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UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 1, 1974

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

FOUR U OF M RESEARCHERS
WIN CANCER INSTITUTE GRANTS

(FOR IMMEDIATE RELEASE)

Four University of Minnesota medical researchers have received grants totaling \$243,556 from the National Cancer Institute.

Dr. James Ausman of the neurosurgery department received \$38,913 to study factors influencing tumor therapy.

Dr. William Krivit of the pediatrics department received \$67,582 to continue the University leukemia center's platelet transfusion program.

Dr. Mark Nesbitt, also of pediatrics, received \$92,413 to continue his study of chemotherapy for children with cancer.

Dr. Edmund Yunis, who is with the laboratory medicine and pathology department, received \$37,113 to continue examining immunologic factors in spontaneous mammary cancer.

-UNS-

(A1-5, 8; B1, 5; C1, 4)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 1, 1974

MTK
N 47
2 A4P

NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

U OF M TO OFFER
SUPPER SEMINAR

(FOR IMMEDIATE RELEASE)

The European origins of the American people and how they have affected the American experience will be probed in a two-part Sunday supper seminar at the University of Minnesota Oct. 13 and 27.

Offered by the University's program in continuing education for women, the series is open to anyone and requires no academic background.

Both sessions will run from 4:30 until 8 p.m. and include supper.

Reactions to German-American immigration in Minnesota will be the topic of the first session and Norwegian immigration and Scandinavian literature and language will be discussed during the second session.

Both sessions will stress the concept of cultural pluralism which has replaced the "melting pot" theory as a definition of American society.

Faculty for the program includes Sr. John Christine Wolkerstorter, College of St. Catherine department of history; Christian Skerjvold, director of the Minneapolis public schools task force on ethnic studies, and Roger McKnight, University of Minnesota Scandinavian department.

Fee for the series, which will meet in the faculty dining room at the St. Paul campus Student center, is \$17.50.

To register, contact Continuing Education for Women, 200 Wesbrook Hall, University of Minnesota, Minneapolis, Minn. 55455 or call 373-9743.

-UNS-

(A1,2,4,5,10,21;B1,8;C1)

UNIVERSITY OF MINNESOTA
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MINNEAPOLIS, MINNESOTA 55455
OCTOBER 1, 1974

MTB
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3/1/74

NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

WOMEN'S EDUCATION PIONEER
TO BE HONORED BY U OF M

(FOR IMMEDIATE RELEASE)

A nationally recognized leader in the development of women's education programs will be presented with the University of Minnesota's Outstanding Achievement Award Saturday (Oct. 5).

Jane B. Berry, assistant dean of continuing education for the University of Missouri, Kansas City, will receive the award from University of Minnesota Regent Loanne Thrane at 1 p.m. at the Decathlon Club.

The Outstanding Achievement Award is the highest honor given to alumni of the University who have achieved eminence and distinction.

Berry, one of the first women in the country to be appointed to a deanship in university extension, earned a bachelor of arts degree from the University in 1944. She holds a master's degree from George Washington University and a doctor of education degree from Columbia University.

Berry founded the continuing education program for women at the University of Missouri in 1961 and has published widely in employment, counseling and continuing education for women.

She is a member of the editorial board of "Women Today" and the executive council of the National Coalition for Research for Women's Education and Development.

Berry has also initiated women's programs in nearly all areas of rural and urban Missouri.

-UNS-

(A1,2,4,5,10,21;B1;C1;E29)

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9/24/74

UNIVERSITY OF MINNESOTA
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OCTOBER 1, 1974

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-UNS-

(A1,2,4,5,10,21;B1,8;C1)

UNIVERSITY OF MINNESOTA
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OCTOBER 1, 1974

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

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-UNS-

(A1-5,8;B1,5;C1,4)

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OCTOBER 1, 1974

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-UNS-

(A1,2,4,5,10,21;B1;C1;E29)

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UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 3, 1974

NEWS PEOPLE: For further information
contact JUDY VICK, 373-5193 or
JULIE GAY, 376-4815

BUTLER LECTURE ON DECORATIVE ARTS
TO HIGHLIGHT UNIVERSITY VICTORIAN SERIES

(FOR IMMEDIATE RELEASE)

Joseph T. Butler, author and educator in the antique and art fields, will present a special lecture at the University of Minnesota Friday, Oct. 11.

The lecture on the English decorative arts of the Victorian period and their revival in America will highlight a series of lectures planned in conjunction with the University's festival on "The Mind and Art of Victorian England."

The Butler lecture, like all others in the series, will begin at 8 p.m. in the West Bank Auditorium Classroom building. Admission to the Butler lecture is \$2.50 for the general public and \$1 for students.

All other lectures in the series will be admission free on Thursday evenings, Oct. 3 through Dec. 5.

The series includes the following topics and speakers:

Oct. 3, "Victorian England: The Self-Conscious Society," Jerome H. Buckley, Harvard University; Oct. 10, "Victorian Narrative Paintings," Melvin Waldfogel, University of Minnesota; Oct. 17, "Art Criticism and Eminent Victorians," George P. Landow, Brown University; and Oct. 24, "Victorian Architecture," Phoebe B. Stanton, John Hopkins University.

Oct. 31, "Literature As Art," Robert Langbaum, University of Virginia; Nov. 7, "Literature As Mind," David DeLaura, University of Pennsylvania; Nov. 14, "Religion: The Warfare of Conscience with Theology," Josef L. Altholz, University of Minnesota; Nov. 21, "Social and Political Thought," John Robson, University of Toronto; and Dec. 5, "Science By Candlelight," Leonard Wilson, University of Minnesota.

Tickets for the Butler lecture can be obtained by mail from the Victorian Lecture Series, 180 Wesbrook hall, University of Minnesota, Minneapolis, Minn. 55455.

-UNS-

(A1-5,6,12,21;B1;C1,3,19,20,21)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 3, 1974

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

HODGKINS DISEASE AUTHORITY
TO SPEAK AT U OF MINNESOTA

(FOR IMMEDIATE RELEASE)

A physician who has written an authoritative book about Hodgkins Disease will speak at the University of Minnesota Thursday, Nov. 14.

Dr. Henry S. Kaplan, who wrote "Hodgkins Disease" in 1972 based on 20 years personal experience and 10 years of clinical trials at Stanford University, will deliver the Ethel N. Ruvelson Lecture at 4 p.m. in Unit A 2-620 in the health sciences complex.

A former chairman of the radiology department at Stanford's medical school and currently the Maureen Lyles D'Ambrogio Professor of Radiology, Kaplan will discuss "Radiobiologic Studies Underlying Modern Advances in the Radiotherapy of Hodgkins Disease."

Kaplan is noted for his pioneering studies in the biologic and biochemical effects of radiation, for his adaptation of the linear accelerator for medical purposes, and the development of effective radiotherapy techniques for treating Hodgkins Disease and other malignant lymphomas.

He discovered that the genetic material DNA is the target molecule in the cell for radiation effects, and demonstrated that radiation exposure or chemicals can trigger a latent virus which induces leukemia in animals.

More recently, Kaplan and his associates have been working with Stanford physicists to develop a prototype superconducting linear accelerator for hospital use.

This accelerator will produce a stream of negative subnuclear particles called pi mesons which, theoretically, should be six to twelve times more effective for treatment than other types of radiation.

-UNS-

(A2, 8, 22; B1, 5)

UNIVERSITY OF MINNESOTA NEWS EVENTS

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
TELEPHONE: 373-5193
OCTOBER 3, 1974

(For more details, contact News Service writer whose name is given by each item.)

NIGERIAN STUDENTS TO CELEBRATE INDEPENDENCE (Ronaele Sayre)

A Nigerian dinner, a lecture, movie, dance and symposium are among the activities scheduled for the 14th anniversary observance of Nigerian independence by a University of Minnesota student group this Saturday and Sunday (Oct. 5 and 6).

The Minnesota Chapter of the Nigerian Students Association is sponsoring the celebration which will begin with a dinner and lecture at 6 p.m. Saturday at Luther Hall, 1813 University Ave. SE. Yakuba Abdul Azeez, editor of the Nigerian Herald, will discuss "Nigeria Towards Civilian Regime in 1976." His lecture will be followed by the movie, "Pride of the Nation."

The evening's activities will conclude with a dance featuring the Shangoya, a Caribbean musical group. Tickets for the dinner, lecture, movie and dance are \$5 per couple, \$3 single and \$1.50 for children under 12 and are available at the Minnesota International Student Association Office, 229 Coffman Union, and the International Student Advisor's Office, 717 E. River Road. Information is available by calling 373-5247.

Martin Luther King Center, 270 Kent St., St. Paul, will be the site for a symposium on education and growth in developing countries at 3 p.m. Sunday.

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'UNION NIGHT' TO BE AT COFFMAN UNION (Bob King)

"Union Night," a night of music, comedy, film, crafts and lectures, is scheduled for 8 p.m. Friday, Oct. 11, in the University of Minnesota's Coffman Union.

The event is designed to acquaint students and the public with the variety of programming offered by the Coffman Union Program Council during the year.

Performers for the six-hour program include singer and guitarist Michael Johnson, the comedy team of Moondogg and Muledeer, the Uchawi Afro-dancers and the Illusion Mime Theatre.

Also included in the program are various art and craft demonstrations, lectures, discussions, a ski film, and the movie "Bananas," starring Woody Allen.

Tickets are \$3.50 in advance for students and \$4.50 for the general public at the door.

(FOR RELEASE ANY TIME)

Feature story from the
University of Minnesota
News Service , S-68 Morrill Hall
Telephone: (612) 373-5193
October 4, 1974

MITK
W47
3 A4p

ELMS SUCCUMB
AS BLIGHT ADVANCES

by Mike Finley
University of Minnesota Staff Writer

"It was the most desirable tree to grow on campus," said Jerry Tauer, University of Minnesota grounds maintenance supervisor. "It made plenty of shade, it was known for the beauty of its shape, and it grew fast."

"Also," said Tim Erkkila of the University's physical planning office, "it had a high tolerance for construction, it was durable, it lived a long time, and in the fall the leaves turned a nice yellow color."

The two men in the dialogue work together on the University's landscapes, one from the planning end, the other from the practical end. The reason they're speaking in the past tense is because they're talking about elm trees. And nowadays, because of something called Dutch elm disease--also known as elm blight--many elm trees on campus won't live to the graceful old age the original campus planners had in mind.

