

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 1, 1972

NEWSMEN: For further information  
contact BILL HUNTZICKER, 373-7512

MEMO TO NEWSMEN

The Board of Regents will hold a special meeting on Wednesday, Aug. 9, in the Regents' Room, 238 Morrill hall, University of Minnesota. (The board does not have a regularly scheduled August meeting.)

The physical plant and investments committee will meet at 2:15 p.m. to take action on the 1973 Legislative building request.

At 3:30 p.m. two committees will meet jointly to discuss the overall 1973 Legislative request. They are the budget, audit and legislative relationships committee and the educational policy and long-range planning committee.

The full board will meet at 4:30 p.m. On the agenda for action will be several items uncompleted at the July board meeting, including a policy on student members of Regents' committees, and some appointments.

Regents' meetings during the coming year will take place on the following dates, all in 238 Morrill hall unless otherwise noted:

Sept. 8

Oct. 13 -- Grand Rapids Experiment Station

Nov. 10

Dec. 8 -- St. Paul campus

Jan. 12

Feb. 9

March 9

April 13

May 11 (annual meeting).

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NEWSMEN: For further information  
contact WILLIAM HODAPP, 373-2186

'U' GETS \$395,000  
DRUG ABUSE GRANT

(FOR IMMEDIATE RELEASE)

The University of Minnesota has received a \$395,000 three-year grant to assist health professionals and social workers in understanding drug abusers.

According to Project Director William Hodapp, coordinator for continuing education in the health sciences at the University, the program will try to develop non-judgmental attitudes among health professionals so that drug abusers will feel free to seek treatment within the health care system.

Co-director is Dr. Robert G.B. Bjornson, chairman of the radiology department at St. Paul Ramsey Hospital. The grant was awarded by the Division of Narcotic Addiction and Drug Abuse, National Institute of Mental Health.

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NEWSMEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

'U' PARENTS ASSOCIATION  
HOLDS ANNUAL COFFEE HOURS

(FOR IMMEDIATE RELEASE)

The Parents Association on the University of Minnesota's Twin Cities campus is beginning its annual series of coffee hours for parents of new students.

At the coffee hours, parents may ask any questions they might have about the University. The sessions are attended by Martin Snoke, the association's secretary and executive assistant to the vice president for student affairs; Paul Moore, coordinator for the association; and members of the Student Counseling Bureau staff.

The coffee hours are held every weekday through Aug. 24 from 8 to 10 a.m. in the men's lounge on the second floor of Coffman Union.

From Sept. 6 to 22 the coffee hours are scheduled for the same time and place on Mondays, Wednesdays and Fridays.

The Parents Association already has sent invitations to 7,000 families of students newly accepted by the University.

The association is made up of parents of University students and some administrators.

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NEWSMEN: For further information  
contact WILLIAM HODAPP, 373-2186

'U' HAS EDUCATIONAL TAPES  
FOR STATE PHARMACISTS

(FOR IMMEDIATE RELEASE)

A continuing education course on "Infectious Disorders and Drug Therapy" has been put on audio-tape cassettes for state pharmacists by the College of Pharmacy at the University of Minnesota.

The six hour-long tapes, with other materials and a self-check test, can be ordered for \$35 from the college's department of continuing education.

A second series of eight tapes is being prepared on "Biopharmaceutics' Role in Drug Selection."

The taped learning units were developed in conjunction with the Committee on Institutional Cooperation which was established to conserve resources, share faculty and facilities, and improve cooperation within the member institutions (the Big Ten schools and the University of Chicago).

Two other taped units are also available from the University of Wisconsin Extension Services in Pharmacy at Madison. The titles: "Selected Topics in Pharmacology" and "Clinical Drug Interaction."

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

'U' RESEARCHERS GET \$160,000  
NATIONAL FOUNDATION GRANTS

(FOR IMMEDIATE RELEASE)

Four University of Minnesota medical researchers have received grants from the National Foundation-March of Dimes totaling more than \$160,000.

Dr. Robert A. Good, Regents' Professor of Pediatrics and Microbiology, received \$100,000 to continue his study of the underlying congenital defect in immunological deficiencies.

Dr. William Krivit, professor of pediatrics, received \$30,000 to establish a diagnostic center for enzyme deficiency diseases such as Tay-Sachs' disease which is invariably fatal.

Dr. George Tagatz, assistant professor of obstetrics and gynecology, received \$19,344 to monitor the maternal blood level of Estetrol (E4), a hormone produced by the fetus and a unique indicator of fetal distress. If changes in E4 production are more sensitive and reliable than current methods, assaying E4 may become a standard method of monitoring high-risk pregnancies.

Dr. Harvey Sharp, associate professor of pediatrics, received \$10,887 to study the role of a particular enzyme found in children with hereditary cirrhosis of the liver.

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UNIVERSITY OF MINNESOTA  
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AUGUST 2, 1972

NEWSMEN: For further information  
contact JUDY VICK, 373-7515

NOTED ARTISTS TO CONDUCT  
SUMMER ARTS CENTER WORKSHOPS

(FOR IMMEDIATE RELEASE)

Knox Martin, noted New York, N.Y. artist who recently completed a 10-story painting, and Katherine Nash, professor of sculpture at the University of Minnesota, will conduct workshops at the University's Summer Arts Study Center near Grand Rapids, Minn., Monday (Aug. 7) through Aug. 18.

Registration is still open for the workshops, which will complete the 1972 Summer Arts Study Center program.

Martin's workshop will be in drawing and painting and Professor Nash will teach a sculpture course. Both are open to beginning and advanced students.

Martin, 49, was a member of the art faculty at Yale University for six years and was a pioneer in the "concrete expressionist" movement. His works have been shown internationally and are included in such public and private collections, as those of the Museum of Modern Art, the Whitney Museum of American Art, New York University, the Baltimore Museum, the University of California, the Art Institute of Chicago and the Albright-Knox Art Gallery. He recently completed a 10-story

(MORE)

painting on a building facing the West Side highway at 19th St. and 10th Ave. in New York. His most recent one-man show was last spring at the Galeria Bonino in New York.

Professor Nash's works have been shown internationally, including exhibitions at the Brussels World's Fair, the U.S. Consulates in London and Paris, the Whitney Museum in New York and in most of the major cities in the United States. In 1970 her work was shown throughout Minnesota in an exhibition sponsored by the Minnesota State Arts Council. She has had one-woman shows at the Walker Art Center and the Minneapolis Institute of Arts and at galleries in San Francisco, New York, Los Angeles, Rochester, Minn., and Duluth, Minn. Her sculptures have been installed in numerous public and private buildings, including the Edina (Minn.) public library and the Wright county courthouse in Buffalo, Minn.

The workshops may be taken for undergraduate or graduate credit from the University. Tuition is \$55 for the sculpture workshop and \$50 for the painting workshop.

For registration information, call (612) 373-4947 or write to the Summer Arts Study Center, 320 Westbrook hall, University of Minnesota, Minneapolis Minn. 55455.

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AUGUST 2, 1972

NEWSMEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

U OF M MARCHING BAND  
MOVES TOWARD INTEGRATION

(FOR IMMEDIATE RELEASE)

The band playing at University of Minnesota football games this fall will be like none of the previous marching bands.

The most notable innovation in the plans for an all-new band will be the addition of women. And if Band Director Frank Bencriscutto's plans work out, spectators will see a colorful halftime show with choreographed dance routines and modernized uniforms.

"We're looking toward an artistic production on the football field," Bencriscutto said, "and girls will help us provide a better halftime show."

Bencriscutto devised his new band concept to meet demands that the formerly all-male marching band be integrated. The Commission on the Status of Women Students began pressing for an integrated band last fall and it was announced in June that the band would be opened to women beginning this fall.

Bencriscutto said he wants to comply with federal and University affirmative action regulations but he doesn't want to merely assimilate women into the old-style band.

He said his new plan will emphasize the special contributions women can make to the marching band. It is also designed to meet the demands of television and spectators for more colorful and varied halftime shows.

The key words in his plan are pattern choreography, which he describes as a blend of music and motion, with some band members remaining stationary to play while others move through choreographed routines.

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Some controversy arose on campus when the commission thought Bencriscutto was suggesting that women dance in a chorus line.

After a recent meeting with commission members in which Bencriscutto outlined his plans, the commission said it approved of the direction the integrated band will take.

"I'm not suggesting that all the girls will be in a dance unit," Bencriscutto said at the meeting. "Whoever is most suited for the various dance-oriented formations will participate."

Bencriscutto added the band uniforms are as old as his tenure at the University---12 years---and he felt the logical place to start with new ones would be with the new members, the women.

"We want to get away from the old military-style uniforms and move toward uniforms with accessories so we can change the mood," he said.

The campus newspaper will soon carry an ad encouraging both men and women to join the marching band and if any baton twirlers show up---either men or women---Bencriscutto said they'll be incorporated into the program.

Bencriscutto said that few women so far have indicated an interest in joining the marching band. He'd like to see at least 50 women join the 210-member band in order to implement his plans.

The marching band, whose history dates back to 1898, has been the only segregated portion of the band program, although there were women members during World War II. Women participate in the other University bands, such as concert and ensemble bands.

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AUGUST 2, 1972

NEWSMEN: For further information  
contact JUDY VICK, 373-7515

TWO PERFORMANCES ADDED TO  
PEPPERMINT TENT SCHEDULE

(FOR IMMEDIATE RELEASE)

Two additional performances of the current production of "Rootabaga Stories" have been scheduled for 11 a.m. Thursday and Friday, Aug. 10 and 11, at the University Theatre's Peppermint Tent.

All previously announced performances of the children's play are sold out through the end of the season, Aug. 18.

"Rootabaga Stories" by Carl Sandburg is directed by Deborah Anderson, a University Theatre graduate student from Paynesville, Minn.

The cast includes Scott Cleland, a senior from Roseville; Meri Golden, a graduate student from Great Neck, N.Y.; Carla Hubbard, a sophomore from Rochester, Minn.; Thomas J. Kelsey, a senior from Lindstrom, Minn.; Karen Nienaber, a senior from Minneapolis; Joseph Rassulo, a graduate student from Harrison, N.Y.; and Fred Thompson, a graduate student from Keokuk, Iowa.

"Rootabaga Stories" is the second production of the Peppermint Tent season. Earlier in the summer the group presented "The Thirteen Clocks" by James Thurber.

The red-and-white-striped Peppermint Tent is located on the east bank of the Mississippi River near the University's Showboat. Tickets are on sale at the Scott hall ticket office on the Twin Cities campus and Dayton's at \$1 each. Phone 373-2337 for reservations.

(FOR USE IMMEDIATELY)

Feature story from the  
University of Minnesota  
News Service-S 68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
August 3, 1972

### HOW TO HANDLE A "DRUG FREAK"

by Bill Hafling  
University Science Writer

You're at a dance, sports event, or taking a walk. Suddenly a strange person comes running up to you, talking mostly nonsense or making strange noises. Or, perhaps, someone comes stumbling out of a doorway and falls flat on his face in front of you.

You've just met a "drug freak." What can you do?

Though it may take some effort at times, the first thing to remember is to remain calm. What you do next depends on your best guess as to what drug the person you've just encountered may have taken.

How to guess and what to do were demonstrated recently by faculty members Greg Kruse and Jesse Ehlert at a week long workshop on "Drugs, Education and Society," currently being held at the University of Minnesota, Duluth campus.

Learning what to do in these situations, as well as discussing and reviewing the drug problem, particularly as it relates to education, are school teachers, administrators and counselors, who make up half of each week's participating group. The other half includes parents and high school pupils invited to attend by the participating teachers.

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A GOOD "LSD" TRIP

A girl comes wandering into a school dance with a strange smile on her face, the pupils of her eyes dilated, and begins to crawl around the floor exclaiming over the patterns in the surface. The group at the dance starts to get upset and the girl needs to be taken from the room. But how?

Grabbing the girl and dragging her out forcefully is not a good idea. She may start screaming and fighting back in a panic reaction.

The best thing to do is to get her to listen. This is done by "looking at" the same things she is looking at and talking to her calmly about them. Once she begins talking to you, you can probably take her by the hand and lead her out of the room, perhaps on the promise of showing her something even better elsewhere.

Once out of the room, she can be taken to a quiet room and kept from disrupting others or harming herself while someone talks to her. If possible, a friend of the person on LSD should be called to come and talk to her. The average "trip" lasts from 6 to 24 hours.

A BAD LSD TRIP

Walking down a dark hallway, you first hear someone moaning, then see a young man huddled, shivering, on the floor. He pulls back violently as he sees you and screams, "Get'em off me. They're all over me."

Recognizing this as a case of the "creepy crawlies", a result of a bad LSD trip, you should avoid touching him.

Sitting down near him, your best tactic is to make contact with his mind. You might say, "Calm down. I'm here to help you now," and while holding your hand out to him say, "Look, this is just my hand, look at me."

Don't say, "Oh, they're all over you, are they? Here, I'll take them off you," because this will just feed his delusion.

(MORE)

Once you have his attention and trust, you can then attempt to change his bad trip into a good trip. Kruse recommends changing the environment---turning on the lights if they are off, putting on some music, if available---and getting the person to look at something pleasant, such as a sparkly ring on their finger.

Once the bad trip has been turned into a good trip, it can be handled as before. People on LSD trips will usually tell you what they have taken when asked if they've "dropped some acid."

In addition to providing emotional support for an LSD trip, the tranquilizing drugs valium or librium may be administered by a physician. The drug thorazine is not given because it interacts with the contaminants found in street drugs, causing death.

#### THE "SPEED FREAK"

Running all around, talking rapidly, laughing hysterically, twitching, sweating, aggressiveness, fearfulness---all these are characteristics of the "speed freak." The "speed freak" is high on pills or injections of such drugs as benzedrine, dexedrine or methedrine. Though the duration of drug action is only about four hours, the "speed freak" may go as long as 14 to 16 days on a trip by continuing to take the drug.

If provoked, a "speed freak" can be quite dangerous. Don't try to restrain him or you may get hurt. If possible, reduce the stimuli around him by lowering the lights, keeping noise down, and talking softly and calmly. Giving plenty of tap water to drink will help ease dry mouth and help to flush the amphetamine out of the system.

A "speed freak" who has also been drinking alcohol or taking other drugs may be even more aggressive. In addition to sending for medical help if the person is uncontrollable or convulsing, it is often advisable to send for police help to bring the aggressive type of "speed freak" under control before he hurts himself or others.

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Following a run on speed, the user may sleep for a time, then lapse into a severe depression, often with suicidal impulses. School children who have been high on speed over the weekend may show up on Monday in an extremely depressed mood and be difficult to deal with in the classroom.

### THE DRUNK

Most people are familiar with the drunk, as alcohol remains the nation's "number one drug of choice." In addition to being dangerously aggressive (many murders and other crimes are alcohol-related), the drunk may need first-aid attention once he is no longer mobile.

It is best to get the drunk up, shake him awake, and slap or pinch him to get him moving again. Vomiting should be induced by placing the drunk's fingers (not yours) down his throat.

Alcohol in high doses can and does cause death. The danger of death is even greater if the alcohol has been combined with the taking of barbiturates. Deaths from this combination have been estimated at about 3,000 per year.

### BARBITURATES

Barbiturates, such as seconal, phenobarbital and amytal, are known as the "downers." The "barb" user will be uncoordinated, and will have lowered temperature and slurred speech. He will appear drowsy, confused, irritable and "drunk."

If he is awake, vomiting should be induced. If he is unconscious, body warmth should be maintained and attempts made to rouse him. Artificial respiration may be needed and medical aid should be sent for immediately. The danger of death from an overdose of barbiturates is great.

### DRUG WORKSHOP LOOKS AT SOCIETY

Learning how to deal with "drug freaks" is only a small part of the summer workshop at UMD. Participants spend much of their time examining the complex and often overwhelming mixture of variables involved in our drug-using society. They become more aware of the factors involved in, and leading to, drug dependence as they discuss the use and abuse of alcohol, tobacco and common drugstore medicines.

Sessions on the Duluth campus have been held each week from June 18 and will continue until Aug. 27. Rooms and meals for the participants are provided by the sponsors: the Minnesota Department of Education the Minneapolis Health Department's Metro Drug Awareness Program and the University of Minnesota's Drug Information and Education Program. A televised version of the course, for state-wide broadcast on educational television, is being planned for this fall.

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AUGUST 3, 1972

NEWSMEN: for further information  
Contact CAROL JOHNSEN, 373-7511 or  
BRUCE WONDER, 373-7546

MANAGEMENT ACADEMY  
TO HOLD NATIONAL  
MEETING IN MINNEAPOLIS

(FOR IMMEDIATE RELEASE)

National and international management specialists will be in Minneapolis Aug. 13 to 16 for a national meeting of the Academy of Management at the Radisson South Hotel.

From 500 to 600 academy members from business, education, industry and government are expected to attend the national meeting.

The first session will begin at 9 a.m. Aug. 14 with a seminar titled "Business-Government Interface on Critical Social Changes."

Topics and speakers for this seminar will be "Management of the Environment," Ernest Starkman, vice president for environmental activities, General Motors; "Management of Minority Integration in Business," Stuart A. Taylor, Harvard University; "Management Performance and Economic Controls," Peter F. Carpenter, deputy executive director of the price commission; and "Management and the Consumer," Theodore Jacobs, executive director of the Center for Responsive Law, Ralph Nader organization.

Other topics to be discussed in panels or paper presentations include "Evaluating the Education and Development of Managers," "Current Trends in the Activities of Academic Consultants," and "Applications of Management to Health Care Delivery."

University of Minnesota faculty and administrators will be among those participating in the meeting.

(FOR USE IMMEDIATELY)

Newsmen:

Staff writer Gloria Anthony's travels in Europe will be the subject of feature stories coming to you throughout the summer.

Feature story from the  
University of Minnesota  
News Service-S 68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
August 4, 1972

THE MAGIC OF SOUTHERN FRANCE  
LIES IN ITS CUISINE

by Gloria Anthony  
University of Minnesota  
Traveling Correspondent

Bordeaux, France.....Cheese and wine, for which France is famous, seem smoother and mellower in the south. And in Bordeaux, the bustle and modernity of a large city live peaceably with the old-world quaintness of a village hamlet.

Arriving in Bordeaux at 5 a.m. is like discovering a town filled with ghosts. Only the train station is visibly alive. Exploring then gives one the eerie feeling that to speak aloud of each new discovery would disturb the narrow echoing streets flanked by forbiddingly locked doors. Keyholes themselves seem awesome, large and ornate, fashioned for monster keys guaranteed to weigh heavily in a pocket or hand-bag.

By 7 a.m., streets have wakened to the flow of mundane traffic. Garbage trucks rumble and groan about their morning chores, shopkeepers and restaurant people having deposited the previous day's debris in giant plastic bags for the unwary to sidestep in early morning hours.

Church bells toll, and it is as if a magic wand has waved. People suddenly spring up beside you, behind and in front of you, all hurrying to get about the business of a new day. Sidewalk cafes are alive. Shop doors are flung open. There is noise and shouting. It is morning in Bordeaux.

(MORE)

The French seem very independent and spot you as a tourist immediately, though you may have stashed your luggage and tried to dress inconspicuously.

But in southern France one is greeted with warmth. While in Paris your plea for directions in mangled French has netted but a sneer and a shrug in most instances, here the recipient of your questions will stop and make every effort to assist you--sometimes walking blocks out of his way to take you to the very spot you desire.

Hotel rooms and homes are charming and clean, often with bare, white-scrubbed wood floors. For a stomach sleeper, taller than five-feet-seven or eight inches, beds can prove to be a problem. The bottom sheet comes up and over a rock-hard bolster which stretches the width of the bed.

Neck-kinking as it may be on back or side, shifting to one's stomach, and the unconscious shove of pillow to floor, meets firm resistance. If you are six-feet-two or more, it's probably wise to forget about having your feet in bed with you at all during your stay in France.

Bathrooms are abominable and best unwritten about, the French being far too busy dealing with other niceties of life to concern themselves with updating their 19th century accommodations.

But once you have regained your breath, all other aspects of life in southern France make up for the one great shortcoming. Food (just the consuming of it) is an adventure.

Served in a courtly manner, courses keep coming and coming until you almost lose count. You are lost in the sheer delight of changing taste sensations until, all at once, you seem weighted to your chair. It's obvious you have eaten too much, yet you can hardly wait until the next meal to gorge yourself again--and again.

I would surely weigh 300 pounds if I stayed in France for long.

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

INFECTIOUS DISEASES SYMPOSIUM  
TO HONOR DR. WESLEY W. SPINK

(FOR IMMEDIATE RELEASE)

"Recent Advances in Infectious Diseases," a symposium sponsored by the American College of Physicians (ACP), will be held at the University of Minnesota Oct. 12 through 14.

The meetings will honor Dr. Wesley W. Spink, past ACP president and Regents' Professor of Medicine and Comparative Medicine at the University. Dr. Spink will retire next year after 36 years on the Medical School faculty.

The program will emphasize the broad application of research to microbiology, immunology and chemotherapy in preventing, detecting, and managing infections in man.

Related clinical problems in gram-negative sepsis, pyogenic infection, zoonoses, respiratory and streptococcal diseases, and immune deficiencies will be reviewed by a faculty largely composed of former graduate students of Dr. Spink, from throughout the United States and from the University staff.

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SUPPLEMENTARY INFORMATION:

Dr. Kenneth Kohlstaedt, vice president for medical research at the Eli Lilly Co. and past ACP vice president, will be the guest speaker at a dinner Oct. 12 for participants and faculty.

Friends and former students of Dr. Spink will honor him at another banquet Oct. 13.

Symposium co-directors are Dr. Wendell H. Hall, Veterans Administration Hospital in Minneapolis, and Dr. Robert Gruninger, St. Paul-Ramsey Hospital department of medicine.

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NEWSMEN: For further information  
contact JUDY VICK, 373-7515

PEPPERMINT TENT ADDS PERFORMANCES

(FOR IMMEDIATE RELEASE)

Two more performances have been added to the 1972 Peppermint Tent schedule.

"Rootabaga Stories," written by Carl Sandburg and directed by Deborah Anderson, will be presented at 11 a.m. Wednesday and Thursday, Aug. 16 and 17.

All previously announced performances at the University Theatre's summer theater for children are sold out.

Tickets for these two performances are on sale at the Scott hall ticket office and Dayton's at \$1 each. Phone 373-2337 for reservations.

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contact VALERIE CUNNINGHAM, 373-7516

'U' WILL BEGIN TO COLLECT  
ACCURATE MINORITY FIGURES

(FOR IMMEDIATE RELEASE)

The University of Minnesota estimates that five per cent of the students on the Twin Cities campus are minorities, although no one places much faith in the system used to arrive at that figure.

The last time the figures were collected---in the fall of 1971---students were asked to voluntarily and anonymously identify their ethnic backgrounds on a card during registration.

The failings of this system were that students sometimes did not answer seriously and many simply ignored the request to fill out the card.

Beginning this fall quarter students will be required to fill out an ethnic background card as part of registration.

In 1971 fewer than half of the 43,562 students at the Twin Cities campus returned ethnic background cards.

The percentages that were developed from the 19,930 respondents were calculated to apply to the entire student body. The University estimated there were:

878 Afro-Americans (2 per cent of the student body)

386 American Indians (1 per cent)

610 Oriental Americans (1.5 per cent)

302 Spanish-surnamed Americans, including Chicanos (less than 1 per cent)

The figures, which include both full and part-time students, represent increases from the previous year in all but Spanish-surnamed American students, whose numbers decreased. The total percentage of minorities, however, remained about 5 per cent both years.

The University is required by the Department of Health, Education and Welfare (HEW) to make reports on numbers of minority students.

The plan to make the system compulsory---but still anonymous---is an effort to get more accurate figures.

"We want to get better data on the number of minorities at the University," said Donald Zander, assistant vice president for student affairs, "The voluntary method didn't do us any good."

Zander explained that both federal and state regulations forbid using a person's race as a basis for admission. However, once he is admitted, it is legal to ask for an ethnic designation as a requirement of registration.

Zander said the HEW request for minority figures is in no way tied to federal funding.

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

'U' PHARMACY COLLEGE  
ADMITS 120 STUDENTS

(FOR IMMEDIATE RELEASE)

The College of Pharmacy at the University of Minnesota will have an entering class of 120 students this fall when it inaugurates its three-year curriculum.

Some 38 per cent of the new first-year students are women. More than 90 per cent are Minnesota residents. Eight already have a bachelor's degree and 40 others have had at least three years of college.

The class includes 40 students admitted as freshmen last year. A two-year pre-professional program has replaced the previously required freshman year in the college.

In addition to the new three-year curriculum the college has doubled the enrollment in its doctor of pharmacy program to 21 students.

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AUGUST 7, 1972

NEWSMEN: For further information  
contact BILL HAFLING, 373-5295

MINNESOTA FIRMS TO HIRE  
MORE SCIENTISTS, ENGINEERS

(FOR IMMEDIATE RELEASE)

Statistics show that three to five per cent of the engineers and scientists in the country are unemployed at the present time due to budget reductions for NASA and defense.

Richard A. Swalin, dean of the Institute of Technology (IT) at the University of Minnesota, and his staff contacted 186 companies and consulting firms in the state of Minnesota to obtain an idea of employment trends and future prospects for IT graduates.

Of the organizations contacted, 61 per cent responded. These respondents collectively employ the majority of the technical talent in the state of Minnesota.

The firms which responded employed 259 new beginning-level engineers and scientists in 1971. The number increased to 333 in 1972 and is projected to increase to 488 next year and to 555 the year after.

Thus, in a three-year period, the number of graduates hired by the Minnesota organizations will double.

For advanced-degree holders, the number newly employed in 1971 was 74 and 82 in 1972. Projections estimate a 1973 hiring of 126 and 154 in 1974.

The fields which showed the greatest increases are chemical engineering, electrical engineering, mechanical engineering and computer science.

Projections show that the increases in demand for engineers and scientists will come at a time when the graduating classes will be the smallest in recent years. The negative publicity accompanying unemployment has deterred students from entering technological fields.

The 1971 freshman class showed a drop of 30 per cent enrollment from the year before. The entering class for the coming fall is expected to be even smaller and will be at a 20-year low.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
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AUGUST 7, 1972

NEWSMEN: For further information  
contact ELIZABETH PETERSON, 373-7513

'U' COFFEEHOUSE TO  
PRESENT AUGUST MUSIC

(FOR IMMEDIATE RELEASE)

The Whole Coffeehouse, on the University of Minnesota Minneapolis campus, will be presenting musical performers each Friday night during the month of August.

The Barrell House Trio, a blues group, will appear Friday (Aug. 11) with Sean Blackburn.

On Aug. 18, Tommy Ray, boogie pianist, will perform alongside Eric Sayer, composer and guitarist.

Folk singers Bill Johnson and Brad Bartell will perform on Aug. 25.

The Whole Coffeehouse is located in the basement of Coffman Union. All performances begin at 8 p.m. and are open to the public. Admission is 50 cents.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 7, 1972

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

NURSE-ANTHROPOLOGIST  
IS U OF M SPEAKER

(FOR IMMEDIATE RELEASE)

The dean of the School of Nursing at the University of Washington will be a Health of the Nation speaker at noon Friday (Aug. 11 ) at the University of Minnesota.

Professor Madeleine Leininger, who holds a master's degree in psychiatric nursing and a doctorate in anthropology, will be discussing "Health Care Delivery Systems for Tomorrow and Role Complimentarity" in Mayo auditorium.

During her 20 years of teaching experience she has developed several innovative programs pertaining to psychiatric nursing, post-graduate education for nurses, and anthropology for nurses.

She was the first professional nurse in the country to complete a doctoral degree in anthropology. From 1963 to 1965 she spent 13 months as an ethnographer and ethnopsychologist studying four communities in New Guinea.

Active in many professional organizations, Professor Leininger is a past president of the American Association of Deans of College and University Schools of Nursing.

Health of the Nation lectures are sponsored by University Hospitals and its medical staff on behalf of local members of the Council of Teaching Hospitals: Hennepin County General and Veterans Administration Hospitals in Minneapolis and Ramsey County General Hospital in St. Paul.

(FOR USE IMMEDIATELY)

Newsmen:

Staff writer Gloria Anthony's travels in Europe will be the subject of feature stories coming to you throughout the summer.

Feature story from the  
University of Minnesota  
News Service-S 68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
August 8, 1972

'U' PROFESSOR'S TEAM WORKS TO  
SOLVE 4,000-YEAR-OLD MYSTERIES

by Gloria Anthony  
University of Minnesota  
Traveling Correspondent

Nichoria.....insatiable thirst for knowledge beyond recorded history drives archaeologists and scholars to bone-wearying efforts at reconstruction of the past.

Here, in the loveliest and most relaxing area of the southwestern Peloponnese in Greece, members of the University of Minnesota Messenia Expedition (UMME) under the direction of William A. McDonald, professor of classics at the University, work tirelessly to increase man's knowledge of life in the Bronze and Early Iron Ages.

In a primitive setting on the hilltop site of Nichoria, UMME has brought together an interdisciplinary team of scientists whose work is unlocking the secrets of people who lived here from 2,000 to 800 years before the birth of Christ.

The Nichoria team consists of 28 scholars from the fields of classical archaeology, anthropological archaeology, art history, geology, vertebrate paleontology, botany, photography, photogrammetry aerial photography, metallurgy, lithology, conservation, surveying and pottery analysis.

(MORE)

The interdisciplinary approach to archaeological excavation, as opposed to the traditional approach, emphasizes the study of the common people of the time--- those who really supported the economy---and not exclusively the burial sites and treasure troves of kings and emperors. Here at Nichoria, an attempt is being made to learn more about the natural and cultural history of the region.

The Bronze Age in Greece extended roughly from 3,000 to 1,000 B.C. No definitive conclusions about the history of habitation on the site have been reached by the UMME team, but it seems likely that the Nichoria site was one of the most important settlements in this area from about 2,000 to 800 B.C.

There is evidence that there was a settlement even earlier in the third millennium B.C. on or near the hill. By 1500 B.C., a larger-than-average town had developed as the capital of a prosperous local kingdom.

Throughout southern Greece, prosperity and population apparently declined precipitously after about 1200 B.C. Evidence indicates that, rather than being abandoned entirely, Nichoria was occupied nearly continuously until the early Iron Age (after 1000 B.C.) when it appears to have been deserted, except for a brief medieval occupation.

The presence of prehistoric fragments of pottery on the Nichoria hilltop where the fourth season of digging nears completion, was first certified by McDonald and a friend, Peter Shiras, Fulbright lecturer in Athens, late in 1958.

Prior to that time no modern topographer realized the archaeological significance of the hilltop's accessibility and visibility in its position high over the junction of the Rizomilo-Koroni and Kalamata-Pylos highways.

(MORE)

From the site, the views east and south are unobstructed across the lower Pamisos Valley, west toward Pylos, and over the upper Gulf of Messenia to the Taygetos mountain range. Only at one point in the north does a higher hill obscure the view.

Topographic surveying and mapping of the Nichoria ridge was begun in 1962. With the aid of aerial photographs provided by the Royal Hellenic Air Force, detailed maps were compiled of the site and adjoining countryside. In 1969 high-level photography was done, using a hydrogen-filled balloon.

At the beginning of the 1969 digging season, a grid system was staked out by the surveyors and test excavations were carried out,

The types of material brought down to the main house---a combination laboratory and living area---include pottery, bone (both human and animal), bronze, iron and charcoal.

Scrupulous attention is given to accurate record-keeping. Each find is photographed at the site where it is discovered and then catalogued and recorded in triplicate, sorted, cleaned, re-photographed and studied,

All of this work is being carried out with the cooperation of, and under successive permits issued by, the Greek Archaeological Service through the American School of Classical Studies in Athens.

Major financial support for the regional survey is from the Hill Family Foundation of St. Paul. Current work is being supported by grants from the National Endowment for the Humanities and contributions from local foundations and individuals.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 8, 1972

NEWSMEN: For further information  
contact JUDY VICK, 373-7515

'U' SHOWBOAT TO PRESENT  
'THE MADWOMAN OF CHAILLOT'

(FOR IMMEDIATE RELEASE)

"The Madwoman of Chaillot," a comic fantasy by Jean Giraudoux, will open Thursday, Aug. 17, on the University of Minnesota's Centennial Showboat.

The boat will be docked at the Minneapolis campus landing below the Washington Avenue bridge for the entire run through Sept. 2.

Tickets are available for the performances at 8 p.m. Aug. 17 and 21 and at 10 p.m. Aug. 18, 25 and 26 and for all performances Aug. 28 through Sept. 2.

The show is presented at 8 p.m. Monday through Thursday and at 7 and 10 p.m. Friday and Saturday. Tickets are on sale at Dayton's and at the Scott hall ticket office. Phone 373-2337 for reservations. Admission is \$3 for the public and \$2 for students.

Sheriden Thomas, a graduate student and Bush fellow from Los Alamos, N.M., is cast in the title role in the production directed by Frank M Whiting, professor of theater at the University and "Captain" of the Showboat.

"Madwoman" was published in 1943 and first presented on Broadway in 1948. A reviewer has called it "an evening of wish fulfillment."

All performances of the current Showboat production of "Show Boat," which closes Aug. 12, are sold out.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
TELEPHONE: 373-5193  
AUGUST 10, 1972

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
August 13-19

- Sun., Aug. 13---University Gallery: Indian sculpture from the Maghan Collection, through Aug. 20. Northrop aud. Hours: Mon.-Fri., 11 a.m.-5 p.m., Sun. 2-5 p.m. Free.
- Mon., Aug. 14---Wilson Gallery: "Measuring the Universe: The William D. Morgan Astronomy Collection," through Aug. 15. 472 Wilson library. Hours: Mon.-Fri., 8 a.m.-5 p.m. Free.
- Mon., Aug. 14---Film Classics: "Ride the High Country." North Star ballroom, St. Paul Student Center, 8 p.m. Admission 75¢.
- Tues., Aug. 15---Road Runner cartoons. North Star ballroom, St. Paul Student Center. 12 noon. Free.
- Tues., Aug. 15---Actress Linn Mason presents "The American Woman," one-woman show of monologues. Bell Museum of Natural History, 8 p.m. Free.
- Wed., Aug. 16---Wilson Gallery: "Historia Naturalis," through Sept. 30. 472 Wilson library. See hours above. Free.
- Thur., Aug. 17---Eubie Blake, ragtime jazz pianist. Northrop plaza, 8 p.m. Free.
- Thur., Aug. 17---University Showboat: "The Madwoman of Chaillot" by Jean Giraudoux, through Sept. 2. Minneapolis campus landing, 8 p.m. Mon.-Thur. and 7 and 10 p.m. Fri.-Sat. Tickets available at Dayton's and Scott hall ticket office.
- Thur., Aug. 17---University Theatre: "Tobacco Road" by Jack Kirkland from the novel by Erskine Caldwell, through Aug. 19. Scott hall aud, 8 p.m. General admission \$2.50, Students \$1.75.
- Fri., Aug. 18---Health of the Nation Summer Lecture Series: "The Year 200 and Beyond---Roses Versus Subtraction" by Dr. Donald Muhich, psychiatric consultant with the Los Angeles Medical Plan. Mayo aud, 12 noon. Free.
- Fri., Aug. 18---The Whole Coffeehouse: Tommy Ray, boogie pianist, with Eric Sayer, composer and guitarist. Coffman Union. 8 p.m. Admission 50¢.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 10, 1972

NEWSPHEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

WOMAN NAMED DEAN  
OF 'U' COLLEGE

(FOR IMMEDIATE RELEASE)

Barbara H. Knudson has been named dean of University College---a cross-disciplinary and experimental unit---by the University of Minnesota Board of Regents. She is one of three women deans at the University.

She had been director of the University Without Walls program, a unit within University College (UC). She will continue her post as associate professor in Continuing Education and Extension.

"Her background as an experimenter in innovative kinds of education and her involvement in community programs will fit right into UC, with its emphasis on interdisciplinary programs," said Fred Lukermann, assistant vice president for academic administration.

Ms. Knudson, 45, on leave during the summer doing postdoctoral research in Kenya, earned a doctor of philosophy degree from the University in 1968 with a major in sociology.

Her background includes direction of the University's Training Center for Community Programs, probation and correctional work, research for the government of Kenya, and work with organizations such as the National Council of Negro Women and the U.S. National Crime Commission.

As UC dean Ms. Knudson will head a college which has neither faculty nor a curriculum but is a mechanism for students to assemble academic programs which meet individual needs.

UC was established in 1930 as a means for students to put together academic programs which cut across disciplinary lines. Independent study, the Living-Learning Center, University Without Walls and Experiment Number One (Experimental College) are innovative programs which are units of UC.

Ms. Knudson is the first dean of UC, which formerly had been governed by committee and more recently by an acting dean.

# # #

SUPPLEMENTARY INFORMATION:

The other women deans at the University are Isabel Harris, dean of the School of Nursing, and May Brodbeck, dean of the Graduate School.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 10, 1972

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

'U' HOSPITAL HIRES  
ADMINISTRATIVE TRAINEE

(FOR IMMEDIATE RELEASE)

Colodia Owens, 26, has accepted an administrative traineeship at University of Minnesota Hospitals.

The 12-month traineeship will provide her with directed work experience in hospital administration. Ms. Owens is presently learning about patient care on a nursing station and will later be assigned other administrative projects, according to Traineeship Coordinator Dennis Countryman, associate director of University Hospitals.

Before accepting the traineeship, Ms. Owens, who lives at 1240 Thomas ave. N., Minneapolis, was working at the Institute for Interdisciplinary Studies, a health-oriented research firm.

Born in Memphis, Tenn. Ms. Owens holds a bachelor of science degree in biology and public health from the University.

During the coming year, she will apply for entrance to the graduate degree program in hospital and health care administration through the University's School of Public Health.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 63 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 10, 1972

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

'U' CANCER DETECTION CENTER  
GIVES 100,000TH EXAMINATION

(FOR IMMEDIATE RELEASE)

A St. Paul dentist who recently received the University of Minnesota Cancer Detection Center's 100,000th examination has good reason to be thankful.

Dr. Carl J. Gumbert, 2155 Palace ave., has been going to the center since 1956 and has never had any of the traditional warning signals of cancer.

Because, in the past, he had had some rectal polyps removed, center physicians recommended an X-ray of the colon in 1969 and found a tumor. It proved malignant and was removed. Since then he has enjoyed good health.

Funds from the Minnesota Division of the American Cancer Society helped open the center 25 years ago. Since then more than 16,000 people have received thorough annual physical examinations.

Dr. Victor Gilbertsen, center director, emphasized deaths from cancer of the bowel and rectum should not occur with an annual procto-sigmoidoscopy.

"Statistically the state should have had 950 deaths last year caused by cancer of the colon and rectum. We had 12 people develop cancer of the rectum, but because of early diagnosis the treatment was a lot easier and none died," he said.

The center has a long waiting list of both men and women. But it isn't necessary to come to the University, according to Dr. Gilbertsen. "People can get the examination in any doctor's office."

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 11, 1972

NEWSMEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

LOAN DELAY AFFECTS  
THOUSANDS AT U OF M

(FOR IMMEDIATE RELEASE)

Thousands of students at the University of Minnesota are learning that the loan money they're applying for won't arrive until weeks after school starts.

