour Schuster, associate professor in the Minnesota School Mathematics and Science Center (Minnemath), will direct the institute. Schuster already heads a Minnemath center project which is developing an undergraduate college geometry course under NSF grants totaling more than half a million dollars.

The letter of notification to University President O. Meredith Wilson from NSF indicates that the agency expects to continue the academic year institute with grant renewals beyond 1967, pending availability of funds.

The new program is intended to provide an intense refresher course or upgrading studies for holders of bachelor degrees who are already serving as mathematics instructors on college faculties, and are chiefly responsible for the training of prospective high school teachers.

Joseph Konhauser of the Minnemath center will serve as associate director of the academic year institute, and several other Minnesota faculty members will teach special institute courses.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 23, 1967

For further information, contact:  
JUDY VICK, 373-2126

ALBEE'S 'TINY ALICE'  
TO OPEN NOV. 2  
IN SCOTT HALL THEATRE

(FOR IMMEDIATE RELEASE)

"Tiny Alice" by Edward Albee, one of the most controversial plays of the current decade, will open Thursday, Nov. 2, in Scott Hall at the University of Minnesota.

The drama has been described as both "strong and powerful" and "sordid, sick and cesspool deep."

"It is the odyssey of a man seeking a true conception of the central force of life," said director Theodore Herstand, associate professor of theatre arts at the University. "The play deals with confession, ritual marriage and the mysterious initiation rites of life and death."

Miss Alice, who is a goddess, a priestess, everything and nothing, will be played by Paulette James, a candidate for a master of fine arts degree in theatre from the University. Miss James, 24, is a graduate of Centenary College in Shreveport, La., her hometown. She is the recipient of a McKnight fellowship in acting and has toured South Africa and Europe with The Everyman Players, a semi-professional company. She has played in "Braggart Soldier," "With Malice Aforethought," "Brand" and "He Who Gets Slapped" at the University of Minnesota.

Kenneth Albers, a University graduate student in theatre, is cast as the Cardinal. He is a graduate of Illinois Wesleyan University.

Brother Julian is played by George Muschamp, a graduate student in theatre with a bachelor's degree from Gettysburg College, Gettysburg, Pa.

(MORE)

The lawyer and the butler are played, respectively, by Nicholas De Joria, Jr., a graduate student from Hofstra University, and David Mark Feldshuh, a graduate student from Dartmouth College.

Jack D. Starr, Jr., who is currently on leave of absence from the speech department faculty at Wisconsin State University - La Crosse, is assisting Professor Herstand in the direction of the production.

"Tiny Alice" is the first play in the University Theatre's current Scott Hall auditorium series. It will be presented Nov. 2 to 4 and Nov. 8 to 11 at 8 p.m., and Nov. 7 and 12 at 3:30 p.m.

Tickets are available from the University Theatre Ticket Office, Scott Hall, University of Minnesota, Minneapolis 55455, or by telephoning 373-2337. The ticket office is open from 9 a.m. to 6 p.m. Monday through Saturday. Tickets are also available at Dayton's in Minneapolis, St. Paul, Southdale and Brookdale and at Field-Schlick in St. Paul.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 23, 1967

For further information, contact:  
GLENN ICKLER, 373-2126

NEW REPORT DESCRIBES  
JAY COOKE PARK  
ROCK FORMATION

(FOR IMMEDIATE RELEASE)

A geologic report on the Fond du Lac rock formation visible in the valley of the St. Louis river in Jay Cooke state park, near Duluth, has been released by the Minnesota Geological Survey at the University of Minnesota.

Paul K. Sims, survey director, said that this is the first report issued on current detailed studies of the Upper Precambrian (Keweenaw) sedimentary rocks of Minnesota. These rock units are important ground-water aquifers (water-bearing layers) throughout the eastern part of the state.

The new publication, compiled by Glenn B. Morey, assistant professor and Survey geologist, gives detailed data on the geologic age, petrography, sedimentology and structure of the Fond du Lac formation.

The formation is approximately one billion years old. It ranges in thickness from 300 to 800 feet.

The publication is entitled "Minnesota Geological Survey Report of Investigations No. 7." Copies may be obtained for 50 cents each from the Minnesota Geological Survey, University of Minnesota, Minneapolis, Minn. 55455.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 23, 1967

POSTAL WORKERS  
TO LEARN ABOUT  
GRIEVANCE PROCEDURES

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

Rank and file members of the Minnesota Postal Union, an affiliate of the National Postal Union, will have a chance to learn about their rights and obligations as civil servants during a conference to be held Saturday, Nov. 4, on the University of Minnesota Minneapolis campus.

The one-day program, "Grievance Procedure in the Postal Service," is sponsored by the University Industrial Relations Center and General Extension Division's Labor Education Service. Sixty union members from throughout the state are expected to attend.

Sidney A. Goodman, president of the National Postal Union, Washington, D.C., will welcome conference participants at 8 a.m. in Nolte Center for Continuing Education.

The first general session of the day, "Procedures for Handling Grievances Under the National Postal Agreement," will begin at 8:30 a.m. Cyrus F. Smyth, associate professor in the Industrial Relations Center, will deliver the talk.

Open forum workshops on the topic, "Solving Grievances at the Local Level," will be conducted from 10:30 a.m. to noon.

Topic of the afternoon general session at 1 p.m. will be "Adverse Action and Appeals." The talk will be given by Owen Tapper, an assistant professor with the University of Wisconsin extension division school for workers.

Afternoon workshops, which begin at 3:15 p.m., will consider basic procedure for filing adverse action appeals. John Morgan, Minneapolis regional representative of the National Postal Union, will help lead the discussion.



UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 23, 1967

For further information, contact:  
BETH KENT, 373-5166

UNION LEADERSHIP PROBLEMS  
SUBJECT OF FALL LABOR INSTITUTE

(FOR IMMEDIATE RELEASE)

The Fall Labor Institute for local lodge officers and stewards, business agents and staff representatives of the Minnesota State Council, International Association of Machinists and Aerospace Workers, AFL-CIO, will be held Friday through Sunday (Oct. 27-29).

All sessions will be conducted at the Machinists Labor Temple, 1399 Eustis st., St. Paul.

The program is sponsored by the local machinists and aerospace workers union and the Labor Education Service, an organization within the University of Minnesota's General Extension Division and Industrial Relations Center.