Tauer estimates that there are some 200 elm trees on the Minneapolis campus. In addition, many more elms grow on the St. Paul campus, the Morris campus, and the Crookston campus. None of these trees are young. Most of them were planted in their present locations in the 1920s when they were 15 to 20 years old. At that time, the elm was the ideal shade tree. It was beautiful, it was big, and it had no known natural enemies.

But in 1930, in Ohio, the first wave of the Dutch elm epidemic began. And in 1961, a short three and a half miles from the St. Paul campus, the first Minnesota case was sighted at 1237 Juliet Ave. The first incidence of Dutch elm disease on campus, according to Erkkila, occurred a few years later, when a case was reported, ominously enough; at the doorstep of the St. Paul Horticulture building.

(MORE)

Now, about 10 years later, it seems certain that practically all of the elms at the eastern edge of the Minneapolis campus, will have to be destroyed.

Dutch elm disease is fatal, and worse than that, it is highly contagious and almost impossible to contain. While it is caused by a fungus, "Ceratostomella ulmi," it is transmitted by a kind of bark beetle, "Scolytus multistriata."

First, the leaves wilt. Then they yellow and drop off prematurely. The branches die, one by one, in a process called dieback. Eventually the tree has to be felled, to lower the risk of contagion.

Not much can be done in the way of cure or prevention, Tauer said, although there are private firms that claim they can do one or the other. The state has a Dutch Elm Lab in St. Paul that reports sightings and offers recommendations. One drastic practice sometimes undertaken is to inject a serum into the tree's cortex that not only kills the infesting beetles, but also kills the tree. And there are reports that an elm blight vaccine is being developed at the University of Wisconsin.

Mild Winters Don't Help

"Perhaps the worst news for Minnesota," Erkkila said, "is that we've had two bad winters in a row, and by 'bad,' I mean mild. The one thing that has been protecting northern climates from the blight for so long has been our cold winters. While cold doesn't kill the beetle, it does slow the spread considerably."

And, Tauer said, "I'm convinced at this point that root damage and lack of moisture contribute heavily to the spread of the disease."

Tauer pointed out that a tree with a four-foot-diameter trunk requires 100 barrels of water daily. "The kind of construction going on not only here on campus but all over the city does two destructive things. First, it disturbs and often destroys the root systems of trees. Second, it breaks nature's barrier, the underground water pockets and basins that feed the trees," he said.

Erkkila said the result of this interference with the natural water-flow systems, caused by pavement and artificial surfaces throughout the city, is that the water from rainfall goes directly into gutters and storm sewers rather than into the soil, to be used by trees and other plants. The water then is dumped into the river.

(MORE)

This not only creates the danger of flooding within the city, but it also means that the water, some of which would have reached the river anyway, reaches it unfiltered, carrying all sorts of unnatural chemicals and washed-away fertilizers.

"And then people see how the algae are prospering on the additives to the rivers and lakes, and they say, 'Look how green the river is this year!' When algae thrive like that, it's usually at the expense of other members of the ecosystem."

Battle Costs Money

Money is one of the frustrating aspects of the battle against elm blight, Tauer said. Knocking down an infected tree costs about \$250, a large amount if there are 20 infected trees in a very small town. Many towns simply can't afford to do their part.

The fact that elms are susceptible to diseases doesn't make them unique. Most trees have specific disease nemeses. Oaks are susceptible to oak wilt, locust trees develop all kinds of specific cankers, and so do many other varieties of shade trees.

"In the last 10 years," Erkkila said, "we've been getting away from our dependence on elms in campus landscaping. On the West Bank, for instance, there aren't any elms. Instead, we've been experimenting with locusts, green ash trees, lindens, and Russian olives.

"The problem is," he said, "that while all these trees have their good points, they don't replace elm trees for overall shade, size, and beauty. The closest thing to the elm that we know of is the hackberry tree, and unfortunately, no one has ever been able to coax the hackberry into adapting to this kind of climate."

-UHS-

(A1-5,10;B1;C1,3,4,15)

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10/4/74
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UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
TELEPHONE: 373-5193
OCTOBER 4, 1974

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS
Oct. 6-12

- Sun., Oct. 6---The Whole Coffeehouse: Open Stage. 8:30 p.m. Free.
- Mon., Oct. 7---Concert: Michael Towers. St. Paul Student Center lounge.
Noon. Free.
- Tues., Oct. 8---Film Classic Comedies: "This is War...?" with the Marx Bros.; "Making a Living" with Charlie Chaplin; and "Coming Clean" with Laurel and Hardy. St. Paul Student Center ballroom. Noon. Free.
- Tues., Oct. 8---Meet the Artist: Coffman Union Junior Ballroom. 1-3 p.m.
Free.
- Wed., Oct. 9---Open House: St. Paul Student Center. Free coffee, rouser room, 9:30 a.m.; movies, ballroom, 10:30-12 noon; Folk music by Hinckley and Larson, lawn, 12-1 p.m.; Ice cream booth, lawn, 12-1:30 p.m.; silk screen demonstration, shop, 11:30-1 p.m.; outdoor cooking demonstration, lawn, 1-2 p.m.; film "Owl and the Pussycat," ballroom, 7:30 p.m.; old time and rock dance to the Smith Brothers, ballroom, 9 p.m. \$1.50 for both film and dance. Other events free.
- Wed., Oct. 9---U Film Society: "Far From the Madding Crowd" with Julie Christie. Bell Museum of Natural History aud. 7:30 p.m. \$1.50.
- Fri., Oct. 11---Concert: Coffman Union main lounge. Noon. Free.
- Fri., Oct. 11---U Film Society: "Sugarland Express," 7:30 p.m.; and "Badlands," 9:30 p.m. Bell Museum of Natural History aud. Also Oct. 12. \$1.50.
- Fri., Oct. 11---Union Night: Movies, Coffman Union junior ballroom; Moondogg & Muledeer Medicine Show, Whole Coffeehouse; Michael Johnson, guitar, Coffman Union main ballroom. 8 p.m. \$3.50 in advance at MSA Bookstore, \$4.50 at the door.
- Sat., Oct. 12---The Whole Coffeehouse: Moondogg & Muledeer Medicine Show. 8:30 p.m. \$1.50 in advance at MSA Bookstore, \$2 at the door.

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(A1-6;B1)

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UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 7, 1974

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

PEACE GROUPS
TO SPONSOR MEAL

(FOR IMMEDIATE RELEASE)

A sacrificial meal of rice and tea for the benefit of Vietnamese war orphans will be served at 6:30 p.m. Friday (Oct. 11) at Luther Hall, 1813 University Ave. SE. in Minneapolis.

Guests will be asked to donate what they would usually pay for an evening meal. The dinner is sponsored by the University of Minnesota chapter of the Fellowship of Reconciliation and War Resisters League.

The War Resisters League reports there are an estimated 500,000 Vietnamese orphans with another two million having lost one parent.

Following the dinner there will be a speech by Richard Deats, director of inter-faith activities for the Fellowship of Reconciliation. On Saturday (Oct. 12) there will be a panel discussion at 2 p.m. at Luther Hall on U.S. military intervention in such areas as Chile, Greece and the Middle East.

For more information call 529-3184 or 331-1328.

-UNS-

(A1-5,11,19,20,26,27;B1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 7, 1974

MTR
1047
GAP

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

UFW SUPPORTERS
CRITICIZE MAGRATH

(FOR IMMEDIATE RELEASE)

Supporters of the United Farm Workers (UFW) at the University of Minnesota have criticized President C. Peter Magrath's decision to withdraw the University's participation in the UFW lettuce and grape boycott.

At a news conference, Roberto Acosta, a junior in political science whose parents are migrant workers, called for a rally at noon Friday (Oct. 11) on the Northrop Plaza on the Minneapolis campus to oppose Magrath's position and call on the University to support the UFW boycott.

"To favor a policy of buying lettuce and grapes at the most competitive prices means to ignore the plight of the Farmworkers and favor the Teamsters," Acosta said. "The main consumers are the University students who have already voted in favor of the UFW."

A student referendum last April with 5 per cent turnout voting showed 2,406 in favor of a boycott and 306 against. Acosta said one reason for the poor turnout was that it was held on Good Friday with many students leaving the campus early for the Easter holiday.

Other UFW supporters said Monday they would like to see a referendum held again and have it binding on the University administration.

Also speaking at the news conference in support of the UFW was Father William Hunt, director of the Newman Center and a member of the Special Committee on Migrant Worker Issues, named last May by former University President Malcolm Moos.

Hunt expressed disappointment "in every respect" with Magrath's statement last week. The University, Hunt said, cannot escape it's "corporate responsibility."

(MORE)

The position taken by the University adopts a "laissez faire approach to the issue by letting everyone do what they want and if people get hurt in the process that is just the way the market works," Hunt said.

The 19-member task force,---composed of students, faculty and community representatives, supporters of the UFW, Teamsters, Minnesota Farm Bureau and fruit growers---submitted position papers of the various sides to Magrath in August.

The committee did not take a formal position on the issue at that time.

Ten members of the committee issued a statement Monday opposing Magrath's decision and declared it a "clear moral imperative: that the University stop the purchase of all non-UFW head lettuce and grapes."

Two members of the committee who supported the University position were Jack Mogelson, business agent for Teamster Local 320 and Ed Grady, representing the Minnesota Farm Bureau.

Grady said it was impossible to "ring the emotion out of the issue" and the controversy is "in no way related to the University's mission in education."

Moos had declared a moratorium on the purchase of head lettuce which was in effect from May until the Magrath decision last week.

-UNS-

(A1,2,5,11,15,20,27;B1;C1,4,19,21)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 7, 1974

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NEWS PEOPLE: For further information
contact BILL HUNTZICKER, 373-7512

MEMO TO NEWS PEOPLE

A rap session with students from the two-year University of Minnesota Technical College in Waseca will highlight October committee meetings of the University's Board of Regents.

The student concerns committee will meet at 8 a.m. Friday (Oct. 11) in the student center, the basement of the main building on the Waseca campus.

The regular monthly Regents meeting will follow at 10:15 a.m. in room 145 of the same building.

Most of the Regents' committees will meet Thursday (Oct. 10) in the Regents' room, 238 Morrill hall, on the Minneapolis campus.

A discussion of the role of the board in presenting the University's request to the 1975 Legislature will be discussed with President C. Peter Magrath at the executive committee meeting at 9:30 a.m. Thursday.

The administrative reorganization of the Duluth campus and plans to develop a University mission statement are also on the executive committee agenda.