And, some will find that they can't borrow enough to cover all the costs of their education.

These are the net effects of new restrictions on the federal government's guaranteed student loan (GSL) program.

The guaranteed loan, which students could get easily from banks willing to lend the money, was becoming one of the few aid programs open to students from middle-income families. Most other programs give first priority to lower-income families, and funds are usually gone before middle-income students can apply.

About 10,000 students at the Twin Cities campus---one-fourth of the student body---have been receiving guaranteed loans from banks each year. The federal government pays the interest on the loan while the student is in school.

However, amendments passed by Congress this June require that a student must now prove he needs the money he's asking for.

The government then halted all processing of the loans for a month while it mailed out new application forms.

That tie-up means that "very few students are going to be able to get their loans by the time school starts," according to Sam Lewis, director of the University's Office of Student Financial Aid.

Lewis estimates that it can take anywhere from five to ten weeks for each loan application to move through all the proper channels. Since the University couldn't begin accepting applications until Aug. 7, most students won't have received their money by the time school starts Sept. 25.

(MORE)

"All we did before was pass out the forms and certify that an applicant really was a student," Lewis said. "Now we're required to make individual assessments on 10,000 applications."

He said his office will need six new staff members to cope with all the paperwork.

Some students who received guaranteed loans in the past will find they don't qualify for an interest-free loan under the new regulations, and others won't be able to borrow as much as they need.

The financial aid office figures it costs about \$2,700 a year for the average student to attend the University, including costs of tuition and fees, room and board, books, supplies and personal expenses.

The new federal forms do not allow a student to add books and supplies, personal expenses or transportation to his estimate of how much it costs him to attend school.

"They don't allow a student to count all his costs, but they do count all his resources in figuring how much he needs," Lewis said. "In every case, the difference between the University's need assessment and what he really needs will be \$700 to \$1,000."

However, banks can lend a student more than the University's need assessment, and Lewis feels many will.

The picture is further complicated because these changes are occurring at a time when the financial aid office normally has 16,000 financial aid applicants pouring through its offices.

And, the new regulations leave some things unclarified, such as how to assess the need of a student who is not dependent on his parents.

Students who pay their tuition and fees after the normal cut-off date because of late loans won't be required to pay late fees.

But there will be other problems, such as how to pay that first month's rent, or how to eat if a loan check doesn't arrive until mid-October.

"All we can say to students is 'Be patient and save whatever money you've got,'" Lewis said. He added that his office is moving as fast as it can to process the applications.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 14, 1972

NEWSMEN: For further information  
contact JUDY VICK, 373-7515

'TOBACCO ROAD'  
SYMPOSIUM SCHEDULED

(FOR IMMEDIATE RELEASE)

A symposium on the University Theatre's current production of "Tobacco Road" will be held following the 8 p.m. performance Thursday (Aug. 17) in Scott hall auditorium.

Kenneth Graham, director of the University Theatre, will moderate the panel which will include Lou Dezseran, assistant professor of theater and director of the production and Archibald Leyasmeyer, associate professor of English, and member of the cast.

"Tobacco Road" is being presented in Scott hall Aug. 17 to 19.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 14, 1972

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

HEALTH SYSTEM PLANNER  
TO SPEAK AT U OF M

(FOR IMMEDIATE RELEASE)

A Los Angeles psychiatrist who is helping to develop an integrated pre-paid medical, dental and mental health plan will speak at noon this Friday (August 18) at the University of Minnesota's Mayo auditorium.

Dr. Donald Muhich, a consultant with the Los Angeles Medical Plan, is the sixth in a series of Health of the Nation speakers. His topic will be "The Year 2,000 and Beyond---Roses Versus Subtraction."

A graduate of the College of St. Thomas in St. Paul and Harvard Medical School, Dr. Muhich was director of the Range Mental Health Center in Virginia, Minn., from 1962 to 1965.

He played a psychiatrist in the movie "Bob and Carol and Ted and Alice" and was responsible for the story line, development, and technical assistance in the TV series "Matt Lincoln." He is currently working with the producers of "Sesame Street" developing an animated series to teach affective learning to children.

Health of the Nation lectures are sponsored by University Hospitals and its medical staff on behalf of local members of the Council of Teaching Hospitals: Hennepin County General, Veterans Administration, and Ramsey County Hospitals.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 14, 1972

NEWSMEN: For further information  
contact ELIZABETH PETERSON, 373-7513

'U' TO OFFER FOUR EVENING  
BLACK STUDIES COURSES

(FOR IMMEDIATE RELEASE)

Courses covering the family, history, culture, personality and protest of Black people in America will offered by the University of Minnesota this fall.

All courses will meet in the evening from Sept. 25 through Dec. 13 and are available for degree credit. No previous college coursework is necessary.

"Black Protest from Colonial Times to Present," a five-credit course, will analyze the history of the Black protest movement chronologically.

"Afro-American History and Culture," the first in a 10-credit, two-quarter series, will cover Black history to 1865. The fee for both courses is \$70.

"Personality of Black Peoples," will explore the development of the Black psyche and group consciousness.

"Black Family," will deal with the basic fabric of family life and will look at the Black family as a unit within Black society and in society as a whole. The fee for both courses is \$56.

All four courses are offered by the Afro-American studies department and Continuing Education and Extension.

Limited mail registration opens Aug. 21. For further information, call 373-3195.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 14, 1972

NEWSMEN: For further information  
contact ELIZABETH PETERSON, 373-7513

'U OF M' TO OFFER FALL  
RADIO AND TV COURSES

(FOR IMMEDIATE RELEASE)

Readings from the old and new testaments will be the subjects of discussion in "The King James Bible as Literature," a four-credit television course to be offered for home study by the University of Minnesota this fall.

Coursework will include study of the prophets, psalms, tales of wisdom and the apocalypse in this 10-week course which will be broadcast Mondays from 9 to 10 p.m. on KTCA, Channel 2. The fee for the course, which will run from Sept. 25 to Dec. 13, is \$56.

Recent developments in the physical and social sciences, music, art and literature will be explored in "New Worlds of Knowledge," a six-credit, two-quarter radio course.

Major topics of discussion will be ecology, the shape of the city, the future of Europe, and recent trends in astronomy, human genetics and psychology. The course will be broadcast Mondays, Wednesdays and Fridays from 11:15 a.m. to 12 noon on KUOM (770 on the dial) from Sept. 25 to Dec. 8 and will carry a fee of \$55. Advance application is required and will be accepted beginning Sept. 5.

Both courses are offered through University Continuing Education and Extension. For further information and application forms, call 373-3195.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 16, 1972

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

'U' TO TEACH COMMUNICATION  
SKILLS TO HEALTH FACILITY SURVEYORS

(FOR IMMEDIATE RELEASE)

Health facility surveyors from the Minnesota Department of Health will be attending a series of seminars to improve their communication skills this year.

Surveyors determine whether the 420 nursing homes and extended-care facilities in the state are in compliance with state regulations and eligible for participation in Medicaid or Medicare programs.

According to the Department of Health, Education, and Welfare, the surveyor must use a 47-page form, "The Extended Care Facility Survey Report," to determine "whether the institution meets the 18 conditions of participation based on more than 70 standards of compliance which in turn are delineated by no less than 300 definitions or explanations and require at least 160 explanatory statements."

Most of the 35 surveyors have previously taken a four-week federally-sponsored training course on the procedures and standards to be applied.

But, according to Dr. Kenneth Gordon, director of the Center for Long Term Care Administrator Education at the University, many are concerned about improving such skills as interviewing, dealing with hostility, helping homes meet the standards, building a trust relationship and non-verbal communications.

Dr. Gordon pointed out the surveyors have had introductory experience with these skills but often need continuing assistance to improve their skills and to resolve the inherent conflict between their roles of surveillance and help in meeting the standards.

#

SUPPLEMENTARY INFORMATION:

The center has two contracts with HEW to provide two two-day seminars and eight one-day seminars during the coming year. The seminars will be conducted by School of Public Health faculty at the University of Minnesota.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 16, 1972

NEWSMEN: For further information  
contact ELIZABETH PETERSON, 373-7513

WOMEN'S COURSE TO EXAMINE  
BASIC AMERICAN BELIEFS

(FOR IMMEDIATE RELEASE)

Are capitalism, education and progress basically good things? Does America have a manifest destiny? Is your worth really measured by the amount of money you have?

These are some of the basic concepts of the American value system that will be examined in detail in "Ideas in America," a three-quarter seminar to be offered by the University of Minnesota Women's Programs beginning Sept. 21.

The purpose of the seminar is to help the student learn "why she thinks the things she does think," according to Edith Mucke, program coordinator for Women's Programs. "She will test the validity of the American dream."

The literature, art and history that influence the way Americans see and value social experience will be examined in detail.

Faculty for the course will include members of the departments of history, political science, art history, American studies, English and others.

The seminar will meet on Thursday mornings from 9:30 to 12 noon at MacPhail Center in Minneapolis. Registration will be accepted until the first day of class.

For further information and application, contact Women's Programs, 200 Westbrook hall, University of Minnesota, Minneapolis 55455.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 16, 1972

NEWSMEN: For further information  
contact ELIZABETH PETERSON, 373-7513

'U' ART PROFESSOR TO SPEAK  
AT INTERNATIONAL CONFERENCES

(FOR IMMEDIATE RELEASE)

Thomas Slettehaugh, associate professor of art education at the University of Minnesota, has been invited to speak at two international art conferences being held this August.

"Non-Visual Motivation for Art Expression and Its Criteria for Judgement," will be the topic of a speech presented to the seventh annual International Congress of Aesthetics being held in Bucharest, Romania. The speech will deal with the new emphasis on perception and creative intellect in art education.

Slettehaugh will also present a paper entitled "Perceptual Understanding Based on Tactile Art Experience," to the Congress of the International Society For Education Through Art in Zagreb, Yugoslavia, this week (Aug. 14-18).

Slettehaugh, who has been with the University since 1970, has also been invited to exhibit 12 original drawgraph prints with the international exhibition at the Center of Information and Documentation in Social and Political Sciences in Bucharest.

-UNS-

WEEKEND FEATURE

(For Use Saturday Afternoon,  
August 19, Or Sunday, August 20, Or  
Thereafter.)

Feature story from the  
University of Minnesota  
News Service-S 68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
August 17, 1972

'U' STUDENTS AND COMMUNITY  
COOPERATE IN LIVING AND LEARNING

by Valerie Cunningham  
University News Service

Pam Benson, a senior at the University of Minnesota, is working full-time this summer as a live-in counselor at the Minnesota Reception and Diagnostic Center for delinquent youth.

Her major is sociology and she has studied the "book side of what causes kids' problems.

"But this gives me a chance to test myself with kids in a real situation," she said.

At the same time that Miss Benson is performing a service at the diagnostic center and earning a quarter's worth of credits, she is learning that her plans to be a counselor after graduation are right for her.

George Hage, a professor of journalism at the University, approved a student's proposal to teach journalism to fourth-graders in an inner-city school.

The student and Hage discussed what he was going to try to teach the grade-schoolers. Then the student went ahead with his project, which ended after his young class produced a newspaper.

"I felt he had discovered some things about communication and journalism which made it worthwhile," Hage said, explaining why he awarded independent-study credits to the student and why he was willing to spend the extra time to evaluate the project.

(MORE)

This is the kind of "learning by doing" which is occurring more and more at the University. And it's why the University created the Living-Learning Center (LLC) three years ago---to put students in touch with programs and faculty which can help them expand their learning horizons.

The center has no faculty and cannot itself grant credits for a student's living-learning project.

Instead, the small staff is there to listen to students' proposals and ideas, then direct them to faculty members who might be willing to grant credit for their projects.

Some recent student projects include a study of problems of Viet Nam War veterans, a noise pollution study, a photography project on Afro-American culture, field work at the Legislature and a variety of other political projects.

In addition, the center sponsors directed projects like the one Pam Benson's doing. These projects, established when the center discovers many students interested in a similar problem, are directed by faculty members and community resource people.

"Students' interests are often in controversial areas," said Don Morgan, the center's director, "and this can lead to some confusion about the University's and the center's involvement."

Morgan said students never work for a political candidate for credit---they work with a professor to arrange credit for a whole project, which usually includes research and a paper, in addition to political work.

"An independent study project designed by a student and agreed to by a faculty member as having demonstrable educational value can lead a student directly into political campaigns or efforts to influence legislation in such areas as ecology and women's rights," Morgan said.

Morgan added that the center has even handled religious projects.

(MORE)

"The question raised when University credit is involved is simply whether the project leads to a learning experience which can stand the test of a monitoring faculty person," Morgan said.

The center's operational phrase is service/learning.

"We're interested in projects which not only fill important community needs but also relate theory to the actual experiences of a student in a project," Morgan said.

This dual role---of enhancing a student's education with real experiences and providing a service to the community---is the new thrust of the center.

"The original purpose was to advise students on independent study," Morgan said. "Now we're putting our prime energies into what we call carry-over projects,"

He explained that these are projects students will stay committed to after their relatively short-term campus life.

With its emphasis on moving students off the campus, the center this year has organized 10 service/learning projects, including one on urban renewal, another on day care, health care, women's studies and field work at the Legislature.

For each project, the center has faculty contacts who will do some teaching and community people who have agreed to participate.

"We like to see students involved in projects which last a full year and which develop skills they can use in later community work," said Kurt Meyers, a center staff member. He added that many of the skills would be the kinds which would not develop in a typical undergraduate education.

Meyers said the majority of students doing LLC projects combine them with their regular course work and that most---about 80 percent---want University credits for their LLC work.

Both Meyers and Morgan said they prefer to work with students whose commitment to a project is more substantial than a simple desire to earn credits.

(MORE)

Last year there were nearly 500 students working on group projects set up by the center, such as Pam Benson's, or the project in which 19 students tutored children of migrant families in St. Paul.

In addition, nearly 1,000 students walk in to the center each year, some with questions, some needing suggestions and some with concrete ideas for projects. Not all of these, however, end up doing independent-study work.

During its three years of operation the center has seen a great increase in the number of University departments and schools which offer their own independent study courses. Part of the LLC's original mission was to encourage such innovation at the University.

With the number of learning-by-experience options increasing the center may soon be out of a job.

"We have a self-destruct button set to go off at the end of five years," Morgan said. The staff hopes that after two more years there will be enough options available within the University that the center will no longer be needed.

To keep the living-learning concept fresh and provide for frequent rejuvenation, the center has a rule that no staff member may stay longer than two years.

Morgan has already served one year as the half-time director and at the end of his second year plans to return to full-time teaching in the College of Education.

He said he feels the center has been successful in enhancing the undergraduate learning experience but it is difficult to assess the success of its other charge--- to improve the quality of undergraduate instruction.

Pam Benson has no doubts about the worthiness of the Living-Learning Center.

"I could go on for hours about how great this experience has been," she said. "Sociology deals with people so vitally, it would be ludicrous to spend all your time in a classroom rather than get out and interact with people."

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST, 17, 1972

NEWSMEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

'U' COMMENCEMENT  
WILL BE AUG. 25

(FOR IMMEDIATE RELEASE)

Commencement exercises for degree candidates from both summer sessions will be held at the University of Minnesota on Friday, Aug. 25.

Howard B. Casmey, state Commissioner of Education, will deliver the commencement speech at the ceremony which begins at 4 p.m. in Northrop auditorium.

There are 778 bachelor's degree candidates after the two summer sessions, 382 master's degree candidates, five doctor of education candidates and 143 doctor of philosophy candidates. Students are not required to attend the commencement ceremony to receive their diplomas.

There will be a reception for graduates and their guests following the ceremony on Coffman Union Terrace. If it rains the reception will be held in Coffman Main Lounge.

-UNS-

(FOR USE ANY TIME)

Feature story from the  
University of Minnesota  
News Service-S 68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
August 22, 1972

## CIGARETTE SMOKING -- NOT QUITE AN ADDICTION

(Part Two of a Series)

by Bill Hafling  
University of Minnesota Science Writer

"Drug addict"---most people have a very definite mental picture when they hear these words. Part of this picture includes the thought that the "addict" will do anything and risk everything just to get his drug.

But the cigarette smoker is not usually included in this picture.

Very puzzling, then, is the sight of a person who has recently undergone an operation for throat cancer calmly smoking a cigarette through the hole in his throat (stoma). It is tempting to call a smoking habit which is so strong an "addiction" and many smokers laughingly refer to themselves as "addicts."

Most drug researchers, however, do not consider tobacco smoking a true addiction. According to Dr. Faruk Abuzzahab of the University of Minnesota Hospitals, the cigarette habit is a "very strong habituation." The basis for this difference in diagnosis is simply that, although smoking is a very difficult habit to break, withdrawal from nicotine is not of the same magnitude as that for certain other drugs.

### MORE DANGEROUS THAN HEROIN?

Heroin, one of the better known addicting drugs and currently the suspected cause (or a least a major symptom) of many urban crime problems, causes less organic damage than tobacco. Both drugs are listed on a chart from the "Resource Book for Drug Abuse Education" put out by the U.S. Dept. of Health, Education and Welfare.

(MORE)

Long-term symptoms for heroin are listed as "addiction, constipation, and loss of appetite." The drug has "physical and mental dependence potential" but no "organic damage potential."

In contrast the same chart shows that the long-term symptoms for tobacco (nicotinia tabacum) are "emphysema, lung cancer, mouth and throat cancer, cardiovascular damage, and loss of appetite." It has physical and mental dependence potential and, in addition, has organic damage potential.

One drug is legal---the other is not. Observers of legal systems and societies shudder when asked what would happen in law enforcement if tobacco were declared an illegal durg.

The American Cancer Society reports that cancers of the mouth "afflict some 15,000 Americans annually and kill about 7,500," and that lung cancer will kill approximately "56,000 men and 13,000 women" in 1972. Further that "lung cancer is a largely preventable disease, since most lung cancer is caused by cigarette smoking," but "only about 9 per cent of all cases are being saved today."

A new look at smoking, who does it, and how it starts is being taken by researchers interested in understanding drug dependence. It may be that an understanding of the smoker will lend some clues to the problems of drug abuse in itself.

One researcher, however, remarked that what might really be needed to understand the problem would be more information on the non-smoker.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 22, 1972

NEWSMEN: For further information  
contact ELIZABETH PETERSON, 373-7513

REGISTRATION OPEN FOR  
U OF M WOMEN'S COURSES

(FOR IMMEDIATE RELEASE)

Mail registration is now open for courses offered through University of Minnesota Women's Programs.

This fall six liberal arts seminars and 14 regular University courses will be offered in the fields of American studies, biology, child psychology, composition, English, history, humanities, music, political science, psychology and Spanish.

In addition, four short-term workshops will also be offered. "Study Skills," a four-session workshop beginning Sept. 13, will include instruction in listening and note-taking, study methods, reading for comprehension and preparation for examination.

"Life and Death in the Modern World," a five-session workshop also beginning Sept. 13, will study attitudes toward life and death in the works of John Berryman, Sylvia Plath, T.S. Eliot, D.H. Lawrence and others.

"The Message and the Medium," a one-day workshop for beginners in the field of publicity, will be held on Sept. 14.

On Sept. 30 and Oct. 1, a retreat-seminar on transactional psychology will be held at Camp Chi Rho on Lake Sylvia.

Courses will be held at MacPhail Center and the Minnetonka and West St. Paul YWCA's. Several radio and television courses are also available for credit.

In-person registration begins Tuesday, Sept. 12 at MacPhail Center. For further information, contact Women's Programs, 200 Washbrook Hall, University of Minnesota, Minneapolis, Minn., 55455; 373-9743.

(FOR USE IMMEDIATELY)

Newsmen:

Staff writer Gloria Anthony's travels in Europe will be the subject of feature stories coming to you throughout the summer.

Feature story from the  
University of Minnesota  
News Service-S 68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
August 22, 1972

U OF M ARCHAEOLOGISTS PLAY  
IMPORTANT PART IN ISRAELI DIG

By Gloria Anthony  
University of Minnesota  
Traveling Correspondent

Meiron, Israel. In Upper Galilee, adjacent to the village of Meiron, members of the Joint Expedition to Khirbet Shema are concluding the fourth summer of excavation at an ancient Palestinian site of the Roman period.

University of Minnesota archaeologists, in cooperation with scholars from throughout the United States, have spent six weeks from sun-up to dusk with pick, whisk broom, dustpan, screen, bucket and other implements working to piece together the history of the site.

The expedition members have reconstructed a synagogue which has been buried for nearly 1,700 years, one of the best preserved architectural remains of an ancient Palestinian synagogue found anywhere to date.

"The columns lay on the bedrock floor just as they had fallen, and it was not difficult to surmise how some great catastrophe, probably an earthquake, had pushed the building over and perhaps put an end to the entire village," said Thomas Kraabel, associate director of the expedition.

A mammoth doorway on the north end of the synagogue has been completely rebuilt. The door's lintel, decorated with the largest carved Menorah (seven-branched candlestick) ever recovered from an ancient site, is now in the Rockefeller museum in Jerusalem. The west doorway, decorated with a Roman eagle within a wreath, stands in place.

(MORE)

A team of Israeli Arabs worked with student volunteers to lift the many columns to their original position in the building. The walls of the restored structure now stand six feet high in places.

Over the past three years the dig members have also uncovered an underground burial place for scriptures, a storage chamber probably used for Torah scrolls, a ritual bath, cisterns, granaries, private dwellings, household objects, jewelry and the outline of an entire town.

Seventy-five student volunteers have assisted at the dig this season. Not all, however, are archaeology majors. Their fields of interest include anthropology, religion, classics, history and many other subjects.

Although the expedition provided board and room for students from sponsoring schools, most paid their own fare to Israel and provided themselves with spending money.

"During the first week or two of the dig many of the student volunteers were exposed to a whole new set of terms," said Richard Hanson, academic director of the expedition. "They were strangers to their own vocabulary. But in six weeks those terms became an integral part of their speech."

Hanson, after 11 years of teaching college students, feels that an educational program such as the one at Khirbet Shema provides greater knowledge than can be acquired in months of lectures and required reading assignments.

Student volunteers did a little of everything. They dug, leveled, sifted, washed pottery and learned all the paperwork necessary to keep data in order. In addition, they attended lectures and took field trips.

This year the students visited Meiron, also under excavation; Hazor, which is significant because of its early water system; Megiddo, where ruins dating from late Israelite kings including Ahab and Solomon have been found; Tel Jericho, the stratified remains of cities built one upon another; Qumran, site of a rebellious Jewish sect from the time of Christ; Masada, site of the final Jewish stand against the Romans in 73 A.D.; Caesara on the Mediterranean, built by Herod; and Beth-Shean, site of Jewish catacombs containing numerous stone coffins.

The expedition staff consisted of director Eric Meyers, associate professor of religion, Duke University; associate directors Thomas Kraabel, associate professor of religious studies, University of Minnesota and James F. Strange, assistant professor of religious studies, University of Southern Florida; academic director Richard Hanson, associate professor of religion, Luther College; 75 student volunteers and the families of many of the participants.

Israeli assistance came from Hebrew University, Israel's Department of Antiquities, the Regional Council of Merom Ha-Galil, the National Parks Authority and the Ministry of Religion.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 28, 1972

NEWSMEN: For further information  
contact CAROL JOHNSEN, 373-7511

BLUES AND FOLK MARATHON  
AT 'U' FEATURES SHAWN PHILLIPS

(FOR IMMEDIATE RELEASE)

Shawn Phillips, internationally known recording star, is the featured attraction of "Blues and Folk Marathon II" which will be held at 2 p.m. Sunday, Sept. 24 at Memorial stadium on the University of Minnesota campus.

Phillips, a singer, composer, and specialist on guitar and sitar, began his career with the singer Donovan and co-authored many songs with him including the popular "Season of the Witch." His three albums, released on A&M records, are "Contribution," "Second Contribution" and "Collaboration."

Also featured at "Marathon II" will be the Kenny Loggins band with Jim Messina (former lead guitarist of Poco and bass player for the Buffalo Springfield), Albert King, renowned blues guitarist, and Bonnie Koloc, a singer from Chicago, Ill., whose two albums, "After All This Time" and "Rainy Day Lady," have received national attention.

"Marathon II", sponsored by the University of Minnesota Welcome Week and the Union Program Council, is scheduled to last approximately six hours. In case of rain the concert will be moved to Williams arena.

Tickets, which are \$5 in advance and \$6 at the door, may be purchased at all Dayton's stores, Wayne and Rons, the Podium in Dinkytown, the Electric Fetus and the MSA student store in Coffman union on the University campus.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 28, 1972

NEWSMEN: For further information  
contact ELIZABETH PETERSON, 373-7513

'U' CHEMISTRY PROFESSOR  
WINS NATIONAL AWARD

(FOR IMMEDIATE RELEASE)

Professor Robert C. Brasted, director of the University of Minnesota's general chemistry program, was named winner of the 1973 American Chemical Society's \$2,000 Award in Chemical Education today (Monday).

The announcement was made during the society's week-long national meeting which is being held in New York City, NY.

A scientist and educator, Brasted was chosen for his research and teaching, his work toward improving the quality of chemical education and his leadership in organizations devoted to chemical education at all levels.

The award, which Brasted will receive next April during the Society's 165th national meeting in Dallas, Tex., was established in 1950 to recognize outstanding contributions to chemical education.

Born in Lisbon, N.D., Brasted received a bachelor of science degree and a master of arts degree from George Washington University and earned his doctor of philosophy degree in inorganic chemistry from the University of Illinois.

He joined the University of Minnesota faculty in 1947 as assistant professor and became a full professor in 1954.

Brasted has been an invited lecturer at universities and conferences in the U.S. and abroad, and is editor, author or co-author of several books, including an eight-volume series on inorganic chemistry.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 28, 1972

NEWSMEN: For further information  
contact ELIZABETH PETERSON, 373-7513

U OF M WOMEN'S PROGRAMS TO  
OFFER PUBLICATIONS WORKSHOP

(FOR IMMEDIATE RELEASE)

News writing and editing, graphic arts processes, layout and design will be the subjects of "The Medium and the Message," a one-day workshop to be held by University of Minnesota Women's Programs this fall.

The workshop, which will meet from 9 a.m. to 4 p.m. on Sept. 14, is aimed at beginners in the field of publicity and those responsible for newsletters, programs and announcements.

Faculty for the workshop will include Walter Brovald and Harold Wilson, professors of journalism at the University, Nancy Pirsig, head of the University News Service, and Beverly Sinniger, instructor for Continuing Education and Extension. Tuition is \$18.

For further information and registration forms, contact Women's Programs, 200 Westbrook Hall, University of Minnesota, Minneapolis, Minn., 55455; 373-9743.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 29, 1972

NEWSMEN: For further information  
contact ELIZABETH PETERSON, 373-7513

REGISTRATION OPEN FOR  
U OF M EVENING CLASSES

(FOR IMMEDIATE RELEASE)

Mail registration is now open for University of Minnesota extension classes.

This year, 1,500 classes will be offered in more than 90 academic disciplines. Courses are available in ecology, psychology, art, music, journalism, history, education, computer science, interior design, business, minority relations and many other areas.

"We expect 35,000 metropolitan residents to enroll in extension classes this year," said Theodore Campbell, director of evening and special classes. "Our students come from a variety of educational and occupational backgrounds and take work for a variety of reasons: to earn a certificate or degree, for occupational advancement or to pursue personal interests."

Classes will be held on the Twin Cities campus, at Richfield high school and Sandburg junior high school in Minneapolis and at Kellogg and Harding high schools in St. Paul.

There are no entrance requirements and it is not necessary to be a high school graduate to register.

In-person registration will be held from Sept. 7 to 15 at the Twin Cities campus, MacPhail Center in Minneapolis and the St. Paul Extension Office.

For further information and registration material, call 376-7500.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 29, 1972

NEWSMEN: For further information  
contact ELIZABETH PETERSON, 373-7513

U OF M TO OFFER SERIES  
OF MANAGEMENT SEMINARS

(FOR IMMEDIATE RELEASE)

Registration is now open for a series of management seminars to be offered by the University of Minnesota's department of continuing business education and Graduate School of Business Administration this fall.

The seminar series is designed to assist those in management in defining goals and directions and implementing policy programs through effective management of human, financial and physical resources.

Focusing on the latest concepts and theories of management as they relate to practical job problems, the seminars will make extensive use of participative teaching techniques such as case discussions, role-playing exercises and computer simulations.

The "Supervisory Management Series," scheduled to begin on Thursday (Sept. 7), is designed to provide managers and supervisors with basic leadership and communication skills and will explore recent developments in the behavioral sciences as they relate to job situations.

Seminars will also be offered in the areas of management planning and control systems, employment interviewing techniques, basic communication skills and elements of human behavior for executive secretaries, industrial marketing strategy and basic persuasion methods.

For further information and registration forms, contact the College of Business Administration, University of Minnesota, Minneapolis, Minn. 55455 or call (612) 373-3680.

(SCIENCE FEATURE: FOR IMMEDIATE RELEASE)

Feature story from the  
University of Minnesota  
News Service-S 68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
August 30, 1972

COWS DO THEIR PART  
FOR BIOLOGICAL RESEARCH

by Bill Hafling  
University of Minnesota Science Writer

Fresh cow dung, in plentiful supply, is an essential part of the research projects being conducted by Margaret G. Neson of the University of Florida in Gainesville.

"I need fresh cow dung whenever I do a study because I'm studying the copromyxa arborescens which grows on the dung. The copromyxa arborescens is a newly discovered species of the Acrasida family," she said.

A research associate in mycology, Neson is at the University of Minnesota to attend the American Institute of Biological Sciences meeting being held this week (Aug. 27 to Sept. 1).

Mycology is the biological study of the fungi, thus if you don't know your fungi too well you might not have heard of the Acrasida. Copromyxa arborescens, a new species of the Acrasida, might not be familiar, even if you do know something about fungi.

"I did undergraduate work in pre-med when I left the farm in North Carolina to go to college. Then I went into biological sciences, the way a lot of people who start out to be physicians end up doing. Now that I've nearly completed my Ph.D., it's like being back on the farm again---the lab smells like cow dung so much of the time."

Neson said there was hope that an understanding of the growth processes of of such fungi as the copromyza arborescens would someday add to the body of knowledge being amassed to combat cancer.

(SCIENCE FEATURE: FOR IMMEDIATE RELEASE)

Feature story from the  
University of Minnesota  
News Service-S 68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
August 30, 1972

Says speaker at Biological Sciences Convention---

EMERGENCE OF 'CONSCIOUS MAN' MARKS  
THE SECOND STAGE OF EARTH'S EVOLUTION

by Bill Hafling  
University of Minnesota Science Writer

What becomes of man and his earth is now up to man, according to a speaker at the American Institute of Biological Sciences (AIBS) meeting being held this week at the University of Minnesota.

"At the present moment," contends Dr. Janis Klavins, "man is experiencing a life which is better than in all of past history."

Readers of today's newspapers may find this hard to accept. Man seems to be in a mess largely of his own making.

Opera-singer, cancer researcher and geneticist, Dr. Klavins, who is director of laboratories of Queens Hospital Center and professor of pathology at the Health Sciences Center, State University of New York at Stony Brook, explains his somewhat controversial optimism:

"The biological evolution on earth is short compared to that of the universe. Two different periods have taken place on earth. The first consists of an unconscious evolution which is still going on and the second period---due to man's existence---is that of conscious evolution.

"The blue-green algae, the oldest fossils of life, are approximately 1.5 billion years old, but the beginning of life has to be sought in the more distant past.

(MORE)

"The emergence of man is estimated at approximately 10 million years back. It is this event---man's emergence---which signifies the beginning of the second period of biological evolution---the conscious period.

"If you are religious, you can say 'God made the first stage of evolution.' The second stage, however, is evolution by design. God alone no longer can do that because man is now participating. In my opinion there is no end to the design possible, at least on earth. The two stages are overlapping."

POWER TO CONTROL LEADS TO 'CONSCIOUS' RESPONSIBILITY

Man's shaping of his environment, which thus far has not been in as good a direction as might be expected of an intelligent being, may only have been due to this lack of "consciousness."

"The present situation may be due to unconscious design, exemplified by a lack of clear purpose in life and a lack of goals," Klavins said.

"Consciously, man would not have wanted to create pollution of water, air and soil, but it turned out that way. Nevertheless, this can be avoided. I'm not pessimistic.

"For example, there is an increase of cancer of the lung over the past decade as the result of pollution of the air," Klavins said, "yet, by stopping smoking we could compensate for this increase in pollution.

Klavins said that man's capacity for self-control is quite significant and that once man realizes there is an actual threat to his existence he will stop doing what is harmful.

"As long as there is no awareness of self-destruction, we go headlong at top speed, ignoring the ecology, the environment and our future. But we are becoming aware now. This meeting, the United Nations, and the Stockholm conference on the world environment all show that at least some people are becoming aware. Man is becoming conscious of responsibilities.

(MORE)

"The biological evolution, which includes in its broad concept also the cultural evolution, now casts the dawn of a new era. An era of fulfillment of hopes, elimination of senselessness of life, reconsideration of death as the final event of existence, and ultimate achievement of a happy and infinite life."

Born in Latvia, Dr. Klavins holds doctor of medicine and doctor of philosophy degrees from the University of Kiel, Germany, and a degree in music from the Music Academy in Lubeck, Germany. He has sung at Carnegie Recital hall in New York. At the AIBS meeting he is speaking both on cancer research and evolution.

CORRECTION: PLEASE USE THIS RELEASE  
IN PLACE OF A SIMILAR ONE DATED AUGUST  
29.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
AUGUST 30, 1972

NEWSMEN: For further information  
contact BEVERLY SINNIGER, 376-7500

REGISTRATION OPEN FOR  
EXTENSION CLASSES AT 'U'

(FOR IMMEDIATE RELEASE)

If you are one of the 35,000 Twin Cities-area residents who are expected to take University of Minnesota extension classes this year, you may be interested in a number of changes announced today by the director of evening and special classes, part of Continuing Education and Extension at the U.

Classes will be held for the first time at Harding high school in St. Paul, and will no longer be held at either the downtown St. Paul Extension Center or the MacPhail Center in downtown Minneapolis. "Freeways and improved highways have made travel to outlying areas easier, so our off-campus class centers can be further away," said Director Theodore Campbell, who also cited student preference for the change. (Registration, however, for all evening classes will be held at the two downtown locations.)

Another change that attempts to help prospective students find what they're looking for is a 14-page section in the 1972-73 Extension Class Bulletin listing classes by specialized interest. Thus, in a list of "Environmental Courses," you can find "Ecology and Man," a biology course; "Business and the Natural Environment," a business administration course; and 30 other classes offered in 13 different departments.

In all, the bulletin shows 12 different ways for you to get extension credit by taking evening classes. It also gives procedures for getting special help in study skills, for those who may feel they have been out of school too long to know how to study effectively, write a paper, etc.

Registration by mail is now open; in-person registration will be held Sept. 7 to 15 at 57 Nicholson hall on the Minneapolis campus, or at the two downtown centers mentioned above.

In addition to Harding high school, classes will be held at Richfield senior high (Richfield), Sandburg junior high (Golden Valley), Kellogg senior high (Roseville), and on the Twin Cities campus. Registration will be held at the high schools for those classes being held there only.

For an Extension Class Bulletin, further information or registration material, call 373-3195.

Extension classes are available to anyone, including those who have not graduated from high school.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 1, 1972

NEWSMEN: For further information  
contact JUDY VICK, 373-7515

WILDLIFE ART GALLERY  
TO OPEN IN 'U' MUSEUM

(FOR IMMEDIATE RELEASE)

The wildlife art of the late Francis Lee Jaques will be shown in the opening exhibit in the new Jaques gallery in the James Ford Bell Museum of Natural History at the University of Minnesota.

The formal opening of the gallery will be Saturday, Sept. 9, with a reception beginning at 8 p.m. The exhibit of Jaques art will be open to the public through Nov. 27, Monday through Saturday from 9 a.m. to 5 p.m., Wednesdays until 9 p.m. and Sundays from 2 to 5 p.m.

The gallery, which is built into the lobby mezzanine of the museum, is a gift to the museum from the late Florence Page Jaques, wife of the artist. Major contributions to the total cost of \$40,000 were also received from other members of the Jaques family and the Bell foundation.

The Jaques exhibit includes 59 works---15 of which were given to the gallery by Mrs. Jaques. The others are on loan from private and public collections. Among those works owned by the museum is the Elk Sculpture, the only bronze animal sculpture made by the artist.

Following the Jaques exhibit, the gallery will be used to display the works of other wildlife artists with some of the Jaques works remaining on permanent exhibit.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 8, 1972

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

'U' ESTABLISHES INTERNATIONAL  
FERTILITY RESEARCH PROGRAM

(FOR IMMEDIATE RELEASE)

An international program for applied fertility research has been established at the University of Minnesota.

The Agency for International Development has given the department of obstetrics and gynecology at \$3.3 million three-year contract to solicit, evaluate, and monitor research proposals dealing with new and improved methods of fertility control for both men and women.

Dr. John Sciarra, head of obstetrics and gynecology at the University is project director. Dr. Julius Butler Jr., assistant professor of obstetrics and gynecology, is project coordinator.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 8, 1972

NEWSMEN: For further information  
contact JUDY VICK, 373-7515

'U' REGENTS APPOINT  
CLA DEPARTMENT HEADS

(FOR IMMEDIATE RELEASE)

Three new department chairmen and an acting chairman in the College of Liberal Arts were appointed Friday (Sept. 8) by the University of Minnesota Board of Regents.

Muhammad A.R. Barker, a professor at the Institute of Islamic Studies, McGill University, Montreal, Canada, was named professor and chairman of the South Asian languages department and the South Asian Center. Paul P. D'Andrea, an assistant professor at the University of Chicago, was named associate professor and chairman of the humanities program. Anthony N. Zahareas, director of graduate studies at New York University, was appointed professor and chairman of the Spanish and Portuguese department.

The three appointments will be effective Sept. 16.

Barker, 42, a native of Spokane, Wash., holds a bachelor's degree from the University of Washington and a doctor of philosophy degree from the University of California at Berkeley. He has authored several texts for teaching the languages of India. He succeeds Guy Welbon, who has resigned from the University faculty.

D'Andrea, 33, holds bachelor's, master's and doctor of philosophy degrees from Harvard University. He has written several stage and radio plays which have been produced in the United States and England. His most recent play, "Merrymount," opened at the Hampton Court Theatre in London last January. D'Andrea succeeds Robert Ames who will remain on the University faculty as a professor of humanities.

(MORE)

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Zahareas, 42, holds bachelor's, master's and doctor of philosophy degrees from Ohio State University. Born in Greece, he is a U.S. citizen and has served on the faculties of Colby College, the University of Pennsylvania and New York University. He is the author of three books of Spanish literature. He succeeds Rodolfo Floripe, who has completed a one-year term as chairman, and will remain on the faculty as a professor of Spanish and Portuguese.

Alfredo M. Gonzalez, a doctoral candidate at the University, has been named instructor and acting chairman of the new Chicano studies department.

Gonzalez, 37, has bachelor's and master's degrees from the University of Washington. He is currently a member of the faculty at York College of the City University of New York. He is a United States citizen of Mexican and Peruvian descent.