Current problems facing union leadership---such as communication with rank and file members and competition for members' time from outside organizations---will be discussed during the three-day institute.

Key speakers who will address the conference include Lee Chapman and Chris Piluras, both grand lodge representatives, International Association of Machinists and Aerospace Workers, Washington, D. C., and Dale Pommerville, grand lodge representative, Duluth.

F. LEE BAILEY  
TO SPEAK AT 'U'  
MONDAY NIGHT

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 24, 1967

For further information, contact:  
DORIS FENICK, 373-2126

(FOR IMMEDIATE RELEASE)

F. Lee Bailey, noted criminal lawyer famed for reversing the murder conviction of Dr. Sam Sheppard, will speak at the University of Minnesota Monday (Oct. 30).

Bailey's speech on "Justice on the Free Press" will be delivered at 8 p.m. in Northrop auditorium and will be open free to the public.

Joint sponsors of this special University convocation will be the human relations committee of the Coffman Union Board of Governors (UBOG) and the department of concerts and lectures, according to Robert G. Watson, committee chairman.

In referring to the Sheppard case and the equally sensational trial and acquittal of Dr. Carl Coppolino in New Jersey, the "Saturday Evening Post" called Bailey "the hottest young criminal lawyer....." Time called him "brash...flamboyant...brilliant ...a renegade. His clients call him a 'livesaver.'"

"A trial lawyer," says Bailey, "is a paid professional fighter. The client says 'They want to take my life away. Save me. I'm putting my life in your hands.' Defending a murder case has got to be the highest calling of the profession."

It is in preparing for his "paid professional fights" that Bailey places his greatest emphasis---investigation. While studying law at Boston University, he opened an investigative agency complete with operatives, electronic gadgets and devices. It is said that he knows more about electronic snooping than anybody short of the F.B.I.

At 33 Bailey has had just six years of legal practice before the bar. However, in addition to his formal schooling, he served for three years as a staff legal officer while a jet fighter pilot in the U. S. Marine Corps.

His unique record of success in the courtroom has made Bailey one of the most sought-after speaking personalities. As one observer put it, "When he speaks to 12 jurors, 45 million Americans listen."

EUROPEAN PROBLEMS  
TOPIC FOR CONVOCATION  
IN COFFMAN UNION

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 24, 1967

For further information, contact:  
JUDY VICK, 373-2126

(FOR IMMEDIATE RELEASE)

Problems in Europe today will be discussed by five knowledgeable University of Minnesota faculty members at a convocation at 2:15 p.m. Thursday (Oct. 26) in the main ballroom of Coffman Union.

"The Mid-60's in Europe and DeGaulism" is the title of the discussion.

The five-man team returned to the University campus this fall after 12 months in Europe. They include Harold C. Deutsch, project director and professor of recent and contemporary European history; Arnold M. Rose, professor of sociology; Robert H. Beck, professor of comparative education; Philip M. Raup, professor of agricultural economics, and John G. Turnbull, professor of economics.

Currently the five professors are teaching an interdisciplinary seminar based on their studies of the last year, and are working on a book to be published in 1968.

"Our primary concern is that this project should make a real contribution to research and teaching in international affairs at the University," said Professor Deutsch.

The purpose of the year's research was to inquire into and analyze the background and character of contemporary developments in the social, educational, economic, political and defense situations, institutions and policies in Western Europe, particularly those developments which are significant to the Atlantic community. Each faculty member concentrated on his own area of study and met frequently with the other team members in their Paris headquarters.

Funds for the project were provided by the Louis W. and Maud Hill Family Foundation of St. Paul and by a Ford Foundation grant to the University of Minnesota, administered by the University's Office of International Programs.

Dean Willard W. Cochrane of the Office of International Programs will moderate the Thursday discussion. Each faculty member will give a brief presentation, followed by a panel discussion and questions from the audience.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 24, 1967

For further information, contact:  
JUDY VICK, 373-2126

(A joint release from the University of Minnesota and Boutell's, Brookdale)

'U' MFA CANDIDATES  
TO DISPLAY WORKS  
AT BOUTELL'S, BROOKDALE

(FOR IMMEDIATE RELEASE)

Works by 17 students---master of fine arts candidates at the University of Minnesota---will be displayed Nov. 5 through Nov. 18 at Boutell's in Brookdale Plaza, Brooklyn Center.

The art show, sponsored by the University Gallery, is a part of the Brookdale Plaza merchants' "Art of Living" celebration, their third annual grand opening.

The opening event will be Sunday, Nov. 5, from 1 to 6 p.m.

Paintings, sculpture, pottery, prints, drawings and photographs will be among the works shown by the following University graduate students: Wendell Carroll, Tom Evans, Gary Hallman, Doug Hendrickson, Peter Holiday, Jan Knipe, Jim Knipe, Karen Madison, Judd Nelson, Don Paden, Nancy Randall, Reuben Ristrom, Nuburo Sawai, Mary K. Sine, Mark Steenerson, John Swanstrom and Ruben Trejo.

Philip Cohen, mayor of Brooklyn Center, will speak at 2 p.m. Hostesses will include Elaine Darling, Miss Brooklyn Center. A decorators' clinic and wallpaper seminar will be conducted during the afternoon. Live music and a fashion showing will be presented.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 24, 1967

BELL MUSEUM  
TO PROVIDE TOURS  
FOR SENIOR CITIZENS

For further information, contact:  
GLENN ICKLER, 373-2126

(FOR IMMEDIATE RELEASE)

The James Ford Bell Museum of Natural History will begin a new experimental program on Monday (Oct. 30) when ten residents of the Lyngblomsten Retirement Center, St. Paul, will take a guided tour of the exhibits.

Three more groups of Lyngblomsten Center residents will tour the museum, on the University of Minnesota's Minneapolis campus, during the next month. The tours are of an experimental nature, to help museum personnel determine what types of programs will be useful to senior citizens.

The museum staff plans to create a tour program for the residents of area retirement and nursing homes. Comments from the first tour groups will be used to help guide those who write the tour programs for subsequent groups.

The Monday tour will begin at 2:30 p.m. and will be conducted by Richard Barthelemy, museum public information coordinator. The Rev. Gerhardt Reiff of Lyngblomsten Center will accompany the group as adviser.