Other committee meetings will be:

- educational policy and long-range planning, 10:30 a.m., Regents' room;
- faculty, staff and public relationships, 1 p.m., Regents' room;
- physical plant and investments, 1 p.m., 300 Morrill hall;
- budget, audit and legislative relationships, 2 p.m., Regents' room.

The budget, audit and legislative relationships committee will discuss the status of the University's legislative request.

Following that meeting the Regents will leave for Waseca where they will have a reception and dinner with the Southern Minnesota Education Association and other community leaders.

-UNS-

(A1-5;B1)

UNIVERSITY OF MINNESOTA NEWS EVENTS

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
TELEPHONE: 373-5193
OCTOBER 8, 1974

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(For more details, contact News Service writer whose name is given by each item.)

BRITISH EDUCATOR
TO SPEAK AT 'U'

(Bill Huntzicker)

The concept of a university within the home will be discussed by the dean and director of studies in the arts at just such an experimental institution in England at the University of Minnesota next week.

John Ferguson, dean of the British Open University, will speak at 1:30 p.m. Tuesday (Oct. 15) in 210 Anderson on the University's west bank campus.

The Open University provides courses through television, radio, correspondence materials and other learning aids from some 250 study centers throughout England. The university is in its fourth year and provides low-cost degree programs.

Ferguson's talk, which is sponsored by the Center for Educational Development, will be free. Ferguson is a former visiting professor at the University of Minnesota.

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U OF M TO OFFER COURSE
ON MONEY MANAGEMENT

(Elizabeth Petrangelo)

The wise use of money and credit will be the focus of a five-session course offered by the University of Minnesota this fall.

Each Tuesday afternoon beginning Oct. 29, students in the class will discuss the differences between wants and needs in spending, ways to select financial goals, means of developing contingency savings funds and general economic information.

Fee for the course, which will meet from 1:15 to 3:15 p.m. at MacPhail Center, 1128 LaSalle, Minneapolis, is \$21. A second member of the same household may sign up for the course for \$14.

To register contact, Continuing Education for Women, 200 Westbrook Hall, University of Minnesota, Minneapolis, Minn. 55455 or call 373-9743.

-UNS-

(A1-5,15,21;B1,8,12;C1)

UNIVERSITY OF MINNESOTA
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MINNEAPOLIS, MINNESOTA 55455
OCTOBER 8, 1974

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

MEMBRANE UNIT AT U OF M
GETS \$1 MILLION CANCER GRANT

(FOR IMMEDIATE RELEASE)

The Minnesota Membrane Unit, an interdisciplinary group of University of Minnesota researchers, has received a grant of more than \$1 million from the National Cancer Institute.

The grant will finance further exploration into changes in cell membranes and related cell components that may transform normal cells into malignant cells.

Directed by Dr. Nelson Goldberg, professor of pharmacology, laboratory medicine and pathology, the nine investigators come from the Medical School, the College of Biological Sciences and the Institute of Technology.

The unit has promoted the concept that the cell's outer surface acts as a switchboard that receives signals and then converts them into two special "messenger" compounds that act within the cell.

One of the compounds, cyclic AMP, was discovered by Dr. Earl W. Sutherland, Jr. at Case Western Reserve University in 1958 to act as a messenger for certain cell functions. Sutherland, who received the Nobel Prize for Physiology and Medicine in 1971, advanced the idea that a hormone interacts with a component on the cell membrane and promotes the generation of cyclic AMP (the first messenger) within the cell which tells the cell to perform a specific function.

A few years ago, Goldberg discovered that another compound very similar to cyclic AMP---cyclic GMP---exists in animal cells. During the past four years he has established cyclic GMP as another "messenger" for another group of hormones that signal the cellular machinery to perform functions that are usually opposite to the functions of cells under the influence of cyclic AMP.

(MORE)

"The two 'messengers,' cyclic AMP and cyclic GMP appear, therefore, to be the 'on' or 'off' signals for a variety of different cellular processes," Goldberg said.

Goldberg said he believes this is true not only in animal cells but in all living cells including bacteria, fungus, slime mold, and plants.

A few of the cellular processes that the Membrane Unit has found are turned "on" by cyclic GMP include the contraction of muscles in blood vessels, intestine and uterus; the release of the allergy-producing substance histamine; the motility of the scavenger white blood cells; and the machinery in the cell that causes it to divide.

Goldberg and a close associate, Mari K. Haddox, first established that cyclic GMP appears to be a key promoter of the growth process in human lymphocytes, a type of cell which becomes malignant in certain common types of leukemia.

Whereas cyclic GMP appears to turn "on" or promote cell growth, cyclic AMP appears to turn it "off." Another member of the Membrane Unit, Dr. John Sheppard, was one of the first to discover that cyclic AMP turns the cell division process "off" and that certain malignant cells grown in a test tube can be converted to normal-appearing cells by exposing them to cyclic AMP.

Specifically, the University investigators will be trying to determine what biochemical or structural change in the cell membrane of malignant cells causes an excessive production of cyclic GMP, which stimulates the cell to divide continually, and an inadequate production of cyclic AMP, which if present in adequate amounts would stop the cell from proliferating.

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SUPPLEMENTARY INFORMATION:

Members of the Membrane Unit are Dr. Ronald Barnett, associate professor of chemistry; Dr. John Kersey, associate professor of laboratory medicine and pathology and pediatrics; Dr. Robert Scott, associate professor of laboratory medicine and pathology; Dr. Judson Sheridan, associate professor of zoology; Dr. Ross Johnson, assistant professor of zoology; Dr. Richard Estensen, professor of laboratory medicine and pathology; Dr. Peter Plagemann, associate professor of microbiology; Dr. Sheppard, assistant professor of genetics and cell biology; and Dr. Goldberg.

-UNS-

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 8, 1974

MTR
W47
JAP

NEWS PEOPLE: For further information
contact JUDY VICK, 373-7515 or
PETER PETZLING, 373-3424

BRITISH MUSIC HALL NIGHT
PLANNED FOR 'U' VICTORIAN FEST

(FOR IMMEDIATE RELEASE)

"Victoria Palace: A Night at the British Music Hall" will re-create authentic popular entertainment of the Victorian era Saturday, Oct. 19 at Scott hall auditorium, on the University of Minnesota campus.

The evening is part of the current campus-wide celebration "The Art and Mind of Victorian England."

Host for the evening is Minnesota musician and folklorist Maury Bernstein, whose educational radio program "Folk Music & Bernstein" is heard weekly on some 75 stations from Boston to Honolulu. Director is Tom Sherohman, whose work as a director of musical revues has included "Noel and Cole" and "Nice Faces of 1943."

Victoria Palace was the actual name of a London music hall and all of the material presented in the student-faculty reconstruction will be from the Victorian era. Songs in Cockney, Scottish and Irish dialect will be part of the evening.

One of the performers, Hugh Cameron, is an actual veteran of latter-day British music halls and there will be performances by Ann Turner ("Nice Faces of 1943"), Joan Kutner (new to Minnesota) and others.

Among the late British performers whose songs will be re-created are Harry Champion, Marie Lloyd, Florrie Ford, Harry Lauder and George Formby.

Seating is on a limited basis and tickets are available for \$1.50 at the door only.

-UNS-

(A1-5,26;B1;C1.4,19)

UNIVERSITY OF MINNESOTA NEWS EVENTS

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 8, 1974

NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

MACPHAIL TO PRESENT FACULTY CONCERT

A free night of entertainment will be provided by faculty members of MacPhail Center for the Arts Wednesday, Oct. 16, at Concordia College in St. Paul.

Open to the public, the faculty concerto program will include six selections performed by soloists with accompaniment by members of the University of Minnesota Symphony under the direction of Richard E. Sieber.

The program will begin at 8 p.m. in Beutow auditorium, 275 N. Syndicate, St. Paul.

Selections and soloists will be Lalo's Allegro non troppo from the Symphonie Espagnole for violin, op. 21, performed by Mary Horozaniecki, violin; Mozart's "Non mi dir" from Don Giovanni, K. 527, performed by Nancy Grundahl, soprano; Poulenc's Concerto for Organ, performed by Harvey Gustafson, organ; Ravel's Introduction Et Allegro, performed by Frances Gilman Miller, harp; Barber's Canzone moderato from the Concerto for Piano, op. 38, performed by Susan Hellerud Standen, piano; and Wieniawski's Allegro moderato, from the Concerto for Violin in d minor, op. 22, performed by Mark Bjork, violin.

###

'U' SPECIAL TO HIGHLIGHT VICTORIAN ART

A half-hour University of Minnesota television special, "The Art and Mind of Victorian England," will be broadcast at 9 p.m. Saturday (Oct. 12) by KTCA-TV, Channel 2.

Lyndel King, curator of the University Gallery, will moderate the discussion on the relationship of Victorian art to the institutions of nineteenth-century English society---the class system, royalty and romanticism.

Josef Altholz, professor of history, and William Madden, professor of English, will participate in the discussion which is intended to create interest in the exhibitions of art, furniture and ceramics on display through Nov. 8 in the University Gallery in Northrop auditorium.

The program was produced by University of Minnesota media resources as an educational service of continuing education and extension.

-UNS-

(A1, 2, 5, 9, 24, 25; B1, 8)

NOTE TO EDITORS: The University News Service will present features from the course on nuclear power throughout the fall quarter as an educational news service.

Feature story from the University of Minnesota News Service, S-68 Morrill Hall Telephone: (612) 373-5193 October 9, 1974

MTR
1047
J.P.H.P.

(FOR RELEASE: FALL 1974)

ATTORNEY FINDS NUCLEAR POWER TOO EXPENSIVE

by Bill Hafling
University News Service Science Writer

Fear of the hazards of nuclear power and radio-active waste will not stop the building of nuclear reactors, environmental lawyer Myron Cherry told newspeople at the University of Minnesota recently.

"But the costs of such reactors will," he said. According to Cherry, America is moved by money and nuclear power will be stopped because the bankers are beginning to see that it is not a good investment.

"The nuclear power industry is billed as a major alternative to the fossil fuel generation of electricity on the assumption that it is clean, safe and economical," the Chicago attorney said. "To the contrary, nuclear power is not clean, has not been demonstrated safe, and is so uneconomical that its promotion by the U.S. Atomic Energy Commission (AEC) may be the greatest instance of commercial suicide in the history of modern society."

Cherry pointed to AEC statistics based on environmental impact statements, saying, "They analyze the cost of a nuclear power plant on the assumption that it will operate at 80 per cent of its rated power. Those are the figures that go into the cost-rate analysis.