The Chicano studies department was established by the Board of Regents in February of this year.

In other action, Theodore E. Kellogg was appointed acting director for the Higher Education Center of the College of Education effective Dec. 16, 1972.

Kellogg has been vice provost for student affairs at the University of Minnesota, Duluth, since April, 1971. From 1969 to 1971 he served as the director of the Office of Admissions and Records on the Twin Cities campus.

Kellogg, a native of Fort Madison, Iowa, received his bachelor's, master's and doctor of philosophy degrees from the University.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 8, 1972

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NEWSMEN: For further information  
contact BILL HUNTZICKER, 373-7512

REGENTS PLAN 1972 'U'  
LEGISLATIVE REQUESTS

(FOR RELEASE AT NOON FRIDAY, SEPT. 8)

The University of Minnesota Board of Regents will ask the 1973 Legislature for \$250.1 million, an increase of \$46.3 million over the current biennium, to operate the University for the 1973-75 biennium.

The legislative request was approved by the Regents Friday (Sept. 8) after a period of intensive trimming by the central administration of \$66 million in requests from units of the University.

The University's appropriation from the 1971 Legislature was \$204.1 million, an increase of about 19 per cent over the previous biennium. But University President Malcolm Moos said the earlier appropriation included expenditure mandates exceeding the amount of new funds, thus forcing the University to cut 100 academic and 100 civil service positions over the biennium.

"An absolute standstill this time would require about a 2.5 per cent or \$5 million increase over the 1971 biennial appropriation," Moos said. That figure is based on double the 1972-73 budget to get the cost of continuing the present annual budget for two more years.

Changing their strategy from the last legislative session when the University asked for \$64 million more than it received, administrators and some Regents have worked to trim the University's request to approach the percentage of the increase allotted in 1971. The current request is \$20 million less than the University's 1971 request.

Appearing before the Regents, Carl A. Auerbach, acting dean of the Law School, said the new strategy would not adequately tell the Legislature the University's needs. If cuts must be made, he said, let the Legislature do it.

Regent John A. Yngve, chairman of the budget, audit and legislative relationships committee, said that presenting a "laundry list" of needs would result in the University's loss of control over the selection of priorities.

"We have sharply pruned the requests from the various units of the University," Moos said. "It was a painful process, since the heads of those units had already labored conscientiously to reduce their initial askings."

The budget increases will be sought to pay for higher costs as a result of more students enrolling in high-cost graduate and professional fields while the overall enrollment of the University is expected to level off during the biennium.

The increase includes \$18.9 million in proposed 5.5 per cent faculty and staff pay increases per year and takes into consideration \$9.5 million in additional income to be derived from tuition increases.

"As for tuition," Moos said, "this request seeks to maintain its relationship to instructional costs. "The students' share of those costs would remain at 26.5 per cent but there would be a tuition increase in terms of dollars. In order to protect low-income students from loss of educational opportunity, we are asking an additional \$750,000 in tuition support money."

The total increase in the request, excluding salary increases, is \$31.9 million, \$5 million of which is required for "absolute standstill." Another \$5.9 million is required for maintenance for new buildings which will be completed during the biennium.

The health sciences would increase \$5.8 million or 26 per cent for the 1973-75 biennium if the Legislature were to fund the request while the other academic units would increase \$10 million, or 7 per cent over the same period.

"I shall urge the Board of Regents and the State Legislature to recognize the expansion in health sciences as a commitment that must be met but one that should be weighed against total state funding priorities, not just those of the University," Moos said.

Special state appropriations to be sought will total \$56.7 million, excluding salary increases, for an increase of \$15 million over the current biennium.

Legislative specials are for funding programs of special state interest or those for which a special visibility is desired by the Legislature or the University. Legislative special appropriations are for specific purposes while the general appropriation goes to the Board of Regents for use as the board decides.

Last month, the Regents approved a \$64 million request for new buildings and presented it to the Legislative Building Commission. The building requests are not included in the general operations and maintenance budget or legislative special appropriations.

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(FOR USE ANYTIME)

Feature story from the  
University of Minnesota  
News Service-S 68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
September 11, 1972

## LAW MAY BE GLAMOUR PROFESSION OF SEVENTIES

by Bill Huntzicker  
University News Service Writer

"Law has become the glamour profession of this decade as the sciences and space technology were in the 1950's and 1960's," according to Carl A. Auerbach, acting dean of the University of Minnesota Law School since July 1.

Auerbach, who succeeded William B. Lockhart who returned to teaching, said the Law School received 1,800 applicants for the 250 positions in the first-year class entering this fall.

"One reason for the sharp increase in the number of would-be young lawyers is the realization that law is one profession in which young people can work within the democratic system for peaceful social change," Auerbach said.

And Auerbach believes the demand for lawyers as well as the interest in law as a field of study will increase in the future.

Auerbach is critical of people who attribute a "money-making" motive to lawyers and those who accuse the law schools of fostering such an attitude.

"Undoubtedly, just as in every profession, some lawyers try to make as much money as they can," Auerbach said. "But there are several thousand lawyers working nationally in the Office of Equal Opportunity Legal Services Program which handles about two million cases a year for the poor."

Auerbach said that countless other attorneys volunteer time for national, state and local civic and social causes.

(MORE)

"Our main concern as law teachers is not only to make certain that our students acquire all the tools of the trade but that they also understand our democratic legal order in its social context," he said.

Auerbach said that a recent U.S. Supreme Court ruling requiring that poor people be provided lawyers for their defense in misdemeanors of petty-offense cases will require an additional 2,000 fulltime lawyers.

As further evidence that the demand for lawyers will increase, he said, there are increasing numbers of blue-collar and middle-class people who have unmet needs for private legal counsel.

"A number of experimental prepaid legal service plans are being tried by labor unions and other groups much the same way that group-health plans and prepaid medical plans now operate," he said.

Auerbach said there is also an increasing public demand for legal representation of consumer and ecological interests.

The dean has been pressuring the University administration to ask the 1973 Legislature for funds for a new law building to house an enrollment of 1,000 students. A similar request is currently under consideration by the Legislative Building Commission.

"The present law building, designed for a maximum of 450 students and 21 faculty members, is now overflowing with 750 law students and 35 faculty members," Auerbach said.

"Every inch of space is being utilized. Library seats are frequently at a premium. The sub-basement of the building has been jammed full of books and many books have been moved out side the Law School."

He said part of the increased demand on the school has been the result of a poor job market for students in other professional and graduate programs.

Auerbach hopes to keep law as a tradition at home as well as at the office.

His daughter, Linda, is in her third year at George Washington Law School in Washington, D.C. A son, Eric, is an undergraduate at the University of Chicago. His wife, Laura, is editor of "State DFL News" and a staff aide to Governor Wendell Anderson.

Besides his teaching duties in the Law School, Auerbach has been chairman of the influential University consultative committee which, with the central administration, headed the retrenchment and reallocation process of budgeting which consumed so much University time this past year.

Although he will resign this committee to serve as dean, Auerbach will continue to head the University tenure committee which will revise the faculty tenure regulations this year.

Auerbach, 56, joined the University faculty in 1961 from the law faculty at the University of Wisconsin. Before that, he was an attorney in the Labor Department and the Office of Price Administration in Washington, D.C.

During World War II, he served in the Office of Strategic Services and the Allied Control Council in Berlin, Germany.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 11, 1972

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NEWSMEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

'U' WELCOME WEEK  
TO BEGIN SEPT. 17

(FOR IMMEDIATE RELEASE)

Thousands of freshmen and other new students will begin meeting on the University of Minnesota's Twin Cities campus Sunday (Sept. 17) for the traditional Welcome Week activities.

The week's events, which will end Sunday, Sept. 24, with a blues and folk concert, are designed to show new students the range of issues and activities they will encounter while at the University.

Included in the week---the theme is "Choose"---is a series of more than 100 events, ranging from sessions on bike care and natural gardening to films, dances and concerts. There will also be sessions on how to take a test, how to cope with pressure and even how to care for teeth.

Most events will take place on the Minneapolis campus, although Wednesday, Sept. 20, has been designated Ecology Day and all events are scheduled on the St. Paul campus.

The annual Parents Day convocation will be held Sunday (Sept. 17) at 2 p.m. in Northrop auditorium. Speakers include University President Malcolm Moos, student body president Jack Baker and vice president for student affairs Paul Cashman.

A session which will begin at 1 p.m. Thursday, Sept. 21, in Coffman Union will acquaint students with a variety of campus organizations, including the Veterans Association, the Minnesota Public Interest Research Group, campus ministries, women's liberation and the sky-diving club.

(MORE)

Most events, with the exception of the dances and the concert at the end of the week which have an admission charge, are free and open to the public.

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SUPPLEMENTARY INFORMATION:

The following is a list of Welcome Week activities which may be of particular interest to news writers and photographers. All are free unless otherwise noted.

Sunday, Sept. 17, 2 p.m., Northrop auditorium---Parents Day convocation.

Monday, Sept. 18, 10 a.m. to 4 p.m., Coffman Union main ballroom---Activities Fair, with representatives from many campus groups; also Tuesday and Thursday. 11 a.m., Coffman main ballroom---Nancy Hauser Dance Company presents fundamentals of dance. 1 p.m., Coffman main ballroom---How to cope with pressure.

Tuesday, Sept. 19, 10 a.m., Coffman main ballroom---How to take tests.  
1 p.m., Whole Coffeehouse in Coffman---Alive & Trucking theatre company.

Wednesday, Sept. 20, Noon. St. Paul campus mall---bike care session teaches how to repair bikes. 1 p.m., 310 Horticulture building, St. Paul---Natural Garden session teaches organic gardening and food preparation. 1 p.m., 10 Palmer Classroom building, St. Paul---Clinical psychologist John Brantner discusses ways to integrate dying into living.

Thursday, Sept. 21, 10 a.m. to 4 p.m., Minneapolis campus mall---Art Fair.  
1 p.m., Coffman Union---discussions of ways to get involved, including a session on religion led by the Rev. Joseph Head in Coffman men's lounge.  
2 p.m., Coffman terrace reading room---multi-media program on the status of women students. 1 p.m., 203 Livestock Pavilion, St. Paul---Kite-making session with prizes for the most original.

Friday, Sept. 22, 11 a.m., Coffman terrace reading room---Theodore Labuza, associate professor of food science and industry, discusses his feeling that the organic food craze is deceiving the public.  
2 p.m., 344 Coffman---Hussein Zaki, assistant professor in the Dental School, discusses teeth and dental hygiene. 3 p.m., Coffman women's lounge---Members of the Abortion Action Coalition debate members of Save Our Unwanted Life on the subject of abortion. 3 p.m.---The University and Minority Group sessions. Chicanos will lead a discussion in 325 Coffman, blacks in Coffman men's lounge and American Indians in Coffman terrace reading room.

Sunday, Sept. 24, 2 p.m., Memorial stadium---Blues and Folk Marathon II with Shawn Phillips, Albert King and Bonnie Koloc. Tickets are \$6 at the door.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 18, 1972

NEWSMEN: For further information  
contact CAROL JOHNSEN, 373-7511

REGISTRATION OPEN AT U OF M  
FOR CHILDREN'S ART CLASSES

(FOR IMMEDIATE RELEASE)

Registration is now open for children's Saturday-morning art classes at the University of Minnesota's Institute of Child Development.

Children from five to eight years old are eligible for the 10-session program which runs from Sept. 30 to Dec. 9. Enrollment is limited to 20 and preference is given to children who have not previously been enrolled in an art class at the institute.

A variety of creative materials---melted crayon, burlap, plaster, sand, pine cones and film---is used in the classes to explore new ways of expressing artistic ideas.

Professor George K. Olson of the art education department will supervise the program. Classes are taught by graduate students in the department.

Fee for the classes, which meet from 10 a.m. to 12:30 p.m., is \$15.

For further information or to register call the Institute of Child Development at 373-2390.

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SEPTEMBER 18, 1972

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NEWSMEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

COMPUTER TO MATCH  
CAR POOLS AT 'U'

(FOR IMMEDIATE RELEASE)

The University of Minnesota has a car problem. More than 50,000 private vehicles converge on the Twin Cities campus each day and 60 per cent of the cars have only one occupant.

In addition to causing traffic jams at rush hours, the car problem ties up valuable land in parking areas and clogs the residential community surrounding the campus with parked cars every school day.

A survey taken by the University's Office of Physical Planning and Design last March showed that one third of the drivers would be willing to join a car pool. Most of those willing to car pool haven't done so because they don't know anyone else to join.

A computerized car pool system going into operation for the first time this fall at the University is designed to deal with both problems: cut down on the number of cars and get potential car poolers together.

Steve Shapiro, a student who helped plan the computerized system, said car pooling isn't new but the computerized plan is unusual.

"Other systems have formed pools around a zone or zip code," he said. "Our system emphasizes the individual and his needs and makes him the starting point for forming a pool."

People who sign up for the system fall quarter will fill out a form showing where they live, where they'd like to be dropped on the Twin Cities campus, and what times and days they need to arrive and leave.

The information will be fed into a computer which will then match similar needs and preferences. Shapiro said each participant will receive a list of up to 10 names of people in his neighborhood who wish to join a car pool.

(MORE)

The system is designed to allow for flexibility. If a commuter needs to arrive early on some days and later on others his list of names will include some who can fill that need.

The system is prepared to cover the seven-county metropolitan area and handle 5,000 commuters easily.

"We really don't know what the response will be this first time," Shapiro said. "If we do get more than 5,000 names, we can handle them."

The student newspaper will carry coupons the first week of school which commuters can clip and send to the transit office with their car pool information. About three weeks after the start of the quarter the computer matches will be sent out and commuters can start setting up their pools.

One of the incentives for the system is a parking lot near campus which is reserved until 9 a.m. each day for cars with three or more occupants.

After the computer-matched system---which is open to faculty, staff and students---is established, it can be offered to any large office or manufacturing complex in the area. Shapiro said the State Capitol Complex and the IDS Tower would be the kind of traffic-attracters which might want to use the system.

In its initial stages the University is covering all costs of the plan; there will be no charge to commuters. There are plans to seek federal or state funding to continue the car pool program.

David Licht and Barbara Gilbertson, of the University's physical planning office, and transit coordinator Roger Huss, of the transit office cooperated in designing the car pool system.

Both offices see the computer-matched plan as a short-term solution to a problem which is going to require a mass transit system in the long run.

Because of a late start, the coupons for fall quarter will be in the campus newspaper and available at the transit office. In following quarters the cards will be included in students' registration materials and will be distributed to faculty and staff by departments. Participants will then be able to receive their computer matches by the second week of the quarter.

UNIVERSITY OF MINNESOTA  
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SEPTEMBER 19, 1972

NEWSMEN: For further information  
contact BILL HUNTZICKER, 373-7512

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## REGENT DIES

(FOR IMMEDIATE RELEASE)

Lyman A. Brink, 63, a member of the University of Minnesota Board of Regents since October, 1968, died Monday night in Kittson Memorial Hospital in his hometown of Hallock, Minn.

Brink, who had been Kittson county attorney for 32 years, was named to the board by Gov. Harold LeVander following the death of Herman F. Skyberg, whose term would have expired in 1973. Brink's appointment was approved by the 1969 Legislature.

Brink was chairman for one year of the Regents' committee on contracts, gifts and grants.

Brink, a Duluth native, was a district court judge in 1962 and 1963. He attended Concordia College and had a law degree from the University of North Dakota. He was born Sept. 6, 1909, in Duluth.

"Lyman Brink was an effective spokesman for the entire University, especially coordinate campuses, and leaves an impressive mark on the Board of Regents after four years of service," University President Malcolm Moos said.

"He was a vigorous participant in Regents' committee meetings and exercised a persuasive voice in all deliberations of the board. Regent Brink always injected a lively wit into the councils of University meetings and his presence will be much missed at future gatherings," Moos said.

Brink is survived by his widow, Virginia, two daughters, Mrs. Chester (Mary) Fowler of Fairfax, Va., and Mrs. Mark (Maureen) Anderson of Gresham, Ore. His former wife, Ester, died in February, 1971.

Brink died of an asthmatic attack followed by heart failure. Funeral services will be at 2 p.m. Thursday in Grace Lutheran Church in Hallock.

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UNIVERSITY OF MINNESOTA  
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SEPTEMBER 19, 1972

NEWSMEN: For further information  
contact Bob Lee, 373-5830

NEWS CONFERENCE

Senator Walter Mondale (DFL-Minn.) and Dr. John Najarian, chairman of the surgery department at the University of Minnesota, will hold a news conference at 10:30 a.m. Saturday (Sept. 23) in the News Conference Room, B 13 Morrill hall.

Sen. Mondale will describe a kidney-transplant bill he will introduce in Congress Friday (Sept. 22) or Monday (Sept. 25).

Dr. Najarian, who will be accompanied by two former patients who have received successful kidney transplants, will be available for questions.

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WEEKEND FEATURE

(For Use Weekend of Saturday, Sept. 23, ---  
Through Sunday, Sept. 24, and Thereafter.)

Feature story from the  
University of Minnesota  
News Service S-68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
September 19, 1972

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NEWGATE---HOPE FOR THE IGNORED

by Elizabeth Petrangelo  
University News Service Writer

The sign over the door reads "Newgate." It was placed there as a symbol of unity and hope by the men who live there.

The door to Newgate House, on the University of Minnesota Twin Cities campus, is a door to the future for parolees from St. Cloud Reformatory who are pursuing college degrees as participants in Project Newgate.

The three-phase project, originally funded by the Office of Economic Opportunity, was begun at the University in summer of 1969. Now funded partially by the Governor's Crime Commission, Newgate is an attempt to provide a reintegration into society for prison inmates.

"Most efforts in the field of corrections fail because they don't go far enough," said Glenn Bartoo, director of Project Newgate. "Newgate gives its men three major things: a college education which can be a real success factor, daily group-therapy sessions to help the men make attitude and personality changes, and a sense of continuity."

According to Bartoo, discontinuity between prison life and life on the outside is a major obstacle to an inmate's successful adjustment upon release. While in prison, few decisions made by the inmate will have lasting consequences. Most decisions are made for him.

In contrast, as soon as he is released, all his decisions have consequences and he is faced with relatively total freedom. The transition is all too often made unsuccessfully.

"Newgate smooths out this transition by giving an inmate decision-making power while he is on the inside," said Bartoo. "For instance, if a man works hard and gets A's while in prison, they are part of his grade-point average on the outside.

(MORE)

"Furthermore, changes in a man's self-image, attitudes and views of the world promoted by the group meetings help him begin to feel 'civilian' while still on the inside."

Newgaters begin their participation in Phase I of the program while still in prison. The inmate must make the first move himself and express an interest in being part of the program. He must then proceed through a selection process.

To be considered for the project, an inmate must have from 6 to 15 months remaining in his sentence, a high school diploma and passing scores on the Minnesota College Entrance Examination.

If he is accepted, he begins his fulltime coursework behind the walls. Newgaters receive instruction in General College courses under faculty members from St. Cloud State College, and generally complete about 45 credits while still institutionalized.

The prison has provided the project with an office and limited classroom space. The office includes a cramped lounge area, administrative space and the project's entire library.

The office walls boast large maps of the Twin Cities campus and pictures of Newgate House which the men study carefully.

The inmates also participate in daily group therapy sessions, the "real meat of the program," according to Jim Salmon, community phase (Phase II) group leader. "An inmate can get his 45 credits easily and have high intelligence but this doesn't mean he will succeed in the outside world," said Salmon.

"The purpose of group therapy is to help him solve the problems that put him in the institution in the first place."

At the present time, there are 21 fulltime and 10 parttime Newgate students at the prison. "There's really no jealousy on the part of the other guys who aren't in the program," said Ernie, a soft-spoken inmate who expects to come to the campus house this winter quarter. "They just want us to do well and make it on the outside."

(MORE)

Newgaters who are ready for parole are generally paroled in a group at the start of each quarter to begin Phase II at the Newgate House.

Once an individual moves into the house, there are few rules to follow. Each man spends two quarters there where his main responsibilities are to his school work and household duties. Most participants carry a full course load (15 credits) and most maintain a B average.

There is a strong community feeling in the house and the group-therapy leaders try to establish a sense of mutual responsibility among the men. "In our therapy sessions, we try to get the point across that the program belongs to the guys, and if one screws up, he screws it up for everybody," said Salmon.

"We want to establish a positive peer culture as opposed to the negative prison culture."

Bartoo explained the therapy situation further:

"Upon entering prison, most men become super-males and develop the 'cast-iron guts' necessary to survive in prison. In therapy, we try to blow this role wide open, and it's painful.

"Newgate comes along and says 'We want you to make it on the outside and have care and concern for the rest of the group.' So some of these guys fear and hate Newgate. We are asking them to give up their own culture---the prison culture---and to accept an entirely new one."

This group-therapy process also tries to break down the fantasy that causes men to blame others for their wrongdoing.

"Most criminals are extremely good at rationalizing away blame for their own behavior," Bartoo said. "An effective corrections person or program has to make the guy accept the responsibility for his own actions."

"The members of the group say you can't con a con," Salmon said. "They have no patience with the guy who says, 'I ended up here because my father beat me' or 'because I'm from the ghetto.' They say, 'You ended up here because you broke the law just like I did.'"

After two quarters in Newgate House, the men are expected to make it on their own, continuing their education like any other student. This is Phase III.

Bob Milan, one of the five resident counselors at the house and an ex-Newgater himself, said, "The first six months out are the hardest. Newgate tries to keep a guy long enough to help him through this critical period, but not so long as to make him dependent. A lot of guys have to be pushed out---otherwise they would stay forever."

Since August of 1971, 31 men have come to Newgate House and only one has returned to the reformatory for a repeat offense. Nationally, correctional experts predict that 70 per cent of those released from prison will commit a crime within four months of their release and be returned to prison.

According to Bartoo, "The Newgate package of programs may be an answer to the grievous problems of crime and punishment," and may help reduce this rate of return.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 TORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 20, 1972

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NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

U OF M WOMEN'S SEMINAR  
EXAMINES ART OF WELL-BEING

(FOR IMMEDIATE RELEASE)

Nutrition, drug use, death, anxiety and depression will be among the subjects discussed in "The Art of Well-being," a two-quarter seminar to be offered by the University of Minnesota's Women's Programs.

Scheduled to begin on Wednesday, Oct. 4, the no-credit seminar will be taught by a team of professors from the psychology, psychiatry, classics, sociology, home economics and nursing departments of the University and the College of St. Catherine.

During the fall quarter, class meetings will include a review of the social use of drugs as it affects well-being with Dr. Faruk Abuzzahab, professor of psychiatry at the University, and a look at depression, anxiety and sources of joy with Professor John Brantner of the University's clinical psychology department.

Professor Phyllis Osborne of the College of St. Catherine's departments of home economics and nursing will offer a unit on nutrition.

During the winter quarter, the seminar will focus on community health resources, needs and new community programs. It is advisable but not necessary to register for both quarters.

Fee for the course is \$30 for each quarter. For more information and registration materials contact Women's Programs, 200 Mesbrook Hall, University of Minnesota, Minneapolis 55455, or call 373-9743.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 21, 1972

NEWSMEN: For further information  
contact BILL HAFLING, 373-7514 or  
BILL HUNTZICKER, 373-7512

FIRST INTERNATIONAL SYMPOSIUM  
ON "BEHAVIOR MODIFICATION"  
TO BE HELD IN TWIN CITIES

(FOR IMMEDIATE RELEASE)

Organized by the University of Minnesota and the University of Uppsala (Sweden), the first International Symposium on Behavior Modification will be held in Minneapolis beginning Wednesday, Oct. 4.

Designed primarily for professionals in the behavioral sciences, the symposium will take place at the Radisson South Hotel.

Topics to be discussed at the symposium include improved teaching methods, treatment of sexual disorders, drug abuse, aggression, anxiety, and bronchial asthma, and a discussion of an experimental living community of the Walden II type. Techniques for dealing with marital problems, alcoholism, the mentally retarded, and the emotionally disturbed will also be presented. Approximately 700 professionals from all parts of the world, are expected to attend.

According to Professor Travis Thompson, one of the organizers of the symposium, "Behavior modification consists of a set of principles and techniques derived from laboratory research on learning and behavior change which are applied to improve socially significant human behavior."

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 22, 1972

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NEWSMEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

REMOTE LOTS AND MASS TRANSIT  
COULD EASE 'U' TRAFFIC JAMS

(FOR IMMEDIATE RELEASE)

The relative quiet on the University of Minnesota campus ends Monday (Sept. 25) with the start of fall quarter classes.

Tens of thousands of cars will attempt to squeeze into the University's parking spaces or on-street spaces in the surrounding community.

The University Police say the first few days of school are the worst while drivers find the routines they'll settle into for the rest of the year.

Especially on the first day of school, anyone driving to the campus should allow extra time for the trip. Other drivers who use routes which serve the campus should try an alternate route the first few days.

Although enrollment is expected to be down slightly this fall on the Twin Cities campus, there will still be about 50,000 vehicles competing for the 12,500 parking spaces in University lots, ramps and garages.

Actual enrollment figures will not be available until the third week of classes, but administrators are estimating a drop of about 1300 students from the 43,061 figure for this time last year. There are also nearly 8,000 civil service staff members and about 2,800 fulltime faculty who will be converging on campus.

University transit and parking officials are encouraging drivers to take advantage of mass transit options and remote parking lots to reduce the congestion near campus.

A new lot, able to handle about 700 cars, has been established on University property on Como ave. near 29th st. The Elm-Kasota parking lot has been discontinued,

(MORE)

reducing somewhat the number of available parking spaces. There will be no charge for parking in the Como lot.

The Como lot will be serviced by both the intercampus bus line and a special shuttle bus which together will provide bus service every five minutes during peak hours. Drivers who have purchased a fare card from a University bursar may ride the buses for a dime.

The lot at the State Fairgrounds is being continued with a 20 cent parking fee and a free shuttle bus to the St. Paul Student Center.

And, the lot adjacent to Morrill hall now costs 50 cents per hour, double last year's rate.

According to Walter Johnson, manager of parking services, the rate was increased to discourage all-day parkers from using the lot which is designed to serve as a short-term visitor lot.

The University is continuing its seven-route express bus system which this year is sponsored jointly by the University and the Metropolitan Transit Commission (MTC).

Routes for the buses are posted on campus and will be listed in the campus newspaper on Monday (Sept. 25).

Roger Huss, transit coordinator, said most bus routes are the same as last year, although service has been extended to Southdale and Southtown.

Huss said that because of the cooperation between the MTC and the University, fares on most of the express routes have been reduced.

Huss advised faculty, staff and students to check the campus newspaper on Monday for the changes in the bus system which connects the East and West Bank areas and the St. Paul and Minneapolis campuses.

SUPPLEMENTARY INFORMATION:

Complete schedules for the express buses will be printed in the Minnesota Daily. Information is also available from the transit office, 373-0374, and from the MTC, 827-2621. Most express buses will make at least two trips along each route each morning, deposit riders at several stops on and near campus and make return trips in the afternoon.

A brief description of routes follows:

Route B: from 66th and Barrie road, leaving at 6:43 a.m. and 7:13 a.m.

Route C: from 42nd and Lyndale, leaving at 7:07 a.m., 7:33 a.m. and 8:41 a.m.

Route D: from 76th and Penn, leaving at 7:26 a.m.

Route E: from Kellogg and Cedar, leaving at 7:16 a.m., 7:43 a.m. and 8:37 a.m.

Route F: from Edgumbe and Snelling, leaving at 7:07 a.m., 7:34 a.m. and 8:33 a.m.

Route G: from 93rd and Lyndale, leaving at 7:16 a.m. and 8:22 a.m.

Route J: from 44th and Central, leaving at 7:05 and 7:35 a.m.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 26, 1972

NEWSMEN: For further information  
contact JUDY VICK, 373-7515

'U' SHOWBOAT HAS RECORD SEASON

(FOR IMMEDIATE RELEASE)

Attendance on the University of Minnesota Centennial Showboat for the season just ended was a record average of 102.7 percent of capacity for each of the 97 performances.

This is the best attendance the boat has had during the 15 years it has been operating on the Mississippi River. Average attendance for the total period is 98.3 percent of capacity. A total of 306,532 people have attended 1,485 performances on the boat since the sternwheeler General John Newton was purchased in 1958 by the University Theatre and the Minnesota Centennial Commission.

A total of 20,912 tickets were sold for performances in 1972. The Showboat auditorium seats 210.

Hammerstein and Kern's musical "Show Boat" and Jean Giraudoux's "The Madwoman of Chaillot" were presented this year under the direction of Frank M Whiting who has been "Captain" of the boat since its beginning.

The Showboat operates each summer from June through the beginning of September with a crew of University Theatre students. In past years the boat has traveled downriver with stops at several Minnesota river towns. High water levels this year made such excursions impossible.

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SEPTEMBER 26, 1972

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NEWSMEN: For further information  
contact JUDY VICK, 373-7515

UNIVERSITY THEATRE TO HAVE  
FINAL SEASON IN SCOTT HALL

(FOR IMMEDIATE RELEASE)

A classic comedy, the Twin Cities premiere of a musical, a contemporary play by a new playwright and two of the most significant works of August Strindberg and William Shakespeare will be presented by the University of Minnesota Theatre during their final season in Scott hall auditorium.

"The plays selected for this season are widely variant and representative of different types of theater," said Kenneth Graham, director of the University Theatre. "We want to give the community a part of our past, our present and, perhaps, even a hint of the future in this nostalgic season."

The 42-year-old University Theatre, which has presented productions in Scott hall since its beginning, is scheduled to move to a new theater building on the University's West Bank in the fall of 1973.

The final Scott hall season will open Friday, Nov. 3 with George S. Kaufman and Moss Hart's classic comedy "You Can't Take It With You." It will be presented through Nov. 12 under the direction of Lee Adey, associate professor of theater.

The first Twin Cities production of the musical "Lock Up Your Daughters," by Bernard Miles, Laurie Johnson and Lionel Bart, will be presented Nov. 25 through Dec. 3 in conjunction with the University's music department. It will be directed by H. Wesley Balk, director of the Center Opera Company, and Robert Moulton, internationally known choreographer. Both are members of the University Theatre faculty.

"The Inheritance," a new play by Ernest Joselovitz, former University student now living in San Francisco, will be presented Feb. 9 to 18, directed by Graham.

Strindberg's "The Dream Play" will be presented March 2 to 11 under the direction of Frank M Whiting, director of the University's Showboat and former director of the University Theatre. This will be the first production of a new adaptation of the play.

The season will end with Shakespeare's "Othello," April 27 to May 6, directed by Louis Dezseran, assistant professor of theater.

Season tickets are now on sale at the Scott hall ticket office and at Dayton's. Phone 373-2337 for reservations.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 27, 1972

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

STANFORD PROFESSOR  
TO SPEND YEAR AT 'U'

(FOR IMMEDIATE RELEASE)

One of the world's leading molecular geneticists will be spending the next year studying at the University of Minnesota under a special National Institutes of Health Fellowship.

Dr. A. Dale Kaiser, professor of biochemistry at Stanford University, will be studying the developmental processes in myxobacteria -- a bacterium that has a peculiar habit of coming together in a complex structure.

He will be working with the developmental biology group of Dr. Martin Dworkin in the University's microbiology department.

Specifically, Dr. Kaiser will be examining genetic aspects of cell to cell communication to obtain some insights into the nature of cellular interactions.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 HERRILL HALL  
MINNEAPOLIS, MINNESOTA  
SEPTEMBER 27, 1972

NEWSPERSON: For further information  
contact LIZ PETRANGELO, 373-7513

'U' PROGRAM FOR RETIREES  
TO BEGIN IN OCTOBER

(FOR IMMEDIATE RELEASE)

The University of Minnesota's new Lifelong Learning Program for retired persons will begin a month later than was previously planned, it was announced today.

Dale Huffington, director of the program, said the classes originally scheduled to begin the last week of September have been postponed until the last week in October to give retired persons an expanded opportunity to look into the program and examine the course offerings.

Fall quarter courses will be offered in the areas of film-making, music appreciation, theater in the Twin Cities, man and his religion, writing for publication and public communication.

All courses will be held at MacPhail Center in downtown Minneapolis during the day when senior citizens may take advantage of free city bus service.

The courses will be from eight to 12 weeks in length and the fee for each is \$5 per quarter. For further information, contact the Arts Advisory Office, 320 Westbrook Hall, University of Minnesota, Minneapolis, Minn. 55455.

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UNIVERSITY OF MINNESOTA  
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SEPTEMBER 27, 1972

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NEWSMEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

'U' WORKSHOP TO DISCUSS  
EQUAL RIGHTS AMENDMENT

(FOR IMMEDIATE RELEASE)

A workshop called "The Equal Rights Amendment, Why We Need It and How to Pass It" will be held Saturday, Oct. 7, in the Student Center on the University of Minnesota's St. Paul campus.

The Commission on the Status of Women Students, a campus organization, is host for the workshop. Registration, which costs \$1.50 for those who can afford it, begins at 9 a.m.

The purpose of the workshop is to present state women (and men) with the facts about the proposed federal amendment to the Constitution and the need for its ratification at the upcoming Legislative session, according to the commission.

The amendment has been passed by Congress and must be ratified by at least two-thirds of the states to make it a Constitutional amendment.

The first workshop session will be a speech called "Why the Equal Rights Amendment is Necessary" by Viola Kanatz, a local attorney and former deputy director of the State Department of Human Rights.

At 10 a.m., a symposium of women lawyers and feminists will discuss the proposed amendment's affect on education, employment, the selective service system, family law and social legislation.

During the lunch break, which starts at 12:30 p.m., the commission will present a multi-media slide presentation called "Where Am I Now When I Need Me?"

The afternoon session, which ends at 3 p.m., will focus on ways to get the amendment ratified in Minnesota. House minority leader Martin Sabo (DFL-Mpls.) and Representative Arne Carlson (Conservative-Mpls.) will discuss how to insure ratification.

The commission urges both men and women from across the state to attend; parking will be available on the St. Paul campus.

Prior registration is not necessary but further information may be obtained by calling 373-3850.

UNIVERSITY OF MINNESOTA  
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MINNEAPOLIS, MINNESOTA 55455  
SEPTEMBER 28, 1972

NEWSMEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

STUDENTS AGAIN OFFER  
ANTI-WAR CLASS AT 'U'

(FOR IMMEDIATE RELEASE)

An anti-war class, designed for people who want more information about the Indochina conflict, will begin Tuesday, (Oct. 3) and Wednesday, (Oct. 4) at the University of Minnesota.

Sue Van Dyke, a student and a coordinator of the class, said the classes are designed to provide basic information about Vietnam.

"We're hoping to get people who maybe haven't been involved before and show them where they can become involved," she said.

Joel Hodroff, who coordinated a similar class held this summer, said the anti-war movement is much stronger this fall because of the summer class.

Although the class is not sponsored by the University, participants may arrange for independent study credit for their course work.

The 10-week class, sponsored by the Student Mobilization Committee, will be offered twice each week. Each Tuesday for 10 weeks the class will meet in room 320 of Coffman Union from 1:15 to 3:20 p.m. Each Wednesday the class will meet in Anderson hall room 370 from 7:30 to 10:00 p.m.

The classes are open to the public and a fee of 50 cents per class will be charged those who can afford it.

Classes will cover the effect of the war on Vietnam's ecology, the increasing automation of warfare, and the culture and history of Vietnam. There also will be sessions on the war and racism and women and the war.

At the first class two films will be shown, one produced by the Department of Defense and the other by the Ellsberg Defense committee, which deals with the Pentagon Papers and the Ellsberg case.

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SEPTEMBER 28, 1972

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NEWSMEN: For further information  
contact JUDY VICK, 373-7515

**NORDFELDT RETROSPECTIVE  
TO OPEN IN 'U' GALLERY**

**(FOR IMMEDIATE RELEASE)**

A retrospective exhibition of the work of the late B.J.O. Nordfeldt will open Wednesday (Oct. 4) in the University Gallery at the University of Minnesota.

The 45 oil paintings and 11 graphic works, covering a period from 1901 to 1954, will be on exhibit in the third floor galleries of Northrop auditorium through Nov. 5. The gallery is open to the public with no admission charge from 11 a.m. to 4 p.m. Monday through Friday and from 2 to 5 p.m. Sunday.

Nordfeldt (1878-1955) was a Scandinavian by birth and an American by adoption. He lived in different places throughout the United States, including Minnesota, although most of his time was spent in New Mexico, and later in his career, in Lambertville, N.J.

Several of his works are included in the permanent collection of the University Gallery. His work is also represented in the collections of Arizona State University, the Corcoran Gallery of Art, the University of Illinois, the Marion Koogler McNay Art Institute, the Metropolitan Museum of Art, the Minneapolis Institute of Art, the Museum of New Mexico; the University of Oklahoma and Zabriskie Gallery.

The current exhibition originated at the University of New Mexico and was organized by Van Deren Coke, author of the biography "B.J.O. Nordfeldt," which was published this year by the University of New Mexico Press and will be available for purchase at the exhibition.

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UNIVERSITY OF MINNESOTA  
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SEPTEMBER 28, 1972

NEWSMEN: For further information  
contact VALERIE CUNNINGHAM 373-7516

'U' WOMEN'S CENTER  
SEEKS ACTING DIRECTOR

(FOR IMMEDIATE RELEASE)

The acting director of the Minnesota Women's Center at the University of Minnesota has resigned and a replacement is being sought for the remainder of the year.

Mrs. Vivian Nelsen, named acting director in July, said the increased work load in her fellowship program and family illness required her resignation.

She holds a fellowship through the Training of Teachers Trainers program and recently learned that increased requirements in the program would interfere with her work at the center. Her resignation is effective Sept. 15.

According to Anne Truax, the center's director who is on sabbatical leave, another acting director will be named soon to fill out the year.

Ms. Truax is taking a year off from the center to complete her doctorate in anthropology.

The center is designed to serve women returning to the University to further their education. It can provide testing and counseling to help women define or plan their career objectives and their educational goals.