The tours will be a concerted effort to involve senior citizens in today's problems, Barthelemy said. Such problems as pollution, vanishing species, world population, biological technology, leisure time esthetics and the need for natural areas in community planning will be discussed. Eventually the museum will give elderly visitors colored slides so that they can present a program about the museum to residents of their home who have not had the tour.

The visitors will be encouraged to discuss the exhibits and the problems presented. Barthelemy said he will seek their reminiscences and comparisons with today's conditions.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 24, 1967

For further information, contact:  
DORIS FENICK, 373-2126

N.R.O.T.C.  
APPLICATIONS  
DUE NOV. 17

(FOR IMMEDIATE RELEASE)

Minneapolis---Applications for enrollment in the Regular Naval Reserve Officers' Training Corps for the 1968-69 academic year must be submitted before Friday, Nov. 17, according to Captain James M. Marshall, USN, professor of naval science and commanding officer of the NROTC unit at the University of Minnesota.

The Regular NROTC program, designed to train career officers for the Navy and Marine Corps, includes payment by the Navy of the student's tuition, educational fees, textbooks and uniforms in addition to providing a monthly subsistence allowance for the four years of his undergraduate work, Capt. Marshall pointed out.

Upon graduation, midshipmen enrolled in this program will have earned regular commissions as Ensigns in the U. S. Navy or as Second Lieutenants in the U. S. Marine Corps.

Information regarding this program and application forms for the examination are available from high school counselors and U. S. Navy recruiting stations as well as from the NROTC Unit, 203 Armory, University of Minnesota, Minneapolis 55455.

-U N S-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 25, 1967

For further information, contact:  
JUDY VICK, 373-2126

PACE, MACE TO SPEAK  
AT 'U' BUSINESS SCHOOL  
ANNUAL INSTITUTE

(FOR IMMEDIATE RELEASE)

Frank Pace, Jr., president of International Executive Service Corps, will speak at the University of Minnesota School of Business Administration Alumni Association's 14th annual institute, to be held Thursday, Nov. 2, at the Leamington Hotel.

Pace was director of the Bureau of the Budget in 1949-50. From 1950 to 1953 he was Secretary of the Army. He is former chairman of the board of General Dynamics Corp.

"The World Management Crisis---Can It Be Solved?" will be the topic of his talk which follows a 6:30 p.m. dinner.

Myles L. Mace, who received a law degree from the University of Minnesota in 1934 and is now professor of business administration at Harvard University, will give the keynote speech as the institute opens at 1:45 p.m. Nov. 2. "The New Face of Business" will be his topic.

Four concurrent panel discussions will follow Mace's speech.

Discussing the topic, "The Consumer Credibility Gap---Can It Be Closed?" will be chairman Allan L. Pennington, assistant professor of marketing at the University; Thomas B. Kilbride, president of Knox-Reeves advertising agency; John Pierson, attorney, General Mills, Inc., and E. Scott Maynes, associate professor of economics at the University.

(MORE)

A discussion of "New Developments in Pension Portfolio Management" will be led by J. Russell Nelson, University associate professor of finance. Discussants will include Paul Jessup, University assistant professor of finance; Robert E. Blixt, portfolio manager, Minnesota State Board of Investment; Joseph E. Murphy, Jr., trust investment division, Northwestern National Bank; and Peter O. Dietz, associate professor of finance at Northwestern University.

"The Search for a Common Body of Knowledge for Accountants" will be discussed by chairman Jay M. Smith, Jr., associate professor and chairman of the accounting department at the University; John K. Simmons, University assistant professor of accounting; Miles A. Lea, controller of the flour mills division of Peavey Co., and Richard Thorsen, partner in the firm of Anderson, Helgeson, Lieser and Thorsen.

"Using Organizational Research Findings as an Effective Management Tool" will be the topic discussed by chairman Herbert G. Heneman, Jr., professor and chairman of the department of industrial relations at the University of Minnesota; William F. Weitzel, Jr., University assistant professor of industrial relations; Robert Upsahl, University assistant professor of industrial relations and psychology; Frank Schiel, vice president and director of personnel, Super Valu, Inc.; Robert Watson, vice president of personnel and organizational planning, the Pillsbury Co.; and Roy Yamaharo, manager, Manpower Planning, General Mills, Inc.

The program and dinner are both open to the public. Tickets can be obtained from Dennis Swan, Minnesota Alumni Association, University of Minnesota, Minneapolis, telephone 373-2466.



UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 25, 1967

For further information, contact:  
DORIS FENICK, 373-2126

NATIONAL STUDENT POWER CONFERENCE  
TO BE HELD AT U OF M NOV. 17 TO 19

(FOR IMMEDIATE RELEASE)

Minneapolis---The University of Minnesota Student Association (MSA) will host some 400 to 500 student leaders from throughout the United States Nov. 17-19 when the National Student Association (NSA) holds its Student Power Conference in Minneapolis.

Invitations were extended this week to approximately 2,200 schools and student organizations---many of them not currently members of the NSA---according to an announcement made Wednesday (Oct. 25) in a national press conference in Washington, D. C., by Edward Schwartz, NSA president.

William C. Newell, president of the MSA, said that the subject of student power had dominated the XXth National Student Congress, held last summer in College Park, Md., and that a national conference of all students on this question had tentatively been set at that time.

"Minnesota, as the largest delegation at the summer conference and one that had been working on this topic for some time, extended its invitation then, he added.

Principal conference meetings and speeches will center in Coffman Union on the University's Minneapolis campus, Newell said, with seminars and discussions being held in many campus class and meeting rooms. Delegates will stay in hotels and motels near the campus.

In the invitation to students throughout the nation, Schwartz said:

"You have nothing to lose but your dorm hours and restrictions, your arbitrary expulsions, your outrageous bookstore prices, your speaker bans, your press censorship, and the other manifestations of your lack of power."

(MORE)

In the letter Schwartz listed, as the student power tactics and strategies to be pressed, the need for work by means of:

- 1- the press---campus, state and national
- 2- incorporation and/or gaining financial autonomy
- 3- student unions
- 4- mass action---strikes, sit-ins, etc.
- 5- educational reform---experimental colleges, course and teacher evaluations, etc.
- 6- gaining control of residence governments---curfews, dorm restrictions
- 7- the courts
- 8- critical examination of religiously oriented colleges and universities

"This conference is not designed to produce manifestos, statements or resolutions," he concluded. "It is designed to provide a time and a place for those who wish to discuss and to plan concerted, nationally coordinated action."