"Yet there hasn't been a plant that has operated this well, with some exceptions which have during their 'shake-down' stages," he said. "The national average is closer to 50 per cent. Thus the promises nationwide are based on misleading statistics."

Why Utility Companies Go Nuclear

Cherry, who was on campus to speak before a class on public issues of nuclear power, is primarily in the business of commercial and financial law. He explained his theory on why utility company executives choose to use nuclear power even though the necessary power plants are more expensive than those needed for fossil fuels.

(MORE)

"Utilities get paid on the basis of their invested capital," he said. "Thus the cost of building a power plant, interest during construction, legal fees, and other costs becomes the rate base. On the basis of this, a rate of return is computed.

"Now if a nuclear plant costs a billion dollars, and a fair rate of return on investment is say, eight per cent, then that utility company will recover, over time, eight per cent of a billion dollars. On the other hand, if they build an ordinary fossil fuel plant for only half a billion, they only get back eight per cent of half a billion.

"If I'm the president of a utility and I'm looking after my shareholders, I'll have the largest rate base I can," he continued. "The way to do this today, is to build the most expensive plant I can. The utilities people are excited about the prospect of nuclear power because it means more cash flow to the utility."

Rates Are Going Up

Cherry said an examination of rates charged electrical consumers shows such rates have gone up in the so-called "nuclear areas" of Illinois, New York, Massachusetts and Wisconsin. He said these were all related to the higher costs of operating nuclear reactors and to higher capital costs.

"The six east coast states, all showed about a twelve per cent decrease in energy consumption in the last quarter of 1973, according to the Wall St. Journal," he said. "And what did our utilities in these respective states do?"

"They all went in for an 'energy conservation' rate increase," he said. "Because their capital equipment was now producing less than it had been set up to produce, they needed more money. When Con Ed of New York was pressed as to what they were going to do with the money, they said 'we're going to build more power plants.'"

Cherry said the utility executive who assures the public that the nuclear power plant is completely safe is generally the same utility executive who lobbies for legislation to limit his liability in the event of an accident.

(MORE)

"He'll say it's completely safe, that he can build this complicated mechanism without any problem. But he can't get sulfur dioxide (SO₂) out of the air. He's fighting environmental controls and he doesn't know how to figure out how to stop oil spills," Cherry said. "That's the same man, the same industry that can't solve our problems with fossil fuels that we've been dealing with for thirty years. This time he tells us it will be different, with more complicated technology."

Cherry said that the Public Service Commission of Wisconsin reported that 2,000 megawatts of electrical power ("the size of a gigantic nuclear reactor") could be saved by either better insulation on homes or by surcharging inefficient small electrical appliances.

"That's not changing lifestyles," he said. "That's still leaving people with their air conditioners."

Summing up his position on nuclear power, Cherry, who is working with Ralph Nader and the Friends of the Earth to shut down all nuclear reactors in the U.S. said, "If Man can find no other way to generate electricity than nuclear power, I opt for candles."

-UNS-

(A1-5,7,15,16,18;B1,5,6,9,10;C1-4,15,19;D10,11;E1,2,11,24,26)

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UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 9, 1974

NEWS PEOPLE: For further information
contact BOB KING, 373-7517 or
MARLENE VERNON, 373-7600

U OF M TO SPONSOR
SUNDAY CONCERTS

(FOR IMMEDIATE RELEASE)

Ragtime, Renaissance and jazz music will highlight a Sunday concert series this fall in the University of Minnesota's Coffman Union.

Butch Thompson, ragtime pianist and member of the Hall Brothers Jazz Band, will open the series Oct. 20.

Jazz pianist Reginald Buckner will perform Nov. 10, and a Renaissance concert by Concentus Musicus, a local group of performing artists, will conclude the series Nov. 24.

Each concert will begin at 4 p.m. in the Coffman Union junior ballroom and refreshments will be served.

The series is sponsored by the Coffman Union Program Council and admission for each performance is \$1 in advance and \$1.50 at the door.

The concerts are open to the general public and tickets are available at the Minnesota Student Association bookstore in Coffman Union.

-UNS-

(A1,2,4,5,24,25;B1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 9, 1974

NEWS PEOPLE: For further information
contact BILL HAFLING, 373-7514 or
HERBERT ISBIN, 373-2310

MEMO TO NEWS PEOPLE

At 2:15 p.m. Monday (Oct. 14), Joseph R. Dietrich, Ph.D., Chief Scientist of the Nuclear Power Systems Division of Combustion Engineering, will discuss nuclear power reactors. Dietrich, a pioneer in nuclear power, was with the first "Power Pile" group at Oak Ridge in 1946 and later, at Argonne National Lab, worked on the prototype power plant for the first nuclear submarine. He has done extensive work on nuclear reactor safety and accident control.

At 2:15 p.m. Wednesday (Oct. 16), Byron Lee, Jr., Vice-President of Commonwealth Edison Company, will discuss his company's experiences in the nuclear power field. Commonwealth Edison has the largest nuclear power service area in the U.S., 12,725 square miles with a population of 8 million. Twenty-nine per cent of the net generating capacity (15,486,000 kilowatts) of this company is nuclear.

Full biographies are available for both men and will be available in the news conference room, Morrill hall, where both news conferences will be held.

News conferences will be set up for as many out-of-town nuclear experts as possible so long as local media people indicate their interest in them. These experts will all be speaking at the quarter-long University of Minnesota course, "Public Issues of Nuclear Power," which meets Mondays and Wednesdays at 3:45 p.m. Schedules of speakers for the course are also available.

-UNS-

(A1-5, 7, 8, 15, 18; B1, 9; C1)

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J. H. ...

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 9, 1974

NEWS PEOPLE: For further information
contact BILL HAFLING, 373-7514 or
HERBERT ISBIN, 373-2310

MEMO TO NEWS PEOPLE

Saul Levine, project staff director for the U.S. Atomic Energy Commission (AEC) reactor safety study, will discuss a recently released study on the risks of accident in U.S. commercial nuclear power plants Monday (Oct. 21) at the University of Minnesota. The AEC-sponsored study took two years to complete, used 60 researchers, and cost about \$3 million. It was directed by Professor Norman C. Rasmussen of MIT.

Levine has become known as a spokesman on nuclear power and has been involved in regulatory activities with the AEC for more than 10 years. He was responsible for the day-to-day responsibility of the reactor safety study.

A complete biography for Levine will be available at the news conference, 2:15 p.m. Monday (Oct. 21) in the News Conference Room, B-12 Morrill hall on the Minneapolis campus.

-UNS-

(A1-5,7,8,15,18;E1,9,C1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 10, 1974

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

'U' SHOWS ALL-TIME
HIGH ENROLLMENT

(FOR IMMEDIATE RELEASE)

Student enrollment at the University of Minnesota this quarter is the highest it has ever been, the University's Board of Regents were told at the monthly meeting of the committee of the whole today (Thursday).

University President C. Peter Magrath reported that this year's figure---51,834 students on all campuses---represents an increase of 3.8 per cent over last year's figure of 49,935. The previous high total enrollment was 51,449 in the fall of 1971.

According to Magrath, Twin City campus enrollment shows an increase of four per cent over last year with a total number of 42,970 students. The all-time high enrollment for the Twin City campus was 43,061 in 1971.

Magrath said the predicted enrollment for the Twin City campus was low by 2,000 with the increase being accounted for by the registration of second, third and fourth year students coming back to school.

An increasing number of older students are enrolled, Magrath said, citing reports of faculty of many 30-to 50-year-old students in regular classes.

A 32 per cent increase in enrollment was recorded at the University technical college at Waseca with 536 enrolled compared to 406 a year ago. A smaller increase of 11.2 per cent was reported for the University technical college at Crookston, up to 851 from 765.

Magrath said enrollment at Duluth was stable at 5,578, down 54 students from a year ago but missing figures for one class. He said enrollment at Morris declined slightly to 1,559 compared to 1,656 a year ago, adding that this was attributable to a large graduating class last spring.

(MORE)

ENROLLMENT

-2-

The largest program increases were for post-M.D. medical fellows, up 401 from 200; Duluth social work, up 32.4 per cent; dental hygiene, up 31.3 per cent; biological science, up 25.5 per cent; Duluth medicine, up 25 per cent; business, up 21.6 per cent and agriculture, up 15.1 per cent.

Slight declines of about two per cent were reported for General College, home economics and the College of Education. According to Magrath, the College of Education enrollment decline follows national trends.

-UNS-

(A1-5,27;B1;C1,3,4,19,20,21,22)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
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TELEPHONE: 373-5193
OCTOBER 10, 1974

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9/21/74

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

- Sun., Oct. 13---The Whole Coffeehouse: Experimental concert with Concentus Musicus. 8:30 p.m. \$1.
- Mon., Oct. 14---Art Sale & Exhibit: Asian Art. Second floor Coffman Union. 9 a.m.-5 p.m.
- Mon., Oct. 14---Films: Gopher Hole, Coffman Union. Noon. Free.
- Tues., Oct. 15---Art Sale & Exhibit: Asian Art. Second floor Coffman Union. 9 a.m.-5 p.m.
- Tues., Oct. 15---Films: "Love Pangs" with Charlie Chaplin; "The Fatal Glass of Beer" with W.C. Fields; and "Have Badge, Will Chase" with Abbott & Costello. St. Paul Student Center ballroom. Noon. Free.
- Wed., Oct. 16---Concert: Minnie Riperton. West Bank aud. 8 p.m. \$4 in advance at MSA Bookstore, \$5 at the door.
- Wed., Oct. 16---Concert: Ukrainian music. Coffman Union main lounge. Also Oct. 17. Noon. Free.
- Wed., Oct. 16---U Film Society: "Charge of the Light Brigade" with Vanessa Redgrave. Bell Museum of Natural History aud. 7:30 p.m. \$1.50.
- Fri., Oct. 18---Concert: Coffman Union main lounge. Noon. Free.
- Fri., Oct. 18---Film: "Save the Tiger." West Bank aud. 8 and 10 p.m. \$1.50.
- Fri., Oct. 18---Film: "Summer of '42." St. Paul Student Center ballroom. 7:30 p.m. \$1.
- Fri., Oct. 18---The Whole Coffeehouse: Bogan, Martin & the Armstrongs. Also Oct. 19. 8:30 p.m. \$2 in advance at MSA Bookstore, \$2.50 at the door.
- Fri., Oct. 18---U Film Society: "Wedding in Red" directed by Claude Chabrol. Bell Museum of Natural History aud. Also Oct. 19. 7:30 and 9:30 p.m. \$1.75.
- Sat., Oct. 19---Film: "Save the Tiger." West Bank aud. 8 and 10 p.m. \$1.50.
- Sat., Oct. 19---Homecoming concert: "Bo Conrad Spit Band." St. Paul Student Center ballroom. 9 p.m. \$2 in advance at St. Paul Student Center.
- Sat., Oct. 19---Concert: "Victoria Palace: A Night at the British Music Hall" hosted by Maury Bernstein. Scott hall aud. 8 p.m. \$1.50.