The center also maintains a library of research materials on women's issues.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
TELEPHONE: 373-5193  
SEPTEMBER 28, 1972

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
October 1-7

- Sun., Oct. 1---St. Paul Student Center Galleries: Mixed media by Rose Edin, through Oct. 27. St. Paul Student Center. Hours: Mon.-Sat. 8 a.m.-10 p.m., Sun. 12 noon-10 p.m. Free.
- Sun., Oct. 1---Jacques Gallery: "The Art of Francis Lee Jacques," through Nov. 27. Bell Museum of Natural History. Hours: Mon.-Sat. 9 a.m.-5 p.m., Wed. 9 a.m.-9 p.m., Sun. 2-5 p.m. Free.
- Sun., Oct. 1---Pete Seeger, folk singer. Northrop aud. 8 p.m. Admission \$4. Tickets available in 106 Northrop.
- Mon., Oct. 2---Wilson Gallery: "The Book and Its Cover: An Exhibit of Fine Bindings," through Nov. 472 Wilson Library. Hours: Mon.-Fri. 8 a.m.-5 p.m. Free.
- Tues., Oct. 3---Films: "Superman in Exile" and "Ozzie and Harriet." North Star ballroom, St. Paul Student Center. 12:15 p.m. Free.
- Wed., Oct. 4---Grand Opening: Activities Fair. St. Paul Student Center. 11:30 a.m.-4 p.m. Free.
- Wed., Oct. 4---Grand Opening: Singers, Cyril Paul, 12 noon and Smith Brothers, 2 p.m. St. Paul Student Center. Free.
- Wed., Oct. 4---Grand Opening: Movie, "Horsefeathers" with the Marx Brothers. St. Paul Student Center. 5 and 6:30 p.m. Free.
- Wed., Oct. 4---Grand Opening: Monroe Doctrine Bluegrass Band. St. Paul Student Center. 8 p.m. Admission \$1.
- Thur., Oct. 5---University Gallery: B.J.O. Nordfeldt Retrospective, through Nov. 5. Northrop aud. Hours: Mon.-Fri. 11 a.m.-4 p.m., Sun. 2-5 p.m. Free.
- Thur., Oct. 5---Electrical Engineering Colloquia: "Optimal Design of Disc and Tape Drivers for Digital Computers," talk by S.J. Kahne of electrical engineering dept. 4:15 p.m. 102 and 108 Mechanical Engineering bldg. Free.
- Thur., Oct. 5---The Whole Coffeehouse: Open stage. Coffman Union.. 8:30 p.m. Free.
- Fri., Oct. 6---The Whole Coffeehouse: Bonnie Raitt, also Sat., Oct. 7. Coffman Union. 8:30 p.m. Admission \$2.
- Fri., Oct. 6---U Film Society: "Weekend" by Jean-Luc Godard (French) at 7:30 p.m. and "Deep End," by Jerzy Skolimowski (English) at 9:30 p.m. Bell Museum of Natural History. Admission. Also Saturday, Oct. 7.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 2, 1972

NEWSMEN: For further information  
contact GLORIA ANTHONY, 373-7517

GODARD TO SPEAK AT U OF M  
SCREENING OF NEW FILM

(FOR IMMEDIATE RELEASE)

French director Jean-Luc Godard will speak at three screenings of his new work, "Just Great (Tout Va Bien)," on Friday, Oct. 13 at the University of Minnesota.

Often called the most influential filmmaker in the world today, Godard will come to Minneapolis from the Oct. 10 American debut of "Just Great" at the New York Film Festival.

"Just Great" is a feature entertainment film starring Jane Fonda and Yves Montand as journalists covering a French strike, and touches on problems of change in the political, social and personal climate of the 70's.

Screenings will be at 3:15, 7:15 and 9:30 p.m. at the Bell Museum of Natural History. Admission is \$1.75. Advance tickets are available at the Coffman Union ticket office.

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UNIVERSITY OF MINNESOTA  
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MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 2, 1972

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

U OF M TO OFFER CLASS  
FOR 'RUSTY' WOMEN

(FOR IMMEDIATE RELEASE)

Women who have long been out of school and the labor force will have a chance to examine the opportunities available to them in a seminar to be offered by the University of Minnesota's Women's Programs.

"Guidelines," a five-session seminar scheduled to begin Friday, Oct. 13, will attempt to deal with the problems of "rusty" women who feel intellectually limited, bored with their present situations and wish to return to school.

Dr. Vera M. Schletzer, director of Counseling for Continuing Education and Extension, will lead sessions on the changing American scene, family roles and responsibilities involved in returning to school, career requirements and directions for the future.

The fee for the course which will meet at MacPhail Center in downtown Minneapolis is \$30, and will include aptitude and interest testing and group counseling.

Registration for "Guidelines" may be made through Women's Programs, 200 Westbrook Hall, University of Minnesota, Minneapolis, Minn. 55455.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE S-68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 2, 1972

NEWSMEN: For further information  
contact GLORIA ANTHONY, 373-7517

OCEANS WILL BE TOPICS  
OF U OF M CONFERENCE

(FOR IMMEDIATE RELEASE)

The use and abuse of two-thirds of the world's surface will be the subject of an Oct. 19 conference sponsored by the World Affairs Center at the University of Minnesota.

"Uses and Abuses of the Seas" sessions will be held at the Holiday Inn Central, Minneapolis, and will deal with the oceans as national policy issues, and as they apply to world health and wealth, international uses of the seas, United Nations concerns with them, organization of use and patrol of abuse.

One session will deal with Lake Superior, "Our neglected sea."

Speakers will include Congressman Donald Fraser; Dr. L.H.N. Cooper, British oceanographer; Dr. Dean Abrahamson, director of the Center for Studies of the Physical Environment at the University; Ms. Gwenda Matthews, Ocean Economics and Technology Branch, United Nations, and other authorities in the field.

Fee for the conference is \$17 which includes lunch. Deadline for registration is Friday, Oct. 13. Further information can be obtained by writing or calling the department of Conferences and Institutes, 131 Nolte Center for Continuing Education, University of Minnesota, Minneapolis, Minn. 55455; 373-5363.

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(A1-5, A7, A18, B1, B8, B9, C1, C4, E26)

(FOR RELEASE ANYTIME AFTER  
3 P.M. OCT. 4, 1972.)

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Feature story from the  
University of Minnesota  
News Service S-68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
October 3, 1972

THOUSANDS OF DISADVANTAGED  
CHILDREN EXCEED NATIONAL  
NORMS AFTER SPECIAL TRAINING

by Bill Hafling  
University News Service Science Writer

The expected gain in reading skill for economically disadvantaged children is less than one grade level per year. As a child falls behind, the blame for his failure is often aimed at the child or his "background."

Working with several thousand children in several communities, Wesley C. Becker of the University of Oregon reported gains in reading from pre-kindergarten to post-third grade of nearly five grade levels. He also reported gains in arithmetic skills.

"These findings with disadvantaged children support the idea that better applications of what we know about the learning process could do much to alleviate many school problems now attributed to the children and their background rather than the system of instruction," Becker said.

Becker's report was given Wednesday, (Oct. 4), at the first International Symposium on Behavior Modification being held in Minneapolis Oct. 4 through 6. The symposium, sponsored jointly by the University of Minnesota and the University of Uppsala, Sweden, is a meeting of nearly 1000 behavioral sciences professionals from many parts of the world.

(MORE)

Reasoning that "only if disadvantaged children were taught more could they learn more," Becker and his colleague, Siegfried Engelmann designed a program which made teaching more efficient.

#### Parents Helped--

"If one is to get to every child and fully utilize the school day for instruction at a faster than average rate, more than one teacher is required for 25 to 30 children," Becker said.

"Because of cost considerations, teacher aides are used rather than more teachers. For the most part the aides are parents of the poor children."

Becker said that in providing the legislation that led to such programs, Congress specified that there be maximum involvement of the communities to be served. Bringing parents in to help was in line with this idea.

Secondly, Becker said "it was our belief that parents who learned good teaching skills would be in a better position to facilitate their children's learning, particularly the learning of their pre-school children."

#### Careful Organization--

Simply getting more help in teaching was not enough however. As Becker pointed out, "Manpower by itself does not insure that more teaching goes on in the classroom. The organization of the school day, a good program, and training are needed to effectively use the added manpower."

Classrooms were set up so that three "teachers" worked in booths with small groups of children. (The booths were for sound control.) ... After some time in small group instruction---15 to 30 minutes---the children worked on their own, practicing in specially designed workbooks for another 30 minutes or so.

(MORE)

Becker said the teaching plan, which he called "The University of Oregon Follow-Through Model" is based on six basic components:

1. Increased teaching help in the classroom.
2. A structured daily program so that teachers have a clear plan of action.
3. Daily programmed lessons to insure that teachers know what is to be taught in that sequence.
4. Use of a teaching method that uses basic behavioral principles to insure efficiency in teaching.
5. Continuing training in the use of the programs.
6. Careful monitoring of the progress of the children and the skills of the teachers and aides to be sure the system is working.

Teachers are taught how to pace each task quickly enough to hold attention, yet to go slowly enough, when required, to give the children "time to think." Teachers also use "reinforcers" such as praise and confirmation for correct responses to strengthen the children's responses and to correct mistakes as soon as possible. Occasionally, tokens or edible rewards are used "to get the process going."

As Becker pointed out "the teacher needs to learn never to pass over a mistake, and to repeat the entire task after a correction is made so that she is sure her correction has been effective."

This year (1972), Becker and Engelmann are continuing the program in 20 communities with close to 10,000 children in the program.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE S-68 MERRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 3, 1972

NEWSMEN: For further information  
contact JUDY VICK, 373-7515

POTRATZ SCULPTURE ON EXHIBIT

(FOR IMMEDIATE RELEASE)

Assembled cast bronze, cast iron and cast aluminum sculpture by Wayne Potratz is on exhibit through Friday (Oct. 6) at the University of Minnesota Experimental College, 1507 University Ave. SE.

The exhibit includes 19 works done between 1967 and 1972. Potratz is an instructor in the University's studio arts department.

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(A1-5, A25; B1)

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UNIVERSITY OF MINNESOTA NEWS EVENTS

UNIVERSITY OF MINNESOTA  
NEWS SERVICE S-68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 3, 1972

NEWSMEN: For further information  
contact Bill Hafling, 373-7514

HAWK MIGRATION  
TO BE EXPLAINED  
THIS WEDNESDAY

(FOR IMMEDIATE RELEASE)

Pershing Hofslund, ornithologist, from the University of Minnesota, Duluth campus, will explain the annual hawk migration Wednesday (Oct. 4) at 8 p.m.

Hofslund's talk, free to the public, will be given at the Bell Museum of Natural History on the Minneapolis campus.

"About this time every year, thousands of hawks head west to Duluth, then south along the shore of Lake Superior on their way to Mexico and beyond," said Richard Barthelemy, public education coordinator at the Museum. "Professor Dwain Warner, the Museum's curator of birds, has reported observing thousands of hawks per hour flying over Mexico."

-UNS-

(A1, 2, 3, 4, 5, 7, B1, B9)

(FOR RELEASE AT NOON, OCT. 5)

Feature story from the  
University of Minnesota  
News Service S-68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
October 4, 1972

COMMUNITY MUST BE MORE INVOLVED  
IN TREATMENT OF  
EMOTIONALLY DISTURBED CHILDREN

by Elizabeth Petrangelo  
University News Service Writer

The solutions to the behavioral problems of emotionally disturbed children lie with the members of the community, said Lawrence E. Dettweiler today (Oct. 5) in a speech delivered to the first International Symposium on Behavior Modification being held in Minneapolis.

Working with 30 severely emotionally disturbed children in the Pacific Centre for Human Development, Victoria, B.C., Dettweiler, of the University of Victoria, described the token economy program used by the center to facilitate the children's return to public school and family life.

The children who reside in the center are referred by various agencies as a last resource before being sent to juvenile detention centers. Typically, they are six or seven years old, and show a high rate of abnormal and sometimes dangerous behavior. All have been diagnosed as aggressive, hyperactive or slightly brain-damaged.

Most of the children have been receiving some sort of drug daily upon entering the center and have been through a series of foster homes, group homes or other child-care facilities.

When Dettweiler began the program in cooperation with Margaret Acker, Barnaby Guthrie and Charles Gregory, the center was in chaos. The morning began for the five teachers when they "coerced and begged the children out of bed and into their morning routine. Clothes were unkempt, dental hygiene nonexistent, ten children were suffering from infection of the gums,

(MORE)

bed-wetting was rampant, the children ate what they pleased and as many as 14 fights might break out between 7:30 and 9 when school began.

"Needless to say, very little teaching was done and the teachers lived in constant fear of runaways, violence to the room, property and other children," said Dettweiler. Windows were broken, tires were slashed and assaults upon other children and staff were common.

"These overt actions of violence were sometimes met by aversive responses (from the teachers) such as hitting, isolation or threats of violence. At the same time, this behavior was reinforced by trips out to 'cool off' and bribes of better treatment for future benefits."

Deviant behavior was actually being reinforced in the children since the more aggressive a child became, the more attention he received from his teacher. The most poorly behaved child at the center was receiving more than half of the total attention his teacher was able to give the entire class.

#### Children Earn Necessities

Baseline data was collected on each child showing the incidence of positive and negative academic activity and social interaction with peers and teachers. Then every staff member was given a point sheet to record positive and negative points earned by each child.

Positive points were awarded for appropriate behavior and negative points for deviant behavior. When a child earned too many negative points, he missed his next meal.

Eventually, the negative points were removed from the system and only positive reinforcement was given. With the points earned, a child could purchase small reinforcers from the school store and larger necessities.

Within a few weeks, "it became obvious that control of destructive and a deviant aggressive acts was no longer a primary problem," said Dettweiler.

"Consumption of food increased, hygiene improved, breakfast became a pleasant experience and the staff required to administer the program in the morning was decreased from eight to three."

#### Parents Help

Another integral part of the program was the reshaping of parents' behavior toward children. "From a behaviorist point of view it is unwise to alter a child's behavior and return him to the environment which produced the poor behavior," said Dettweiler.

Six families agreed to participate in the center's parental training program and were taught the use of the token economy system to make their child's transition to home life easier.

#### Community Must Care

According to Dettweiler, although the residential program with each child and his parents has been very successful, there is a basic flaw in the system.

Each of the children in the center has spent a great deal of time away from his natural societal environment. Eventually, the child will have to return to the community where he is best remembered for his anti-social behavior and is branded as being "different."

"It is highly likely that if a child is expected to return to his old patterns of behaving and if members of the community are not ready to reinforce behavior incompatible with his aggressive and inappropriate behavior, he will fulfill their expectations," he said.

Children are sent to treatment centers because they have been labeled "unmanageable" by certain members of society. This procedure has an immediately reinforcing effect on these members of society since, once the child is removed, they no longer have to deal with him.

(MORE)

Dettweiler's residential treatment model places the burden for the disturbance and the cure squarely on the child's environment---teachers, parents, social and law-enforcement agencies---and not on the child.

"Assuming that it is important and better for the child to remain in society and to learn to deal with society, it must be made more reinforcing for members of the community to restructure the normal environment of the child."

And, says Dettweiler, "There is no reinforcer more potent nor punishment more effective than the behavior of one's own child. Since deviant children are often sent to treatment centers as a result of their effect on the behavior of other children, members of the community must see all children in their community as their responsibility."

The Symposium on Behavior Modification was organized jointly by the Universities of Minnesota and Uppsala, Sweden.

-UNS-

(A1, 2, 3, 4, 5, 7, 8, 10, 16, 27; B1, 9, 10; C1, 20; E4, 5, 6, 12, 27; D10, E3,

(FOR RELEASE AFTER  
4 P.M. OCT. 5)

Feature story from the  
University of Minnesota  
News Service S-68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
October 4, 1972

### 'SMART ALECK' TEEN-AGE GIRLS DELIGHT PSYCHOLOGIST

by Bill Hafling  
University of Minnesota Science Writer

Hiding dirty dishes in the kitchen so they won't have to be washed and hiding clothes that they don't like so they can wear items they like better are just a few "tricks" which six Canadian girls have been caught doing.

A psychologist who knows the girls is delighted that they have been trying such things. Reporting to the first International Symposium on Behavior Modification currently being held in Minneapolis (Oct. 4-6), Garry L. Martin, associate professor of psychology at the University of Manitoba (Canada), said that these were "normal" behaviors.

The reason for Martin's delight, in this case, is that the girls are severely to profoundly retarded.

Though the girls range in actual age from 10 to 15 years old, their mental age ranges from 3 years and 4 months to 5 years.

"Graduates" of the Manitoba School for Retardates, the girls are currently living in an older, two-story house "located on an ordinary street of an ordinary city" (Portage la Prairie). Staff members from the Manitoba School continue to work with the girls and one member works as a "house-mother," staying with them at night.

#### How the Girls Got 'Out'

Many people expect the retarded to remain forever institutionalized. Today, retarded people such as these girls are beginning to prove they can live out in a normal community.

Martin reminded the conference participants that, for decades prior to the "chemical revolution" (use of tranquilizers) in the 1950's and 60's, the control of patients' behavior "consisted primarily of the application of canvas strait-

(MORE)

jackets for prolonged periods of time."

Describing the use of drugs to control patients' antisocial behavior, Martin said "the atmosphere in these institutions is difficult for us to imagine in these more enlightened days, consisting as it did of a fine blend of urine, paraldehyde, feces, body odor, and halitosis."

#### Changes---Without Drugs

"Several workers, using the principles of behavior modification, have brought about changes in the behavior of the severely and profoundly retarded that experts in the field would have said were impossible just a few short years ago," Martin said.

He said it was a pleasure to report that "paraldehyde has been banned, body odor has been 'Banned,' halitosis has been Scoped," and "urine and feces find their way more frequently into institutional white porcelain toilets to a chorus of 'good boy' and a diet of M & M's (candy)."

Martin said the six girls chosen to live in the community home, purchased for them by the Kinsmen Club of Portage la Prairie, had come from a group of 30 girls originally selected for treatment "on the basis that they exhibited the worst type of behavior problems."

After the staff was trained in the principles of behavior modification---which consists primarily of selectively rewarding appropriate behavior---all 30 girls were taken off all medication with the exception of those needing anti-convulsant drugs. Daily routines such as dressing, grooming, mealtime, playtime, and bathing were then carefully structured to allow for "reinforcement and independent behaviors of residents to as great a degree as possible."

Tokens were earned by the girls for improvements in their behavior which they could then cash in at a "store" in the institution to obtain edibles and trinkets. The six girls chosen for outside living, called the "Kin Kare Project," also learned to use tokens on a "check system" consisting of 3 x 5 cards which they carried in their purses at all times.

(MORE)

Eventually the girls learned to go to stores and restaurants in downtown Portage la Prairie, receiving "on numerous occasions, comments from storekeepers that our kids were much better behaved than a lot of normal kids that would run wild on some of the parents who had poor behavioral control over their children," Martin said.

In addition to hiding things, the girls in the Kin Kare home have also been playing "twister" and other games during unsupervised periods, greeting their "boyfriends" when they return to the institution for their evening meal, and initiating handshaking and introductions to visitors to their home at Kin Kare.

At present, the girls dress and groom themselves, clean up the kitchen after breakfast, make beds and dust the house. Each day they attend classes in the home where a variety of verbal skills are taught.

After supper, back at the institution in Manitoba, they help the staff groom some of the less advanced residents. They return to their home around 7 p.m. each night and have time for watching TV and playing games.

On weekends they may go downtown and visit stores or play in the town park, sometimes supervised and sometimes not, sometimes with neighborhood children and sometimes by themselves.

At present, Martin said plans are under way to give the girls more individual freedom and less immediate supervision.

The Symposium on Behavior Modification was organized by the Universities of Minnesota and Uppsala (Sweden). The principles of behavior modification, as described in the symposium, are directly traceable to the basic research findings of B.F. Skinner at the University of Minnesota in the late 1930's. Skinner is the author of the controversial recent book "Beyond Freedom and Dignity."

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NEWSMEN: For further information  
contact JUDY VICK, 373-7515

HEALTH SCIENCES RESPONSIBLE  
FOR CHANGE IN 'U' FEDERAL AID

(FOR IMMEDIATE RELEASE)

Federal funding of the health sciences at the University of Minnesota is responsible for the University's change from 11th to second place among colleges and universities receiving federal government support in 1971, Stanley J. Wenberg, University vice president for state and federal relations, said today (Friday).

The University was granted \$72,534,000 by the federal government in 1971, it was announced last week by the National Science Foundation. This was the second largest amount granted to any college or university in the country.

The Massachusetts Institute of Technology ranked first with federal grants of \$89,574,000. The foundation reported that \$2,405,497,000 in federal funds were given to 100 colleges and universities in 1971.

"It is important for people to understand that the change in the University's rank is due to a single grant, the construction grant of \$22,300,000 for the health sciences expansion now under construction," Wenberg said.

"That grant is, of course, of major importance to the University and the state, but it is a one-time grant and if one considers only the obligations for all the other purposes, the University's ranking would be about the same as the previous year." A total of \$50,200,000 would have ranked the University 11th for 1971, compared to a rank of 11th in 1970 when the amount was \$46,500,000.

"For 1972 we expect to return to approximately the same ranking as we had before 1971," Wenberg said.

Last month it was announced that the University was searching for an assistant vice president who would work parttime as a lobbyist in Washington.

-UNS-

(A2,3,4,5; B1; C1,4,22; H list)

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UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
October 8-14

- Sun., Oct. 8---St. Paul Student Center Galleries: Mixed media by Rose Edin, through Oct. 27; acrylics and oils by Dorothea Smith, through Oct. 31. St. Paul Student Center. Hours: Mon.-Sat. 8 a.m.-10 p.m., Sun. 12 noon-10 p.m. Free.
- Sun., Oct. 8---Jaques Gallery: "The Art of Francis Lee Jaques," through Nov. 27. Bell Museum of Natural History. Hours: Mon.-Sat. 9 a.m.-5 p.m., Wed. 9 a.m.-9 p.m., Sun. 2-5 p.m. Free.
- Sun., Oct. 8---University Gallery: B.J.O. Nordfeldt Retrospective, through Nov. 5. Northrop aud. Hours: Mon.-Fri. 11 a.m.-4 p.m., Sun. 2-5 p.m. Free.
- Sun., Oct. 8---Faculty recital, music of Ralph Vaughn-Williams. Scott hall aud. 3 p.m. Free.
- Mon., Oct. 9---Wilson Gallery: "The Book and Its Cover: An Exhibit of Fine Bindings," through Nov. 472 Wilson Library. Hours: Mon.-Fri. 8 a.m.-5 p.m. Free.
- Mon., Oct. 9---Richard Newhouse speaks on "Ecology as Seduction of Radicalism." Coffman Union junior ballroom. 12:15 p.m. Free.
- Thur., Oct. 12---The Whole Coffeehouse: "Country Gazette," also Fri., Sat., Oct. 13, 14. Coffman Union. 8:30 p.m. Admission \$1 Thur. and \$1.50 Fri. & Sat.
- Fri., Oct. 13---U. Film Society: French director Jean-Luc Godard will speak at showings of his new work "Just Great (Tout Va Bien)." Bell Museum of Natural History. 3:15, 7:15, and 9:30 p.m. Admission \$1.75.

-UNS-

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NEWSMEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

PARENTS' GROUP TO DISCUSS  
DISRUPTIONS ON 'U' CAMPUS

(FOR IMMEDIATE RELEASE)

The University of Minnesota Parents Association will emphasize the disorders on campus in May during their discussion of campus dissent and disruption on Tuesday (Oct. 10).

President Malcolm Moos and Paul Cashman, vice president for student affairs, will lead the discussion and answer questions from parents.

Moos and Cashman will speak on the reasons for dissent and disruption, how they deal with it and who gets involved. They will also give a perspective on how the University events compare with what happens on other campuses and the history of student activism on this campus and elsewhere.

There is no charge for the 7:30 p.m. discussion, which is open to Parents Association members and non-members who are parents of University students. A dinner precedes the talks at 6:30 p.m. with a charge of \$3.50 per person. Parents may choose to attend either or both events in Luther Hall, 1813 University Ave. S.E., Mpls. Parking will be available in nearby lots.

-UNS-

(A1-5, A10; B1; C1)

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NEWSMEN: For further information  
contact JUDY VICK, 373-7515

ANCIENT-MANUSCRIPT SCHOLAR  
TO LECTURE AT UNIVERSITY

(FOR IMMEDIATE RELEASE)

Birger A. Pearson, one of the key men involved in studying and publishing the ancient manuscripts discovered at Nag Hammadi in Egypt, will speak at the University of Minnesota Monday (Oct. 9). His lecture, at 4 p.m. in Murphy hall auditorium, is open to the public with no admission charge.

"Gnosticism at Nag Hammadi: New Light on Ancient Religion" is the topic of the lecture which is sponsored by the University's new religious studies program in cooperation with Bethel College, Northwestern Lutheran, St. Paul and United Seminaries in St. Paul and the Lutheran Campus Ministry, the Newman Center and the University Lutheran Chapel in Mpls.

The ancient manuscripts discovered at Nag Hammadi are considered among the most significant for understanding early Christianity after the Dead Sea Scrolls. They include the entire new gospels of Thomas, Philip and Truth and the remains of the fourth-century library of a Christian Gnostic sect. They are written in an ancient Egyptian language, Coptic, and contain Jewish and pagan passages in addition to Christian texts, both orthodox and heretical.

Pearson is a professor of religious studies at the University of California in Santa Barbara.

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(A1-5, A19, 20; B1)

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NEWSMEN: For further information  
contact CAROL JOHNSEN, 373-7511

VENEREAL DISEASE TO BE  
SUBJECT OF KTCA-TV SERIES

(FOR IMMEDIATE RELEASE)

"V.D., Who Me?" is the title of a four-part series to be shown Wednesday evenings at 9 p.m. on KTCA-TV, channel 2, beginning Wednesday (Oct. 11).

The series of frank discussions, with parents and clergy participating, will be hosted by Dr. Elizabeth Jerome, department of pediatrics, University of Minnesota, and medical director, teen-age medical center.

The first program will discuss the widespread epidemic of venereal disease in the United States and especially Minnesota. This series is designed for parents in an attempt to acquaint them with some basic facts about the disease and some solutions to the problem.

The second program, on Oct. 18, will discuss how parents can begin to communicate information about V.D. to their children.

Program number three, to be aired on Oct. 25, explores what parents should do if they discover that their son or daughter has venereal disease, what advice should be given and what steps should be taken in obtaining a cure.

The final program, Nov. 1, examines the long-term effects on society of the V.D. epidemic if it is not curbed.

-UNS-

(A1, 2, 4, 5, 8, 9, 20; B5; C1, C16)

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OCTOBER 6, 1972

NEWSMEN: For further information  
contact BOB LEE, 373-5830 OR  
SAM WENSTROM (612) 251-2700

'U' GETS \$3.4 MILLION  
CONTRACT TO ASSIST HEALTH  
CARE IN CENTRAL MINNESOTA

(FOR IMMEDIATE RELEASE)

A \$3.4 million contract from the National Institutes of Health (NIH) will enable the University of Minnesota to assist central Minnesota health manpower resources in improving the quality and availability of health care in the area.

The five-year agreement between the University's Health Sciences Center and the NIH's Bureau of Health Manpower Education, announced today, provides for the establishment of an Area Health Education Center (AHEC) in St. Cloud, Minn.

The University will be assisting the St. Cloud Hospital and other central Minnesota health facilities in providing training in health sciences careers for area residents in area facilities.

The AHEC concept was first proposed two years ago by the Carnegie Commission on Higher Education to create a link between the manpower needs of the health care system and the institutions training that manpower.

AHEC's general purpose, according to the University proposal, is to improve the distribution, supply, quality, utilization, and efficiency of health personnel and bring health manpower resources, and consumer needs into balance.

According to the NIH, the contract was approved because of the demographic profile of the area, the scarcity or nonexistence of health service facilities in certain parts of the area, the poor distribution of services and health education opportunities, and the nucleus of health resources existing around St. Cloud.

(MORE)

The area has been characterized as being more rural, older, and poorer than other areas of the state.

Area resources are more diffuse because three-fourths of the population lives in locations where there are fewer than 2,500 people. Area residents tend to use medical resources more often because more of the population is over 65 as compared to the state average. And, because there is a larger than average number of low income families, there is less buying power to purchase needed health care.

The area has 25 short-term general hospitals with 1,404 beds. The number of licensed accredited beds per 100,000 population is considerably lower than the state average.

There are 61 physicians per 100,000 population in the area as compared to 99 physicians per 100,000 in the state. Dentists, nurses, pharmacists and allied health professionals are also in short supply compared to state-wide ratios.

The available health resources include the 523-bed St. Cloud Hospital, which already has an extensive commitment to health sciences education, the 1,378-bed St. Cloud Veteran's Administration Hospital, and the College of St. Benedict, St. John's University, and St. Cloud State College.

Additionally, health career courses are being taught at Brainerd Junior College, at vocational-technical schools in Brainerd and St. Cloud, at state hospitals in Brainerd and Cambridge, and in other area health and educational facilities.

Minnesota is one of 12 states chosen to implement the AHEC program in the country.

"Health education," commented Dr. Lyle French, University vice president for health sciences affairs, "must remain responsive to the changing health delivery system. We feel the model to be developed in this program is a major step in our efforts to develop educational programs closely tied to the health-care needs of Minnesotans."

SUPPLEMENTARY INFORMATION:

The St. Cloud Hospital, along with area health education and care providers and the Central Minnesota Health Planning Council, received an AHEC planning grant from Northlands Regional Medical Program this spring to create a community consortium to accomplish the purposes of the AHEC.

The 14 counties in the AHEC area run from Cass County in the north to the metropolitan area in the south; from Stearns County in the west to the St. Croix River in the east.

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NEWSMEN: For further information  
contact GLORIA ANTHONY, 373-7517

DR. SPINK TO WRITE  
HISTORY OF INFECTIOUS DISEASES

(FOR IMMEDIATE RELEASE)

Dr. Wesley Spink, Regents' Professor of Medicine and Comparative Medicine at the University of Minnesota, has been awarded a \$77,000 project grant by the Department of Health, Education and Welfare.

Dr Spink, who will retire June 30, 1973, plans to trace the evolution in the scientific control of infectious diseases.

Results of Spink's three-year project, which will begin July 1, 1973, will be published in a comprehensive monograph presenting historical highlights in the control of infectious diseases, details of outstanding advances and discussion of progress and problems of the future in this field.

The volume is planned in five parts: the 19th century; the first two decades of the 20th, including a review of medical knowledge and control of infectious diseases at the end of World War I; the period from 1920 to 1937 (during which Spink began his career as a student of infectious diseases); 1937 to 1970, a period encompassing World War II, and marked by more advances in the specific therapy of disease than at any time in medical history; and a forecast of future developments in the control of infectious diseases.

The volume will be published by the University of Minnesota Press.

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MITAU, MOOS SEND  
PROJECT LETTER TO MOSCOW

(FOR IMMEDIATE RELEASE)

University of Minnesota President Malcolm Moos and G. Theodore Mitau, chancellor of the Minnesota State College System, today released the text of a letter they sent jointly to the Soviet Academy of Sciences, protesting the dismissal of a number of Jewish faculty members from academic posts in the Soviet Union.

The letter was addressed to Academician M. V. Keldysh in Moscow.

Text of the letter is as follows:

We are writing to you as two representatives of the academic community about a matter of grave concern to us.

The matter of concern is the recent abrupt dismissal of a number of faculty members in the Soviet Union. They have been dismissed from their academic posts and all other positions. These dismissals appear to be based entirely on the expressed desire of these Jewish faculty members (or their families) to join their relatives in Israel. Not only have they lost their jobs, but through the requirement of an exorbitant payment to obtain an exit permit, they are effectively prevented from going to Israel.

Thus, while these men are denied the right to emigrate, perhaps because of their value to the Soviet Union, this value is reduced to zero by making it impossible for them to continue their professional work in any capacity. Two such cases, which are no doubt well known to you, are those of Professor A. Ya. Lerner and Academician Benjamin G. Levich.

At a time when efforts are being made to improve cooperation between our countries in science and other areas of knowledge, this recent development can only make it difficult even to continue existing relations.

As members of the academic community we urge you, together with your scientific colleagues, to use your high office to allow those who have been dismissed to emigrate as they wish.

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(A1-5; B1; C1; D12; E4; A7; E2; C22; H)

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NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

MEMO TO NEWSMEN

Hedley Donovan, editor-in-chief of Time magazine, will speak at the annual Pillsbury Fellowship dinner to be held at the Minikahda Club at 8 p.m. Friday (Oct. 13).

Donovan will speak on "The Press and the Election" at the dinner which is sponsored by the University of Minnesota Foundation. The Minikahda Club is located at the junction of Excelsior Blvd. and West Thirty-Second St., Mpls.

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(FOR USE IMMEDIATELY)

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OCTOBER 10, 1972

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NEWSMEN: For further information  
contact NANCY PIRSIG, 373-7510

MEMO TO NEWSMEN

An additional request for building funds to be sought by the University of Minnesota from the 1973 State Legislature will be presented to the Regents' physical plant committee Thursday (Oct. 12).

The committee, which meets at 11:15 a.m., will hear a request from Vice President James Brinkerhoff for funds for a music rehearsal hall and fine arts facility on the University's Duluth campus.

All Regents' committees will meet Thursday on the Twin Cities campus, prior to departure for Grand Rapids where the Board of Regents will hold its regular monthly meeting at 10:15 a.m. Friday (Oct. 13) at the University's Agricultural Experiment Station. The Regents meet approximately twice a year at campuses or facilities away from the Twin Cities.

The Thursday committee meeting schedule and agendas are as follows:

9 a.m. -- 626 Campus Club: Educational Policy and Long-Range Planning.

Independent study program in long-term care administration (action);  
College of Education constitution (action);  
TV policy statement (information);  
Minnesota Educational Computing Consortium (information).

9:45 a.m. -- 624 Campus Club: Budget, Audit and Legislative Relationships.

Gifts, contracts and grants, and applications for same (action);  
1973-75 legislative requests: final figures (information).

11:15 a.m. -- 624 Campus Club: Faculty, Staff, Student and Public Relationships.

Routine personnel items and noncampus service requests (action);  
Major appointments (information);  
Academic tenure (information).

(MORE)

11:15 a.m. -- 626 Campus Club: Physical Plant and Investments.

Transaction Report on Endowment Funds and Temporary Investments (action);  
Revision to 1973 Legislative Requests (Duluth facility) (action);  
Land, construction contract awards, and major projects progress report (information).

1:15 p.m. -- Dale Shephard Room, Campus Club: Health Sciences

St. Cloud Area Health Education Center (information).

At 2 p.m. a bus will depart from Coffman Union for Grand Rapids, carrying the Regents and a number of University central administration officers. Newly named Regent L. J. Lee of Bagley will be sworn in at the start of Friday's meeting.

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OCTOBER 13, 1972

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
October 15-21

- Sun., Oct. 15---St. Paul Student Center Galleries: Mixed media by Rose Edin, through Oct. 27; acrylics and oils by Dorothea Smith, through Oct. 31. St. Paul Student Center. Hours: Mon.-Sat. 8 a.m.-10 p.m., Sun. 12 noon-10 p.m. Free.
- Sun., Oct. 15---Jaques Gallery: "The Art of Francis Lee Jaques," through Nov. 27. Bell Museum of Natural History. Hours: Mon.-Sat. 9 a.m.-5 p.m., Wed. 9 a.m.-9 p.m., Sun. 2-5 p.m. Free.
- Sun., Oct 15---University Gallery: B.J.O. Nordfeldt Retrospective, through Nov. 5. Northrop aud. Hours: Mon.-Fri. 11 a.m.-4 p.m., Sun. 2-5 p.m. Free.
- Mon., Oct. 16---Wilson Gallery: "The Book and Its Cover: An Exhibit of Fine Bindings," through Nov.; 472 Wilson Library. Hours: Mon.-Fri. 8 a.m.-5 p.m. Free.
- Mon., Oct. 16---Homo Ludens: Discussion of the Olympics. Coffman Union junior ballroom. 12:15 p.m. Free.
- Mon., Oct. 16---Concert, Michael Hauser, flamenco and classical guitarist. North Star ballroom, St. Paul Student Center. 8 p.m. Admission \$1.
- Tues., Oct. 17---Films: "The Lone Ranger" and "Andy's Gang." North Star ballroom, St. Paul Student Center. 12 noon. Free.
- Tues., Oct. 17---Homo Ludens: Discussion of leisure and student life. Coffman Union junior ballroom. 12:15 p.m. Free.
- Wed., Oct. 18---Homo Ludens: Discussion of sports and higher education. Coffman Union junior ballroom. 10:45 a.m. Free.
- Wed., Oct. 18---Homo Ludens: Multi-media presentation. Coffman Union junior ballroom. 1:15 p.m. Free.
- Wed., Oct. 18---University Artists Course: New York Pro Musica presents "An Entertainment for Elizabeth," Renaissance poetry, song, music and dance. Northrop aud. 8 p.m. Admission charge. Tickets available in 105 Northrop.
- Thur., Oct. 19---Minnesota Jazz Ensemble. Coffman Union main lounge. 12 noon. Free.
- Thur., Oct. 19---Homo Ludens: Discussion regarding minorities. Coffman Union junior ballroom. 12:15 p.m. Free.
- Thur., Oct. 19---Electrical Engineering Colloquim: Integrated Optics and Magic of Thin-Film Optics by P.K. Lien, Bell Laboratories, New Jersey. 108 and 102 Mechanical Engineering. 4:15 p.m. Free.
- Thur., Oct. 19---The Whole Coffeehouse: Steve Goodman. Coffman Union. 8:30 p.m. Admission \$1.50.
- Fri., Oct. 20---The Whole Coffeehouse: John Koerner and Jim Miller, also Sat., Oct. 21. Coffman Union. 8:30 p.m. Admission \$1.50.

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OCTOBER 13, 1972

NEWSMEN: For further information  
contact JOHN KALBRENER, 373-7518

U OF M, EDUCATIONAL RADIO  
NETWORK REACH AGREEMENT

(FOR RELEASE AT 11 A.M. FRIDAY, OCT. 13)

A potentially far-reaching agreement affecting the future of educational and public FM radio in Minnesota was reached today (Friday) by the University of Minnesota Board of Regents and Minnesota Educational Radio (MER).

The agreement proposes the solution of a dispute over an open FM station, channel 219, sought by both institutions and, beyond that, expresses a new intent toward coordination and cooperation between them.

It was achieved through two resolutions, one passed today by the University's Board of Regents meeting in Grand Rapids, the other passed by the MER Board of Directors Wednesday night (Oct. 11).

MER is a private non-profit corporation which operates a network of public radio stations in Minnesota. It currently has three stations---KSJR in Collegeville, KSJN in St. Paul and KCCM in Moorhead---with a fourth planned near Pipestone. Two additional stations will complete the network, including one near Rushford in southeastern Minnesota.

The Rushford application is for channel 219, a channel also sought by the University for a Twin Cities FM station.

In the Regents' resolution, the University "proposes to withdraw its application for channel 219 in the Twin Cities following further discussions between MER and the University administration."

In its resolution, the MER board endorsed in principle the "two program network concept" and "activities of the University...directed toward the implementation" of that concept, which was part of the radio policy passed by the Board of Regents last June.

(MORE)

That concept calls for two distinct types of public-broadcast programming to be offered to Minnesotans: one the traditional public-affairs and public-service broadcasting, the other related specifically to the resources of educational institutions; including information on extension services, research, education, and community events that affect, or are affected by, the campus.

The agreement does not affect KUOM, the University's AM radio station and the oldest station in the state.

The two resolutions were the result of three weeks of discussions between MER and University officials, who foresaw the possibility of losing channel 219 pending new regulations of the Federal Communications Commission, if both institutions persisted in their efforts to obtain the channel.

William G. Shepherd, University vice president for academic administration who has carried on the discussions with MER, said the agreement "heralds a new era of cooperative effort to serve the public and educational broadcast needs of the people of Minnesota."

William H. Kling, president of MER, said, "We look forward to a continuing cooperative effort with the University in an attempt to seek out the needs of the region which can be best served by educational radio and to develop a coordinated plan to serve those needs."

While many details of this cooperation and coordination remain to be worked out, the general agreement is that MER continue its traditional public-broadcast programming, and the University will concentrate its FM programming more directly on educational offerings.