Newell, under whose leadership the MSA studied the subject of student power during the entire summer, pointed out that the ideas and demands of the national group did not necessarily represent the thinking at Minnesota.

"We look forward to this as an opportunity for Minnesota people to understand the development of this national group, and we feel that this conference should be beneficial for the University of Minnesota," he said.

"While we, here at Minnesota, currently are not in a situation similar to the one at the University of Wisconsin, or the one that has been going on for the past three years at Berkeley, still a potential force for similar development does exist here. This conference may help us locally to think out such of our current local problems as those that I listed in my speech (Thursday, Oct. 19) before the MSA Assembly."

In his MSA Assembly address Newell made these recommendations for student participation in non-academic areas:

1- That power be delegated to such appropriate bodies as Board of Residence Halls, the Interfraternity Council and the Pan-Hellenic Council for policies regarding campus living accommodations.

2- The responsibilities of the Senate Committee on Student Affairs must be delegated to the student senate.

3- The division of the student incidental fees must be determined by a student committee.

4- The student governments will establish regulations for student behavior relating to those not already governed by civil law.

In what he referred to as "the more important area" of academic life, the MSA president seeks:

1- Student representation on the faculty senate.

2- Establishment of departmental councils involving students and faculty working together to establish policies concerning curriculum, course requirements and faculty.

3- Establishment of a community council composed of equal representation by faculty, students and administration to consider areas such as cultural programming, bookstores, food service, building of low-cost married student housing and establishment of new parking facilities and rates.

In concluding his speech, Newell said:

"Ultimately, student power challenges everyone in the University. It challenges students to accept the responsibilities that ultimately are theirs to accept; it challenges them to make the necessary decisions that grow out of these responsibilities; it challenges the administration and faculty to re-evaluate their concept of the University so that they will be able to persuade when persuasion is necessary and so they will be able to participate in the new University which will ultimately result."

UNIVERSITY OF MINNESOTA  
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OCTOBER 26, 1967

For further information, contact:  
DORIS FENICK, 373-2126

PIANIST ZGODAVA  
TO GIVE CONCERT  
IN COFFMAN UNION

(FOR IMMEDIATE RELEASE)

Pianist Richard Zgodava, soloist and accompanist for the Minneapolis Symphony Orchestra, will appear in concert Tuesday (Oct. 31) at the University of Minnesota.

The concert, sponsored by the Coffman Union Board of Governors as a part of its Chamber Series, will be given at 8:30 p.m. in Coffman Union gallery.

University students will be admitted with no charge; non-students will be charged \$1.

Works by Handel, Scarlatti, Hindemith, Chopin and Brahms are programmed.

Zgodava has made a number of appearances as accompanist with nationally and internationally known artists and is frequently heard in chamber music concerts in the Twin Cities area. He formerly was a Fulbright scholar in England.

-U N S-

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OCTOBER 26, 1967

For further information, contact:  
BETH KENT, 373-5166

FALL LEGAL INSTITUTE  
FEATURES MOCK TRIAL  
OF PERSONAL INJURY CASE

(FOR IMMEDIATE RELEASE)

A two-day institute devoted entirely to a demonstration of the trial of a personal injury case will be held Thursday and Friday (Nov. 2-3) at the Hotel Leamington, Minneapolis.

The program, entitled "The Personal Injury Case---From Voir Dire to Verdict," is the 17th Annual Fall Institute conducted by the Minnesota State Bar Association and the University of Minnesota General Extension Division's department of continuing legal education.

Cost of the course is \$30 if paid by Wednesday, Nov. 1, and \$35 if paid after that date. The fee includes a luncheon, coffee breaks, and a copy of the 900-page manual, "The Lawyers' Guide to Medical Proof," which retails for \$35.

The demonstration trial will focus upon an allegation of traumatic neurosis. The subject matter allows the trial counsel the opportunity to examine lay witnesses, as well as to direct and cross-examine medical testimony. In addition, the counsel will be able to explore questions surrounding the admissibility of the results of such tests as the Minnesota Multiphasic Personality Inventory and the Narco analysis.

The demonstration will be tried before Robert J. Sheran, Minnesota supreme court justice; Leonard J. Keyes, St. Paul district court judge; and a jury selected from volunteer law students and legal secretaries.

(MORE)

Medical testimony will be presented by qualified neurologists and psychiatrists, and lay testimony by professional actors and actresses. At various times during the trial, panels of experienced senior trial lawyers will comment on the types of examination techniques used.

Late registration will be held from 8:30 to 9:15 a.m. on Thursday (Nov. 2) in the Wisconsin Room foyer of the Hotel Leamington.

The trial will be conducted in the Wisconsin/Iowa Room. Sessions Thursday will be held from 9:15 a.m. to 12:30 p.m., and from 1:30 to 4:30 p.m. Sessions Friday will begin at 9:30 a.m. and follow the same schedule.

No time limit has been set for any segment of the trial, but Thursday sessions are expected to proceed in the following order: opening statement---voir dire; examination of plaintiff's lay witnesses; evaluation panel; question and answer session; examination of plaintiff's medical witnesses; evaluation panel; and question and answer session.

Friday sessions are expected to proceed in the following order: examination of defendant's medical witnesses; evaluation panel; question and answer session; summation; and evaluation panel.

The Lawyers' Wives of Minnesota have scheduled a program on Thursday for wives of lawyers attending the institute. The activities include a luncheon speech on the subject, "Wills and What a Lawyer's Wife Should Know About Them."

For more information about the institute, contact Continuing Legal Education, 338 Nolte Center for Continuing Education, University of Minnesota, Minneapolis, Minn., 55455; telephone 373-5386.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
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OCTOBER 26, 1967

MYLES L. MACE,  
HARVARD PROF,  
TO RECEIVE 'U' AWARD

For further information, contact:  
JUDY VICK, 373-2126

(FOR IMMEDIATE RELEASE)

Myles LaGrange Mace, professor of business administration at Harvard University, will receive the University of Minnesota Regents' Outstanding Achievement Award on Thursday (Nov. 2).