-UNS-

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 10, 1974

NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

METRO GROWTH TALKS
TO OPEN WEDNESDAY

(FOR IMMEDIATE RELEASE)

About 400 area people are expected to attend the first round of discussions on the future of the Twin Cities area at 3:30 p.m. Wednesday (Oct. 16) at the University of Minnesota.

The talks, set for 125 Auditorium Classroom building on the West Bank, are the first of five planned by the University and 24 area community organizations.

During the first session, a committee of inquiry will hear different views on why growth and redevelopment should be managed. Discussion will focus on population projections, pressure on resources, growth's effect on quality of life and tax disparities between communities within the region.

Scheduled speakers for the first session include Robert Hoffman, attorney and member of the Metropolitan Council and chairman of the Council's committee on physical development; Ted Kolderie, executive director of the Citizen's League; Bruce MacLaury, president of the Ninth District Federal Reserve Bank, and Robert K. Hudnut, director of the Minnesota Public Interest Research Group.

The committee of inquiry, which will hear and question the guest speakers, includes 13 local citizens representing education, the media, private business, labor, banking, law, government and community organizations.

On Oct. 23, 30, Nov. 6 and 13, the committee will meet with different speakers to discuss the economic and social consequences of managing growth, the areas in which new growth should take place and who should manage growth.

The talks are open to anyone and cost \$5 for the series, \$2.50 for students and \$1.50 for single sessions.

(MORE)

The workshop was organized by Arthur Naftalin, University professor of public affairs and former mayor of Minneapolis, and is being sponsored on campus by the school of public affairs, the Center for Urban and Regional Affairs and the department of conferences.

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SUPPLEMENTARY INFORMATION:

The members of the committee of inquiry are:

Stephen Alnes, associate editorial editor, Minneapolis Star
Francis M. Boddy, professor of economics, University of Minnesota
Gleason Glover, executive director, Minneapolis Urban League
Mary Ellen Grika, president, Lowry Hill East Neighborhood Association
James Hetland, vice president, First National Bank of Minneapolis
Robert W. Johnson, Anoka County Attorney; member, Minnesota Municipal Commission
Leonard LaShomb, executive vice president, Minnesota AFL-CIO
Larry Laukka, vice president, Sussel Company
Gerald E. Stelzel, chairman, Dakota County Township Officers Association
William G. Sumner, editor, St. Paul Dispatch
Peter Vanderpoel, staff writer, Minneapolis Tribune
Kenneth T. Wisneski, executive editor, Sun Newspapers
Arthur Naftalin, professor, public affairs, University of Minnesota

-UNS-

(A1-5,15,27;B1,8)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 11, 1974

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grip

NEWS PEOPLE: For further information
contact DICK SHEEHAN, 373-7510

U OF M 1974 FINANCIAL REPORT
ISSUED BY V.P. BRINKERHOFF

(FOR IMMEDIATE RELEASE)

Current operations income of the University of Minnesota for the fiscal year ending June 30, 1974, totaled \$349,533,074 for all campuses and stations, up over \$34 million from the previous year.

Of this, the State of Minnesota provided 33.8 per cent, according to the annual University financial report released today (Friday).

The report examines trends in educational finance and states that though the University budget increased by about \$34.2 million in 1974 dollars, this amounted to a new decline of about \$3 million in 1968 dollars.

According to James F. Brinkerhoff, vice president for finance, planning and operations, this \$37 million gap is the "startling effect of inflation on University operations."

In addition to its operating expenses, the University invested \$38,332,567 in the construction and remodeling of buildings and the purchase of land. This is down from the \$51.6 million invested the previous year because of completion of a number of major projects, especially in the health sciences.

Last year, \$179,431,274 was spent from all fund sources for the instruction of students and instruction-related activities at the collegiate level and for departmental research on all campuses, up from \$163.4 million in 1973.

Budgeted and sponsored research expenditures amounted to \$53,597,900. The cost of extension and public service activities such as Continuing Education and Extension, Agricultural Extension Service and the University museums totaled \$28,713,947. The total expense for student aid was \$7,811,455, exclusive of federal loans.

(MORE)

Other major expenditures were in housing, food and other service areas which are self-supporting, totaling \$40,376,161; and \$22,827,573 for heat, light, power and maintenance of all University facilities.

The University's overall operating costs were \$332,758,490 while transfers, increases in obligations and other adjustments added \$16,774,584 for the total of \$349,553,074.

Of this, the State of Minnesota provided \$117,996,442 (the 33.8 per cent mentioned above). State support funds consisted of the legislative general appropriation of \$91,434,263 and \$26,562,179 for special projects carried on by the University for the general benefit of Minnesota's citizens.

These special projects include agricultural extension work and research, business and economic research, medical research, operation of the Minnesota Rehabilitation Center, the Child Psychiatric Hospital, the Multiple Sclerosis Clinic, the Institute of Child Development, Family Practice and Community Health and several others.

Sources of the University's operating income other than the State are: appropriations from the federal government, \$5,828,621; student tuition and fees, \$32,959,640; self-supporting auxiliary services, \$44,851,833; gifts, grants and contracts, \$74,926,751; and fees for services such as those provided at University Hospitals, \$64,183,106.

Expenditures for building, remodeling and land purchases, totaling \$38,332,567 were distributed as follows: Minneapolis campus, (including health sciences) \$23,649,662; St. Paul campus, \$5,324,806; Duluth campus, \$5,472,063; Morris campus, \$2,560,073; Crookston and Waseca campuses, experiment stations and "other outlying facilities," \$1,325,963, according to the report.

At the close of the fiscal year, the market value of the investments in the University total endowment fund, totaled \$72,594,907.

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 11, 1974

MTR
1047
AJP

NEWS PEOPLE: For further information
contact BILL HUNTZICKER, 373-7512

U OF M REGENTS TALK
WITH WASECA STUDENTS

(FOR IMMEDIATE RELEASE)

Waseca---Students may gain control over the \$30 quarterly student fees at the University of Minnesota Technical College (UMT) here as a result of a Friday discussion with the Board of Regents.

The suggestion that students control the fees was made during an informal discussion with the Regents' student concerns committee at the two-year 536-student technical college.

Karen Willaert, a student from Mankato, raised the issue by saying she was not getting her money's worth from the \$6 health service and the \$8 intramural and athletics fees.

"I have no interest in football and I don't see why I should pay for something I'm not interested in," she said. She said that the athletic program at Waseca is male-oriented and that there is "no push" for women's sports.

Committee chairman David C. Utz, a Rochester physician, and University President C. Peter Magrath suggested that the UMT fees committee which controls students fees be dominated by students, which is already the practice on the Twin Cities campus.

The fees committee at Waseca consists of two administrators, one faculty member and one student. In the Twin Cities, the fees committee is made up of 12 students, three faculty members and three administrators.

"I would predict we will go to a predominantly student population on that committee," Herb Atwood, UMT director of student affairs, said after the discussion. The student senate on the UMT campus now will consider the issue.

Atwood said the trend toward more student input has already begun on the UMT campus but the discussion would speed up consideration of the issue.

(MORE)

In other discussion at the student concerns committee meeting, UMW students said that their campus shares a number of problems with the other University of Minnesota campuses and the state colleges, such as space shortages, transportation, crowded facilities and parking problems. Al Glisner, student president from Nicollet, said "the need for space is our number one problem." He said that UMW needs more classroom and laboratory facilities and more athletic facilities.

Mark Stenzel, a student from Wells, said residence halls are overcrowded, with three men staying in rooms designed for two.

UMW Provost Edward Frederick said UMW is surveying Waseca and the adjacent rural areas to identify places that could be used as student residences.

-UNS-

(A1-5;B1;C1,4,21,22;D12)

UNIVERSITY OF MINNESOTA NEWS EVENTS

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 14, 1974

NEWS PEOPLE: For further information
contact JUDY VICK, 373-7515

MTR
N47
A4P

VICTORIAN READING TO BE IN 'U' LIBRARY

A reading of "Victorian Popular Fiction: Penny Dreadfuls, Boy's Weeklies, and Halfpenny Parts" by Chester G. Anderson, professor of English, will be presented at 3:30 p.m. Sunday, Oct. 27, in Wilson Library at the University of Minnesota.

The reading is sponsored by the Friends of the Hess Collection of the University of Minnesota Libraries. It is open to the public but reservations must be made by Oct. 24 by phoning 373-2897.

The reading is part of the University-wide festival, "The Art and Mind of Victorian England." A related exhibition is in Wilson library through October and is open to the public from 8 a.m. to 5 p.m. Monday through Friday.

###

MAHONEY TO SPEAK ON COMPENSATION

Thomas A. Mahoney, University of Minnesota professor of industrial relations, will discuss "Justice and Equity --- A Recurring Theme in Compensation" at a College of Business Administration Alumni Association lunch at noon Thursday (Oct. 17) at the Sheraton Ritz Hotel, Minneapolis.

The association's third quarterly lunch of this year is open to the public. Cost is \$6 per person. Phone 370-4359 for reservations.

Mahoney is the author of "Building the Executive Team: A Guide to Management Development" and "The Identification of Management Potential --- A research Approach to Management Development" and numerous articles and papers.

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UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 14, 1974

NEWS PEOPLE: For further information
contact JUDY VICK, 373-7515

DORIS HAYS RECITAL
IN CONTEMPORARY SERIES

(FOR IMMEDIATE RELEASE)

Pianist and composer Doris Hays will perform in a concert recital at 8 p.m.
Thursday, Oct. 24, in Scott hall auditorium at the University of Minnesota.

Part of the contemporary music series, the event is sponsored by the departments of concerts and lectures, music and music education, and is open to the public with no admission charge.

Included in the program will be one of the artist's own compositions, "Wildflowers for Buchla Box and Piano." She will also play works by Henry Cowell, Alvin Lucier, Charles Morrow, Russell Peck, Morton Feldman and Enzo Cugno-Carlo De Incontrera.