In carrying out its stated radio policy, the University hopes to obtain a full-power FM station in the Twin Cities and to expand the small, student-operated FM station at the University of Minnesota, Duluth.

The Regents' resolution indicated the desirability to involve other educational institutions and the Higher Education Coordinating Commission in future educational broadcasting discussions and efforts. -UNS-

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OCTOBER 16, 1972

NEWSMEN: For further information  
contact GLORIA ANTHONY, 373-7517

U OF M MUSEUM  
OFFERS BIRD KIT

(FOR IMMEDIATE RELEASE)

Every year at this time the University of Minnesota's Bell Museum of Natural History receives many calls and letters from throughout the state regarding identification of birds migrating south.

To help answer these inquiries, the museum has created a bird kit, containing three booklets, one on attracting birds and dealing with food and houses, the second containing a calendar of the migration time of each bird that lives in or passes through Minnesota and the third dealing specifically with the Oriole, which nests throughout Minnesota.

To obtain a kit, send your name, address and \$1 to: Oriole Kit, Museum of Natural History, University of Minnesota, Minneapolis 55455. The \$1 charge covers both postage and state sales tax.

-UNS-

(A1,2,3,4,5,10; B1; C1,4)

UNIVERSITY OF MINNESOTA  
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OCTOBER 16, 1972

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

'U' TO HONOR PROMINENT GRAD  
AT ALUMNI ASSOCIATION MEETING

(FOR IMMEDIATE RELEASE)

Dr. Jessie R. Bernard, researcher and author in family and community organization and the feminist movement, will receive the University of Minnesota's Outstanding Achievement Award at the Alumni Club's annual luncheon meeting Saturday, Oct. 28.

Dr. Bernard, a native of Minneapolis, has authored numerous papers and eight books including "The Future of Marriage", "The Sociology of Community", "The Sex Game" and "Academic Women."

The meeting will begin at 1 p.m. in the Town and Country Club, 2279 Marshall Ave., St. Paul.

A seminar on the status of University women will be held at 10 a.m. preceding the luncheon presentation.

Panel members for the seminar will include Caroline B. Rose, professor of sociology at the University and president of the Midwest Council on Social Research on Aging; Professor Mabel K. Powers, director of student personnel and current president of the Council for University Women's Progress (CUWP); Nancy Pirsig, assistant director of the department of University relations and chairman of the Civil Service Division of CUWP; and Betty Robinett, professor of linguistics and English and past chairman of the University's task force on the status of women.

For further information and registration, contact the Minnesota Alumnae Club, University of Minnesota, 2610 University Ave., St. Paul 55114.

#

SUPPLEMENTARY INFORMATION:

Dr. Bernard, a 1924 graduate of the University, will address the group after receiving the award.

Professor emeritus of sociology at Pennsylvania State University where she taught from 1947 until 1964, Dr. Bernard has also served as professor of sociology at Lindenwood College for Women in Missouri, and as statistical analyst for the Bureau of Labor Standards.

The Outstanding Achievement Award is the highest honor given to University graduates and is awarded as a statement of appreciation to former students who have attained eminence and distinction.

-UNS-

(A1,2,4,5,10,21,27; B1;C1; E4,29)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 17, 1972

MTR  
N47  
8A4p

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

BOOK WEEK PROGRAM WILL  
FEATURE CHILDREN'S AUTHOR

(FOR IMMEDIATE RELEASE)

Beverly Cleary, author of "Henry Huggins" and 19 other popular children's books, will speak at the University of Minnesota's annual book week program dinner at 6 p.m. Tuesday (Oct. 24) in Coffman Union.

Mrs. Cleary's books are written for young children and teenagers and have won 13 children's book awards.

Tuesday afternoon a wide selection of books for children and young people will be on display in the Museum of Natural History on the Minneapolis campus.

Jean Lyle, director of the Macalaster College nursery school, and Sister Ann Redmond, supervisor of curriculum for the Catholic Education Center, will cooperate in a review of new books for children from nursery school through grade six at 4:30 p.m. in the Museum of Natural History.

Jackie Cronin, librarian at Jordan junior high school, Mpls., and Gladys Sheehan, librarian at Central high school, Mpls., will review new books for junior and senior high school students at 4:30 p.m. in Murphy hall auditorium.

The book week program is sponsored by the University of Minnesota's College of Education. For further information and registration forms, contact Norine Odland, Burton Hall, University of Minnesota, Mpls., Minn. 55455.

-UNS-

(A1,2,3,4,5,10,12,21; E1; C1)

NEWSMEN: further information on coordinate campus enrollments is available at those campuses.

Duluth-Julian Hoshal (218) 726-7110  
Morris-Richard Welsh (612) 589-4322  
Crookston-Allen Croone (218) 281-6510  
Waseca-Edward Frederick (507) 835-1000  
Mayo Medical-Norman Nelson (507) 282-2387

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 17, 1972

NEWSMEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

MTR  
N47  
844p

U OF M ENROLLMENT  
DROPS BY 1,300

(FOR IMMEDIATE RELEASE)

The number of students enrolled at the University of Minnesota this fall is about 1300 fewer than last year.

A count of regular day-time students taken at the end of the second week of classes shows a total of 49,929 students, compared with 51,246 for the same period last year. The figures indicate only the number of students who had registered by Oct. 6, not how many actually paid fees or registered after that date.

All the decreases occurred on the Twin Cities campus, and the Mayo Graduate School of Medicine, with the College of Liberal Arts (CLA), the Graduate School, College of Education and Institute of Technology reporting the largest decreases.

The last time the University and the Twin Cities campus showed an enrollment decline was in 1959, when 30 fewer students registered for fall quarter at the University and 157 fewer were recorded on the Twin Cities campus.

Each of the four coordinate campuses report enrollment increases. The University's Technical College at Waseca, entering its second year of operation, has more than doubled its enrollment.

Figures for each of the campuses are as follows:

	<u>1972</u>	<u>1971</u>	<u>Change</u>
Twin Cities	41,840	43,678	down 1,838
Crookston	660	513	up 147
Duluth	5,488	5,347	up 141
Morris	1,763	1,709	up 54
Waseca	320	115	up 205
Mayo Graduate School of Medicine(Rochester)	478	501	down 23
<b>TOTAL ENROLLMENT</b>	<u>49,929</u>	<u>51,246</u>	<u>down 1,317</u>

(MORE)

Stanley Kegler, special assistant to President Malcolm Moos, said the enrollment drops in CLA and the College of Education are not surprising. There are 814 fewer students in CLA and 328 fewer in the College of Education.

The College of Education has been working on an enrollment limit for some time, Kegler said, and CLA has set a target enrollment ceiling of 17,000 students. The 16,687 students enrolled in CLA this fall is short of the target, but enrollment in CLA last year exceeded the target by 501 students.

The drop in the Institute of Technology enrollment, down 379 students, is attributable to "bad publicity in the news media about unemployed scientists and engineers," according to the institute's dean, Richard Swalin.

Swalin said a turnaround in the employment picture is coming and that there may well be a shortage of scientists and engineers within four years.

Other significant drops on the Twin Cities campus occurred in the General College, down 241 students, and the Graduate School, which shows 440 fewer students enrolled.

May Brodbeck, dean of the graduate school, said an enrollment decline was anticipated. She said departments limited number of graduate students because of drastic decreases in financial aid available to graduate students and the anticipation that graduate students will find it increasingly difficult to find jobs after completing their degrees.

Kegler said that the University based its legislative request on an estimated enrollment drop of about 1300 so that "there is no need to alter that request."

The enrollment declines in some units are partially offset by increases in areas such as the colleges of agriculture and forestry (up a combined 142 students), the health sciences (up 133) and biological sciences (up 104).

The total freshman class is 7,776 on all campuses, compared with 8,188 last year. Of the total freshman class, 5,333 are on the Twin Cities campus, 1,419 at Duluth, 533 at Morris, 326 at Crookston and 165 at Waseca.

ENROLLMENT

The total number of men attending the University is 30,703 and of women is 19,226.

Registration figures for the various colleges and divisions of the University at the end of the second week of classes, are as follows:

	<u>1972</u>	<u>1971</u>		<u>1972</u>	<u>1971</u>
General College	2,816	3,057	Public Health	237	223
University College	262	297	School of Dentistry	484	453
Liberal Arts	16,687	17,501	Dental Hygiene	128	125
Inst. of Technology	3,559	3,938	College of Pharmacy:	340	325
Ag., For., Home Ec.	3,055	2,943	College of Education	2,523	2,851
Law School	749	742	Business Admin.	1,166	1,131
Medical School*	842	789	Graduate School		
Medical Technology	132	140	Twin Cities	6,968	7,408
Mortuary Science	88	95	Duluth	142	116
Occupational Therapy	60	60	Rochester	478	501
Physical Therapy	83	97	Veterinary Medicine	260	255
School of Nursing	353	307	Biological Sciences	428	324

\*In addition to this figure there are 27 regularly enrolled medical students having a scheduled vacation quarter. A year ago there were 33 such students.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 18, 1972

NEWSMEN: For further information  
contact BILL HAFLING, 373-7514

GOT AN INJURED HAWK OR OWL?  
TELL YOUR GAME WARDEN TO  
HELP UNIVERSITY RESEARCH

(FOR IMMEDIATE RELEASE)

Local residents finding injured hawks, falcons, or owls should call their game wardens immediately. The warden will then get in touch with Mark Fuller at the University of Minnesota.

"The majority of these birds are beneficial to man," said Fuller, a graduate student at the University. "Hawks and owls eat a lot of gophers, rats, mice and insects, helping to keep these populations from getting out of hand."

Such birds are often seen in the northern part of Minnesota at this time of year, particularly as the snow begins to drive them out of the woods.

Fuller needs the birds for a variety of studies now being conducted at the University. One study, in cooperation with Pat Redig, a veterinary science student, involves healing injured birds.

"Pat learned surgical techniques for use on wild birds from another veterinarian in Idaho," Fuller said. "He puts a steel pin in a broken wing until it heals, then pulls the pin from the hollow bone, allowing the bird to fly again"

"We get a lot of birds who have had a bump on the head or a foot caught in a trap. Also many with various cuts, infections and inflammations. It is important that we get a bird as soon after it has been injured as possible."

(MORE)

Fuller's main project is a study of the reactions of the birds to radio transmitters. Small transmitters, not much bigger than a feather and about as light, are attached to the birds. As the bird flies, the transmitter allows researchers to keep track of where and when the bird spends his time.

"We need to know a lot more about such birds and their specific place in the ecology," Fuller said. "We also need to know how they are going to react to the devices we use to keep track of them.

"Though most animals adapt readily to radio transmitters, a hunting bird might have difficulty with one. Their flight pattern is very delicate--- a split second tip of the wing can make the difference between whether or not they catch their prey and continue to survive or if they go hungry. Thus the placement and correct packaging of even the smallest attachment we put on them is crucial."

Fuller is especially interested in birds larger than the Cooper's hawk and up to the size of the red tail hawk and great horned owl.

Other University projects with these birds are studies of the metabolism in the intestinal tract of great horned owls, owl anatomy and chromosomal structure (in which only a feather is needed). Even dead birds can be used by the University of Minnesota's Bell Museum collection.

All such birds are protected under federal and state laws.

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SUPPLEMENTARY INFORMATION :

Both the Readers' Digest and the National Wildlife magazine recently carried stories (October issues) about research at the University's Cedar Creek Natural History Area where Mark Fuller does much of his work.

-UNS-

*U Archives*

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 19, 1972

*MTR  
N47  
9/14/72*

NEWSMEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

PARENTS ASSOCIATION  
TO HEAR 'U' STUDENTS

(FOR IMMEDIATE RELEASE)

A panel of University of Minnesota students will discuss how they perceive the campus and how parents can help them in their academic careers on Tuesday (Oct. 24).

The discussion, sponsored by the Parents Association at the University, starts at 7:30 p.m. in the student center on the St. Paul campus. Association members and non-members who are parents of University students are invited to attend.

The panel will be preceded by a dinner at 6:30 p.m. in the adjacent dining center. There will be a \$3.50 charge per person for the dinner and the following discussion is free. Parents may choose to attend either or both of the events.

The student center can be reached by turning east off Cleveland Ave. onto Buford Ave. Parking is available two blocks south on Cleveland or one block further east on Buford.

Further information is available from the Parents Association, 331 Walter Library. University of Minnesota, Mpls., Minn. 55455

-UNS-

(A1-A5; B1; C1)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
TELEPHONE: 373-5193  
OCTOBER 19, 1972

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
October 22-28

- Sun., Oct. 22---St. Paul Student Center Galleries: Mixed media by Rose Edin, through Oct. 27; acrylics and oils by Dorothea Smith, through Oct. 31. St. Paul Student Center. Hours: Mon.-Sat. 8 a.m.-10 p.m., Sun. 12 noon-10 p.m. Free.
- Sun., Oct. 22---Jaques Gallery: "The Art of Francis Lee Jaques," through Nov. 27. Bell Museum of Natural History. Hours: Mon.-Sat. 9 a.m.-5 p.m., Wed. 9 a.m.-9 p.m., Sun. 2-5 p.m. Free.
- Sun., Oct. 22---University Gallery: B.J.O. Nordfeldt Retrospective, through Nov. 5. Northrop aud. Hours: Mon.-Fri. 11 a.m.-4 p.m., Sun. 2-5 p.m. Free.
- Sun., Oct. 22---Concert: Buffy Sainte-Marie, folk singer, guitarist, songwriter. Northrop aud. 8 p.m. Admission charge. Ticket office in 105 Northrop.
- Mon., Oct. 23---Wilson Gallery: "The Book and Its Cover: An Exhibit of Fine Bindings," through Nov. 472 Wilson Library. Hours: Mon.-Fri. 8 a.m.-5 p.m. Free.
- Mon., Oct. 23---"Great White Light," speaker on mysticism. Coffman Union main ballroom. 12:15 p.m. Free.
- Mon., Oct. 23---Craft Fair: Demonstrations and exhibits of various crafts, also Tues., Oct. 24. North Star ballroom, St. Paul Student Center. Mon. 2-9 p.m. and Tues. 11 a.m.-5 p.m. Free.
- Tues., Oct. 24---Special lecture: "American-Chinese Relations Past and Present" by John Paton Davies. Mayo aud. 2 p.m. Free.
- Tues., Oct. 24---University Artists Course: Beryozka Dance Company, Russian folk festival. Northrop aud. 8 p.m. Admission charge. Ticket office in 105 Northrop.
- Tues., Oct. 24---University Theatre: "Amedee" or "How to Get Rid of It" by Eugene Ionesco, through Sun., Oct. 29. Scott hall studio theatre. Tues.-Sat. 8 p.m. Sat. and Sun. 3:30 p.m. Tickets available at Scott hall ticket office and Dayton's.
- Wed., Oct. 25---Speaker, Val Woodward, "Ecocide in Vietnam." North Star ballroom, St. Paul Student Center. 3:15 p.m. Free.
- Thur., Oct. 26---Special lecture: "Cervantes and Galdos" by Professor Rodolpho Cardona, University of Texas, Austin, Tex. Mayo aud. 7:15 p.m. Free.
- Thur., Oct. 26---Film: "Johnny Got His Gun." North Star ballroom, St. Paul Student Center. 8 p.m. Admission \$1.
- Thur., Oct. 26---The Whole Coffeehouse: Larry Johnson and Dave Ray, also Fri., Oct. 27. Coffman Union. 8:30 p.m. Admission \$1.
- Fri., Oct. 27---Speaker, David Zilly, "Veteran's View of Vietnam." North Star ballroom, St. Paul Student Center. 12:15 p.m. Free.
- Sat., Oct. 28---Horror movies. Coffman Union main ballroom. 7 p.m. Admission \$1.
- Sat., Oct. 28---The Whole Coffeehouse: "Abadingi." Coffman Union. 8:30 p.m. Admission \$1.50.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 19, 1972

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

MINORITY HEALTH ISSUES  
LECTURES SET AT U OF M

(FOR IMMEDIATE RELEASE)

A special lecture series on health issues for the Twin Cities minority population will begin Friday, Oct. 27, at the University of Minnesota.

Sponsored by the University Health Sciences committee for minority students, the talks will be given at 12:15 p.m. in Mayo auditorium.

Speakers and their topics will be:

Ms. Georgia Whitfield, director of Free Clinic in St. Louis, Mo., "Community Organizing and the Free Clinic Worker," Oct. 27.

Dr. LaSalle Leffall, surgery chairman at Howard University, Washington, D.C., "Oncology Related to Black Patients," Nov. 16.

Dr. James Curtis, assistant dean of Cornell University Medical College, "Effective Mental Health Services for American Blacks," Dec. 8.

Dr. Charles Whitten, director of sickle cell research at Kirkwood General Hospital and Children's Hospital in Detroit, Mich., "Sickle Cell Anemia and the Peril Behind the Promise," Jan. 12.

Dr. George Blue Spruce, the only American Indian dentist, "The Need for American Indians in Health Professions," Feb. 9.

-UNS-

(A1,2,3,4,5,8,27;B1,5;C1)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 19, 1972

NEWSMEN: For further information  
contact GLORIA ANTHONY, 373-7517

U OF M PROFS AND  
STUDENT WIN AWARD

(FOR IMMEDIATE RELEASE)

Two University of Minnesota professors and their former student have been chosen as 1972-73 American Society of Composers, Authors and Publishers (ASCAP) award winners.

Paul Fetler and Dominick Argento, professors of music theory and composition, and Lothar Klein, a graduate of the University, have each been granted awards of up to \$1,500.

These awards are given annually by an independent panel for original composition in serious music.

This year's panel members were: Donald E. Brown, chairman of the division of fine arts of Barrington College in RI, and executive vice-president of the National Church Music Fellowship; Donald Engle, professional president of the Minnesota Orchestra Association; Dr. Frederick Fennell, conductor of the University of Miami Symphony Orchestra and Symphony Wind Ensemble; Walter Hendl, American conductor and Dr. Louis G. Wersen, former director of music education in the Philadelphia public schools and vice-president of the Music Educators National Conference.

-UNS-

(A2,25;B1)

NR 2  
R 47  
10/23/72

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 23, 1972

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

STUDENTS SPONSOR BENEFIT  
DINNER DANCE AT U OF M

(FOR IMMEDIATE RELEASE)

Two student organizations at the University of Minnesota are joining forces to sponsor a dinner-dance on Sunday (Oct. 29) to raise money to provide Thanksgiving dinners for needy Twin Cities children.

The Minnesota Student Association (MSA), the student governing body, and the Black Student Party are co-sponsoring the dinner-dance both to raise money and to bring the community to the campus.

Francisco Lloyd, an MSA vice president and member of the black student organization, said the two groups hope to attract a wide variety of people to the event, including students, University administrators, politicians and members of the various communities in the Twin Cities.

Dinner will be served in Coffman Union main ballroom from 7 to 9 p.m. and dancing, with music by Purple Haze, will continue in the ballroom until midnight.

Admission is \$3 per person or \$5 for couples, which covers both the dinner and the dance. Proceeds from the event will be spent on a planned Thanksgiving dinner for needy children.

Tickets for the dinner-dance are available in several spots on campus, including the MSA office and MSA store, both in Coffman Union. Some community centers will have tickets for sale, and tickets will be sold at the door the night of the event.

For further information, contact the MSA office in Coffman Union.

-UNS-

(FOR RELEASE ANYTIME)

Feature story from the  
University of Minnesota  
News Service-S 68 Morrill Hall  
Minneapolis, Minnesota 55455  
October 23, 1972

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### MAGIC WORDS WILL NOT HELP SMOKERS QUIT

by Bill Hafling  
University of Minnesota Science Writer

Certain cigarette ads to the contrary, a lot of smokers say they would really like to quit, but can't.

The magic words "How to Quit Smoking" will almost guarantee a best seller. Unfortunately---as with other drug dependencies and alcoholism---no one good method has been worked out to help smokers quit.

#### Some Things Work---But Only for Some

"The first step in quitting for many smokers, is a strong desire to stop," notes Dr. Faruk Abuzzahab, a drug researcher and therapist at the University of Minnesota Hospitals.

"Even then the habit is tied to so many psychological, social, and physiological factors that it is extremely difficult to break.

"Hypnosis, once highly publicized, has not worked well, according to follow-up studies at a later time. Neither do the large classes given by well-meaning public health agencies. The audience is too fragmented and people find it hard to be committed to the information given in a lecture. As a result there is a high dropout rate and many people come away feeling that they will never be able to quit smoking."

Dr. Abuzzahab reports some success with closed groups in which smokers who are trying to quit come in for therapy with others, such as spouses and friends, who are also trying to quit.

"If someone has a desire to smoke they can call someone else in the group and talk about it, just the way Alcoholics Anonymous people do," he said. "Generally, the first week to the first month is the most difficult time."

One thing that smokers in such groups have to do is to learn to express themselves without the use of a cigarette. "I've noticed that people use their smoking as a non-verbal means of communication," Dr. Abuzzahab said.

"There is the long slow pull on the cigarette which is supposed to express 'thoughtfulness' or 'sexiness,' for example, and there are the short quick puffs which say, 'I am angry.'"

#### The Case of the Gambling Chemists

"If you must smoke, do so. Then leave by the hole which will suddenly appear in the ceiling." These words, printed in large letters, appear in many chemistry laboratories as a warning to visitors.

Because of the hazards of smoking on the job, chemists and others working with volatile substances often try harder than the average person to bring a smoking habit under control. In addition, researchers are often more impressed with the strength of findings linking smoking with cancer and other medical problems.

As a result, several groups of chemists have worked out their own "group therapy." A pact is made and signed in which each person agrees to pay all the others ten dollars or so if he should start smoking again at any time. Then everyone quits---cold turkey.

A former University of Minnesota psychology professor uses a variation of the betting pact for his patients and claims that it is a "nearly sure-fire cure" for smokers.

(MORE)

He has them make out a check for a large amount of money to an organization they do not believe in, such as a hated political party. If they start smoking again he sends the check---in the smoker's name---to the organization.

#### Low Nicotine---More Cigarettes?

Some research is being done on simply reducing cigarette use. Smokers take their cigarettes from holders containing an automatic counting device. At the end of each week they graph the number of cigarettes they have consumed and aim at reducing the number smoked over time.

Although pleased with their reduction in the number of cigarettes consumed, some smokers on this plan report switching to "stronger" brands of cigarettes.

Other smokers who have switched to lower nicotine level cigarettes report that they smoke more of them.

The phenomenon is explained in the British Medical Journal as follows: "Nicotine is taken up within a few minutes of smoking by receptors in the brain, where its action is rapid, complex, and varied. Smokers unconsciously modify their puff rate to maintain a steady nicotine intake when given high or low nicotine cigarettes."

#### More Research Needed

More research is needed to determine which puts more tar and nicotine into the smoker by the end of the day---a couple of big black stogies---or a couple of packs of "safe" low-tar, low-nicotine cigarettes.

At the same time, a lot more research is needed to find ways to help smokers stop, as well as to keep young people from starting. The findings may be useful in combatting other drug problems.

UNIVERSITY OF MINNESOTA NEWS EVENT

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE--S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 23, 1972

NEWSMEN: For further information  
contact BILL HAFLING, 373-7514

YOUNG PHILOSOPHER TO GIVE  
3 PUBLIC LECTURES AT 'U'

At an age when other high school students were still working on their acne problems, Saul Kripke was making discoveries of fundamental importance in modal logic.

Today, at age 32---very young for a major philosopher---Kripke's advice is sought by mathematicians, scientists and other philosophers visiting his office at Rockefeller University in New York City.

Professor Kripke will deliver three public lectures on philosophy at the University of Minnesota Monday, Wednesday and Thursday (Oct. 30, Nov. 1 and 2). All lectures are at 3:30 p.m. in Room 375 of the Science Classroom Building on the Minneapolis campus.

The inventor of a new science, "transfinite recursion theory," Kripke is a senior member of the faculty at Rockefeller and at Princeton University, New Jersey. According to Professor John Dolan of the University of Minnesota Kripke has, "beyond his mathematical and logical work, carried out work in pure philosophy that is as important as any done in this century."

Kripke's lectures at the University of Minnesota are sponsored by the departments of philosophy and concerts and lectures and by the Minnesota Center for the Philosophy of Science.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 25, 1972

MTR  
N47  
2 A/P

NEWSMEN: For further information  
contact BILL HAFLING, 373-7514

ARTIFICIAL LIFE SYNTHESIS  
TO BE EXPLAINED AT 'U'

(FOR IMMEDIATE RELEASE)

The artificial laboratory synthesis of a protein, a gene, a virus, a cell, and a certain type of mice has been accomplished in the last decade (1960 - 1970).

On Thursday, Nov. 23, Dr. James F. Danielli, director of the Center for Theoretical Biology at the University of New York, Buffalo, will explain the implications of artificial life synthesis for man and man's future.

The talk, open to the public, is at 4:00 p.m. in the Palmer Classroom Building on the St. Paul campus of the University of Minnesota. It is sponsored by the graduate program in plant physiology and the department of concerts and lectures.

-UNS-

(A1,2,3,4,5,7,8;B1,9,10;C1)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 25, 1972

NEWSMEN: For further information  
contact CAROL JOHNSEN, 373-7511

U OF M COURSES  
OFFERED IN LONDON

(FOR IMMEDIATE RELEASE)

Students at the University of Minnesota will have an opportunity to study abroad and earn 16 credits or more per quarter this spring and summer.

London, England, will be the site of courses in English, history, sociology and theatre offered by the University's Continuing Education and Extension (CEE) division and taught by University of Minnesota faculty.

"More students and parents think international experience should be part of one's college education," says Professor William C. Rogers, director of the University's World Affairs Center and coordinator of the London program for CEE.

"International experience used to be furnished in the more elite colleges as 'junior year abroad' but now it is in the reach of more and more students," he added.

The University is following closely an eight-year-old program at Michigan State University which has offered courses in such countries as Japan, Germany and Italy.

Approximate spring quarter dates for the University's London classes will be March 23 through June 16. Subjects to be offered are "Introduction to Literature; Topics," and "Shakespeare" taught by Gordon O'Brien, professor in the University's English department, and "The Colonial Period of American History," and "Problems in Colonial American History," taught by Professor Peter Carroll of the history department.

Courses in the summer session, June 20 through Aug. 25, include two theatre courses taught by Charles Nolte, professor in the University's theatre department, playwright and professional actor and two sociology classes taught by Professor Caroline Rose of the sociology department.

There are no entrance or residence requirements for any of the courses. Classes will be held in a London hotel or college where students will reside.

Approximate total cost per quarter is \$1450 including travel, room and board and tuition. Deadline for spring quarter registration is Jan. 1. Only 40 students will be accepted.

For further information contact International Study and Travel Center, 231 Coffman Union, University of Minnesota, Minneapolis, 55455. To hold a place send a check for \$25 payable to the University of Minnesota to World Affairs Center, 3300 University Ave. S.E., Minneapolis, Minn. 55414.

-UNS-

(A1-5; B1; C1, C4, C22; D1, D2)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 25, 1972

NEWSMEN: For further information  
contact JUDY VICK, 373-7515

LAST SCOTT HALL SEASON  
TO OPEN WITH KAUFMAN-HART COMEDY

(FOR IMMEDIATE RELEASE)

The University Theatre's final season in Scott hall auditorium will open Friday, Nov. 3 with the production of George S. Kaufman and Moss Hart's classic comedy of the '30s, "You Can't Take It With You."

Lee Adey, associate professor of theater, is directing the play which is being presented in cooperation with the University's American Studies department.

"The play is a study in modern day individualism," Adey said.

Leading roles are played by Graham Thatcher, a graduate student from Indianapolis, Ind., as Grandpa, and Pat Van-Catledge, a senior from Miami, Fla., as Penelope.

Other University theater students in the cast are Susan Alexander, Cold Spring, Minn., as Alice; Mark Blum, Maplewood, N.J., as Tony; Brian Brown, Albert Lea, Minn., as the FBI man; David F. Cook, Green Bay, Wis., as Mr. De Pinna; Lynne Day, San Francisco, Calif., as Essie; Frank Dent, Tulsa, Okla., as Kolenkhov; Douglas Hamilton, Moorhead, Minn., as Mr. Kirby; Bruce Himle, Austin, Minn., as Paul; Christopher Holder, Mentor, Ohio, as Henderson; Terri Johnson, Minneapolis, as Rheba; Thom Krueger, Merrill, Wis., as Ed; Marilyn Miller, Minneapolis, as Mrs. Kirby; Marianne Mullerleile, St. Louis, Mo., as Olga; Irene O'Brien, Minneapolis, as Gay, and Jim Proetz, Hopkins, as an IRS man.

Performances are at 8 p.m. Nov. 3,4,8,9,10 and 11 and at 3:30 p.m. Nov. 7 and 12. Admission is \$2.50 for non-students and \$1.75 for students and senior citizens. Tickets are on sale at Dayton's and at the Scott hall ticket office on the Twin Cities campus.

-UNS-

(A1-5,A25; B1;C1,C4)

UNIVERSITY OF MINNESOTA  
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MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 26, 1972

MTR  
N47  
810

NEWSMEN: For further information  
contact BILL HAFLING, 373-7514

CORRECTION

ARTIFICIAL LIFE SYNTHESIS  
TO BE EXPLAINED AT 'U'

(FOR IMMEDIATE RELEASE)

The Oct. 25 release on artificial life synthesis a speech to be given  
by Dr. James F. Danielli contains an error. The date of the speech should be  
Thursday, Nov. 2.

-UNS-

(A1,2,3,4,5,7,8; B1,9,10; C1)

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OCTOBER 26, 1972

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

'U' PHYSICIAN ELECTED  
HEAD OF NEW SOCIETY

(FOR IMMEDIATE RELEASE)

Dr. Kenneth Swaiman, professor and director of pediatric neurology at the University of Minnesota, has been elected president of the Child Neurology Society at its organizational meeting in Ann Arbor, Mich.

Other University faculty elected to office are Dr. Francis Wright, chairman of the membership committee; Dr. Lawrence Lockman and Dr. Robert Kriel, newsletter and publicity committee; Dr. Jerrold Milstein, scientific program and publication committee, and Dr. William Hosfield, incorporation and legal affairs.

More than 140 pediatric neurologists, or 75 per cent of the practitioners in the United States and Canada, attended the meeting.

-UNS-

(A8,B1)

UNIVERSITY OF MINNESOTA  
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TELEPHONE: 373-5193  
OCTOBER 26, 1972

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
October 29-November 4

- Sun., Oct. 29---St. Paul Student Center Galleries: Acrylics and oils by Dorothea Smith, through Oct. 31. St. Paul Student Center. Hours: Mon.-Sat. 8 a.m.-10 p.m., Sun. 12 noon-10 p.m. Free.
- Sun., Oct. 29---Jaques Gallery: "The Art of Francis Lee Jaques," through Nov. 27. Bell Museum of Natural History. Hours: Mon.-Sat. 9 a.m.-5 p.m., Wed. 9 a.m.-9 p.m., Sun. 2-5 p.m. Free.
- Sun., Oct. 29---University Gallery: B.J.O. Nordfeldt Retrospective, through Nov. 5. Northrop aud. Hours: Mon.-Fri. 11 a.m.-4 p.m., Sun. 2-5 p.m. Free.
- Sun., Oct. 29---Film, "Nanook of the North." Bell Museum of Natural History. 2:30 and 3:30 p.m. Free.
- Sun., Oct. 29---University Theatre: "Amedee" or "How to Get Rid of It" by Eugene Ionesco. Scott hall studio theatre. 3:30 p.m. Final performance.
- Sun., Oct. 29---Benefit dinner-dance to raise money to provide Thanksgiving dinners for needy Twin Cities children. Coffman Union main ballroom. 7 p.m. Admission \$3 per person, \$5 for couples.
- Mon., Oct. 30---Wilson Gallery: "The Book and Its Cover: An Exhibit of Fine Bindings," through Nov. 472 Wilson Library. Hours: Mon.-Fri. 8 a.m.-5 p.m. Free.
- Mon., Oct. 30---Speaker, Martin Lusafer of Campus Community Concerns. 320 Coffman Union. 12:15 p.m. Free.
- Mon., Oct. 30---Speaker, Mark Vaught on "MPIRG After One Year." North Star ballroom, St. Paul Student Center. 12:15 p.m. Free.
- Mon., Oct. 30---Lectures on philosophy by Professor Saul Kripke, Rockefeller University and Princeton University, also Wed., Thur., Nov. 1,2. 375 Science classroom building. 3:30 p.m. Free.
- Tues., Oct. 31---Movie, Boris Karloff thriller. North Star ballroom, St. Paul Student Center. 12:15 p.m. Free.
- Tues., Oct. 31---Movie, "Diabolique." North Star ballroom, St. Paul Student Center. 8 p.m. Admission \$1.

(MORE)

CALENDAR

-2-

Wed., Nov. 1---St. Paul Student Center Galleries: Stitchery, acrylics and metal by Arlen Olson, through Nov. 30. St. Paul Student Center. See hours above. Free.

Wed., Nov. 1---Performance by the Minnesota Dance Theatre. North Star ballroom, St. Paul Student Center. 12:15 p.m. Free.

Thur., Nov. 2---Special lecture: "Artificial Life Synthesis" by Dr. James F. Danielli, director, Center for Theoretical Biology, University of New York, Buffalo. 10 Palmer classroom bldg., St. Paul campus. 4 p.m. Free.

Thur., Nov. 2---Electrical Engineering Colloquium: "MOS Integrated Circuits" by R. H. Crawford, MOSTEK, Carrollton, Texas. 108 Main Engineering. 4:15 p.m. Free.

Fri., Nov. 3---U. Film Society: Two films from India, "Raga," a biography of Ravi Shankar, 7:30 p.m. and "Days and Nights in the Forest," directed by Satyajit Ray, 9:30 p.m. also Sat., Nov. 4. Bell Museum of Natural History. Admission charge.

Fri., Nov. 3---University Theatre: "You Can't Take It With You" by George S. Kaufman and Moss Hart. Scott hall aud. Performances are at 8 p.m. Nov. 3, 4, 8, 9, 10, and 11 and at 3:30 p.m. Nov. 7 and 12. Tickets on sale at Dayton's and Scott hall ticket office.

-UNS-

UNIVERSITY OF MINNESOTA  
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OCTOBER 27, 1972

AIT#  
N47  
9A41

NEWSMEN: For further information  
contact BILL HUNTZICKER, 373-7512

U OF M WOMAN APPLIES  
FOR RHODES SCHOLARSHIP

(FOR IMMEDIATE RELEASE)

A University of Minnesota student is challenging the all-male restriction on the Rhodes Scholarship to Oxford University in England.

And Eileen Lach, 22, Minneapolis, has the support of E. W. McDiarmid, director of the graduate fellowship office at the University who says the all-male requirement is a violation of University anti-discrimination policies.

Ms. Lach, a senior with nearly a straight-A average in international relations, was one of four whose names were forwarded by the University to a state committee which will nominate two people for competition at the regional level.

She said the scholarship was established in 1902 when Oxford was an all-male institution and was not changed when the university accepted women in 1920.

Last year, Ms. Lach was a University of Minnesota exchange student in India and in 1970 she studied for six months on a partial scholarship in Mexico and Honduras.

E. W. McDiarmid, director of the graduate fellowship office at the University, said it may take an act of the British Parliament to change the requirements of the scholarship.

"If we can help change that requirement, I'm all for it," McDiarmid said.

Ms. Lach is a former state chairman of the Young DFL and an organizer of the successful 1969 bipartisan Minnesota Coalition to Lower the Voting Age.

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OCTOBER 27, 1972

WOMAN APPLIES FOR MEN'S SCHOLARSHIP  
by Bill Huntzicker  
University News Service

Eileen Lach is no ordinary student. Her application for the prestigious Rhodes Scholarship reads more like an adventure story than a grant request. And she has nearly a straight-A average.

But the significance of her scholarship application is not mentioned in it: The 22-year-old University of Minnesota senior is challenging the male-only clause in the requirements for the grant to study at Oxford University in England.

"This is the largest financial scholarship and the most prestigious for American scholars going to Britain and there's no reason why half of the American population should be kept from applying for it," Ms. Lach said in an interview.

Her personal reason for applying is more traditional. "Oxford is the best place to go for international law which I want to study."

And there is little doubt at the University of Minnesota about Ms. Lach's qualifications for the award.

Ms. Lach's advisor, political science professor Mulford Q. Sibley, said he has no doubt she would be given the scholarship if she were a man. "She's one of the most imaginative undergraduate students I've had in years," he said.

Ms. Lach, who in 1969 was Minnesota chairman of Young Democrats and an organizer of the bipartisan Minnesota Coalition to Lower the Voting Age, said it is ineffective to talk about women's liberation as an issue separate from human liberation.

(MORE)

"Women's liberation is a misnomer; it should be termed as human liberation because it is counter-productive to isolate yourself from the other part of mankind. Politically it's not strategic and it contributes to the tension created by traditional social customs," she said.

"If there is to be a women's movement, it should be oriented toward equalizing pay scales, housing, club membership, employment opportunities and things like that," she said. "I think legislative change might be used as a tactic before attitudinal change.

"A lot of people have burned themselves out in the poetry of protest and haven't looked to concrete means of change," she said.

Her interest in politics and social change extends to the international level. With a major in international relations, her courses include such subjects as cross-cultural communications and foreign policy.

Her extracurricular activities also reflect these interests. In 1969, she was a national organizer of the Student Mobilization Committee and the moratorium against the war in Vietnam. Currently, she is a member of the antiwar Committee of Concerned Asian Scholars.

She has studied in Mexico, Honduras, and India. In south central India, Ms. Lach studied at Osmania University in Hyderabad and lived for a time in the village of Pochampally.

She was accused of being a spy for the United States and she thinks she avoided being deported because of the remoteness of her village.

Ms. Lach was different from most Americans in India because she lived with Indian families and spoke Hindi, the language of the area.

"There was suspicion of any American research presence because of the U.S. support of Pakistan in the war in the winter of 1971 and the national emotionalism carried over into personal relationships," she said.

(MORE)

"Suspicions like these were based on a lot of emotionalism and very little information," she said. "It really hurt; people I trusted were suspicious of me."

Her research was on three political movements which emerged from the village over a 20-year period---guerilla warfare with a Marxist orientation, applied Gandhianism (nonviolence) and the British form of parliamentarianism. She said that first two ideologies have little strong political support today.

In Mexico and Honduras, she studied the interrelationship among the Catholic church, the student movement and the laborers of the United Fruit Company.

She said Latin American universities are an open training ground for the "human ammunition" of soldiers and policy makers. "They have no autonomy from the government."

Ms. Lach lives with her mother, Mrs. Adeline F. Lach, at 315 Thirteenth Ave. N.E., in Minneapolis.