Malcolm Moos, University president, will present the award to Mace at the School of Business Administration Alumni Association's annual institute dinner at 6:30 p.m. in the Leamington Hotel.

Mace will be cited as "a valued consultant and board director for many prestigious corporations, renowned expert on domestic and international corporate planning, eminent author and educator, effectively dealing with problems of business management."

A native of Montevideo, Minn., Mace received a bachelor's degree in law from the University of Minnesota in 1934. He graduated from the St. Paul College of Law in 1938. He received his master's and doctor of commercial science degrees from Harvard University.

Mace joined the Harvard faculty in 1938. He served as a lieutenant colonel in the U. S. Army Air Force from 1943 to 1946 and received the Bronze Star medal. From 1955 to 1958 he was vice president and general manager of the electronic equipment division of Litton Industries, Inc.

He is a director of Beech-Nut Life Savers, Inc.; Fansteel Metallurgical Corporation; Interchemical Corporation; Litton Industries, Inc., and Josten's.

Mace is the author of "The Board of Directors in Small Corporations," "The Growth and Development of Executives," and "Management Problems of Corporate Acquisitions."

Mace and his wife, the former Adelaide Rowley, a 1934 graduate of the University of Minnesota, live in Dover, Mass. They have two sons.

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For further information, contact:  
JUDY VICK, 373-2126

NAVIGATOR TO SPEAK  
AT JAMES FORD BELL  
ANNUAL MEETING

(FOR IMMEDIATE RELEASE)

Captain A. Roland Jones, a master mariner, will speak Monday (Oct. 30) at the annual meeting of the Associates of the University of Minnesota's James Ford Bell Library.

Captain Jones has followed the sun and stars in navigating some of the world's largest ocean-going vessels, as well as tiny ships on the remote rivers of Borneo. Now a teacher of physics and astronomy at the Virginia Military Institute, Lexington, Va., and director of its planetarium, he spent 20 years at sea. He has served on the Queens Mary and Elizabeth, the Ile de France and the Mauretania. He was troop officer on the Queen Elizabeth during World War II. Jones, a native of England, is now a U. S. citizen.

"The Winged Horse" is the topic of his talk to be presented in the Minneapolis Library planetarium following a 7 p.m. dinner in the University of Minnesota Alumni Club. He will discuss the methods navigators might have used in traveling from Europe to the New World some 2,000 years ago.

Maynard B. Hasselquist is chairman of the Associates. Directors include Elmer L. Andersen, T. R. Anderson, Mrs. John Stewart Dalrymple, Mrs. Walter U. Hauser, Irving B. Kreidberg, John E. Tilton, and Lyman Wakefield. John Parker is curator of the James Ford Bell Library.

The meeting is not open to the public.



UNIVERSITY OF MINNESOTA  
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OCTOBER 27, 1967

'U' DENTISTRY SCHOOL  
EXPERIMENTS WITH  
DENTAL ASSISTANTS

For further information, contact:  
ROBERT LEE, 373-5830

(FOR RELEASE SUNDAY, OCT. 29)

Minneapolis---The University of Minnesota School of Dentistry is conducting experimental courses for two new types of dental assistants.

The school has received three U. S. Public Health Service grants to start this experimental program.

The new dental assistants being trained are of two types: orthodontic technicians, who will assist orthodontists in correcting teeth and jaw problems, and pediatric dental auxiliaries, who will enable a dentist to increase his proficiency by an estimated 70 per cent.

Two years ago Dr. Robert Isaacson, professor of dentistry, received a federal grant to experiment in the training of dental technicians to assist orthodontists.

Dr. Isaacson cited the growing general shortage of dental personnel and added that he estimated one-fourth of the country's population needed to have corrective occlusion (bite) work done.

He said he hoped his experimental program would determine how many orthodontic technicians could be trained without sacrificing quality.

More than half of the 5,000 orthodontists in the country entered the field within the last six years, Dr. Isaacson pointed out. Presently about 10 per cent of the University's dental school graduates are enrolling in this graduate-level program.

Two graduates of the regular one-year dental assistants' program completed the orthodontic technician course in March and four more women began it in July.

Part of their training includes working with orthodontists in the two-year residency program. The women keep careful records of the subtle changes in the jaws and teeth of the patient; take impressions and make models of the mouth; and install and adjust the tiny wires used to guide teeth into alignment to correspond to the jaw size.

(MORE)

All this is done under the close supervision and inspection of the graduate-student dentists as well as Dr. Isaacson and his staff.

Dr. Freeman Rosenblum, assistant professor of dentistry and acting chairman of pediatric dentistry, is the director of the one-year pediatric dental auxiliary program.

The auxiliary applies a preliminary topical anesthetic and, after the dentist has prepared the tooth, she inserts a filling and completes the tooth's restoration.

The auxiliary also takes impressions and prepares study models for the dentist's analysis as well as makes and installs space maintainers prescribed and designed by the dentist.

The dental auxiliary program started in July with four women who were picked from many applicants because of their varying experience and aptitude. All four had completed a one-year dental assistant program.

After three months of lab work they will be spending nine months caring for children aged 3 to 12 years.

The University's experimental programs, which came at the impetus of the American Dental Association's Council on Manpower, have been encouraged by the Minnesota State Dental Association.

The University of Alabama has been working on a similar program for some four years except that its trainees deal solely with adult dentistry.

The importance of developing programs for training these new dental assistants is pointed up by the dwindling ratio of dentists to patients in Minnesota.

In 1940, Minnesota had 77 dentists per 100,000 people, but by 1965 the ratio had dropped to 67 per 100,000.

Dr. Erwin M. Schaffer, dean of the University's School of Dentistry, said today the situation will get worse before it gets better.

He added the problem could reach crisis proportion if the 27 per cent of dentists in the state who are 65 or older decided to retire.

"If those 616 dentists were all to retire this year," he theorized, "it would take us 10 years to replace them at the present rate of graduation and retention in the state. While we are replacing them, another group of 432 would reach retirement age."

If those dentists 65 or older did retire this year, Minnesota would have 49 dentists per 100,000 population, or six under the national average.

"It is important," Dean Schaffer continued, "not only to add to our facility to increase dental-student class size (from 115 to 150), but we also are exploring these other avenues of help for the state's 2,400 dentists."