Hays was the first-prize winner at the 1971 International Competition for Interpreters of New Music at Rotterdam. She has performed for many European audiences and presented concerts and workshops about new and electronic music on American university campuses. As a composer, she works extensively with electronic sounds.

A former member of the faculty at the University of Wisconsin and Cornell College, she now lives in New York City, where she is an adjunct professor in the music department of Queens College.

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(A1-5,24,25,26;B1)

UNIVERSITY OF MINNESOTA
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OCTOBER 14, 1974

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NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

WORLD HEALTH OFFICIAL
TO GET U OF M AWARD

(FOR IMMEDIATE RELEASE)

James W. Wright, a director of the World Health Organization (WHO), will receive the University of Minnesota's Outstanding Achievement Award Tuesday (Oct. 15) at a ceremony in Geneva, Switzerland.

The Outstanding Achievement Award is the highest honor the University confers on its former students.

Wright is director of vector biology and control for the WHO where he is responsible for an international program for the control of insects which affect public health.

He is an international authority on insecticides and their use and is currently responsible for promoting research on vector biology and control in various countries.

Over the past 40 years, Wright has contributed to the conquest of insect-borne diseases, including malaria, filariasis, dengue hemorrhagic fever, and African sleeping sickness, in his native South Africa, Italy, and the Middle Eastern front during World War II.

He earned a master of public health degree from the University of Minnesota in 1955 and was the first recipient of the Rosenhaus Award for Excellence given in 1973 by the American Public Health Association.

The award will be presented to Wright by Conrad P. Straub, professor and director of environmental health at the University.

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(A1,2,4,5,8,10;B1;C1;E11)

UNIVERSITY OF MINNESOTA NEWS EVENTS

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
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OCTOBER 14, 1974

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JRP

(For more details, contact News Service writer whose name is given by each item.)

MANAGEMENT DEVELOPMENT CLASS PLANNED FOR WOMEN (Ronaele Sayre)

A management development seminar for women, sponsored by the University of Minnesota, will be held Thursday through Saturday (Nov. 7 to 9), at the Lafayette Country Club, Minnetonka, Minn.

The seminar is designed for women with some management experience, women who plan to pursue a managerial career and executive secretaries with some management level responsibilities. The sessions will provide practical experience in interpersonal communication, handling conflict, team work, and career development.

The deadline for applications is Oct. 25. Fees for the residential seminar are \$250 for meals, double lodging, instruction and supplies and \$275 for single lodging. The class is limited to 24 participants.

Registration should be sent to Director, Continuing Education in Business Administration, 334B Business Administration Building, University of Minnesota, Minneapolis, Minn. 55455. Information is available by calling 373-3835.

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EMOTIONAL ASPECTS OF NURSING CARE TO MEET IN MORA (Bob Lee)

A workshop on the emotional aspects of nursing care is scheduled for Friday, Nov. 8, at the St. Mary's Parish Center in Mora, Minn.

Sponsored by the University of Minnesota School of Nursing, the workshop is a repeat of a March workshop that attracted more applicants than could be accommodated.

With each application, registrants are asked to submit one or two written staff-patient incidents which have adversely affected their nursing care.

The registration fee is \$22.50 which includes lunch and all materials. Enrollment is limited to 100 nurses. To register, write Sharon Vegoe, Program Coordinator, Nolte Center for Continuing Education, University of Minnesota, Minneapolis, Minn. 55455. Deadline for enrolling is Nov. 1.

-UNS-

(A1,2,5,8,21,22;B1,5;C1,4)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 14, 1974

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NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

'U' HOMECOMING
PLANS MADE

(FOR IMMEDIATE RELEASE)

Homecoming at the University of Minnesota this week will include buttons, balloons at gametime and the traditional decoration of fraternity and sorority houses on the theme "Husk the Hawkeyes." The Gophers face the Iowa Hawkeyes Saturday (Oct. 19).

This year's homecoming observance will be "low key," according to Mike Donahue of the Interfraternity Council, but a little bigger than last year's effort.

During the past several years, traditional homecoming activities such as the parade, queen selection and dances were dropped as student interest declined and sponsors found themselves losing money on homecoming activities. But last year, the revival of some homecoming events resulted in a profit of \$300 for participating organizations.

Mary Jane Plunkett of the Panhellenic Office said that fraternities and sororities are putting up all the funds for the sale of the buttons this year and will be charging \$.50 each. Last year the alumni association participated in the button sales.

Helium-filled balloons will be sold prior to the game with proceeds going to the University scholarship program, a social service project of the fraternities and sororities.

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(A1-4,27;B1)

UNIVERSITY OF MINNESOTA
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OCTOBER 15, 1974

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NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

U OF M STUDENT
CONTINUES FAST

(FOR IMMEDIATE RELEASE)

A University of Minnesota student today entered the fifth day of a protest fast he says he will continue until University officials determine campus opinion on the purchase of head lettuce and table grapes.

Roberto Acosta, the 23-year-old son of Texas migrant workers, has vowed not to eat and said he will sit in University President C. Peter Magrath's office every day until Magrath allows a campus-wide referendum of students, faculty and staff to determine whether the University should boycott lettuce and grapes not picked by the United Farm Workers (UFW).

According to Acosta, the issue is whether University officials want "lettuce and grapes or social justice for farm workers."

Donald Zander, assistant vice president for student affairs, said Acosta will be allowed to remain in the reception area of the president's office during the hours the office is open "as long as he doesn't cause a disturbance."

Acosta, who lives at 1700 Como Ave. SE., spends his evenings at nearby Newman Center. Father William Hunt, Newman Center director and UFW backer, said it was decided the distance to Acosta's home was too far for him to walk while on a fast.

During his vigil, Acosta, who is a political science junior, has been occupying his time reading for his classes, admitting "There is nothing else to do." He said his friends are taking notes for him in most of his classes and that he plans to talk to the instructor of one class he doesn't have covered yet.

Acosta began his sit-in and fast Friday afternoon following a rally of UFW supporters in front of Morrill hall, the administration building.

(MORE)

The rally was a protest against a recent decision by Magrath to end a moratorium on the purchase of head lettuce and table grapes, which will now be purchased on the open market. The four-month moratorium was in effect while a special campus task force on migrant worker issues studied the question of a lettuce boycott.

In his statement, Magrath said "universities and colleges can best serve society if they refrain from becoming involved in an official way in complex social and political issues that are often difficult to evaluate." He said the conflicting views on the lettuce boycott did not provide a position that was the clear moral superior to the other.

Acosta and Hunt were members of the task force which failed to reach a consensus although several members voiced support for the UFW position.

A student poll on whether the University should boycott non-UFW lettuce was held during student elections last spring. The vote was 2,046 in favor of a boycott and 363 against but with only five per cent of the student body voting. The University administration called the vote results inconclusive.

-UNS-

(A1-5,11,27;B1;C1,3,4,14,19,21;D12)

(FOR RELEASE: FALL 1974)

Feature story from the
University of Minnesota
News Service, S-68 Morrill Hall
Telephone: (612) 373-5193
October 15, 1974

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AGGRESSIVE CHILDREN COME
FROM AGGRESSIVE FAMILIES

by Bill Hafling
University News Service Science Writer

Where does the little 'monster' who frightens the community, punches other kids and attacks people with knives, scissors or pencil points, come from?

From families where there is a lot of nagging, screaming, yelling and hitting, according to behavioral psychologist Dr. Gerald Patterson of the Oregon Research Institute.

Speaking to psychiatrists and psychologists at a weekly University of Minnesota seminar recently, Patterson, who grew up in Ely, Minn., said, "Oregon is much like northern Minnesota in the way many family members try to control one another. I saw severe punishment used on my friends back in Ely. They hit and never missed. The kid never got away with anything."

Arguing that physical punishment does not teach very good social skills and that, in fact, such punishment develops some very aggressive persons who are themselves prone to violence, Patterson said there are far more effective ways to control children.

Hitting a tough, aggressive kid is "like putting gasoline on a fire," he said. "The withdrawal of privileges, such as TV, is a good substitute for beating the kid up."

Outlining more than eight years of research in Oregon homes, Patterson said that hitting, screaming, whining and other such behavior seems to be escalated in the family in recognizable patterns.

One pattern starts with the mother who uses nagging and yelling to control the child's behavior, but doesn't do anything to back it up. "She yells, 'stop' and the kid doesn't do it. Instead he gets what he wants.

(MORE)

"For example, he goes into the living room and little sister is watching TV. He gives her a punch or shove and she leaves crying. Mom yells, but by now he's sitting there and has the TV. His aggressive behaviors are going to escalate. Mom doesn't think to turn off the TV," Patterson said.

Sooner or later, however, such parents have had all they can take and physically attack the child. "Many parents are simply not skilled in handling children," he said. "They feel that if they really 'beat him up, that'll stop him'."

Patterson said that a normal two-year-old child "turns out an incredible amount of 'pain', screaming and crying for attention. This is probably a survival technique. The problem for society, however, is to teach alternative behaviors for people to get what they want."

In addition to observing families in conflict, Patterson and his group work with parents to teach them how to relate to their children better. His long-run hope is that a lot of "little field stations, like the agricultural stations" will be set up to give advice to parents on handling kids.

He said that although his group has been relatively successful in teaching parents how to communicate with their children, thus reducing violence in the home, "we don't guarantee a perfect kid." He tells parents, 'he'll still be nasty sometimes, just like you.' Most parents understand that."

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(A1,2,5,8,13,21;B1,5,6,10;C1,4,5;E1,11,12,25,27)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 15, 1974

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NEWS PEOPLE: For further information
contact JUDY VICK, 373-7515

'U' THEATRE TO PRESENT
GILBERT-SULLIVAN OPERETTA

(FOR IMMEDIATE RELEASE)

The Gilbert and Sullivan operetta "Patience" will open Friday, Oct. 25, in Rarig Center at the University of Minnesota as part of the current campus-wide celebration, "The Art and Mind of Victorian England."

The University Theatre production, which will play through Nov. 10, is directed by H. Wesley Balk with Steven Lee Barnett as musical director and Robert Moulton as choreographer.

A romantic spoof, the operetta is a period piece satirizing the fads of the Victorian era. The music is a play on the operas of the time.

Susan Casserly, a senior from St. Louis Park, plays the title role. The male leads are played by Tom Foley, a University staff member from New Brighton, as Reginald Bunthorne, and Brian Johnson, a senior from St. Paul, as Archibald Grosvenor.