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(Lach is pronounced "Lock")

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UNIVERSITY OF MINNESOTA  
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NOVEMBER 3, 1972

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
November 5-11

- Sun., Nov. 5---St. Paul Student Center Galleries: Tie Dyes by Vim Maquire, through Nov. 27; Photography by Jerry Greig, through Nov. 29; Stitchery, acrylics and metal by Arlen Olson, through Nov. 30. St. Paul Student Center. Hours: Mon.-Sat. 8 a.m.-10 p.m., Sun. 12 noon-10 p.m. Free.
- Sun., Nov. 5---Judy Cowden, BFA voice recital. Scott hall aud. 2 p.m. Free.
- Sun., Nov. 5---Jaques Gallery: "The Art of Francis Lee Jaques," through Nov. 27. Bell Museum of Natural History. Hours: Mon.-Sat. 9 a.m.-5 p.m., Wed. 9 a.m.-9 p.m., Sun. 2-5 p.m. Free.
- Sun., Nov. 5---University Gallery: B.J.O. Nordfeldt Retrospective, final day. Northrop aud. Hours: Mon.-Fri. 11 a.m.-4 p.m., Sun. 2-5 p.m. Free.
- Sun., Nov. 5---Films, "The Shepherd," "Study of the Finch" and "Messages." Bell Museum of Natural History. 2:30 and 3:30 p.m. Free.
- Sun., Nov. 5---Steve Bell, classical guitarist. Coffman Union main ballroom. 8 p.m. Admission \$1 students, \$1.50 non-students.
- Mon., Nov. 6---Wilson Gallery: "The Book and Its Cover: An Exhibit of Fine Bindings," through Nov. 472 Wilson Library. Hours: Mon.-Fri. 8 a.m.-5 p.m. Free.
- Mon., Nov. 6---Speaker, Dr. Clyde Christensen, "Molds, Mushrooms, and Mycological Marvels." North Star Lounge, St. Paul Student Center. 12:15 p.m. Free.
- Tues., Nov. 7---University Theatre: "You Can't Take It With You" by George S. Kaufman and Moss Hart. Scott hall aud. Performances are at 8 p.m. Nov. 8, 9, 10, and 11 and at 3:30 p.m. Nov. 7 and 12. Tickets on sale at Dayton's and Scott hall ticket office.
- Wed., Nov. 8---Judy Cook bowling exhibition. Coffman Union lanes. 1:15 p.m. Free.
- Thur., Nov. 9---"Position for Quantifiers" by R. F. Strawson, Waynflete Professor of Metaphysical Philosophy at Oxford. 155 Ford Hall. 3:30 p.m. Free.
- Thur., Nov. 9---The Whole Coffeehouse: Manchild and Dick Pinney, also Fri., Sat., Nov. 10, 11. Coffman Union. 8:30 p.m. Admission charge.
- Fri., Nov. 10---Max Morath. Coffman Union main lounge. 12:30 p.m. Free.
- Fri., Nov. 10---"Some Thoughts on Proper Names" by P.F. Strawson, Waynflete Professor of Metaphysical Philosophy at Oxford. Murphy hall aud. 3:30 p.m. Free.
- Fri., Nov. 10---U. Film Society: Japanese films, "Diary of A Shinjuku Thief" and "Rite of Love and Death," also Sat., Nov. 11. Bell Museum of Natural History. 7:30 and 9:30 p.m. Admission charge.

-UNS-

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NOVEMBER 3, 1972

NEWSMEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

'U' WOMEN'S GROUP  
POLLS CANDIDATES

(FOR IMMEDIATE RELEASE)

A poll of all state legislative candidates taken recently by a women's group at the University of Minnesota shows that the majority who responded support the positions of the group.

The Council for University Women's Progress (CUWP) mailed the three-question poll on Oct. 16 to 395 legislative candidates. By the end of the month 70 candidates had responded.

"We're sorry the response rate was so low," said Mary Lou Hill, head of CUWP's political action committee and a civil service worker at the University.

"If we'd gotten it out earlier we might have had more response," she said, adding that the small number of returns might indicate lack of interest in the issues on the part of some candidates.

Each of the three questions on the poll dealt with an area of sex discrimination.

All but two of the 70 respondents said they would support an amendment to the State Act Against Discrimination to prohibit discrimination in areas not now covered, such as real property and public accommodations.

Nearly all said they support the idea of affirmative action programs to redress unequal treatment of women in educational institutions, employment, public services, real property and public accommodations.

And all but 11 of the respondents support what CUWP calls a need for more women on the University Board of Regents. At present there are two women on the 12-member board.

The survey results have been mailed to CUWP's 140 members and will be sent to other women's groups, Ms. Hill. She added that it may become useful later for lobbying at the legislature.

Fifty of the 70 respondents are candidates seeking seats for the first time and the remaining 20 are incumbents. Forty-three of those who responded are running for seats in the seven-county metropolitan area.

CUWP is a private association of faculty, civil service and student women at the University. Membership is also open to men.

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UNIVERSITY OF MINNESOTA  
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NOVEMBER 3, 1972

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO,  
373-7513

EDUCATOR TO SPEAK  
AT CONFERENCE

(FOR IMMEDIATE RELEASE)

Dr. Vito Perrone, dean of the Center for Teaching and Learning at the University of North Dakota, will deliver the keynote address at the annual Minnesota Association for Supervision and Curriculum Development (NASCD) convention in Minneapolis this week.

Theme for the convention, which will be held Thursday and Friday (Nov. 9 and 10) at the Holiday Inn Central, is "Dimensions of Change." Activity during the convention will concentrate on discussion of techniques in school administration, curriculum alternatives, instruction and student evaluation.

Richard Kimpston, assistant professor of secondary education at the University of Minnesota, is this year's NASCD president.

-JNS-

(A1,2,3,4,5;B1;C1)

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NOVEMBER 3, 1972

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

TWO U OF M ALUMNI RECEIVE  
OUTSTANDING ACHIEVEMENT AWARDS

(FOR IMMEDIATE RELEASE)

Two University of Minnesota alumni were awarded citations for outstanding achievement yesterday (Friday) at the annual Institute of Technology alumni meeting in Minneapolis.

The awards were presented by Elmer Andersen, chairman of the University's Board of Regents to Gerald B. Herzog and Arthur P. Burris.

Herzog, a 1950 graduate of the University, is director of the Digital Systems Research Laboratory for RCA Laboratories. As a researcher, he helped design and construct the first transistorized television receiver.

In the past, he has been awarded two RCA achievement awards and the David Sarnoff Outstanding Team Award in Science. The author of many papers and the holder of 22 patents for semi-conductor devices and applications, Herzog resides in Princeton, NJ.

Burris, a 1928 graduate, is president and chairman of the board for Electric Machinery Mfg. in Minneapolis, positions he has held since 1965. According to a company spokesman, under Burris' leadership the company has achieved its greatest sales volume, plant expansion and diversification of products in its history.

-UNS-

A1-5, 7, 15; B1; G1; E13

MTR  
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UNIVERSITY OF MINNESOTA  
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NOVEMBER 3, 1972

NEWSMEN: For further information  
contact BILL HUNTZICKER, 373-7512

## IS THE WAR NEARLY OVER?

(FOR IMMEDIATE RELEASE)

Is the Vietnam war nearly over?

Two University of Minnesota professors who have long disagreed about U.S. involvement in Vietnam also disagree on whether the current flurry of negotiations and prospective cease-fire will bring peace to the area.

In separate interviews, Romeyn Taylor, a professor of Chinese history who has taught courses on the culture and history of South East Asia, and Harold W. Chase, a political science professor who took a one-year leave in 1968 to serve as a Marine colonel in Vietnam, discussed the agreement reached between the North Vietnamese and presidential aide Henry Kissinger.

Both men agreed that North Vietnam has changed its position to accept an in-place cease-fire and internationally supervised elections and they said that the massive bombing of North Vietnam and mining of the harbors may have helped bring the shift in Hanoi's position.

"It is not true that we could have gotten the same terms four years ago," Chase said.

But, Taylor said, "President Nixon will be making a mistake if he assumes that Hanoi is giving up. They just want to shift their tactics to the political level and the level of small-scale guerilla warfare again."

Chase said the success of the cease-fire will depend on how well it is supervised, but Taylor said its success depends on the United States.

(MORE)

"International supervision isn't worth a hill of beans unless the United States wants to make it work," Taylor said. "We are, after all, the world's super-power."

"I doubt that the United States intends to get out of Vietnam whether the agreement is signed or not," he said.

"Even if the pact is signed, the people will have millions of Saigon troops and tens of thousands of Saigon police leaning on them. Thieu has repeatedly said he will not rest until every communist has been killed in Vietnam," Taylor said.

Chase disagreed. He said South Vietnam's President Thieu will not stand in the way of a cease-fire.

"Thieu is just holding out for the best settlement he can get," Chase said. "Thieu alone can't hold us up. He's too dependent on us. He wants to talk to make sure the guarantees will hold."

Taylor said that within the past month or two, Thieu has assumed political power through repression. "He has abolished elections at the local level, tampered with the judicial system and imposed laws against the press.

"Within the past year, the other so-called 'free countries'---Thailand, the Philippines, South Korea and, of course, South Vietnam---have all been placed under martial law," Taylor said. "The dominoes are falling to the right instead of the left."

Chase has a different concern. "I'm worried about intense isolationism in the United States," he said. "This is like Herbert Hoover and Sen. Taft talking about 'fortress America.' I can understand it, but don't tell me it's moral."

Chase said the Thieu government's tampering with elections and the press has been no more extreme than restrictions imposed in European nations during wartime.

(MORE)

He said he admired President Nixon for not deserting the South Vietnamese government.

"I would not feel that my time in Vietnam was wasted if there is a fair determination of what the people want," Chase said. "Then if they don't succeed, we can't go on supporting them forever."

Taylor said that the history of U.S. involvement indicates that the U.S. will not live up to its agreement. The Geneva agreements of 1954 failed because the U.S. refused to allow the 1956 elections in Vietnam, he said.

Chase said the elections were not allowed because Ho Chi Minh would have won as there were no opposition parties in the north. "How can you have a free election without an opposition party?"

Taylor said that recent U.S. moves to hire private corporations, such as Air America, to do some of the work that the military is now doing in Vietnam may already be a violation of the agreement.

"If the United States is unwilling to get out," he said, "the struggle will continue. If the conflict is shifted to the political level, then I'm sure the communists will win."

He said the Thieu government has lost its viability with the Vietnamese people because it is one of a string of governments which have supported the French and the Americans.

Chase said he assumed that the cease-fire will stop all sides from supplying arms to the factions within South Vietnam, but he said the U.S. should continue giving economic aid.

Nguyen Cao Dam, a major in the South Vietnamese army and a graduate student at the University of Minnesota, was with Chase during the interview.

Major Dam disagreed on the issue of whether the cease-fire should allow North Vietnamese troops to remain within South Vietnam. But, Major Dam agreed that Thieu would not block an agreement.

He said that the North Vietnamese demanded an Oct. 31 deadline for the signing of the agreement to humiliate the Thieu government on Nov. 1, its National Day.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
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NOVEMBER 6, 1972

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

'U' HEALTH SCIENCES GET  
MINORITY RECRUITMENT GRANT

(FOR IMMEDIATE RELEASE)

The University of Minnesota Health Sciences Center has received a three-year \$561,000 grant to increase the representation of minority-group and economically deprived persons from the Upper Midwest in the health professions.

The Health Sciences (dentistry, medicine, nursing, pharmacy, public health, veterinary medicine and allied health) will use the money to recruit students, assure their financial ability to graduate and encourage their practice in manpower shortage areas.

The grant is one of 29 special health career opportunity grants from the Bureau of Health Manpower Education of the National Institutes of Health.

-UNS-

(A1-5, 8, 14, 17, 27; B1, B5)

UNIVERSITY OF MINNESOTA  
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NOVEMBER 6, 1972

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NEWSMEN: For further information  
contact CAROL JOHNSEN, 373-7511

'U' FILM SOCIETY TO  
SHOW JAPANESE FILMS

(FOR IMMEDIATE RELEASE)

The University of Minnesota Film Society will present two films from Japan on Friday and Saturday (Nov. 10 and 11) in the Bell Museum of Natural History auditorium.

"Rite of Love and Death," a film written and directed by the late Japanese novelist Yukio Mishima who committed hara-kiri suicide last year, will be the first of two offerings to be shown at 7:30 and 9:30 p.m.

The second film to be presented will be "Diary of a Shinjuku Thief," directed by Nagasa Oshima, one of Japan's most powerful contemporary film directors and a man who has been called "the Godard of Japan."

"Diary of a Shinjuku Thief" is a mixture of reality and fantasy concerning the counter-culture of Tokyo's Shinjuku district, the heart of the hippie and radical underground. A complex plot unravels the story of two students through a narrative of crime, existential sex and theatrical role-playing (a Kabuki troupe of "situation players" perform street drama in the film.) French writer Jean Genet's "Thief's Journal" is the prototype for the Oshima story.

Admission for the films is \$1.50.

-UNS-

UNIVERSITY OF MINNESOTA  
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NOVEMBER 7, 1972

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NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

WOMEN'S PROGRAMS TO TEACH  
TERM PAPER WRITING SKILLS

(FOR IMMEDIATE RELEASE)

A three-session course in term paper writing for those who wish to return to the classroom but don't have the research and writing skills necessary will be offered by the University of Minnesota this month.

Taught by Ronald Dorr of the University's rhetoric department, the non-credit course will cover the areas of research materials, writing style and technique. Time will be spent on the methods of library work and the use of original ideas with practice in paraphrasing, quoting and footnoting.

The course will be offered on Tuesday (Nov. 14), Nov. 21 and 28 from 9:30 a.m. until noon at MacPhail Center in downtown Mpls. Fee for the course is \$12 and registration is by mail through Women's Programs, 200 Westbrook Hall, University of Minnesota, Minneapolis, Minn. 55455.

-UNS-

(A1,2,3,4,21,27; B1, 8; C1)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 7, 1972

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

SIBLEY TO LEAD  
PEACE SEMINAR

(FOR IMMEDIATE RELEASE)

Mulford Q. Sibley, political science professor at the University of Minnesota, will lead three supper seminars on the problems of peace beginning Sunday (Nov. 12).

The second and third sessions will be held on Sunday, Nov. 19 and Sunday, Dec. 3.

Problems of law and order in international relations, defense without the military and other general issues relating to peace will be the subjects of talks by Sibley before supper with discussions by the group afterwards.

All sessions will be held at the St. Paul Campus Student Center and a social quarter hour will precede the meetings at 4:30 p.m.

Fee for the seminars and the three suppers is \$20. The seminar is being offered through Women's Programs, a division of Continuing Education and Extension at the University.

For registration information, contact Women's Programs, 200 Wesbrook Hall, University of Minnesota, Minneapolis, Minn. 55455 or call 373-9743.

-UNS-

(A1,2,3,4,27; B1,8; C1)

(FOR USE IMMEDIATELY)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 7, 1972

NEWSMEN: For further information  
contact BILL HUNTZICKER, 373-7512

MEMO TO NEWSMEN

The monthly meeting of the University of Minnesota Board of Regents will be at 10 a.m. Friday (Nov. 10) in the Regents' room, 238 Morrill hall.

Two Regents' committees will meet earlier Friday. The physical plant committee will convene at 8:30 a.m. in 300 Morrill hall and at 9:15 in the Regents' room, the health sciences committee will hear Dean Robert Carter report on the medical education program at the University in Duluth.

On Thursday (Nov. 9), the budget, audit and legislative relationships committee will meet jointly with the educational policy and long-range planning committee at 1:15 p.m. in the Campus Club, 626 Coffman Union. The faculty, staff, student and public relationships committee will meet at 3 p.m. in the Campus Club.

-UNS-

(A1-5, B1, C1)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 7, 1972

NEWSMEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

'U' SYMPHONY ORCHESTRA  
TO PRESENT FREE CONCERT

(FOR IMMEDIATE RELEASE)

The University of Minnesota Symphony Orchestra will open its new season with a free concert on Saturday, Nov. 18 in Northrop auditorium.

The concert, which starts at 8 p.m., will be directed by the symphony's new conductor, Richard Massmann.

Bernard Weiser, professor of piano at the University and a recording artist, will be guest soloist for Rachmaninoff's "Rhapsody on a Theme of Paganini, Op. 43." Also included on the program are "Festive Overture, Op. 96" by Shostakovitch, "Symphony No. 4 in D minor, Op. 120" by Schumann and "First Essay for Orchestra, Op. 12" by Samuel Barber.

Music majors make up 90 per cent of the 75-member symphony, which serves as a training ensemble for talented instrumentalists and provides them with the opportunity to study and perform works of all musical periods. In addition to concerts at Northrop auditorium, each year the symphony presents programs for area high schools and colleges and makes an annual tour for out-state audiences.

Massmann joined the symphony from Kent State University, where he was conductor of the orchestra and violinist with the faculty string quartet.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 7, 1972

NEWSMEN: For further information  
contact JUDY VICK, 373-7515

'U' THEATRE TO PRESENT  
AMERICAN PREMIERE  
OF ETHIOPIAN DRAMA

(FOR IMMEDIATE RELEASE)

The American premiere of the Ethiopian play "Oda-Oak Oracle" will be presented Tuesday through Sunday, Nov. 14-19, in the Shevlin arena theater at the University of Minnesota.

This will be the first African drama and the first black-directed play to be presented in the history of the University Theatre.

Haimanot Alemu, a theater graduate student from Addis Ababa, Ethiopia, is directing the production. He received his bachelor of arts degree magna cum laude from the University this year and is a Bush fellow in acting, working toward a master's degree. He was a member of the Showboat crew last summer.

"Oda-Oak Oracle" is based on ancient African religion. The author, Tsegaye Gabre-Medhin, describes it as "a legend of black peoples, told of gods and God, of hope and love, and of fears and sacrifices." The play was published by the Oxford University Press in London in 1965.

The cast members, who will wear black masks, include the following University Theatre students: Bill Schoppert, Brooklyn Center, as the Oda-Man, the tree oracle; Drew Birns, Downey, Calif., as Shanka; Carla Hubbard, Rochester, Minn., as Ukutee, and Gary S. Martinez, San Jose, Calif., as Goaa.

(MORE)

The elders will be played by Lois Arth, St. Paul; Fred Branch, Asheville, N.C.; and Graziano Marcheschi, Chicago, Ill. Dancers will be Miss Arth; Cherie Carter, Elberon, N.J.; Bonnie Cavanaugh, Racine, Wis.; Abby Ehrlich, Minneapolis; Sheila Reiser, Nashua, N.H., and Louise Schoofs, Carroll, Iowa. Also participating as dancers will be three non-students. They are Mary, Cookie and Becky Doyle of 4624 Portland Ave., Mpls.

Stage manager for the production is Suzanne Kilian, Albert Lea, Minn. Design is by Bruce Cana Fox, Toledo, Ohio, costumes; Pat Flood, Minneapolis, set and lights, and Steven L. Bergerson, Parkers Prairie, Minn. and Carole Boldt, Pierre, S.D., sound.

Performances will be at 8 p.m. Tuesday through Saturday (Nov. 14-18) and at 3:30 p.m. Saturday and Sunday, Nov. 18 and 19. Tickets are on sale at the Scott hall ticket office and at Dayton's. Admission is \$1.75.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 8, 1972

NEWSMEN: For further information  
contact JUDY VICK, 373-7515

STUDIO ARTS FACULTY EXHIBIT  
TO OPEN IN UNIVERSITY GALLERY

(FOR IMMEDIATE RELEASE)

An exhibit of 54 works by 25 members of the University of Minnesota studio arts department faculty will open Wednesday (Nov. 15) in the University Gallery.

Oil and acrylic paintings, prints, drawings, sculpture, blown glass, photographs and mixed media works of art will be included in the exhibit which will be open to the public with no admission charge through Dec. 17.

There will be an opening reception Nov. 15 from 7 to 9 p.m. Regular gallery hours are 11 a.m. to 4 p.m. Monday through Friday and from 2 to 5 p.m. Sunday. The gallery is located on the third and fourth floors of Northrop auditorium.

Exhibiting artists are the following members of the studio arts faculty: Guy Baldwin, Karl Bethke, Peter Busa, Victor Caglioti, Thomas Cowette, Allen Downs, David Feinberg, Lynn Gray, Gary Hallman, Raymond Hendler, Curtis Hoard, David A. Johnson, Warren MacKenzie, George Morrison, Malcolm Myers, Katherine Nash, Wayne Potratz, Zigmunds Priede, William Roode, Thomas A. Rose, David Routon, Herman Rowan, Herman Somberg, William Warehall and Solomon Warkov.

-UNS-

MTR  
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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
TELEPHONE: 373-5193  
NOVEMBER 9, 1972

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
November 12-18

- Sun., Nov. 12---St. Paul Student Center Galleries: Tie Dyes by Vim Maguire, through Nov. 27; Photography by Jerry Greig, through Nov. 29; Stitchery, acrylics and metal by Arlen Olson, through Nov. 30. St. Paul Student Center. Hours: Mon.-Sat. 8 a.m.-10 p.m., Sun. 12 noon-10 p.m. Free.
- Sun., Nov. 12---Jaques Gallery: "The Art of Francis Lee Jaques," through Nov. 27. Bell Museum of Natural History. Hours: Mon.-Sat. 9 a.m.-5 p.m., Wed. 9 a.m.-9 p.m., Sun. 2-5 p.m. Free.
- Sun., Nov. 12---Films, "So Little Time," "Tides of Fundy," and "Sirene." Bell Museum of Natural History. 2:30 and 3:30 p.m. Free.
- Sun., Nov. 12---University of Minnesota Marching Band Indoor Concert, also Sun., Nov. 19. Northrop aud. 3 p.m. Tickets available in 105 Northrop and Dayton's.
- Sun., Nov. 12---University Theatre: "You Can't Take It With You" by George S. Kaufman and Moss Hart. Scott hall aud. 3:30 p.m. Final performance.
- Mon., Nov. 13---Wilson Gallery: "The Book and Its Cover: An Exhibit of Fine Bindings," through Nov. 472 Wilson Library. Hours: Mon.-Fri. 8 a.m.-5 p.m. Free.
- Mon., Nov. 13---U of M debaters vs. Oxford University debaters on topic "Resolved that politicians have listened too attentively to the 'silent majority.'" Coffman Union main ballroom. 12 noon. Free.
- Mon., Nov. 13---Lecture, Jim Rhoades on "Pre-history of Minnesota." North Star lounge. St. Paul Student Center. 12:15 p.m. Free.
- Tues., Nov. 14---U of M debaters vs. Oxford University debaters on topic "Resolved that this house would legalize marijuana." North Star ballroom, St. Paul Student Center. 12 noon. Free.
- Tues., Nov. 14---Lecture and discussion, "Pop Culture in Great Britain" by Rodney Bennett-England, British lecturer, author and men's wear specialist. North Star ballroom, St. Paul Student Center. 3:15 p.m. Free.
- Tues., Nov. 14---University Theatre: American premiere of the Ethiopian play "Oda-Oak Oracle." Shevlin arena theater. Performances Tues.-Sat., Nov. 14-18 at 8 p.m. and Sat., Sun., Nov. 18, 19 at 3:30 p.m. Tickets available at Scott hall ticket office and Dayton's.
- Wed., Nov. 15---Campus Community Concerns: "Ethics of the Corporation." 320 Coffman Union. 12:15 p.m. Free.
- Wed., Nov. 15---David S. Broder, political correspondent and columnist for the Washington Post speaks on "American Political Party Change: A Perspective." Bell Museum of Natural History. 8 p.m. Free.
- Thur., Nov. 16---University Gallery: Studio Arts Faculty Exhibition, through Dec. 17 Northrop aud. Hours: Mon.-Fri. 11 a.m.-4 p.m., Sun. 2-5 p.m. Free.

CALENDAR

-2-

Thur., Nov. 16---Minority Health Issues: "Oncology Related to Black Patients" by Dr. LaSalle Leffall, surgery chairman at Howard University, Washington, D.C. Mayo aud. 12:15 p.m. Free.

Thur., Nov. 16---Electrical Engineering Colloquium: "Power Sources for Vehicles" by C.C. Christianson, Gould Laboratories. 108 Mechanical Engineering. 4:15 p.m. Free.

Thur., Nov. 16---Movies, "The Heart is a Lonely Hunter" and "The Lemming." North Star ballroom. St. Paul Student Center. 8 p.m. Admission \$1.

Fri., Nov. 17---U. Film Society: John Ford's "The Searchers" and J.P. Melville's "Second Breath," also Sat., Nov. 18. Bell Museum of Natural History. 7:30 9:30 p.m. Admission \$1.50.

Fri., Nov. 17---Rock band, "Wire." Coffman Union main ballroom. 8 p.m. Admission \$1.50.

Sat., Nov. 18---Concert, The University of Minnesota Symphony Orchestra. Northrop aud. 8 p.m. Free.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 63 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 10, 1972

NEWSMEN: For further information  
contact JUDY VICK, 373-7515

POLITICAL COLUMNIST  
TO SPEAK AT 'U'

(FOR IMMEDIATE RELEASE)

David S. Broder, senior political correspondent and columnist for the Washington Post, will speak at the University of Minnesota Wednesday (Nov. 15) at 8 p.m. in the Bell Museum of Natural History auditorium.

"American Political Party Change: A Perspective" will be his topic. The lecture is sponsored by the Campus Committee on Convocations and the Arts and is open to the public with no admission charge.

Broder is the author of "The Republican Establishment" and "The Party's Over." He formerly covered national politics for the New York Times, the Washington Star and the Congressional Quarterly. He joined the Post staff in 1966. In 1961 he won the Washington Newspaper Guild award for interpretive reporting and in 1969 was the recipient of a Harvard University Institute of Politics fellowship.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE S-68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 10, 1972

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO 373-  
7513

REGENTS APPOINT  
PERSONNEL OFFICER

(FOR IMMEDIATE RELEASE)

Roy Richardson, 41, was appointed personnel officer today by the University of Minnesota Board of Regents, effective Dec. 1, 1972.

Richardson's appointment is the product of a ten-month effort to fill the new position. As personnel officer, Richardson will be expected to develop management policies for the academic and civil service staffs at the University.

He is currently corporate manager of manpower development and training for International Harvester Co., Chicago, Ill. Previously, he spent 14 years in personnel management with Honeywell, Inc., Mpls.

Richardson holds a bachelor of arts degree in psychology from Macalester College, St. Paul, a master of arts degree in labor relations from the University of Illinois and a doctor of philosophy degree in industrial relations from the University of Minnesota.

In further action, the Regents appointed John M. Taborn, 37, associate professor of Afro-American studies, effective Oct. 1. Taborn succeeds Lillian Anthony who resigned this year.

Taborn is currently continuing education consultant for the Center for Youth Development and Research at the University. From 1970 to 1971 he was assistant to the dean of the College of Education and assistant professor of educational psychology.

Taborn holds a bachelor of science degree in sociology from Southern Illinois University, a masters of education in vocational rehabilitation counseling from the University of Illinois and a doctor of philosophy degree in school psychology from the University of Minnesota.

-UNS-

(A1,2,3,4,15,27;B1;C1:H)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 13, 1972

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NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

THREE 'U' ALUMNI  
RECEIVE AWARD

(FOR IMMEDIATE RELEASE)

Three University of Minnesota alumni were awarded citations for outstanding achievement yesterday (Sunday) during the Minnesota Geology Centennial in Minneapolis.

John C. Maxwell, a 1937 graduate, was one of three alumni to receive the University of Minnesota's Outstanding Achievement Award, the highest honor granted to University graduates.

Maxwell, a structural geologist involved in studies in Spain, Italy and California, is Farish professor of geological sciences at the University of Texas, Austin.

James H. Zumberge, a 1950 graduate of the University, received the award for his work as a scientist, educator and educational administrator. He is presently chancellor of the University of Nebraska at Lincoln. He served as dean for the University of Arizona's College of Earth Sciences from 1968 to 1972 and as president of Grand Valley State College in Michigan from 1962 to 1968.

Charles F. Park, Jr., who received his doctor of philosophy degree from the University in 1931, is professor emeritus of geology and former dean of the College of Earth Sciences at Stanford University.

The awards ceremony coincided with the opening of the 85th annual meeting of the Geological Society of America, being held in Minneapolis this week.

-UNS-

(A1,2,3,4,5,7; B1,9; C1,4)

MT 12  
N47  
JAP

(FOR USE ANY TIME)

Feature story from the  
University of Minnesota  
News Service-S 68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
November 13, 1972

### JACK BAKER FULFILLS 5-YEAR PLAN AT 'U'

by Valerie Cunningham  
University News Service Writer

Jack Baker has set his stamp on the University of Minnesota.

Three years ago he was 27 and an industrial engineer for a large corporation in Topeka, Kan. But he had other things in mind.

He set himself some goals for the next five years: go to Minneapolis, enroll in the University's Law School, start a gay liberation group, run for president of the student body and join the debating team.

Baker arrived in Minneapolis---a town he'd never seen before---in the fall of 1969. And things haven't been the same since.

He was elected president of the Minnesota Student Association (MSA) in 1971, then was re-elected in 1972---and two-term presidents are rare in student government.

Baker felt the second term was necessary to carry through his plans to get students involved in all the operations which affect their lives.

First he needed money, so he worked to get MSA's operating budget increased from about \$30,000 to \$142,000 a year.

Then he got to work. He has been one of the leaders in the successful effort to add student members to Board of Regents' committees.

There is now a student store on campus operated by MSA, and plans are afoot to build student-owned-and-operated housing and to acquire a student-owned-and-operated radio station.

(MORE)

There is even a full-time lobbyist at the State Legislature this session to represent student interests. Part of his salary is paid by MSA.

Baker will get the law degree he'd planned on soon, but he doesn't intend to practice law. Instead, he'll add it to the pile which includes a degree in engineering and another in business. The three degrees fit into his plans for the next five years.

### GAY LIFESTYLE

And Baker was instrumental in starting a gay liberation group, originally called Fight Repression of Erotic Expression (FREE). FREE was recognized as a legitimate campus organization in 1969 and Baker became identified as one of its spokesmen.

In its early days FREE offered a haven for men and women whom society would call homosexual. As time passed, members became more relaxed about announcing their preference for members of the same sex and began working to change stereotypes about homosexuals.

One of the first stereotypes they sought to change was the use of the word 'homosexual' in favor of the more neutral 'gay.'

"Gay describes a whole lifestyle which includes an orientation to people of one's own sex," says Baker, a theme he has been hammering home for several years.

With the campus as FREE's base, the University had to deal with the gay issue right in its own backyard.

"And the University now has a more accepting environment than anywhere else in the state," Baker says.

### GAYS IN POLITICS

As the University became sensitized to gays, the movement shifted its base. There are no more gay dances in the student union and no one bothers now to pass out leaflets explaining the gay lifestyle.

(MORE)

"We're focusing on political parties at this point," Baker says. "At least locally, gays agree that politics is where it's at."

The movement is seeking to elect gay candidates who will work to change laws which inhibit the gay lifestyle.

"But we're also going to have to work on changing social attitudes," Baker says, "and this is going to require a lot of education."

The education process still has far to go. Baker wryly points out that each political party has told gay groups that "if we really want to help we should go over and help 'ruin' the opposing party with our support."

He feels that hope lies with young people.

"They're more accepting and can relate to the idea that everyone should be able to live his or her own lifestyle as long as it's not hurting anyone else," he said.

Baker has no doubts that gays will have equal protection under the law within the next five years and that attitudes are rapidly changing.

As the emphasis within the gay movement is shifting, so are Baker's plans.

#### BAKER'S MARRIAGE

Two years ago he attempted to marry Mike McConnell, touching off a national furor.

The incident also touched off two court cases. Baker took Hennepin County's refusal to issue the pair a marriage license all the way to the U.S. Supreme Court, which refused to hear it. And, when the University refused to hire McConnell for a library job after the marriage publicity broke, the case went to the Supreme Court - and McConnell lost.

In the interim, McConnell adopted Baker and the pair received a marriage license in Mankato under Baker's adopted name. They consider themselves married, although the matter has never been decided in court.

(MORE)

Baker, who is 30 now, has always been a great believer in working within the system.

You seldom find him at demonstrations or sit-ins.

Instead, you find him in court or in a committee meeting, accomplishing his goals the tedious, but often successful, way.

With one more year to go as head of the 43,000 student body on the Twin Cities campus, Baker is now working on his plan for the next five years.

#### NEXT FIVE YEARS

"By the time I'm 35 or 40 I plan to be a high-level executive in a large business. And once I do I'll totally remove myself from the gay rights movement," he says.

Baker says he'll stay concerned but won't be involved. Instead, he'll let the new, young people lead the gay movement.

If what he wanted was a business career, why did he bother to get three degrees? Why does he get involved in politics and why make known his lifestyle, which many consider deviant?

"I'm trying to change the world to make it so I can live my life as I want to live it, openly and honestly," he says.

Baker says he will work to make industry more responsive to people, and not just gay people.

Women and gay people are both repressed minorities and both have the same goals, he says.

"We have to rid society of its role-playing and break down the concept of the chauvinistic, sexist male." Baker hopes he is acting as a catalyst to wash those stereotypes out of society.

His main concern right now is finishing up his law degree. Second comes his work with MSA and last on his list of priorities is the gay movement and its entrance into politics.

That doesn't leave much free time. But that doesn't really bother Jack Baker.

"Mike and I sometimes go to parties, or to a bar, but I don't really enjoy parties," he says. "I guess I'm just a settled-down married man."

*is included*

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 14, 1972

NEWSMEN: For further information  
- contact VALERIE CUNNINGHAM, 373-7516

ARAB-AMERICAN CLUB  
SPONSORS PARTY AT 'U'

(FOR IMMEDIATE RELEASE)

The Arab-American Club at the University of Minnesota is sponsoring its annual Arabian Welcome Party on Saturday (Nov. 18).

Both members and non-members are invited to the party to meet new students and renew acquaintances in the Men's Lounge in Coffman Union on the Minneapolis campus.

Music, singing and dancing are on the agenda for the party. Arabian pastries and coffee will be served.

Admission is fifty cents for non-members and free for members.

The Arab-American Club is a campus student organization with about 80 members.

-UNS-

(A1-A5, B1)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 14, 1972

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

U OF M OFFERS  
WINTER IN MEXICO

(FOR IMMEDIATE RELEASE)

University of Minnesota students will be able to live and work in a small Mexican town for college credit this winter.

From January 3, 1973 to March 21, 1973, courses in pottery, photography, film, linguistics, anthropology, Spanish, sociology and related arts will be offered in Tlaxiaco Oaxaca, Mexico.

Students will work with local potters, weavers, metal and leather workers as well as University faculty. Housing will be provided by local hotels and families.

Classes will be held from Tuesday through Thursday of each week, with five-day weekends for travel to Monte Alban, Mitla, Oaxaca, Cholula and other neighboring towns.

Tuition for 12 credits is approximately \$192.

To register, write to Allen Downs, Continuing Education in the Arts, 320 Wesbrook Hall, University of Minnesota, Minneapolis, Minn. 55455.

-UNS-

(A1,2,3,4,5; B1,8;C1,4)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 14, 1972

NEWSMEN: For further information  
contact BILL HUNTZICKER, 373-7512

AUTHOR WILL DISCUSS  
AFRICA AND ARAB WORLD

(FOR IMMEDIATE RELEASE)

Gerard Chaliand, an authority on Third World revolutions will discuss revolution in Africa and the Arab world at 2:15 p.m. Friday (Nov. 17) in 710 Social Science Tower on the West Bank of the University of Minnesota Twin Cities campus.

Chaliand has traveled and studied in Africa, Southeast Asia, the Middle East and Latin America. He is the author of the books, "Armed Struggle in Africa," "Peasants of North Vietnam," "The Palestinian Resistance," a number of others in French and numerous articles on the Indochina war and Third World revolutions.

-UNS-

(A1-5, B1)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 14, 1972

NEWSMEN: For further information  
contact CAROL JOHNSEN, 373-7511

'U' FILM SOCIETY TO FEATURE  
KUWAITAN FILM, DIRECTOR

(FOR IMMEDIATE RELEASE)

Khalid Siddik, 27 year-old film director from Kuwait (Persian Gulf), will be the guest of the University of Minnesota Film Society on Friday (Nov. 17) at 7:30 p.m. in the Bell Museum of Natural History auditorium.

Siddik's film, "The Cruel Sea," which won "best first feature" prize at the Venice Film Festival this fall, will be shown. The film is subtitled in classical Arabic and English.

Siddik will discuss the film as well as the problems faced by a young film director in mounting a first feature in a country where there is no film industry.

"Second Breath," a 1966 thriller by Jean-Pierre Melville, will be presented at 10 p.m. Friday night and 9:30 p.m. Saturday night (Nov. 18).

John Ford's 1956 film, "The Searchers," will be the Film Society's offering at 7:30 p.m. Saturday night.

Admission for the Siddik film showing is \$1.50. Admission for all other offerings is \$1.25.

-UNS-

(A1,2,4, A24; B1)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE S-68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 14, 1972

NEWSMEN: For further information  
contact JUDY VICK, 373-7515

'U' TO PRESENT  
TWIN CITIES PREMIERE  
OF BRITISH MUSICAL HIT

(FOR IMMEDIATE RELEASE)

The Twin Cities premiere of the British musical, "Lock Up Your Daughters," will open Friday, Nov. 24, in Scott hall auditorium at the University of Minnesota.

"Lock Up Your Daughters," is based on Henry Fielding's comedy, "Rape Upon Rape" and was first produced at the Mermaid Theatre, Puddle Dock, London.

The University production, presented in conjunction with the music department, is directed by H. Wesley Balk and Robert Moulton. Balk, director of the Center Opera Company, directed the University's production of "365 Days" at the Kennedy Center in Washington, D.C. last spring. He is assistant professor of theater at the University. Moulton, professor of theater at the University, is an internationally known choreographer.

The musical play was adapted by Bernard Miles with music by Laurie Johnson and lyrics by Lionel Bart.

Performances will be at 8 p.m. Nov. 24, 25, 29 and 30 and Dec. 1 and 2 and at 3:30 p.m. Nov. 28 and Dec. 3. Admission is \$2.50 for non-students and \$1.75 for students and senior citizens.

Leading members of the cast of theater students include David M. Kwiat, Minneapolis, as Squeezum; Sheriden Thomas, Los Alamos, N.M., as Mrs. Squeezum; Judy Cowden, Bemidji, Minn., as Cloris; Melanie Sonneberg, Anoka, as Hilaret; Ed Shaw, Peotone, Ill., as Brazencourt; Bill Levis, Sydney, Australia, as Dabble; David Goldstein, St. Louis Park, as Quill; Henry J. Jordan, Port Jefferson, N.Y. as Politic; Richard L. Homan, Kettering, Ohio, as Faithful; Brian K. Johnson, St. Paul, as Constant; James M. Harris, Traverse City, Mich., as Worthy; Jim Rohrbaugh, Minneapolis, as Sotmore, and Robert Krebs, St. Louis, Mo., as Ramble.

-UNS-

(A1-5, A25;B1)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 15, 1972

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NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

EDUCATORS TO PROBE  
WHO RUNS SCHOOLS

(FOR IMMEDIATE RELEASE)

School personnel from throughout Minnesota will discuss the question "Who Runs Our Schools?" at Schoolmen's Day on Thursday, Nov. 30.

Schoolmen's Day is presented annually by the University of Minnesota's department of conferences as a forum for Minnesota educators to discuss emerging issues in education.

This year's discussion, to be held at the St. Paul Hilton hotel, will concentrate on the impact that teachers, community members, judicial systems and government agencies have on Minnesota schools.

The session will open at 8:45 a.m. with an address by Howard Casmey, commissioner for the State Department of Education.