He attributed the growing demand for health services to people living longer; moving from rural to urban areas; becoming better educated; having greater affluence; better dental-health communication, and pre-paid dental health plans.

"When the increasing demands meet the shortage of dental personnel, we're going to have a crisis in rendering oral-health services.

"It's just not enough to increase class size and graduate more dentists; we must employ preventive dentistry measures such as fluoridation and early dental care for children, proper diets, and good dental hygiene techniques in the home.

"We also need greater utilization of existing dental auxiliary workers; more dental aides; and new types of auxiliary assistants for the dentists such as those we're now experimenting with," Dean Schaffer maintained.

The University's School of Dentistry will admit larger classes of dental students, dental hygienists and dental assistants in the early 1970s but in the meantime has expanded the dental curriculum as much as its antiquated facilities will allow.

Last year Dr. John Grewe, former acting chairman of pediatric dentistry, received a \$38,219 grant for the pediatric auxiliary program. The orthodontic technician program has received grants of \$10,202 and \$20,325 for its two-year program.

Both Dr. Isaacson and Dr. Rosenblum indicated they will apply for additional grants when the classes end this June to get additional equipment, revise the curriculum and continue the experiment with more auxiliaries, for what is hoped will add a significant dimension to health care in this state.

Dean Schaffer summarized one of the many problems involved in evolving the experimental courses into practical results: "If the new dental auxiliaries are going to be assimilated into the dental community, there will have to be changes in either the Dental Practice Act or the regulations of the State Board of Dental Examiners, which prohibits anyone but the dentist from filling teeth or installing appliances."

UNIVERSITY OF MINNESOTA  
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TELEPHONE: 373-2126  
OCTOBER 27, 1967

LIST OF UNIVERSITY OF MINNESOTA, MINNEAPOLIS CAMPUS, PUBLIC EVENTS  
WEEK OF OCT. 29-NOV. 5

- Sun. -- Oct. 29--University Gallery: three shows---"Recent Acquisitions through the Nordfeldt Fund," "Prints from the Mourlot Press" and "Pottery by John Swift;" through Nov. 9. Gallery open 2-5 p.m. Sundays, 8-4 p.m. weekdays, third and fourth floors, Northrop auditorium. Free.
- Mon. -- Oct. 30--Special convocation: F. Lee Bailey, noted criminal lawyer, speaks on "Justice and the Free Press;" 8 p.m., Northrop auditorium. Free.
- Mon. -- Oct. 30--Special lecture: Dr. Frederick C. Bartter discusses "Bartter's Disease," 12:30 p.m., 178 Jackson hall. Free.
- Tues. - Oct. 31--Musical Series, "Explorations in Jazz:" this week's lecture-demonstration "Rhythm of Jazz," 1:15 p.m., Coffman Union main ballroom. Series or individual tickets.
- Tues. - Oct. 31--Special lecture: Dr. Bertil Molde, teacher of Scandinavian at Stockholm University, speaks on "Anglo-American Influence on Swedish;" 4 p.m., Murphy auditorium. Free.
- Tues. - Oct. 31--Chamber Series concert: Richard Zgodava, pianist; 8:30 p.m., Coffman Union gallery; students free; others \$1.
- Wed. -- Nov. 1 --Convocation: Cambridge-Dublin University debate team vs. University of Minnesota debate team: Topic: "Resolved---That Private Morality Is No Concern of the Law." 12:15 p.m., Northrop auditorium. Free.
- Thurs.- Nov. 2 --University Theatre: Opening, Albee's "Tiny Alice;" 8 p.m., through Saturday; Scott hall. Tickets.
- Thurs.- Nov. 2--Lecture: John Paddock, co-chairman, department of anthropology, University of the Americas, Mexico City, discusses "New Light on Ancient Mexico," 8 p.m., Bell Museum auditorium. Free.
- Thurs.- Nov. 2 --Musical: "Roar of the Greasepaint---Smell of the Crowd," presented by the Dance and Drama committee, UBOG; 8 p.m. through Saturday, Game room, Coffman Union. Tickets at door.
- Thurs.- Nov. 2 --University Concert Choirs and Minneapolis Symphony Orchestra and concerts: Penderecki's "Passion and Death of Our Lord, Jesus Christ, According to St. Luke." 8 p.m. Thursday; 8:30 p.m. Friday. Northrop auditorium. Free.
- Fri. -- Nov. 3 --University Film Society: "Strike" (Russia, 1924) and "Chapauaev" (Russia, 1934) 7:30 and 9:30 p.m., Bell Museum auditorium. Tickets.
- Sun. -- Nov. 5 --Piano recital: James Callahan, MFA candidate; 8:30 p.m., Scott hall auditorium. Free.
- Sun. -- Nov. 5 --Bell Museum of Natural History Sunday Program series: Opening program---"The Far, Far North," by Professor Walter J. Breckenridge, museum director; 3 p.m., museum auditorium. Free.

UNIVERSITY OF MINNESOTA  
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OCTOBER 27, 1967

SEX, PRIVATE MORALITY  
TOPICS FOR DEBATES  
WITH CAMBRIDGE-DUBLIN

For further information, contact:  
JUDY VICK, 373-2126

(FOR IMMEDIATE RELEASE)

Private morality and sex will be the topics for debates next week between teams from the University of Minnesota and Cambridge-Dublin University.

"Resolved That Private Morality Is No Concern of the Law" will be debated at 12:15 p.m. Wednesday (Nov. 1) in Northrop auditorium.

E. William Smyth, a 1967 graduate of University College, Dublin, Ireland, and a law student at King's Inn, Dublin, and Michael Tugendhat, a 1967 graduate of Gonville and Caius College, Cambridge, England, will comprise the Cambridge-Dublin team.

Representing Minnesota will be Bruce Pedersen, a junior speech major from Minneapolis, and Warren Wolter, a sophomore history major from Hopkins.

One member of each team will be affirmative and one member from each will be negative.

Wednesday is the annual College of Liberal Arts day at the University of Minnesota.

"Resolved That This House Would Not Censor Sex" will be debated at 8 p.m., Wednesday (Nov. 1) in the St. Paul Student Center.

Smyth and Tugendhat will debate Barry Kirchmeier, a senior political science major from Windom, Minn., and Ron Wallace, a sophomore from Edina. The British team will support the affirmative; the Minnesota team the negative.