Performances are at 8 p.m. Oct. 25, 26 and Nov. 1, 2, 8 and 9 at 7 p.m. Oct. 27 and Nov. 3 and at 3 p.m. Nov. 10. Admission is \$3.50 for the general public and \$2.25 for students and senior citizens. Tickets are on sale at the Rarig Center ticket office and at Dayton's.

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(A1-5,25,26;B1;C1,4)

UNIVERSITY OF MINNESOTA NEWS EVENTS

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 16, 1974

MTR
N47
JAP

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

RAPE VICTIMS TO 'SPEAKOUT'

Victims of rape will discuss their experiences at a "speakout against rape" Saturday, Oct. 26, in room 5 Blegen hall on the University of Minnesota's West Bank.

The program, sponsored by the University's womens studies department and the Womens Coalition Against Rape, will begin at 9:30 a.m. with a multi-media presentation on rape, followed by a discussion of commonly believed myths about rape.

A panel discussion by rape victims will begin at 10:30 a.m.

The speakout will continue after lunch with workshops on self defense, lobbying and legislation, home and community security, procedures for rape victims and victimology.

All events are free and open to all interested individuals.

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GUBERNATORIAL CANDIDATES TO SPEAK AT 'U'

Seven of eight Minnesota gubernatorial candidates will take part in a public forum from 12:15 to 2 p.m. Tuesday (Oct. 22) in Northrop Auditorium at the University of Minnesota.

Candidates appearing will be John W. Johnson, Republican; James Miles, Independent; Jane Van Deusen, Socialist; Genevieve Gunderson, Industrial Government; Richard Kleinow, Libertarian; Irwin Marquit, Communist, and Harry Pool, American Party.

Each candidate will speak for five minutes and then be questioned by a panel of faculty members and representatives of the Minnesota Daily, the student newspaper.

Gov. Wendell Anderson will not attend the forum due to a scheduling conflict.

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UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
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OCTOBER 16, 1974

NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

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U OF M TO HOST
CHINA CONFERENCE

(FOR IMMEDIATE RELEASE)

The Chinese view of the world will be the focus of a one-day University of Minnesota conference Thursday, Oct. 31, at the Holiday Inn Central, Minneapolis.

Sponsored jointly with the National Committee on United States-China Relations Inc., the conference will bring together local and international experts on the People's Republic of China.

The general program, which will begin at noon, is intended for business people interested in trade with China, teachers involved in China studies courses and anyone interested in the Chinese view of the world.

From 1:45 until 3:15 p.m., there will be a session on trade with China, designed specifically for area business people. Discussion will cover what products the Chinese want to buy and sell, how to start trade, whom to contact, and financing and legal problems.

At the same time, there will be a session on China's role in the world and emerging Chinese diplomacy.

From 3:30 until 4:30, the seminar will cover the basic value systems that shape Chinese actions and perceptions. There will be a morning workshop especially for teachers from 9 until 11:15 a.m.

Speakers for the seminar include Charles Freeman, desk officer, People's Republic of China-Mongolian Affairs, U.S. Department of State; Stanley Karnow, associate editor, The New Republic; Walter Surrey, general counsel, National Council for U.S.-China trade; and Salim Ahmed Salim, ambassador to the United Nations from Tanzania and former Tanzanian ambassador to China.

Fee for the conference, which will run until 5 p.m., is \$15 including lunch. Students may attend for \$5 on a space-available basis.

To register, contact Joe Kroll, program coordinator, department of conferences, 211 Nolte Center, University of Minnesota, Minneapolis, Minn. 55455 by Oct. 28.

The conference is being sponsored by the University's World Affairs Center, and department of conferences.

-UNS-

(A1,2,4,5,15,21,27;B1,7,8;C1,4,19)

(FOR RELEASE ANY TIME)

Feature story from the
University of Minnesota
News Service, S-68 Morrill Hall
Telephone: (612) 373-5193
October 16, 1974

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THE UNIVERSITY AND NUWORLD:
THE SPACE-AGE CHEESE

by Mike Finley
University Staff Writer

Popular legend has it that a desert bedouin, carrying his ration of milk in his goatkin canteen one hot day, was at first dismayed to find curds and whey for lunch instead of milk.

Upon tasting the delectable lumps, however, he made the discovery that ruined milk wasn't half bad. Little did he know at that time how high in protein cheese was.

Ten thousand years or so later, at the University of Minnesota, researchers are still tinkering with the basic formula for cheese. This concern for the dairy product has led them, in a very minor way, into the cheese business itself, and also toward the development of the first space-age cheese: Nuworld mutant Roquefort, which is known in cheese circles as the blue cheese that isn't blue.

But cheese is cheese, and although there are almost 1,000 different varieties of cheeses, with as many different flavors, textures, colors, shapes, ages and personalities, the basic recipe is the same from cheese to cheese. In the words of Eldwood Caldwell, chairman of the University's department of food science and nutrition, cheese is simply milk that has been de-lactosed and de-watered by the addition of an enzyme, rennet, to form clots in the milk.

"In past years," Caldwell said, "Minnesota has consistently ranked second or third as a cheese-producing state, behind Wisconsin and sometimes New York. But from the look of things, we will soon become the number-one producer.

"For one thing, there is such a thing as a milkshed, or milk divide--a line dividing the directions in which the region's milk flows, commercially speaking," he said. "Recently, a large number of Wisconsin's dairy farmers started sending most of their milk to the Chicago milkshed, which left less milk to go into cheese manufacture. In addition, there are 14 new cheese plants in Minnesota now, and many companies are

(MORE)

converting from dry milk and butter manufacture to cheese manufacture as cheese becomes more popular and more profitable."

Recalling Agriculture Secretary Earl Butz's recent invocation of cheese as a meat substitute in Americans' diets, Caldwell noted that more and more people are eating cheese. Budgetary considerations are not the only reason, he said. Americans are becoming more continental in their tastes, and they are learning to savor the flavor experience of good cheese.

But, he insisted, there is still growing room for the cheese industry. Cheese consumption of the average American is only half that of the average European.

Howard Morris, professor of food science and nutrition, believes that Minnesota has a kind of manifest destiny in the area of cheesemaking. "For one thing," he said, "the climate is right. For another, grass grows well here. And finally, the ethnic backgrounds of many of the people who settled here include a lot of know-how in the dairy industries."

The most significant single achievement of the department of food science and nutrition has been the invention of Nuworld mutant Roquefort cheese. The word "invention" is appropriate here, because Nuworld is perhaps the only cheese in the world that did not originate, like the bedouin's curds and whey, through some form of accident. It is the first modern cheese.

The unique thing about Nuworld cheese is that it has no pigmentation, hence no color. Although Roquefort cheese has long been a favorite with salad and sauce gourmets, it has presented some problems because its color prevents its use in homogeneous sauces and dressings: the blue pigment in the "Penicillium roqueforti" mold turns gray when its whipped or stirred.

There are very few gray food items on any menu. The color is universally regarded as unappetizing.

But in 1948 a bacteriologist at the University of Wisconsin sent to the University of Minnesota some mold spores he had treated with ultraviolet light, creating a mutant spore containing no blue pigment. Minnesota researchers added the mutated

penicillin to their "library of cultures," as Morris calls it, and within a couple of years had developed a Roquefort cheese with a light cream color and a smooth, semisoft body. It possessed a distinctive peppery, pungent flavor with a slight resemblance to that of Camembert cheese.

Until two years ago, the food science and nutrition department maintained a salesroom on the St. Paul campus that stocked, for public purchase, many varieties of cheeses and ice creams and sherbets. With the close budget scrutiny that came with retrenchment and reallocation, department chairman Caldwell decided that accommodating the public with such a wide variety of dairy products--many of which were produced for no reason except sales--was no longer feasible.

Since that time, under reduced store hours, the salesroom has continued to sell ice cream and cheese, but only those products that result from academic and research projects.

While the salesroom doesn't have a commitment to keeping any given kind of cheese or ice cream in stock, it does face a strange kind of responsibility with Nuworld mutant Roquefort cheese. The fact is that while the food science and nutrition department has approached commercial firms with the idea of marketing Nuworld, not one of these companies has invested in the new cheese.

This makes the University the guardian, whether it wants to be or not, of its own invention. For if the culture of "Penicillium roqueforti" were to die from neglect, the mutation would have to be created all over again, ultraviolet radiation and all. Caldwell assures us that that would not be an easy assignment.

What the department has decided to do, then, is to offer wheels of Nuworld cheese to the public on a subscription basis. Four months before the cheese will be done, customers are asked to pay for it. When the cheese is aged properly, the customer is notified and can bring in the receipt and pick up the cheese.

Those who do, like the bedouin in the legend, have a pleasant surprise in store for them.

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UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
TELEPHONE: 373-5193
OCTOBER 17, 1974

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS
Oct. 20-26

- Sun., Oct. 20---Concert: American Music Faculty Recital, featuring Dominick Argento's "To Be Sung Upon the Water." Scott hall aud. 4 p.m. Free.
- Sun., Oct. 20---Jaques Gallery: Breckenridge Wildlife Art Show. Drawings and paintings by Dr. Walter J. Breckenridge. Bell Museum of Natural History. 9-5 p.m. Monday thru Saturday, 9-9 p.m. Wednesday and 2-5 p.m. Sunday. Through Oct. 31. Free.
- Sun., Oct. 20---Ragtime concert: Butch Thompson. Coffman Union junior ballroom. 4 p.m. \$1 at MSA Bookstore, \$1.50 at the door.
- Sun., Oct. 20---U Film Society: "Wedding in Red," directed by Claude Chabrol. Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$1.75.
- Sun., Oct. 20---The Whole Coffeehouse: Jazz concert with Gene Adams and Co-existence. 8:30 p.m. \$1.
- Mon., Oct. 21---Cartoons: Gopher Hole. Noon. Free.
- Tues., Oct. 22---Forum: Minnesota Gubernatorial Candidates. Northrop aud. 12:15 p.m. Free.
- Tues., Oct. 22---Meet the Artist: Coffman Union junior ballroom. 1 p.m. Free.
- Wed., Oct. 23---U Film Society: "Twilight of Empire." 7:30 p.m. "Tom Brown's Schooldays." 8:45 p.m. Bell Museum of Natural History aud. \$1.50.
- Thurs., Oct. 24---Forum: "Sociology and Objectivity," with Paul D. Reynolds. 210 Anderson hall. 3:15 p.m. Free.
- Thurs., Oct. 24---Movie: "Soldier Blue." 310 Anderson hall. 1:15 p.m. and 270 Anderson hall. 7:15 p.m. Free.
- Fri., Oct. 25---Movie: "Jesus Christ Superstar." Coffman Union main ballroom. 7:30 and 10 p.m. \$2.
- Fri., Oct. 25---University Theater: Gilbert and Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theatre. 8 p.m. \$3.50 non-students, \$2.50 students.