Mario Fantini, dean of the education faculty for State University of New York, New Paltz, will speak on alternative patterns of community participation in education. He has served on New York Mayor Lindsey's Panel for Decentralization of New York City Schools, President Johnson's National Advisory Council on Supplementary Centers and Services (Title III) and as a consultant in urban education to various schools systems, colleges and universities.

Other featured speakers will be Albert Quie, member of Congress for the first district, on the emerging role of the federal government in education; John Silard of Rauh and Silard, attorneys at Law, Washington D.C. on the involvement of the courts in education; and George Young, superintendent of the St. Paul Public Schools on the changing role of school administrators.

-UNS-

(A1,2,3,4,5,27; B1,8; C1,4,20)

(FOR USE ANY TIME)

Feature story from the  
University of Minnesota  
News Service-S 68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
November 15, 1972

SLOBBOVIA WILL BE COZY  
WHEN SOLAR POWER COMES

by Bill Hafling  
University Science Writer

It is said that it is so cold in Lower Slobbovia that the people are blue, icicles hang from their noses, and no one is recognizable because they are wearing so many clothes. If the sun were to shine just once in Slobbovia some would enjoy the warmth but many would die of heat stroke.

Minnesota, of course, is not like Lower Slobbovia. Once the long cold winter is over and the people turn from blue back to white, brown, black, yellow, speckled, and other colors, the quick hot summer begins.

Minnesotans have long had a dream: "Why," they cry in the summer, "couldn't we have saved just one or two of those winter days and used them to cool things off now that we need it?"

In the winter they say, "Why couldn't we have saved just one of those hot summer days and turned it loose just once this winter?"

Hope is on the horizon. Researchers at the University of Minnesota recently received a grant of nearly a half million dollars to study solar energy as a possible source of electric power.

Director of the project is Professor Richard C. Jordan, head of the University's School of Mechanical and Aerospace Engineering. Jordan, an expert on heating and cooling, has been doing research on the practical use of the sun's energy for over 20 years.

(MORE)

"Minnesota is indeed a unique part of the country," Jordan remarked.

"When a national climatological survey was made several years ago, the Twin Cities had to be singled out for special study. This is because the temperature range in this area from winter to summer is the greatest of any populated area in this country---about 140 degrees.

"Not only do we have a problem with heating in the winter---but there's the problem of cooling in the summer."

Aimed at solving this balance of temperature problem, Jordan conducted the "Invisible Family Research House Project" in 1959. Two complete houses were built at Stillwater, Minn., to study the effects of variations in insulation and energy sources on indoor temperature and humidity.

Although these homes were not equipped with solar collectors, the effects of solar energy on heating and cooling requirements were carefully measured.

"Here we made the most extensive studies of residential heating requirements that have ever been made any place in the world," Jordan said.

"Occupancy and equipment operation---washing machines, dishwashers, dryers, lamps, television sets---was simulated for a family of four. More than 300 thermocouples were used to record inside and outside air, wall and ground temperatures. In fact, a weather station was located at the houses."

After a winter of simulated occupancy, an actual family of four moved into the second test home.

"The comparison between the two homes was very close---in fact, better than we had expected," Jordan said. "Our simulation had been reasonable."

A major finding of the study was that approximately 30 per cent of the total energy needed for heating could be supplied just from appliance and equipment operations and normal living processes within the homes.

(MORE)

"This means," Jordan explained, "that with housing specifically designed to maximize the conservation of heat, it would be possible to supply virtually all of the heating energy requirements through incidental operations.

"Even in this relatively extreme climate, the heating system---in a properly designed home---would only need to be concerned with control and distribution rather than the supplying of additional heat.

"The family living in the test home said it was the most comfortable house they had ever lived in---no colds and no problems with sinus trouble. They were keeping the humidity up to around 40 per cent even on sub-zero days. The reason they could do it was that in addition to good insulation and vapor barriers in the walls, there were three panes of glass in the windows. This allows the maintenance of higher humidity in the house without any condensation on the walls.

"I believe that if you gave me enough money to do it, I could build a house today in which all the energy for heating could be supplied by a relatively small solar collector and from the normal uses of energy within the house---without any other heating plant---and be able to heat the house in Minnesota.

"We have also designed solar heat pump systems which have proven effective in large-scale operations for summer cooling and winter heating. Bear in mind, though, that there are many things today that are technically feasible that are not economically feasible. One of the goals of research is to bring the two together.

-UNS-

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 17, 1972

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

'U' DENTAL SCHOOL NAMES  
PROFESSOR OF THE YEAR

(FOR IMMEDIATE RELEASE)

Dr. Carl Bandt, associate professor of periodontology at the University of Minnesota, has been named Professor of the Year by the Dental School's Century Club.

The award was given at the Club's annual meeting today (Nov. 17) at the Radisson Hotel in Minneapolis.

Dr. Bandt, 34, 1 Snowy Owl Lane, North Oaks, was selected by a student-faculty committee for his demonstrated concern for students and leadership in developing new teaching and evaluation techniques.

He has received four degrees from the University and the Dental School and is an active member of several professional societies.

The Century Club, with 556 members, is composed of alumni and friends of the Dental School who provide extra financial aid for the school to facilitate such things as faculty recruitment, in-service training for faculty and students, research, and student scholarships.

New Century Club officers are Dr. Charles Wilkinson, Duluth, Minn., president, and Dr. Donald Bongard, Alexandria, Minn., vice president. New Executive Council members are Dr. Donald Bentley, Hawley, Minn., Dr. Laverne Hanson, St. Cloud, Minn., Dr. Donald Johnson, Minneapolis, Dr. Nerwin Theige, Minneapolis, Dr. Lloyd Truax, Rochester, Minn., and Dr. Lowell Wenberg, Mountain Lake, Minn.

-UNS-

(A1,2,17; E14; A5; B1)

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NOVEMBER 17, 1972

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

'U' DENTISTRY GRAD RECEIVES  
OUTSTANDING ALUMNI AWARD

(FOR IMMEDIATE RELEASE)

Dr. Arthur H. Bulbulian, a 1931 graduate of the University of Minnesota's School of Dentistry and a former director of the Mayo Medical Museum, will receive an Outstanding Alumni Award today (Nov. 17) at the School's annual alumni day.

A pioneer in prosthetic facial reconstruction, Dr. Bulbulian was an associate professor of medical education in the Mayo Graduate School of Medicine and a clinical professor of maxillofacial prosthetics at the Dental School until his retirement in 1969.

Also honored at alumni day activities will be Dr. John W. Olson, a 1922 dentistry graduate, who will receive the third Professor Arbert B. Hall Award.

Dr. Olson, who practiced in Rush City, Minn., from 1922 to 1970, is being recognized for his dedication and service to dentistry and dental education for almost 50 years.

New Alumni Association officers are Dr. Warren Hunt, West St. Paul, president; Dr. Roger Fredsall, Minneapolis, president-elect; and Dr. Duane Hanson, Willmar, Minn., secretary-treasurer. New board members are Dr. Ralph Werner, Menomonie, Wis., Dr. Homer Rovelstad, Grand Forks, N.D., and Dr. Frank Heglund, Bemidji, Minn.

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TELEPHONE: 373-5193  
NOVEMBER 17, 1972

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
November 19-25

- Sun., Nov. 19---St. Paul Student Center Galleries: Tie dyes by Vim Maguire, through Nov. 27; Photography by Jerry Greig, through Nov. 29; Stitchery, acrylics and metal by Arlen Olson, through Nov. 30. St. Paul Student Center. Hours: Mon.-Sat. 8 a.m.-10 p.m., Sun. 12 noon-10 p.m. Free.
- Sun., Nov. 19---Jaques Gallery: "The Art of Francis Lee Jaques," through Nov. 27. Bell Museum of Natural History. Hours: Mon.-Sat. 9 a.m.-5 p.m., Wed. 9 a.m.-9 p.m., Sun. 2-5 p.m. Free.
- Sun., Nov. 19---University Gallery: Studio Arts Faculty Exhibition, through Dec. 17. Northrop aud. Hours: Mon.-Fri. 11 a.m.-4 p.m., Sun. 2-5 p.m. Free.
- Sun., Nov. 19---Films, "Castles Made of Sand," "The Pond and the City" and "Paddle to the Sea." Bell Museum of Natural History. 2:30 and 3:30 p.m. Free.
- Sun., Nov. 19---University of Minnesota Marching Band Indoor Concert. Northrop aud. 3 p.m. Tickets available in 105 Northrop and at Dayton's.
- Sun., Nov. 19---University Theatre: American premiere of the Ethiopian play "Oda-Oak Oracle." Shevlin arena theater. 3:30 p.m. Final performance.
- Mon., Nov. 20---Wilson Gallery: "The Book and Its Cover: An Exhibit of Fine Bindings," through Nov. 4 72 Wilson Library. Hours: Mon.-Fri. 8 a.m.-5 p.m. Free.
- Mon., Nov. 20---University of Minnesota Jazz Ensemble. North Star ballroom, St. Paul Student Center. 12 noon. Free.
- Mon., Nov. 20---University Artists Course: Garrick Ohlsson, Pianist. Northrop aud. 8 p.m. Tickets available at 105 Northrop and Dayton's.
- Tues., Nov. 21---Film, "Twilight Zone." North Star ballroom, St. Paul Student Center. 12:15 p.m. Free.
- Fri., Nov. 24---University Theatre: "Lock Up Your Daughters," a British musical. Scott hall aud. Performances Nov. 24, 25, 29 and 30 and Dec. 1 and 2 at 8 p.m. and Nov. 28 and Dec. 3 at 3:30 p.m. Tickets available at Scott hall ticket office and Dayton's.

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NOVEMBER 17, 1972

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

'U' CARDIOLOGIST  
RECEIVES AWARD  
FROM HEART ASSN.

(FOR IMMEDIATE RELEASE)

DALLAS, Texas --- Dr. Howard B. Burchell, professor of medicine and chief of cardiology at University of Minnesota Hospitals, was cited Thursday (Nov. 16) by the American Heart Association for his "extraordinary achievements" in the advancement and practice of clinical cardiology.

Dr. Burchell, who spent much of his career at the Mayo Clinic, will receive the James B. Herrick Award at a dinner of the Council on Clinical Cardiology.

Active on many AHA committees, Dr. Burchell was also editor of the AHA's official journal, "Circulation," for five years.

The Herrick Award is named for a pioneer cardiologist who first defined coronary thrombosis, a blood clot that blocks an artery supplying the heart.

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(A1-5, B1)

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NOVEMBER 17, 1972

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

WANGENSTEEN LIBRARY  
TO BE DEDICATED AT 'U'

(FOR IMMEDIATE RELEASE)

The Dr. Owen H. Wangensteen Historical Library of Biology and Medicine -- 20,000 volumes dating back to the 15th Century -- will be dedicated Tuesday (Nov. 21) at the University of Minnesota.

Dr. Wangensteen, professor and chairman emeritus of surgery, was the driving force behind the library's evolution into an outstanding collection.

Another floor was added to the Diehl Hall Bio-Medical Library in 1964 to provide space for the rare books, an exhibit and reception area, a work room and reference collection, and offices for the library staff and history of medicine faculty.

Specialty areas within the collection include medical Americana, surgery, ophthalmology, cardiology, anatomical works, herbals and mushrooms.

Students, friends and colleagues of Dr. Wangensteen have been invited to the 3:30 p.m. dedication and reception following on the fifth floor of the Diehl Hall Bio-Medical Library.

-UNS-

*Exclusives*

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UNIVERSITY OF MINNESOTA  
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NOVEMBER 20, 1972

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

'U' PROF TO ATTEND  
SOVIET SEMINAR

(FOR IMMEDIATE RELEASE)

Frank Wilderson, assistant dean of the University of Minnesota's College of Education, has been invited to spend three weeks in the Soviet Union as a participant in a seminar on the education of handicapped children.

Scheduled to begin Saturday (Nov. 25), the seminar is the first in a series of exchanges of specialists in education under the terms of the 1972 Agreement on Exchanges and Cooperation between the United States and the Soviet Union.

The seminar will serve as a forum for exchange of recent information and techniques in the education of handicapped children from pre-school to secondary-school age.

Wilderson's wife, Ida-Lorraine Wilderson, will accompany him. A child development specialist for the Greater Minneapolis Day Care Association, she will study pre-school and early childhood education programs in the Soviet Union.

Sponsored by the U.S. Departments of State's Bureau of Educational and Cultural Affairs and the Johnson Foundation, the seminar is scheduled to close on Sunday, Dec. 17.

-UNS-

(A1,2,3,4,5,27; B1, C1,20,21)

(FOR USE ANY TIME)

Feature story from the  
University of Minnesota  
News Service-S 68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
November 20, 1972

SCHOOLS---NOT CHILDREN---  
FAIL AT READING

by Elizabeth Petrangelo  
University of Minnesota News Service Writer

Reading failures are the fault of our schools, not our children, according to two University of Minnesota researchers.

"Most teachers are trying to teach kids how to read the wrong way," Dr. S. Jay Samuels said. "They don't put enough emphasis on perceptual training."

Samuels, an associate professor in the department of psychological foundations in education, and David LaBerge, professor of psychology, are working on a project through the Center for Research in Human Learning to solve the problem of early reading failure.

This past summer, Samuels and LaBerge were named co-recipients of a \$232,000 grant from the National Institutes of Child Health and Development (NICHD), a division of the department of Health, Education and Welfare, for research on the problem of reading failure.

"We know that, in addition to theoretical work, they are expecting us to come up with answers that have practical application," Samuels said. "We think we are close to the answers."

Many reading failures start immediately in the beginning reading tasks, at the time when reading instruction begins," he said. "Imagine trying to learn to dance from someone who takes off, dances like crazy across the floor and then says 'See how easy it is?' It's a lot easier to learn how to dance when the dance is broken down into smaller units."

(MORE)

"Or take the example of the skilled tennis player," said LaBerge. "He is not aware that his smooth game is actually a combination of little skills. He forgets that there was another time when he had to practice each skill over and over to make it automatic."

"That's what we're trying to do with reading. We are breaking the reading process into little skills and making sure the child masters each of these skills. Our basic research is providing information on effective ways to teach these reading skills," Samuels said.

"One of our concerns is with the student's ability to understand the 'language of instruction'. For instance," he said, "a teacher may say 'look at the first word in the sentence and read it to me.' The child is unable to do the right thing because he does not understand what 'sentence,' 'word,' and 'first' mean and he cannot follow these directions."

#### Children Teach Themselves

LaBerge developed a small computer---a teaching machine---to solve some of the problems children face in learning to read. This machine, which children operate themselves, gives a child the practice that he needs in making distinctions between letters and letter sounds without verbal directions. It also supplies the researchers with mathematical records on the child's progress.

"Many children are confused by similarities between letters, like the letters b, d, p and q," said Samuels. "This machine helps them to recognize the differences. It teaches what to look for that makes one letter different from another."

"Our methods have been tested in Minneapolis elementary schools," LaBerge said. "We brought our little computer to Calhoun School and used it with a group of kindergarten children who were slow readers. Using our methods, most of these children were reading better than half of the normal readers within a short time."

(MORE)

Beyond Accuracy

Another factor that adds to reading failure is that teachers don't go far enough, Samuels said. "Teachers look for accuracy, but that is not enough. To most teachers, if a kid can look at a word and say what it is, that's great because he's accurate."

"But we have to go beyond accuracy," said LaBerge. "We have to bring the kids to the point of automaticity. For instance, when you see a road sign, you immediately know what it says without concentrating. You can't stop yourself from reading it because your reading behavior is automatic. When things are automatic, they're easy."

According to Samuels, reading is actually two behaviors, recognition (the ability to decode symbols) and comprehension. "We are trying to get the decoding process so effortless that a kid can concentrate totally on comprehension."

Their work has led them to experimentation with teaching reading to mentally retarded children. "We are now looking at mentally retarded children and beginning to think they are less different from normal kids than we thought," Samuels said.

"From the tests we have conducted, we are theorizing that once they figure out the task you want them to perform, they learn just as fast as normal children. In simple terms, it just takes them longer to catch on, so we are helping them to focus their attention on the right things."

Hopefully, Samuels said, when the results of the project are published, the methods will receive wide use. "We are making an attempt to get all kids to read, not just the white kids and the rich kids, but all kids."

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(FOR USE ANY TIME)

Feature story from the  
University of Minnesota  
News Service-S 68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
November 21, 1972

### 'U' LAW STUDENTS AID INMATES

by Carol Johnsen  
University News Service Writer

You are a prison inmate about to be released. Making a new life for yourself will be difficult at best and you know that hundreds of dollars in medical bills from a former illness are waiting for you when you get out. What can you do?

Legal Assistance for Minnesota Prisoners (LAMP), a new project of the University of Minnesota's Law School Legal Aid Clinic, is attempting to deal with problems such as this. Only those prisoners who are unable to afford a private attorney are eligible for the project.

The project was made possible by a federal grant received by the University's Law School, a grant large enough to hire just two attorneys. Melvin B. Goldberg, associate professor of law, is serving as project director.

Goldberg, who came to the University from a similar position in Illinois as executive director of the Cook County Legal Assistance Foundation, Inc., says results of the LAMP project can already be seen even though work inside prisons didn't begin until last June.

"A locked box was placed inside each of the state institutions for inmates to drop requests into. At Stillwater alone, 20 per cent of the prison population has been seen or has asked to be seen by LAMP interviewers in two months," Goldberg said.

LAMP takes all types of cases except criminal problems handled by the public defender, cases where the client can pay an attorney, and cases which private attorneys, and cases which private attorneys will take on a "contingent fee" basis.

(MORE)

The largest number of claims are divorce requests, according to Goldberg. Other requests concern property recovery of all kinds, medical complaints, family eviction problems and child custody matters.

One case described by Goldberg involved a client at Stillwater prison whose wife and three children live in a Twin Cities suburb. Public Aid authorities brought charges against the wife saying the children were being neglected and suffering from malnutrition. The authorities removed one child from the home and wanted to remove the other two.

The husband in Stillwater contacted LAMP with the family's problem.

"We spoke to some members of 'Reach Out,' a group of ex-cons who provide social services for ex-cons and their families," Goldberg said, "and they arranged for a nutritionist and nurse to work with the mother and teach her how to handle her children. Now all the kids are home and the nurse and a home economist come in a couple of times a week and help on a volunteer basis."

Another case worked on by LAMP personnel had surprising results. "One prisoner was never told how he was doing in regard to his parole chances. He wanted to know why."

LAMP looked through the Minnesota statutes and found a law passed in 1911 (Sec. 243.06) stating that prisoners must be informed once a month by prison officials as to how they are doing in regard to work, study and prison demeanor.

Goldberg brought this statute to the attention of prison officials who were unaware of its existence. Now all inmates are notified of their progress on a regular basis.

When LAMP began last summer only Goldberg and two students were working on the project. Now a second attorney, James Cullen, assistant professor of law, has been hired and a second part of the program has been implemented.

(MORE)

Since the beginning of fall quarter, 15 to 20 law students have been working on the project as part of a seminar for which they will receive three credits.

Second and third-year law students will be working on every facet of each case, under supervision, according to Goldberg. He pointed out that "Legal Aid I" must be taken first by the students as a prerequisite to working on the LAMP project.

"'Legal Aid I' draws clients from the campus area where it is easier for law students to interview them as their first clients than prisoners---who are more difficult and less likely to tell everything if they aren't interviewed properly," he said.

The students involved with the LAMP project interview prisoners, prepare and sometimes plead cases and help write appeals. Under the "Third Year Practice Rule" issued by the Minnesota Supreme Court, third-year law students can argue certain cases in front of a judge under the supervision of a licensed legal-aid attorney.

LAMP is also receiving assistance from outstate attorneys who help with some cases when LAMP personnel are unable to travel across the state.

Prisoner response to the project has been widespread and prison authorities are happy with LAMP's presence in the institutions, according to Goldberg.

In speaking of the project, State Corrections Commissioner David Fogel said, "The LAMP program fits very well into my philosophy of developing a justice model on which to base correctional rehabilitation programs. Prisoners have many civil disabilities and few resources for their resolution. LAMP is a step in the right direction.

"In the last analysis," he continued, "LAMP teaches felons to use the law to achieve changes in their life circumstances without resort to fraud, force or violence. It teaches law-abiding behavior---and that's what the department of corrections is all about."

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NOVEMBER 21, 1972

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NEWSMEN: For further information  
contact SHARON HAWKINS, 373-5193

U OF M ENSEMBLES TO  
PRESENT FREE CONCERTS

(FOR IMMEDIATE RELEASE)

Four University of Minnesota ensembles will combine to present two free concerts of 20th-century music.

They will perform Wednesday, Nov. 29, in the Buetow Music Center auditorium at Concordia College, St. Paul, and Saturday, Dec. 2, at Northrop auditorium on the University campus. Both concerts will be at 8 p.m.

The program will include "Integrales" by Edgard Varèse, performed by the First Minnesota Moving and Storage Warehouse Band, under the direction of Thomas Lancaster; Varèse's "Ionisation," performed by the University Percussion Ensemble, directed by Stephen Schultz; and Elliot Carter's "Sonata," performed by Sharon Naze (flute), William Banovetz (oboe), Susan Marvin (cello) and Twyla Meyer (harpsichord).

The University Concert Choir and Chamber Singers will join the instrumentalists to conclude the program with Igor Stravinsky's "Symphony of Psalms," conducted by Thomas Lancaster.

-UNS-

(A1-5,25; B1)

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
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NOVEMBER 22, 1972

NEWSMEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

ANTI-WAR MOVEMENT  
ALIVE AND WELL AT 'U'

(FOR IMMEDIATE RELEASE)

Coordinators of two anti-war groups knew that a recent demonstration which began on the University of Minnesota campus was going to be a small one.

And it was small. Fewer than 500 people marched Nov. 18 from the campus to downtown Minneapolis for the anti-war rally.

The turnout for the rally was small nationally, too, with about 2,000 demonstrating in New York City and 250 in Los Angeles.

The coordinators for the two groups predict that the news media will now begin saying that the anti-war movement is dead.

"The press has announced from time to time that the movement is dead," said John Linder, a freshman at the University and a coordinator for the Student Mobilization Committee (SMC).

"They said it after the elections in 1968 and the massive demonstrations in the spring of 1970 shattered that myth."

Dave Riehle, a former student and coordinator for the Minnesota Peace Action Coalition (MPAC), agreed.

"The anti-war movement has never developed on a continuum. It's had all sorts of ebbs and flows and this is one of the hard times," he said.

Riehle feels that the mass media have given people the mistaken impression that all that remains of the war in Indochina is "the shuffling of a few papers and the signing of a few treaties.

"But the war is not over and we're going to have to tell people that even if no one else does," he added.

(MORE)

Both SMC and the Peace Action Coalition put little faith in the Nixon administration's promise of an early peace settlement.

The position taken by both groups is that the war will not be over until every troop and every piece of war material is brought home.

As the war becomes increasingly automated and troops are brought home its personal impact on the American people becomes lessened, Riehle said.

The lessening of personal involvement and statements about a possible settlement of the war have confused the public about the whole issue, the anti-war coordinators feel.

"People are really not clear on what's going on," Riehle said. "There have been so many false hopes raised in the past about ending this war. And the latest peace proposals came out right before a national election."

Linder said the recent rally demonstrated that there are some people who have not been taken in by the latest peace plan.

"And we're going to keep organizing and keep the movement alive until we see all the troops out of Southeast Asia," he said.

Although they feel the rally was important, both SMC and MPAC and a third group, Committee of Concerned Asian Scholars, have been devoting at least half their efforts to educational programs designed to give a historical and humanistic perspective on the war.

MPAC has been working with church groups and labor unions to build grass-roots anti-war sentiment.

"Most of our effort this fall has been educational, on the air war and the history of attempted peace settlements in past cease fires," Riehle said. "We've expanded our educational work a lot."

(MORE)

He added that MPAC has no trouble convincing people---it's reaching them that's the problem with the group's limited resources.

Linder said SMC also has been working on educational programs.

"We're sponsoring a series of anti-war classes this fall and we've put on programs at high schools and colleges in the region," he said.

Linder said SMC has found large numbers of students "willing to work very hard to end this war" and added that SMC membership is larger this year than last.

The Committee of Concerned Asian Scholars (CCAS) has been concentrating on two efforts designed to raise people's consciousness about the war, according to CCAS member and graduate student Mike Lander.

"We have a series of presentations which we can take to high schools and we're pushing for a Southeast Asia department at the University," Lander said.

He added that CCAS at this point is looking for "little victories" such as being invited by high schools to make presentations on such things as heroin traffic from Southeast Asia.

Riehle said the educational efforts of the anti-war groups will pay off in two ways: the movement is putting down roots in the community which can be mobilized later, and, as people gain an historical and human perspective of Vietnam they will no longer be able to pass off the conflict as a series of statistics.

So the anti-war groups continue to work quietly, broadening the base of their anti-war efforts and, when necessary, organizing protests to keep the issue before the public.

And if their quieter efforts make it appear from time to time that the anti-war movement has dissipated that doesn't worry John Linder.

"The analysts can say what they want, but there's going to be no 'new mood on campus' until that war is ended," he said.

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UNIVERSITY OF MINNESOTA NEWS EVENTS  
(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
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NOVEMBER 22, 1972

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

EDUCATION AUTHOR TO  
SPEAK AT U OF M

Jonathan Kozol, nationally known education critic and author, will speak on the prospects for modern education Monday (Nov. 27) on the University of Minnesota's Minneapolis campus.

Kozol is the author of the books "Death at an Early Age" and "Free Schools" and an outspoken critic of American education systems.

Scheduled to begin at 2:15 p.m. in 170 Physics building, his speech will be followed by a question-and-answer period.

Kozol's appearance, sponsored by the College of Education and the Education Student Assembly, is free and open to the public.

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U OF M ARTIST  
TO EXHIBIT WORK

An exhibit of drawings and paintings by artist Sean McLaughlin will open Monday (Nov. 27) in the Coffman Union west gallery on the University of Minnesota Minneapolis campus.

Titled "Celebrations and Leavetaking," the exhibit will include paintings, drawings and common objects taken from the artist's studio.

The exhibit will open at 7 p.m. and will run until Friday, Dec. 15.

The gallery is open to the public from 9 a.m. to 5 p.m. Monday through Friday without charge.

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NOVEMBER 22, 1972

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
Nov. 26-Dec. 2

- Sun., Nov. 26---St. Paul Student Center Galleries: Tie dyes by Vim Maguire, through Nov. 27; Photography by Jerry Greig, through Nov. 29; Sitchery, acrylics and metal by Arlen Olson, through Nov. 30. St. Paul Student Center. Hours: Mon.-Sat. 8 a.m.-10 p.m., Sun. 12 noon-10 p.m. Free.
- Sun., Nov. 26---Harriet Biblin, piano recital. Scott hall aud. 2 p.m. Free.
- Sun., Nov. 26---Jaques Gallery: "The Art of Francis Lee Jaques," through Nov. 27. Bell Museum of Natural History. Hours: Mon.-Sat. 9 a.m.-5 p.m., Wed. 9 a.m.-9 p.m. Sun. 2-5 p.m. Free.
- Sun., Nov. 26---University Gallery: Studio Arts Faculty Exhibition, through Dec. 17. Northrop aud. Hours: Mon.-Fri. 11 a.m.-4 p.m., Sun. 2-5 p.m. Free.
- Sun., Nov. 26---Shelley Singer, piano recital. Scott Hall aud. 8 p.m. Free.
- Mon., Nov. 27---Wilson Gallery: "The Book and Its Cover: An Exhibit of Fine Bindings," through Nov. 472 Wilson Library. Hours: Mon.-Fri. 8 a.m.-5 p.m. Free.
- Mon., Nov. 27---Coffman Gallery: Drawings and paintings by Sean McLaughlin, through Dec. 15. Coffman Union. Hours: 9 a.m.-5 p.m. Mon.-Fri. Free.
- Mon., Nov. 27---Jane McKinnon, "There Never was Enough Space," discussion on the development of parks, North Star ballroom, St. Paul Student Center. 12:15 p.m. Free.
- Mon., Nov. 27---Collegium Musicum. University Baptist Church. 8 p.m. Free.
- Tues., Nov. 28---Jaques Gallery: Pen and ink drawings of bird nests by David Parmalee, through December. Bell Museum of Natural History. See hours above. Free.
- Tues., Nov. 28---University Theatre: "Lock Up Your Daughters," a British musical. Scott hall aud. Performances Nov. 29 and 30 and Dec. 1 and 2 at 8 p.m. and Nov. 28 and Dec. 3 at 3:30 p.m. Tickets available at Scott hall ticket office and Dayton's.
- Tues., Nov. 28---University Artists Course: Royal Winnipeg Ballet, also Wed., Nov. 29. Northrop aud. 8 p.m. Tickets available at 105 Northrop and Dayton's
- Wed., Nov. 29---University of Minnesota ensembles present a concert of 20th-century music. Beutow Music Center, Concordia College, St. Paul, 8 p.m. Also Dec. 2, Northrop aud. 8 p.m. Free.

(10RE)

CALENDAR

-2-

- Thur., Nov. 30---Lecture: Dr Karlis Kaufmanis, "Star of Bethlehem." North Star Ballroom, St. Paul Student Center. 12 noon. Free.
- Thur., Nov. 30---Electrical Engineering Colloquium: "Solar-Thermal Power Systems" by E.R.G. Eckert, University of Minnesota and R. Schmidt, Honeywell, Inc. 108 Mechanical Engineering. 4:15 p.m. Free.
- Thur., Nov. 30---Film, "Bonnie and Clyde." North Star ballroom, St. Paul Student Center. 8 p.m. Admission \$1.50.
- Fri., Dec. 1---St. Paul Student Galleries: "Southwest Sketches" by Louis Safer; Metal sculptures by James E. Larson, through December. St. Paul Student Center. See hours above. Free.
- Fri., Dec. 1---Wilson Gallery: "Brazil and Her Neighbors: 1500-1800," through December. 472 Wilson Library. See hours above. Free.
- Fri., Dec. 1---U. Film Society: "Falstaff" and "The Sudden Riches of the Poor People of Kambach," also Sat., Dec. 2. Bell Museum of Natural History. 7:30 and 9:30 p.m. Admission charge.
- Sat., Dec. 2---Leo Hock, MFA organ recital. Grace University Lutheran Church. 8 p.m. Free.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 27, 1972

MTR  
N47  
8A4P

NEWSMEN: For further information  
contact GLORIA ANTHONY, 373-7517

U OF M LIBRARY RECEIVES  
ORIGINAL COPY OF 'SOUNDER'

(FOR IMMEDIATE RELEASE)

The Kerlan Collection in Walter Library at the University of Minnesota has been given the holograph (hand-written manuscript) of "Sounder," by its author, William Howard Armstrong.

"Sounder" received the 1970 Newberry Award as the most distinguished literature for children published in 1969.

The award, accompanied by a bronze medal, was granted by the American Library Association Children's and Young People's Section. The book has recently been produced as a film.

The Kerlan Collection now has Italian, Danish and British editions of the book and will acquire Japanese, Swedish, Finnish, German, Norwegian and Czechoslovakian translations as they are published.

In addition, Armstrong has given to the Kerlan Collection several typescripts of "Sounder," as well as manuscript materials for his books, "Barefoot in the Grass," "The Story of Grandma Moses," "Esther," "The Orphan Queen," "The Mac Leod Place" and "Sour Land."

A research center for children's books, the Kerlan Collection has original illustrations for 2,000 books and manuscripts for 1,000 books, as well as 27,000 children's books.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 27, 1972

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

PROSTATE CANCER SIMULATOR  
GIVEN TO TEACHING HOSPITALS

(FOR IMMEDIATE RELEASE)

Devices which simulate the stages of prostate cancer---the third leading cause of death from cancer in men over 55---have been given to the urology departments at the University of Minnesota and three other teaching hospitals in the state.

The Prostate Palpitation Simulator, designed and presented by Merrill-National Laboratories, closely duplicates the tissue texture and anatomic detail of a human male to assist medical students and young physicians in distinguishing between a benign gland and a malignancy.

"Prostatic cancers are frequently detectable by rectal palpitation of the prostate gland," according to Dr. Elwin Fraley, chief of urology at University Hospitals.

"However symptoms do not appear until the advanced stages of the disease and only five per cent of all patients with symptoms are good candidates for a cure when first seen by a physician.

"Early detection of the disease is of utmost importance," he said. "Because of the small number of patients usually seen by a physician in the early stages of the disease new medical students or physicians in training have an opportunity to feel early prostatic carcinoma."

The simulator, which was also presented to St. Paul Ramsey Hospital, the Veterans Administration Hospital in Minneapolis, and the Mayo Clinic in Rochester uses four example glands to simulate the natural progression of the tumor from the stage where it is operable and potentially curable to more advanced stages.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 27, 1972

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

REGISTRATION OPEN FOR  
U OF M WOMEN'S CLASSES

(FOR IMMEDIATE RELEASE)

Mail registration is now open for winter courses offered through the University of Minnesota's Women's Programs.

Beginning Wednesday, Jan. 3, courses for college credit will be offered in child psychology, american studies, history, composition, humanities, music and psychology.

Courses without credit will also be offered in the art of well-being, psychology for everyday problems, new worlds of knowledge, creative writing, speech and feminine psychology.

All courses are open to everyone. In-person registration will be held on Tuesday, Dec. 19, at MacPhail Center, 1128 LaSalle Ave., Minneapolis.

For registration materials, write to Women's Programs, 200 Westbrook Hall, University of Minnesota, Minneapolis, Minn. 55455 or call 373-9743.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 27, 1972

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

NEW COMPUTER SYSTEM  
TO AID BIO-MED LIBRARY

(FOR IMMEDIATE RELEASE)

The Vio-Medical Library at the University of Minnesota has received a \$361,729 three-year grant to develop a computer system to handle all their regular processing functions.

The library has already automated the checking in and cataloging of 2,500 periodicals coming to the Library.

Library staff will be developing additional techniques and procedures for book ordering and accounting, cataloguing and circulation control of reference aids.

Glenn Brudvig, Bio-Medical Library director, said the system, developed under the auspices of the National Library of Medicine, would eventually be adapted into a University-wide library system.

-UNS-

(A1,2,4,8,12,B1,5)

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
TELEPHONE: 373-5193  
DECEMBER 1, 1972

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
December 3-9

- Sun., Dec. 3---St. Paul Student Center Galleries: "Southwest Sketches" by Louis Safer; Metal sculptures by James E. Larson, through December. St. Paul Student Center. Hours: Mon.-Sat. 8 a.m.-10 p.m., Sun. 12 noon-10 p.m. Free.
- Sun., Dec. 3---Jaques Gallery: Pen and ink drawings of bird nests by David Parmalee, through December. Bell Museum of Natural History. Hours: Mon.-Sat. 9 a.m.-5 p.m., Wed. 9 a.m.-9 p.m., Sun. 2-5 p.m. Free.
- Sun., Dec. 3---University Gallery: Studio Arts Faculty Exhibition, through Dec. 17. Northrop aud. Hours: Mon.-Fri. 11 a.m.-4 p.m., Sun. 2-5 p.m. Free.
- Sun., Dec. 3---Films: "Tales of Hiawatha," "Canon," and "The Birth of a Red Kangaroo." Bell Museum of Natural History. 2:30 and 3:30 p.m. Free.
- Sun., Dec. 3---University Theatre: "Lock Up Your Daughters," a British musical. Scott hall aud. 3:30 p.m. Final performance.
- Mon., Dec. 4---Wilson Gallery: "Brazil and Her Neighbors: 1500-1800," through December. 472 Wilson Library. Hours: Mon.-Fri. 8 a.m.-5 p.m. Free.
- Mon., Dec. 4---Coffman Gallery: Drawings and paintings by Sean McLaughlin, through Dec. 15. Coffman Union. Hours: 9 a.m.-5 p.m. Mon.-Fri. Free.
- Mon., Dec. 4---Minnesota Monday Series: "American Indians in Minnesota History" by Dr. Roger Buffalohead. North Star ballroom, St. Paul Student Center, 12:15 p.m. Free.
- Tues., Dec. 5---Cartoon festival. North Star ballroom, St. Paul Student Center. 12:15 p.m. Free.
- Fri., Dec. 8---Chinese Puppets. Coffman Union main ballroom. 12 noon. Free.
- Fri., Dec. 8---Lecture: "Effective Mental Health Services for American Blacks" by Dr. James Curtis, Cornell University Medical College. Mayo aud. 12:15 p.m. Free.
- Sat., Dec. 9---Children's Christmas Party. North Star ballroom, St. Paul Student Center. 2-4:30 p.m. Free.

-UNS-

Newsman: complete copies of the survey and report are available on request to the News Service.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 HOPRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 1, 1972

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NEWSMEN: For further information  
contact VALENTIE CUNNINGHAM, 373-7516

MOST METRO AREA CITIZENS  
APPROVE OF 'U', SURVEY SHOWS

(FOR IMMEDIATE RELEASE)

A recent survey of metropolitan-area residents found 69 per cent of those surveyed are satisfied or more than satisfied with the University of Minnesota.

And the man who interpreted the survey found that it is people's beliefs about what they think is going on on campus that have the strongest influence on how they regard the University.

People who believe that most professors are hard-working and sincere are likely to be satisfied with the University.

But people who believe there are many subversive activities going on and that radicals have considerable power are least likely to be satisfied.

"I think that's interesting," said Donald Biggs, associate professor of educational psychology, who wrote the survey and its report with graduate student William Barnhart. "People seemed to be guided by the work ethic and a concept of Americanism---if they think people over here are hard-working, then they approve of the University."

Biggs reported that other factors---such as socio-economic background, number of visits to campus or conservative views on freedom of expression and dissent on campus---were nearly unrelated to the satisfaction issue.

Out of a randomly selected sample of 373 citizens in the Twin Cities metropolitan area, an overwhelming majority (88 per cent) believe that most students are generally serious and hard-working. And most (79 per cent) believe professors are sincere and hard-working.

(MORE)

However, 21 per cent believe many subversive activities are going on at the University with 39 per cent undecided.

These factors contributed to the finding that most are satisfied with the University, with the way students conduct themselves (81 per cent), with the faculty (67 per cent) and with student morality (60 per cent).

The public is less satisfied with the administration (60 per cent approve) and less than half (47 per cent) are satisfied with the handling of cases of student misconduct.

The survey, conducted by the office of Student Life Studies, delved into attitudes about freedom of expression and dissent on campus. An important finding was that such attitudes varied with the issue.

Most agreed that the University should offer the widest variety of viewpoints without official endorsement but many would limit that freedom in specific cases.

About half (53 per cent) said they would fire a history professor if he were a member of the Communist Party and only 47 per cent thought gay student groups should be allowed to meet on campus.

Increasingly active means of dissent brought increasing opposition from the citizens surveyed. Most (71 per cent) would approve the goals of students holding a meeting about civil rights, but only 55 per cent would support the same goals after a sit-in and 51 per cent would support it after students occupied a building.

However, a majority (66 per cent) supported the goals of students protesting the Vietnam war even if they were occupying buildings and destroying property. But only 26 per cent would support goals of students holding a sit-in to protest Army recruiters on campus while 55 per cent would support goals of students sitting-in to protest racial discrimination.