The debates are open free to the public and are sponsored by the convocations advisory committee.

The Britishers will debate at the Duluth campus Monday (Oct. 30) and on the Morris campus Thursday (Nov. 2).

UNIVERSITY OF MINNESOTA  
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OCTOBER 30, 1967

For further information, contact:  
GLENN ICKLER

LEADING CANADIAN  
RADIO ASTRONOMER  
TO SPEAK AT UNIVERSITY

(FOR IMMEDIATE RELEASE)

Donald A. MacRae, noted Canadian radio astronomer, will speak at the University of Minnesota Wednesday (Nov. 1) at 8 p.m.

MacRae is the 1967-68 traveling lecturer for the Society of the Sigma Xi and its affiliated society, the Scientific Research Society of America. He will speak at many colleges, universities and research laboratories during the current academic year.

MacRae's topic will be "Scanning and Probing the Milky Way." He will speak in the James Ford Bell Museum of Natural History auditorium on the Minneapolis campus.

MacRae is director of the University of Toronto's David Dunlap Observatory and chairman of the department of astronomy. He is a fellow of the Royal Society of Canada and is a member of several professional societies.

In addition to his interest in the Milky Way, MacRae has been involved in research in radio astronomy almost since its beginning. He was associated with the Cornell University group which was one of the first in America to begin studies in this field in the mid-forties.

UNIVERSITY OF MINNESOTA  
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OCTOBER 30, 1967

UNIVERSITY OF MINNESOTA FOUNDATION ANNOUNCES  
FREDERICK R. KAPPEL PROFESSORSHIP

For further information, contact:  
NANCY PIRSIG, 373-2126

(FOR RELEASE AT NOON TUESDAY, OCT. 31)

The University of Minnesota Foundation today announced a \$500,000 endowed professorship that will honor one of the University's most distinguished graduates, Frederick R. Kappel.

The endowed chair will be called the Frederick R. Kappel Professorship in Business and Government Relations, and will focus study and attention on this critical area. It is being given to the University of Minnesota by the University Foundation, an independent group that raises money for University needs for which legislative funds are generally not available. The Foundation is receiving the money from a special fund-raising committee formed by friends of Kappel.

The announcement of the chair was made in New York following a Foundation business meeting and luncheon in the Time-Life building. The Foundation took the unprecedented step of scheduling its regular quarterly meeting in New York City to conclude some Foundation-related affairs there. Most of its 29-member Board of Trustees flew to New York for the occasion, joining the trustees who live in the New York area.

Kappel, one of the founding trustees of the Foundation, is the recently retired chairman of the board of American Telephone and Telegraph Co. (AT&T), the world's largest corporation. He is a 1924 graduate of the University of Minnesota and in 1966 received an honorary doctor of engineering degree from the University, one of only 46 honorary degrees given in its history.

The search now will begin for a professor to occupy the chair, which he will hold until he retires or leaves the University. The manner of selection has not yet been decided, but it is hoped that an occupant will be found by next fall.

(MORE)

More than 100 donors---friends and admirers of Kappel, corporations and foundations interested in further study in the area of business-government relations ---have contributed funds to help endow the chair, and further contributions still are coming in. The 13-member fund-raising committee is headed by Sidney J. Weinberg of Goldman, Sachs & Co., New York.

At the New York luncheon, presided over by Arthur H. ("Red") Motley, president of Parade Publications and a Foundation trustee, Weinberg presented the funds raised thus far to Carlyle E. Anderson of Evanston, Ill., chairman of the Foundation's Board of Trustees.

Anderson in turn presented them to University President Malcolm Moos, who spoke briefly on the significance of the gift and the impact the chair will have on the University, as well as on the area of business-government relations. He also stressed the Foundation's current program of raising funds for 20 such chairs, and stated that the University will match any funds given to it for endowed professorships.

This first chair is intended to honor Kappel's deep concern with and lifetime work toward bringing about better understanding between members of government and managers of business enterprise. Kappel "has consistently demonstrated his belief in the value of close ties between the business community and the university," Motley pointed out.

The chair will be dedicated to an objective examination of the numerous interacting relationships between business and government.

"The extraordinarily diverse economy of this country cannot be thought of as having only two parts, public and private enterprise," Carlyle Anderson has said in describing the purpose of the chair.

"The term 'business' is an abstraction for a multiplicity of institutions organized for profit. 'Government' applies to many lawmaking, executive and judicial bodies and agencies besides those at the federal level. The functioning of all these entities involves the interplay of complex market forces, political processes, and both profit-oriented and non-profit activities."

These relationships are continuously changing, Anderson added, with new concepts appearing of the social responsibilities of both business and the public agencies. In addition, the position will provide an important avenue for interchange between the academic and business communities.

The Kappel Chair will be located in the University's School of Business Administration, headed by Dean Paul V. Grambsch, a school which has long been committed to the concept that "it must be concerned with the processes of business decision making, including the interactions of business and government," Grambsch says.

Kappel is a native of Albert Lea, Minn., who began his career in 1924 with the Northwestern Bell Telephone Co., and rose in that firm to become vice president of operations in 1942, when he also became a director of the company. In 1949 he joined AT&T as vice president, which he remained until 1954; became president and director in 1956, and was chairman of the board from 1961 to January 1967. For two years, 1954-56, he was president of the Western Electric Co.

He currently is head of the U. S. Commission on Postal Organization.

He also has served as director of the Chase Manhattan Bank, the Metropolitan Life Insurance Co., Jersey Standard Oil, and General Foods Corp.; as trustee for the Grand Central Art Galleries, Inc., and of the Tax Foundation, Presbyterian Hospital (New York); and member of the Business Advisory Council of the U. S. Department of Commerce, and of the advisory council for the School of Industrial Management at M.I.T.

In 1954, the University of Minnesota Board of Regents gave Kappel an Outstanding Achievement Award. In 1966, it conferred upon him an honorary doctor's degree, one of three given at the June commencement exercises. The other two went to Vice President Hubert H. Humphrey and Auxiliary Bishop James Patrick Shannon.

He holds, in addition, honorary degrees from Yale University, Lehigh University, Knox College, Union College and Ohio Wesleyan University.