The survey also turned up the fact that most people have considerable contact with the University but seldom through formal instruction or research services.

(MORE)

For the most part citizens have recreational, informal and interpersonal experiences such as attending a concert, play or sports event, visiting campus, talking with members of the campus community or visiting University hospitals as a patient or visitor.

Most (83 per cent) said they'd never taken a day-school class and 75 per cent had not attended night school.

Biggs found it surprising that 26 per cent of those polled listed students as their major source of information about the campus. More people (43 per cent) listed newspapers as their major source and 20 per cent listed radio or television.

The persons polled were heads of households randomly selected from phone books. The sample was fairly representative of the metropolitan area except for a slight under-representation of women and students, Biggs said.

Some specific areas examined by the survey, and response in percentages, include:

	very or probably true	undecided	probably or definitely false
The State Legislature has considerable power in determining what policies the U will follow	42	26	31
Most U professors try to influence students' political and social viewpoints	27	30	42
Many courses and programs offered at the U have little or no relation to the real world	24	24	53
Militant student radicals have considerable power at the U	28	28	44

(Rounding off accounts for totals more or less than 100 per cent.)

Biggs also found that urban citizens may not understand either the role of professors or the way the University handles student misconduct and suggested further study in these areas.

The report is part of an on-going project by Biggs to find how citizens relate to the University. He plans to follow it up with a survey of rural residents.

UNIVERSITY OF MINNESOTA  
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DECEMBER 5, 1972

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NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

U OF M RECEIVES  
POLITICAL SCIENCE GRANT

(FOR IMMEDIATE RELEASE)

The University of Minnesota's School of Public Affairs and department of political science have been awarded a \$75,000 grant from the National Science Foundation.

The grant will be used to finance an institute for college teachers of political science during the summer of 1973. A large part of the grant money will be used to support the participants during the institute.

The institute will be the only one in the country designed to give college teachers information on the techniques of economic analysis used in the study of public policy and demonstrate teaching materials and methods for policy studies now being used in undergraduate political science programs.

Professor James E. Jernberg, School of Public Affairs, will direct the institute with Professor Charles Walcott and Professor Sheilah R. Koeppen of the political science department.

Thirty faculty members from two- and four-year colleges are expected to attend.

-UNS-

(A1,2,3,4,5; B1; C1)

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE S-68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 5, 1972

NEWSMEN: For further informa-  
tion contact BILL HUNTZICKER,  
373-7512

MEMO TO NEWSMEN

The monthly meeting of the University of Minnesota Board of Regents will be at 9:30 a.m. Friday (Dec. 8) in room 490 of the Entomology, Fisheries and Wildlife building on the St. Paul campus.

The Regents will hear a presentation on the College of Agriculture.

At their committee meetings on Thursday (Dec. 7), the Regents will hear a presentation on the Mayo Medical School at 1 p.m. in the Dale Shephard Room in Coffman Union, a discussion on the Rural Development Act of 1972 at 2 p.m. in 626 Coffman, and a presentation by the University News Service at 3 p.m. in 624 Coffman.

Routine matters are expected to be discussed at the meetings of the other committees: budget, audit and legislative relationships at 2 p.m. in 624 Coffman and physical plant at 3 p.m. in 626 Coffman.

-UNS-

(A1,A2;B1)

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE S-68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 6, 1972

NEWSMEN: For further information  
contact JUDY VICK, 373-7515

PRESIDENT MOOS TO  
SPEAK AT BRAINERD JC

(FOR IMMEDIATE RELEASE)

University of Minnesota President Malcolm Moos will visit Brainerd  
Monday, (Dec. 11).

This is one in a series of trips to outstate Minnesota by the Univer-  
sity president for the purpose of making Minnesotans more aware of the  
services and programs offered by the University.

Moos will discuss state-wide concerns for continuing education at  
a 3 p.m. informal meeting with area educators and other interested persons  
at Brainerd Junior College and at a public talk at 7:30 p.m. in the college  
auditorium.

The visit to Brainerd is sponsored by Brainerd Junior College, the  
University of Minnesota Parents' Association, the Minnesota Alumni Asso-  
ciation and the local chapter of the American Association of University  
Women.

-UNS-

(A1-5;B1;C1)

(FOR RELEASE ANY TIME)

Feature story from the  
University of Minnesota  
News Service-S 68 Morrill Hall  
Minneapolis, Minnesota 55455  
Telephone: 373-5193  
December 6, 1972

MTR  
N47  
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HUMAN RELATIONS TRAINING  
HELPS TEACHERS UNDERSTAND

by Elizabeth Petrangelo  
University News Service Writer

Albert is black, 11 years old and still in the fourth grade. He was in the fourth grade last year too. He is listless in the classroom, fails to do his homework and sometimes falls asleep at his desk.

Albert's teacher is white, 25 and from a middle-class background. She doesn't understand Albert. He seems to be intelligent but he appears unconcerned about his grades. Albert's teacher has her best days when Albert is not in school.

Albert's school principal is white, 52 and preoccupied. He doesn't understand Albert either. He also doesn't understand why Albert's teacher can't reach Albert.

There is obviously a problem here, but what is not so obvious is what the problem is and how it can be dealt with.

R. Eugene Briggs, director of the University of Minnesota's Human Relations Training Workshop, is working to help teachers understand these kinds of problems.

This past year, the Minnesota State Department of Education passed a regulation requiring all teachers to complete a course in human relations training before they can be recertified.

Several colleges in the state are offering human relations training workshops and each school district in the state may go with the college of its choice.

The regulation states that the purpose of the training must be to train teachers and school administrators in the arts of communicating with and understanding children of all ethnic groups and social backgrounds. Briggs added the task of training teachers how to understand and communicate with each other.

(MORE)

"How can people teach kids if they can't work together?" he said. "Kids are like little sponges. They pick up conflict. If a teacher doesn't like the principal, they know that. If one teacher is warring with another teacher across the hall, they know that too."

"We have to take a look at our whole educational system," he said. "As I go out to teach at different schools, I see that something is drastically wrong. There are teachers out there who hate children. They should have been weeded out long ago."

This fall, Briggs organized the graduate workshop in human relations training. The workshop is conducted in the schools instead of on the University campus. Teachers spend five hours a week for 10 weeks learning how to understand people from different backgrounds.

"The program is flexible," said Briggs. "We have ten basic units to offer each school, but we gear each workshop to the particular school. For instance, some administrators say 'We have no black kids in our school. Why do we have to take the black unit?' That's the best reason there is for them to take the black unit."

The workshop includes units on communication, racism, the low-income family, gay liberation, women's liberation, Chicanos and American Indians. Each teacher-student keeps a journal of his reactions to the units and his feelings about human relations in general.

Briggs draws teachers to teach each unit from throughout the community. Some are students, some are University faculty members and some are community group leaders. Briggs travels to each of the participating schools to teach the racism unit himself.

"Don't get uptight when someone calls you a racist," Briggs told a group of teachers at St. Anthony High School during their racism unit recently. "Realize it and deal with it."

"You've got to learn how to get out there and scrap. When you see an injustice and you do not speak out, you are part of the problem. If you sit in school and listen to people talk about 'niggers' and 'those poor people getting rich off welfare'

(MORE)

and 'those faggots' and don't say anything, you are responsible.

"You don't have to go to Selma to march. You can march on the capitol here, on your own neighborhood, on your husband or on your wife. All the while you've lived here and taught, do you realize what we've done to the Indians in this state? That's racism, people. You've got to get involved."

Briggs then had the teachers do an exercise in free association. He wrote the words "white male, Chicano male, Indian males, black male and women" on the blackboard and had the teachers call out descriptive words for each category as they came to mind.

Responses to "white male" included "jealous, superior, smart, clean, protective, Christian, honest, brave, true, shrewd, rich and bigoted;" "black male" got "dirty, athlete, militant, egotistical, rhythm, cool, opiated, masculine, colorful and speed;" "woman" was "sexy, sensitive, soft, Playboy, emotional, mother, quiet, industrious, oppressed, loving, tender, unnecessary, weak, nice and understanding."

Briggs then told the class to go down each list and choose the words that were positive, those that were negative and those that were stereotypes. The class agreed unanimously very infrequently.

"You call it positive to say all black men are athletic?" asked Briggs. "That's a stereotype. I am a black man and I don't know which end of a football to throw."

The men in the class did not agree with "oppressed" as a legitimate description of women. "The women are paid the same as the men in this school," said one man.

"Of course they're paid the same," Briggs said. "But how many female principals do you have? How many female coaches? And isn't there extra money in coaching? Look around you. There's a revolution coming. If all the women stayed home from work just one day, we'd never catch up again."

"Don't think you're complimenting anyone by saying all women are sexy either," Briggs said. "That's another stereotype. Women are no more and no less sexy than men."

(MORE)

At the end of the five hour class one student offered this suggestion: "Maybe at our last class, we could bring some soul music and teach each other to dance."

"That's good," Briggs said. "This class should not end in two weeks. You should be doing these things together. You've got to get to know and respect each other."

Briggs sees the program as an example of what he calls the "pearl effect." "Human relations training can be like the irritant in a clam that forms a pearl," he said. "There are many good people out there teaching. They just need a new direction."

-UNS-

(A1-5;A27;B1;C1,C20)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE S-68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 7, 1972

MTR  
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8A4P

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

'U' OPENS RESOURCE  
CENTER ON YOUTH

(FOR IMMEDIATE RELEASE)

The Center for Youth Development and Research (CYDR) at the University of Minnesota has opened a resource center for all persons interested in the problems of youth.

According to Gisela Konopka, director of CYDR, the center offers a wide range of material on adolescence and contains information on group homes, unwed teen-aged parents, group work with adolescents, new methods of social studies education, several of the center's own publications and information on reference material not located at the center.

The center is open to the general public from 8:30 a.m. to 12 noon and 1 to 4:30 p.m. Monday through Friday and is located in room 304 Walter Library on the University's Minneapolis campus.

A division of the Center for Urban and Regional Affairs, CYDR is an interdisciplinary program aimed at bringing together knowledge and skills from all disciplines and professions to better understand and work with youth.

For additional information, contact Terry Anderson, resource center coordinator, at 376-7624.

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(A1-5, A13, A19, A27; B1, B10; C1)

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE S-68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
TELEPHONE: 373-5193  
DECEMBER 7, 1972

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
December 10-16

- Sun., Dec. 10---St. Paul Student Center Galleries: Watercolors by Francis R. Meisch, through Jan. 3; Recent works by Florence Hill, through Jan. 5; "Southwest Sketches" by Louis Safer, Metal sculptures by James E. Larson, through December. St. Paul Student Center. Hours: Mon.-Sat. 8 a.m.-10 p.m., Sun. 12 noon-10 p.m. Free.
- Sun., Dec. 10---Jaques Gallery: Pen and ink drawings of bird nests by David Parmalee, through December. Bell Museum of Natural History. Hours: Mon.-Sat. 9 a.m.-5 p.m., Wed. 9 a.m.-9 p.m., Sun. 2-5 p.m. Free.
- Sun., Dec. 10---University Gallery: Studio Arts Faculty Exhibition, through Dec. 17. Northrop aud. Hours: Mon.-Fri. 11 a.m.-4 p.m., Sun. 2-5 p.m. Free.
- Sun., Dec. 10---Films: "Dr. Breckenridge-Diomedes Island," "The Hidden World of Insects," "What on Earth," and "White-throat." Bell Museum of Natural History. 2:30 and 3:30 p.m. Free.
- Mon., Dec. 11---Wilson Gallery: "Brazil and Her Neighbors: 1500-1800," through December. 472 Wilson Library. Hours: Mon.-Fri. 8 a.m.-5 p.m. Free.
- Mon., Dec. 11---Coffman Gallery: Drawings and paintings by Sean McLaughlin, through Dec. 15. Coffman Union. Hours: 9 a.m.-5 p.m. Mon.-Fri. Free.
- Fri., Dec. 15---University Artists Course: "The Nutcracker Fantasy." Northrop aud., 8 p.m. Also Sat., Sun., Dec. 16, 17, 3 p.m. Tickets available at 105 and 106 Northrop and Dayton's.

-UNS-

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 8, 1972

NEWSMEN: For further information  
contact VALERIE CUNNINGHAM, 373-7516

STASSEN TO RECEIVE HONORARY  
DEGREE AT 'U' COMMENCEMENT

(FOR IMMEDIATE RELEASE)

Harold E. Stassen, former governor of Minnesota and unsuccessful candidate for other elective offices, will deliver the commencement address at the University of Minnesota on Wednesday (Dec. 13) at 7:30 p.m.

Stassen, 65, will be presented with an honorary doctor of law degree by University President Moos during the ceremony in Northrop Auditorium. Stassen is the forty-ninth recipient of an honorary degree from the University.

Stassen, at 31, was the nation's youngest governor when he was elected in 1938; he was reelected in 1940 and 1942. After failing to get the presidential nomination in 1948 he became president of the University of Pennsylvania from 1948 until 1953.

He held several appointive posts under Presidents Roosevelt and Eisenhower, including delegate to the San Francisco conference which wrote the United Nations charter, director of the Mutual Security Program and disarmament assistant. He later ran unsuccessfully for the Republican nomination for President, for governor of Pennsylvania and mayor of Philadelphia.

Stassen received his bachelor of arts and bachelor of law degrees from the University and several honorary degrees from other universities. Since 1958 he has been a member of the Philadelphia law firm of Stassen, Kephart, Sarkis and Scullin.

He will deliver the commencement address to 1,400 degree candidates, including 396 master's degree candidates and 193 doctor of philisophy candidates.

The commencement will be followed by a President's reception in the main ballroom of Coffman Union.

-UNS-

(A1-5, B1, C1, E6, E4, D12)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 8, 1972

MTR  
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grip

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

U OF M WOMEN'S PROGRAMS  
TO SEEK MALE PARTICIPANTS

(FOR IMMEDIATE RELEASE)

Women's Programs at the University of Minnesota is seeking more male participants, according to Edith Mucke, program coordinator.

"People of all ages and backgrounds attend our courses," Mrs. Mucke said. "The addition of male students would make the program even more diverse."

This winter quarter, Women's Programs will be offering several new courses and workshops including "America's Search for Community," a four-credit American studies course which will compare a New England Puritan community, a Shaker community, an emerging industrial town and the modern city.

Taught by Denis O'Pray, assistant to the chairman of the American studies department, the course will meet Tuesday mornings from 9:30 until noon, Jan. 9 through March 20, at MacPhail Center in downtown Minneapolis. Tuition for the course is \$56.

"Our Worlds of Knowledge," a non-credit seminar, will consider forms of music, structures of family and society in Latin America, the shape of the city and creativity in the classroom. The course will meet Thursday mornings from 9:30 until noon, Jan. 11 to March 15, at the St. Paul south area branch YMCA.

Gerald Metz, a poet and instructor for the department of English, will lead a non-credit workshop in poetry and short fiction writing from Jan. 22 to Feb. 26. Offered at MacPhail Center, the workshop will meet Monday mornings from 9:30 to 11. The fee is \$30.

Registration may be made for all courses by mail. Write to Women's Programs, 200 Wesbrook Hall, University of Minnesota, Minneapolis, Minn. 55455. In-person registration will be held at MacPhail Center on Dec. 19.

-UNS-

(A1,2,3,4,5,21,27;B1,8;C1)

UNIVERSITY OF MINNESOTA NEWS NOTES

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
TELEPHONE: 373-5193  
DECEMBER 12, 1972

MTR  
N 47  
g A 4 p

(For more details, contact News Service writer whose name is given by each item.)

**SNYDER TO TEACH  
HOME LANDSCAPING** (Elizabeth Petrangelo)

Leon Snyder, director of the University of Minnesota Landscape Arboretum, will lead the seminar, "The Art of Landscaping Home Grounds," from Jan. 8 to Feb. 12 at MacPhail Center in downtown Minneapolis.

The lectures will cover basic landscape design, various types and uses of trees, shrubs, garden flowers, evergreens and ground cover, and the maintenance of landscape plantings.

Tuition is \$30. To register, write to Women's Programs, 200 Wesbrook Hall, University of Minnesota, Minneapolis, Minn. 55455.

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**'U' PROFESSOR'S  
ART ON DISPLAY** (Nancy Pirsig)

An exhibit of water colors by a chemistry professor is now showing at University National Bank.

The pictures, depicting the West bank area of the University of Minnesota, will be on display through December. They were painted by John Overend, chemistry professor at the University.

\*\*\*

**'U' HOSPITALS DIRECTOR  
NAMED TO AHA COMMITTEES** (Bob Lee)

John Westerman, general director of University of Minnesota Hospitals, has been re-appointed to two committees of the American Hospital Association.

They are the Joint Committee with the American Psychiatric Association and the Committee on Mental Health Institutions and Services.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 12, 1972

MTR  
WCT  
RAY

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO, 373-7513

'U' AWARDS CERTIFICATES  
TO HEAD START TRAINEES

(FOR IMMEDIATE RELEASE)

The University of Minnesota's second class of Head Start program trainees will receive certificates in early childhood studies Friday (Dec. 15) at Nolte Center for Continuing Education on the Minneapolis campus.

Twelve students will be receiving certificates. All are full-time Head Start staff members and most are from low-income areas.

Scheduled to begin at 8 p.m., the ceremonies will include remarks by Gerald Lindskog, Head Start assistant regional training officer; Judy Nustad, Head Start director for the Scott-Carver Economic Council; George Sue Williams, Head Start director for Ramsey Action Programs and Estelle Griffin, regional training officer.

William Hoffman, director of continuing education in social work, will present the certificates.

The Head Start Supplementary Training Program was begun at the University four years ago as a means of upgrading Head Start staff members' training to improve the education of children enrolled in the Head Start program.

-UNS-

(A1,2,27;B1)

*Indiv.*

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-C 62 BERRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 14, 1972

NEWS EN: For further information  
contact NANCY PIRSIG, 373-7510

HELLER IS PRESIDENT-ELECT  
OF AMERICAN ECONOMIC ASSOCIATION

(FOR IMMEDIATE RELEASE)

Walter W. Heller, professor of economics at the University of Minnesota, is president-elect of the American Economic Association, it was announced today in Nashville, Tenn., headquarters of the organization.

The association will hold its annual meeting Dec. 27 to 30 in Toronto, Ont., where the 1973 president will be installed. He is Nobel-prize-winner Kenneth J. Arrow, professor of economics at Harvard University. The 1972 president has been Harvard Professor John Kenneth Galbraith.

When he takes office a year from now, Heller will be the first president in the last five years not from Harvard or Yale.

The 17,000-member association is "the leading economic organization in the world," according to Rendigs Fels, its secretary-treasurer, and includes economists from business and government as well as educational institutions.

-UNS-

(A1-5, 15, B1, C1, D13, E13)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
TELEPHONE: 373-5193  
DECEMBER 14, 1972

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
December 17-23

Sun., Dec. 17---St. Paul Student Center Galleries: Watercolors by Francis R. Meisch, through Jan. 3; Recent works by Florence Hill, through Jan. 5; "Southwest Sketches" by Louis Safer, Metal sculptures by James E. Larson, through December. St. Paul Student Center. Hours: Mon.-Sat. 8 a.m.-10 p.m., Sun. 12 noon-10 p.m. Free.

Sun., Dec. 17---Jaques Gallery: Pen and ink drawings of bird nests by David Parmalee, through December. Bell Museum of Natural History. Hours: Mon.-Sat. 9 a.m.-5 p.m., Wed. 9 a.m.-9 p.m., Sun. 2-5 p.m. Free.

Sun., Dec. 17---University Gallery: Studio Arts Faculty Exhibition, final day. Northrop aud. Hours: Mon.-Fri. 11 a.m.-4 p.m., Sun. 2-5 p.m. Free.

Sun., Dec. 17---Film: "Wolves and the Wolfmen." Bell Museum of Natural History. 2:30 and 3:30 p.m. Free.

Sun., Dec. 17---University Artists Course: "The Nutcracker Fantasy." Northrop aud. 3 p.m. Tickets available at 105 and 106 Northrop and Dayton's.

Mon., Dec. 18---Wilson Gallery: "Brazil and Her Neighbors: 1500-1800," through December. 472 Wilson Library. Hours: Mon.-Fri. 8 a.m.-5 p.m. Free.

-UNS-

(A1-6, B1)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 21, 1972

MTR  
N47  
8 A4P

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

'U' PHARMACY COLLEGE  
GETS NEIGHBORHOOD HEALTH  
CARE CENTER STUDY GRANTS

(FOR IMMEDIATE RELEASE)

The College of Pharmacy at the University of Minnesota has received a \$60,000 grant to provide pharmaceutical services at three neighborhood health care centers in St. Paul.

The two-year National Institutes of Health grant will be used to send students to the West Side Neighborhood Clinic, the Martin Luther King Center and the Helping Hand Health Center and to restructure part of their curriculum.

The college also received a \$10,000 grant from Northlands Regional Medical Program to study the cooperative arrangement between Helping Hand Health Center and two community pharmacies.

The study's objectives are to analyze the economic feasibility of providing drugs to low-income patients on a sliding fee scale and to determine the degree of patient cooperation in a program of prescribed drug therapy.

-UNS-

(A14, A8, A27; B5, A1, A2, : B1)

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 21, 1972

NEWSMEN: For further information  
contact CAROL JOHNSEN, 373-5193

REGISTRATION OPEN FOR  
CHILDREN'S ART CLASSES

(FOR IMMEDIATE RELEASE)

Registration is now open through Jan. 1 for winter quarter children's art classes at the University of Minnesota's Institute of Child Development.

The 10 sessions will be held Saturday mornings from 10 a.m. to 12:30 p.m. Jan. 13 through March 17, culminating in an art exhibit for parents and friends of the students.

Professor George K. Olson and Mary Hiniker of the University's art education department will supervise the program which will be taught by graduate students in the department.

Fee for the course is \$15. Enrollment is limited and preference is given to children who have not previously enrolled in an art class at the institute.

For further information and to register contact the institute at 373-2390.

-UNS-

(A1,2,4,5; B1)

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE S-68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 21, 1972

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO,  
373-7513

U OF M PROGRAM TO TRAIN  
FAMILY DAY CARE PARENTS

(FOR IMMEDIATE RELEASE)

Family day-care parents in Ramsey, Dakota and Washington counties will be able to learn more about the care of young children this winter in their own homes.

Beginning Tuesday, Jan. 9, the University of Minnesota will offer a TV training program, "Preparing Children for the 21st Century," on KTCA-TV, Channel 2, for families that offer day-care in their homes.

The course, which will be shown from 8:30 to 9 p.m. for 11 weeks, is designed to help family day-care parents understand how children develop. Units will be offered on the importance of creativity, imagination, emotion, cooperation and growth in children, and ways in which children can be taught self-esteem, self-confidence and responsibility for their own actions.

"Despite the widespread use of family day-care, the quality of this care is shockingly uneven," said Esther Wattenberg, director of the Office of Career Development. "The purpose of this training project is to improve the quality of family day-care offered to children of working parents whose care is paid for chiefly by federal funds."

Parents will also participate in group discussions held in their own neighborhoods by University faculty members trained to deal with the problems of day-care parents. A telephone hotline will be open after each class to offer referrals and advice on child-care problems.

A limited number of scholarhsips are available to family day-care parents living in Ramsey County.

For further information and to register, contact the Office of Career Development, Room 300, 1507 University Ave. SE., Minneapolis, Minn. 55455 or call 373-3491.

(A1,2,3,4,13,27;B1)

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE S-68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 21, 1972

MTR  
N47  
8 A4 P

NEWSMEN: For further information  
contact ELIZABETH PETRANGELO,  
373-7513

U OF M SCHOOL PSYCHOLOGY TRAINING  
PROGRAM RECEIVES ACCREDITATION

(FOR IMMEDIATE RELEASE)

The University of Minnesota school psychology training program has been notified by the American Psychological Association Committee (APA) that it has been awarded accreditation.

Operating under the National Commission on Accreditation, the APA committee is authorized to accredit training programs in school psychology, counseling and clinical psychology.

According to Marion D. Hall, director of the University program, the school psychology programs at Minnesota, Columbia University, N.Y., and the University of Texas are the first three to receive accreditation.

Extensive program review and a site visit last spring preceded the notice of full accreditation this month.

-UNS-

(A1,2,4,5,27;B1,10;E4)

NOTE TO EDITORS: Pictures of the telescope are available upon request. Indicate interest on the enclosed card.

(FOR RELEASE AT 10 A.M., DEC. 22)

Feature story from the University of Minnesota News Service-S 60 Morrill Hall Minneapolis, Minnesota 55455 Telephone: 373-5193 December 22, 1972

MTR  
N47  
g A4p

HEAVY HYDROGEN DISCOVERY IN SPACE  
COULD CHANGE THEORIES OF UNIVERSE

By Bill Hafling  
University of Minnesota Science Writer

More than 1500 light years away from Earth is a cold ( - 321°F.) gaseous cloud of hydrogen containing deuterated hydrocyanic acid. Several light years in diameter, the cloud is around 20,000 years old. (One light year equals 5,880,000,000,000 miles.)

Though the presence of the cloud itself has been known for many years, the discovery of deuterium in the cloud---in completely unpredicted quantities---may challenge long-held theories of the formation of elements and the Universe.

Data supporting the surprising find was presented to the "Sixth Texas Symposium on Relativistic Astrophysics" in New York City today (December 22, 1972) by Phillip M. Solomon, associate professor of astrophysics at the University of Minnesota.

Solomon told the nearly 1000 scientists in attendance that the ratios of deuterium to hydrogen in the acid of the "Orion nebula molecular cloud" are "40 times greater than the ratio found in terrestrial water."

"This extremely large abundance of deuterium cannot be accounted for by any known process of element formation including stellar nucleosynthesis or a 'big bang' model," Solomon said.

Deuterium, a heavy form (isotope) of hydrogen, was discovered on Earth in 1932 by Urey, Brickwedde, and Murphy.

Considered an extremely rare substance until this time, deuterium occurs in ordinary water on Earth at about one atom per 3200 molecules of water. Man-made "heavy water" containing high percentages of deuterium is commonly used in nuclear fusion experiments.

(MORE)

"In the past three years alone, more than 25 molecules have been identified in our galaxy, 'The Milky Way,' using radio telescopes," Solomon said. "It is becoming apparent that our galaxy has a very complicated organic chemistry of which science has a very limited theoretical understanding.

"One of the major implications of the existence of this chemistry is that chemical evolution occurs throughout our galaxy, in all clouds that have condensed to form stars. Organic molecules exist in widespread regions. This has been a very exciting find because, though it doesn't necessarily imply that life exists all over our galaxy, it implies that the kind of chemistry that may lead to life takes place readily throughout our galaxy."

"I'm pretty confident that such basic building blocks of life as amino acids exist in such clouds. The new subject which studies this, interstellar chemistry, is only three or four years old."

Using the 36-foot antenna of the National Radio Astronomy Observatory at Kitt Peak, Arizona, Solomon, with Bell Telephone Laboratory Researchers Wilson, Penzias and Jefferts, analyzed the chemistry of the Orion cloud on the basis of characteristic radio microwave patterns generated by the molecules in it.

Consisting of a large antenna for collecting weak radio signals emitted by celestial objects, radio telescopes are similar in principle to optical telescopes. Radio telescopes observe radio waves rather than light and thus can be used for analysis 24 hours a day.

#### RE-EXAMINING THE THEORY

"If we are observing a fair sample of deuterium, then we do need new theories for the origin of elements and of the Universe. But it's possible that there may be chemical processes that enrich the particular sample we're looking at.

"The total deuterium abundance may not be as high as it appears from an analysis of hydrocyanic acid. In that case the existing theories of the formation of elements may be correct. Our finding would then tell something about the chemical reactions going on at very low temperatures in these clouds.

(MORE)

"No matter how we slice it, one theory or another is going to have to be modified. It may not be that the 'big bang' theory is going to have to be modified, although it's still an entirely open possibility. If we find high fractions of deuterium in its atomic form, another possible experiment, then it will indeed necessitate a revision of the theories of the origin of the elements."

Solomon's just-completed technical paper, "Interstellar Deuterium: Chemical Fractionation," co-authored with Professor Neville J. Woolf, director of the University of Minnesota Observatory, examines the theoretical possibilities in detail.

In this paper, two astronomical experiments are proposed to further examine the theoretical implications of the finding. One is a study of cloud temperature to see if this has an effect on the chemical ratio found. The other is a study of other molecules such as water or formaldehyde to see if these show different ratios of deuterated to hydrogenated forms.

The present finding was considered so unusual when first made in October, 1972, that another series of careful observations were conducted, using more highly refined techniques and involving two completely independent groups of data.

## SUPPLEMENTARY INFORMATION

### HEAVY HYDROGEN DISCOVERY---USEFUL TERMS TO KNOW

(If this were a baseball story we wouldn't have to do this, but more people follow baseball than astronomy. The terms, however, are no more difficult than those used in any sport story---once you get used to seeing them.)

DEUTERATED--(as in deuterated hydrocyanic acid) Containing heavy hydrogen, deuterium, in the chemical formula or in the molecule.

HYDROCYANIC ACID--An acid ordinarily composed of hydrogen and cyanide. Here, the molecule is composed of deuterium and cyanide.

NEBULA--Luminous patches or areas of the sky; also includes dark areas of matter such as that referred to in this story, detectable by use of radio rather than visual methods.

ORION NEBULA--The Orion Nebula is located "behind" the "Orion nebula molecular cloud." The Orion Nebula, difficult to see with the naked eye, is the only nebula which may be seen from the U.S. or Europe---appearing as a greenish-yellow haze in the night sky.

ASTROPHYSICS--The application of physics to astronomy. Astrophysicists study the nuclear processes taking place within various stars by analyzing the various types of energy (heat, light, radio) coming from them.

"BIG BANG"--Roughly, the idea that the entire Universe was once held together in a large sphere of matter which exploded, scattering matter---planets, stars, etc.---helter-skelter through space. (See Science Magazine, Dec. 17, 1971, for full explanation.

NUCLEAR CHEMISTRY--Study of reactions that produce new chemical elements.

STELLAR--Having to do with stars. (see the entertainment page for common daily usage)

STEADY STATE THEORY--An alternative theory of the Universe not mentioned in the story. The idea that the Universe, from beginning through eternity, has been in the same steady state with new galaxies constantly being formed as old ones fade into infinity.

ISOTOPES--Elements occurring in more than one form (e.g. heavy or light) with the same chemical properties but different atomic weights.

GALAXY--Organized systems of stars, star clusters, gas and dust such as the Milky Way. A nebula is one of many components in a galaxy.

NUCLEOSYNTHESIS--Actually several theories exist, but essentially has to do with the formation (of a star) beginning with the fusion of two hydrogen nuclei to form one nucleus of heavy hydrogen. This is then joined with another hydrogen nucleus to form the light isotope of helium, and the process continuing until four hydrogen nuclei have been converted into one nucleus of helium at the same time that energy is released. The sun (a star) is supposed to be kept going by converting hydrogen into helium in this way.

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UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 22, 1972

NEWSMEN: For further information  
contact JUDY VICK, 373-7515

COFFMAN GALLERY TO SHOW  
NATURE PHOTOGRAPHY

(FOR IMMEDIATE RELEASE)

Nature photography by James Lloyd Wells will be exhibited in Coffman Gallery at the University of Minnesota Monday, Jan. 8, through Jan. 28.

There will be a public reception Jan. 8 from 7 to 9 p.m. The gallery in Coffman Union is open to the public with no admission charge Monday through Saturday from 8 a.m. to 8 p.m. and Sunday from noon to 8 p.m.

The showing will include 25 color prints by Wells, director of the Washington County Library System. He received his bachelor's degree from Minnesota in 1966 and graduated from the University's Library School in 1967.

"The influences of weather, light, insects and animals on plants as they lead towards death and prepare for new life are subjects of most of these photographs," Wells said. No artificial lighting or filtration was used either in the initial exposure or in the printing process.

-UNS-

# NATURE

# PHOTOGRAPHY

In Western civilization there is a widespread disregard of natural process, and when attention is given it is often to a distorted and exaggerated view of nature focusing on peaks of colorful, flowering, "life". We have so insulated ourselves from nature that we do not recognize the complete cycle, new life firmly rooted in death and proceeding through constant changes to a new death. We have lost the essential understanding and acceptance of our place in the cycle.

Traditional nature photography has most often isolated and idealized objects at various "peaks" of life and has disregarded the change and decay which are so essential to the natural process. I have become concerned with photographing the beauty of these times of change and decay. The influences of weather, light, insects, and animals on plants as they lead towards death and prepare for new life are subjects of most of these photographs.

All prints were made from color negatives and in the printing I have tried to remain as faithful as possible to the original scene. Unusual natural lighting was often chosen to emphasize changes taking place in or influences on the subject. No artificial lighting or filtration was used either in the initial exposure or in the printing process. All photographs were taken in summer and fall of 1972.

*You are invited to attend the preview reception  
Coffman Gallery – University of Minnesota  
Monday Evening, January 8, 7–9 PM*

by jim wells

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 29, 1972

MTR  
N47  
8A4P

NEWSMEN: For further information  
contact NANCY PIRSIG, 373-7510

MEMO TO NEWS PEOPLE

Happy New Year! And thanks.

The News Service staff got a real Christmas-y glow from your spontaneous support for our stand of objectivity in giving University news and information. Be assured no policy changes are contemplated.

Here is a list of our staff members and their beats, plus office and home numbers, which you may wish to keep near your phone.

NEWS SERVICE STAFF

VALERIE CUNNINGHAM 373-7516 331-8424	CAROL JOHNSEN 373-7511 644-3184	LIZ PETRANGELO (Peterson) 373-7513 226-3598
BILL HAFLING 373-7514 644-3113	JOHN KALBRENER 373-7518 646-1676	NANCY PIRSIG 373-7510 644-3184 <u>or</u> 644-3748
BILL HUNTZICKER 373-7512 378-1364	BOB LEE 373-5830 645-9870	JUDY VICK 373-7515 824-3544

General News Service phone number: 373-5193

BEATS or areas of responsibility (partial)

AAUP	Huntzicker	Law	Huntzicker
Administration, central	Huntzicker	Liberal arts	Vick
Arts and entertainment	Vick	Police	Petrangelo
Business administration	Huntzicker	Radio-TV coverage	Kalbrener
Drugs and drug use	Hafling	Regents' meetings, Univ. Senate & T.C. Assembly	Huntzicker
Education, College of	Petrangelo	Science (all but health sci.)	Hafling
Experimental City	Hafling	Students, Office of Student	Cunningham
Extension, continuing ed.	Petrangelo	Affairs	
Films for TV	Johnsen	Theater	Vick
Graduate School, ASTRA	Huntzicker	TV coverage	Johnsen
Health sciences	Lee	Women's rights	Cunningham

-UNS-

(A1-5, B1, C1)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 29, 1972

MTR  
N47  
gA4p

NEWSMEN: For further information  
contact BILL HUNTZICKER, 373-7512

U OF M BUYS USED  
TWIN-ENGINE AIRPLANE

(FOR IMMEDIATE RELEASE)

University of Minnesota officials announced today that the University has sold one airplane and purchased another in the last two months.

The University sold its single-engine Piper Comanche in November for \$18,777 and purchased a twin-engine Piper Aztec for \$50,500 through a negotiated sale from Northern Airmotive of Minneapolis, according to James F. Brinkerhoff, vice president for finance, planning and operations. Nearly a dozen equivalent airplanes were evaluated during the selection process.

The five-passenger 1968 Aztec was purchased with money from a flight facilities depreciation fund collected as part of the charge to each University department which uses the airplanes, Brinkerhoff said.

The Aztec is identical to another plane owned by the University and officials said that having two similar planes will reduce maintenance costs. A negotiated sale allows the University to purchase used equipment. If a new plane had been purchased, bids would have been sought and the cost would have been more than \$100,000, Brinkerhoff said.

The two Aztecs and an eight-passenger Beechcraft King Air are the three planes which the University now owns for transporting faculty members and administrators around the state. All three planes are now equipped for all-weather flying. The Comanche was not equipped for flying in adverse weather conditions.

During fiscal 1971-72, University airplanes flew a total of 493 times for more than 70 University departments. Most of the trips were for the administration, health sciences and agriculture.

Brinkerhoff said the change in airplanes was planned several months before two University officials were killed in a November crash of a small private plane near Duluth, but that travel policies are being evaluated as a result of the crash.

The University also owns five small planes which are used for flight instruction.

-UNS-

(A1-5, B1, C1)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 29, 1972

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

'U' STARTS NEW  
NURSING PROGRAM

(FOR IMMEDIATE RELEASE)

A pilot project to prepare registered nurses to assist physicians in delivering adult and geriatric care has been started by the University of Minnesota.

The five-month School of Public Health program expands the role of nurses with recent work experience to provide increased preventive and health-care services to the adult population, particularly in areas where such services are limited.

Included in the curriculum are classroom and clinical-practice learning experiences in history taking, physical examination skills, indications for lab and X-ray exams, and nursing management of patients with minor acute illnesses and stabilized chronic illnesses. Clinical-practice experience is supervised by physicians; classroom material is provided by traveling nursing faculty members from the University.

Nine students already are enrolled: one in Forest Lake, two in Thief River Falls, one in Mahanomen, and five students in the Twin City area. Employment sites vary: hospital, nursing home, public health nursing agency, private physician's office, clinic, outpatient department, and school of nursing.

-UNS-

(A8, B5, C4, C1, E11, A1-5, B1)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE-S 68 MORRILL HALL  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 29, 1972

MTR  
N47  
8A4P

NEWSMEN: For further information  
contact JUDY VICK, 373-7515

MAA GALLERY TO EXHIBIT  
'U' PROFESSOR'S WORKS

(FOR IMMEDIATE RELEASE)

An exhibit of mixed media works by Tom Slettehaugh, associate professor of art education at the University of Minnesota, will open Sunday, Jan. 7, at the Minnesota Artists Association Gallery, 1012 Marquette Av., Minneapolis.

There will be a reception from 2 to 5 p.m. Jan. 7.

The gallery is regularly open to the public with no admission charge from 11 a.m. to 4 p.m. Monday through Saturday. This exhibit will be up through Jan. 31.

The exhibit of approximately 35 works will include pottery, collages, paintings, prints, sculpture, and other mixed media works.

Slettehaugh, who has had several exhibits in Europe as well as many in the United States, uses media to develop his creative ideas. Using natural and unnatural objects in his assemblages, Slettehaugh visualizes ideas such as "Instant Pollution" with refuse and fungi impregnated in a blanket of polyester resin. Many objects from nature are included in his works. He also uses household objects---such as an old quilt which he has spray painted, a 1951 Esquire calendar preserved in polyester resin, and marshmallows, which he has used in a work depicting the pelting of a political official.

Slettehaugh, who was born in Minneapolis, joined the University faculty in 1970 after teaching at Albert Lea high school, South Dakota State Teachers College, Penn State University, Slippery Rock State College, Frostburg State College in Maryland, and Mississippi State College for Women. He has bachelor's and master's degrees from Minnesota and a doctorate from Pennsylvania State University.

He has lectured at many art education conferences in the United States and Europe. His most recent exhibit was at the University of Bucharest in Romania in September. He has been invited to exhibit in Budapest, Hungary in 1973.