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(MORE)

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-220 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 31, 1967

JOHN PADDOCK TO DISCUSS  
MEXICAN ANTHROPOLOGICAL  
DISCOVERIES AT U OF M

For further information, contact:  
GLENN ICKLER, 373-2126

(FOR IMMEDIATE RELEASE)

John Paddock, co-chairman of the department of anthropology at the University of the Americas, Mexico City, will discuss "New Light on Ancient Mexico" at the University of Minnesota Thursday (Nov. 2).

Paddock will speak at 8 p.m. in the James Ford Bell Museum of Natural History auditorium on the Minneapolis campus.

The lecture will deal with some anthropologic discoveries made in Mesoamerica during the past three years. Paddock will emphasize discoveries relating to the Olmec civilization and the rise of the Meso-america civilization.

Mesoamerica includes Mexico and Guatemala and was the home of the pre-Aztec, Aztec and Mayan cultures.

Paddock is president of the executive council of the Frissell Museum of Zapotecan Art in Mitla, Oaxaca. The museum was established by a University of Minnesota Law School graduate who retired in Mexico in 1950 and became interested in ancient Oaxacan art.

Paddock has worked on several important archaeological excavations in Mexico and is the editor of a recently published collection of papers on Oaxacan archaeology entitled "Ancient Oaxaca."

The lecture is sponsored by the departments of anthropology and of concerts and lectures.

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FAMILY THERAPY EXPERT  
TO BE SPEAKER  
AT MOORHEAD WORKSHOP

For further information, contact:  
BETH KENT, 373-5166

(FOR IMMEDIATE RELEASE)

Virginia Satir, nationally recognized expert in the field of family therapy, will demonstrate and discuss her theories and techniques during the Minnesota Workshop on Family Counseling, to be held Thursday through Saturday (Nov. 2-4) at the Holiday Inn in Moorhead.

The program, intended for social welfare and mental health professionals, will be conducted by the University of Minnesota School of Social Work and General Extension Division's department of conferences and institutes.

Mrs. Satir will be introduced at 9 a.m. and will be responsible for the entire program on Thursday. Her presentation will focus on her own method of counseling, termed "conjoint family therapy" which is a system of multiple client interviewing, usually with members of the same family.

Mrs. Satir is currently the director of the Esalen Satir Family Growth Center, Esalen Institute, Big Sur Hot Springs, Calif. She is a psychiatric social worker and has worked in psychiatric clinics, mental hospitals, probation and parole services, and family service agencies. At the present she serves as a consultant to many family research projects and training programs throughout the United States.

Four social workers who have practiced and taught family counseling will explore aspects of family communication and therapy theory and process during the Friday and Saturday sessions.

An identical program on family counseling, with the same speakers, will be conducted by the University Jan. 4-6 in Duluth.

A similar program, featuring different speakers, will be held later in the year in the Twin Cities.



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For further information, contact:  
JUDY VICK, 373-2126

TINY ALICES  
ADMITTED FREE  
TO 'U' PRODUCTION

(FOR IMMEDIATE RELEASE)

Tiny Alices will be admitted free to the University of Minnesota Theatre's production of Edward Albee's play, "Tiny Alice."

The contemporary drama which deals with the pageantry of life opens Thursday (Nov. 2) in Scott Hall at the University.

Free tickets will be given to women over the age of 18 who can identify themselves as "Alices" and who measure five feet tall or less. There are no weight restrictions. Neither is it necessary that the woman bear a character resemblance to the Miss Alice of Albee's creation. She is described as "goddess, priestess, everything and nothing."

The offer is good for all performances of the adult drama, which will be presented at 8 p.m. Nov. 2 to 4 and Nov. 8 to 11, and at 3:30 p.m. Nov. 7 and 12.

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For further information, contact:  
JUDY VICK, 373-2126

'U' GRAD STUDENT  
TO PLAY  
PIANO RECITAL

(FOR IMMEDIATE RELEASE)

James Callahan, a candidate for a master of fine arts degree from the University of Minnesota, will play a piano recital Sunday (Nov. 5) at 8:30 p.m. in Scott Hall, University of Minnesota, Minneapolis campus.

Works by Mozart, Schubert, Webern and Ravel will be included in the program.

Callahan, originally from Albany, Minn., is a graduate of St. John's University, Collegeville, Minn. He was accompanist for the St. John's University Men's Chorus for four years and was a featured soloist during its 1962 European tour. He spent a year studying piano, organ and composition at the Vienna Academy of Music in Austria and attended classes at the Mozarteum International Summer Academy in Salzburg, Austria. Callahan has presented organ recitals in Europe and the United States.

He plans to continue study for his doctor of philosophy degree in composition.

The program for his Sunday concert, sponsored by the University music department, is as follows:

Mozart.....Nine Variations on a Minuet by Duport, K. 573

Schubert.....Sonata in A,D.V. 959  
Allegro  
Andantino  
Scherzo: Allegro vivace  
Rondo: Allegretto

Webern.....Variations for Piano Op. 27  
Sehr massig  
Sehr schnell  
Ruhig fliessend

Ravel.....Gaspard de la Nuit  
Ondine  
Le Gibet  
Scarbo

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For further information, contact:  
DORIS FENICK, 373-2126

DR. SCHIOTZ, HIGH  
LUTHERAN OFFICIAL,  
TO SPEAK AT U OF M

(FOR IMMEDIATE RELEASE)

The Reverend Dr. Fredrik A. Schiotz, president of the American Lutheran Church and of the Lutheran World Federation, will be the convocation speaker Thursday, Nov. 9, at the University of Minnesota.

He will speak on "Reformation---Event or Living Stream?" at 3:15 p.m. in Northrop auditorium.

The address, open free to the public, will be sponsored by the University department of concerts and lectures and the Lutheran Student Association.

A native of Chicago, Dr. Schiotz graduated from St. Olaf College, Northfield, and received bachelor of divinity and master of sacred theology degrees from Luther Theological Seminary, St. Paul.

In 1947 he assisted in the organization of the Lutheran World Federation at Lund, Sweden, and was elected its president in 1963. In addition to his duties with this organization, he serves on the executive committee of the Lutheran Council in the United States and is a member of the central committee of the World Council of Churches.

He has received honorary degrees from educational institutions throughout the world as well as the honorary gold lamb award given by the national Lutheran Committee on Scouting and the Centennial award from Augustana College, Sioux Falls, S. D.