(MORE)

CALENDAR

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Fri., Oct. 25---The Whole Coffeehouse: Norman Blake. 8:30 p.m. \$2 in advance at MSA Bookstore, \$2.50 at the door.

Fri., Oct. 25---U Film Society: "Company Limited," 1971, and "The Adversary," 1972, Indian films directed by Satyajit Ray. Bell Museum of Natural History aud. 7:30 p.m. \$2.

Sat., Oct. 26---Movie: "Jesus Christ Superstar." Coffman Union main ballroom. 7:30 and 10 p.m. \$2.

Sat., Oct. 26---University Theater: Gilbert and Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theatre. 8 p.m. \$3.50 non-students, \$2.50 students.

Sat., Oct. 26---The Whole Coffeehouse: Norman Blake. 8:30 p.m. \$2 in advance at MSA Bookstore, \$2.50 at the door.

Sat., Oct. 26---U Film Society: "Company Limited," 1971, and "The Adversary," 1972, Indian films directed by Satyajit Ray. Bell Museum of Natural History aud. 7:30 p.m. \$2.

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(A1-6;B1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 17, 1974

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NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

'U' VET OFFICE
RECEIVES GRANT

(FOR IMMEDIATE RELEASE)

A federal grant resulting from increased veteran enrollment has enabled the Veteran's Assistance Office (VAO) at the University of Minnesota to expand its efforts to get veterans into school.

Tom Wincek, VAO director, said the grant of \$156,114 from the Department of Health, Education and Welfare was the result of an 11.1 per cent increase in veteran undergraduate enrollment last spring to 4,900.

The University grant, part of \$25 million awarded to schools across the nation that increased their undergraduate veteran enrollment by at least 10 per cent, was the largest to an individual school, Wincek said.

The grant has enabled what began as a one-man office in August of 1972 to increase this fall to a fulltime staff of eight, a parttime staff of eight and 100 Veteran's Administration work-study students providing 100 hours of work each.

According to Wincek a major expansion of the VAO program was the opening this fall of an outreach office at Eustis and Larpenteur Sts. in St. Paul. There work-study students make the hundreds of calls to recently discharged metropolitan servicemen.

A new area of contact this year for the veteran's office will be with veterans soon to be released from prison, Wincek said. A number have started studies while in prison and want to continue following their release.

VAO's campaign to tell veterans about educational benefits many don't realize they have has utilized extensive advertising including billboard and bus advertising. Pamphlets explaining provisions of the GI bill have been distributed at many locations including weekend displays in area shopping centers, Wincek said.

(MORE)

Funds from the grant have been shared with other University departments that have worked closely with the VAO in helping veterans return to school. Wincek said Continuing Education and Extension received \$24,000 for two counselors and another \$12,000 went to the student counseling bureau.

Four of the 100 work-study students from VAO have been assigned to the financial aid department and two work-study students have been assigned to the employment office to assist student veterans in job placement.

Wincek said a provision of the grant was that the veteran's office seek the participation of various business and community organizations in their outreach effort. So far, the VAO has worked with the Jaycees Veterans Committee, the Chamber of Commerce, the local chapter of the National Alliance of Businessmen and the St. Paul Area Council of Churches.

Wincek said the University will be eligible for renewal of the grant next spring if veteran enrollment does not decline. But the VAO does not consider itself a recruitment center for veterans to enroll at the University.

"We work out the best program for the veteran and urge that he attend the school that best suits his needs," Wincek said.

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(A1,2,5,15,27;B1;C1,14,19)

UNIVERSITY OF MINNESOTA NEWS EVENTS

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 17, 1974

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NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

AUTHOR TO SPEAK DURING 'U' BOOK WEEK

Jean Craighead George, author of "My Side of the Mountain" and "Julie of the Wolves," will be the guest speaker during the University of Minnesota's annual book week program Tuesday (Oct. 22).

George will speak at a 6 p.m. dinner in Coffman Union main ballroom on the Minneapolis campus.

George is a member of the Craighead family of naturalists and her book "Julie of the Wolves" grew out of a summer spent at the Arctic Research Laboratory in Barrow, Alaska, where she studied wolves and the tundra. "Julie of the Wolves" won the Newbery Award for children's literature in 1973 and "My Side of the Mountain" was named a Newbery Honor Book in 1960.

Other book week activities include a display of new books for children and young people in the Bell Museum of Natural History Touch and See Room, a review of new books for nursery school through grade six at 4:30 p.m. in the Bell Museum auditorium and a review of new books for junior and senior high school at 4:30 p.m. in Murphy hall auditorium .

The book week program is sponsored by the University's College of Education.

###

U OF M PRODUCED DOCUMENTARY TO BE AIRED OCT. 30

"Larkin," a 30-minute documentary on an internationally known local artist, will be aired over KTCA-TV, Channel 2, at 9:30 p.m. Wednesday, Oct. 30.

Produced by Continuing Education and Extension at the University of Minnesota, the film shows Eugene Larkin, a University design professor, at work in his home studio, in consultation with one of his students and selecting materials for a mono-print at Cedar Lake in Minneapolis.

Known for his prints, etchings and monoprints, usually dealing with some aspect of nature, Larkin will discuss his philosophy of art and creativity as part of the film.

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 17, 1974

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1047
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NEWS PEOPLE: For further information
contact BILL HAFLING, 373-7514

U OF M ASKS REPORTS
ON INJURED HAWKS, OWLS

(FOR IMMEDIATE RELEASE)

If you see an injured hawk or owl this fall, you might be able to save its life. By doing so, you will become part of the continuing effort at the University of Minnesota to learn more about these endangered species and their role in the environment.

Three University researchers ask that you report injured birds immediately to the University's Raptor Rehabilitation Program, by calling Dr. Patrick Redig at 373-0816, Dr. Gary Duke at 373-0321 or Mark Fuller at 376-3405.

Many species of raptors (hawks, owls, etc.) are declining in numbers due to human population growth and other pressures, according to the researchers. Because of the decline, they are hoping to save as many birds as possible.

"The rehabilitation effort also provides an opportunity to gather biomedical data and conduct research that will provide tools for effective management of both individuals and populations in the future," Redig said.

First Aid For Birds

When a call about an injured bird comes in to the program office, the information is usually referred to the Department of Natural Resources office in the area of the injured bird. In most cases, department personnel will transport the bird to the University.

Although the chance for recovery of an injured bird is increased the sooner it can be reported to the rehabilitation program, there may be times when the bird can't be cared for immediately. In the past few years of the project the researchers have worked out methods for keeping a bird alive until it can be brought in.

(MORE)

"If a raptor must be kept for a few days, it should be given a diet of fresh meat, preferably a small rodent or bird, but lean beef or chicken may also be used," Redig advised.

"If a bird is in poor condition and refuses to eat, nutrition may be provided by feeding a slurry made from 3 oz. of decarbonated (boiled, then cooled) cola and 1 egg yolk. An eye dropper or stomach tube may be used to administer the slurry. The bird should be fed an amount equivalent to 5 per cent of its body weight given in three divided doses." Redig said.

Meat containing a large amount of fat, especially hamburger, should not be given to an injured bird, the researchers warned.

A Transplant Operation

A recent case, typical of those seen at the rehabilitation center was that of a young red-tailed hawk with a wing injured by a rifle shot. "The bullet had scored a direct hit on the ulna (one of the long bones in the wing) and left the wing in a completely useless position," Redig said.

"Approximately three-fourths of the bone was completely shattered. A surgical operation was performed in which the shattered fragments of the ulna were replaced by a healthy bone graft taken from the wing of a permanently crippled bird. The fracture was then further stabilized by the placement of a stainless steel pin. So far there have been no signs of rejection and there is optimism for a nearly complete recovery." Since the spring of 1972, the program staff has handled 275 birds of prey and 100 swans, herons and larger birds.

Now in its third year of operation, the rehabilitation program is operated by Duke and Redig from the department of veterinary biology and by Fuller, a research fellow in the College of Behavioral Biology and Ecology. Funding is provided by the College of Veterinary Medicine, the Walker Foundation of Minneapolis and the Ober Foundation of St. Paul.

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UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 18, 1974

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

'U' BLACK STUDENT
MEETING DISRUPTED

(FOR IMMEDIATE RELEASE)

An organizational meeting of a black student group at the University of Minnesota was marred Wednesday afternoon (Oct. 16) by the arrest of one student at the meeting by University of Minnesota police.

Authorities said they went to the meeting in the men's lounge at Coffman Union after receiving a call that the student, Larry Douglas Piggie, would be there. A Hennepin County bench warrent had been issued for Piggie after he failed to make a court appearance.

Rhonda Grant, associate director of the University branch of the YWCA which is sponsoring the new organization, said the incident was "unfortunate" and made the students present acutely aware of "the black situation." "It seems like every time blacks get together something happens," she said.

Grant said order was restored to the meeting after police left and the students set up a number of task forces for the group to be called Black Students for Survival on Campus (BSSC).

"We need more communication with each other and support for each other," Grant said. She said the organization would be a social group with some cultural and academic emphasis. Grant said she has found the morale of black students drops during the school year and there is no one with whom they can share their problems.

A BSSC advisory board is being formed and will include faculty representatives and student members of BSSC. Franchell Patton, a work-study student with the University YWCA, will be program coordinator.

-UNS-

(A1,2,4,27;B1;C1,4,19)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 18, 1974

MTR
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p. 1/2

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

STUDENTS PICKET
MAGRATH HOME

(FOR IMMEDIATE RELEASE)

Demonstrators picketed the home of University of Minnesota President C. Peter Magrath Thursday night (Oct. 17) demanding a University boycott of non-United Farm Workers (UFW) head lettuce and table grapes.

About 30 UFW supporters marched peacefully in front of the fence surrounding the Magrath home on East River Road in St. Paul. Chanting "Boycott lettuce, boycott grapes" and singing songs, the group cut short a planned two-hour vigil from 5 to 7 p.m. when it began raining shortly after 6 p.m. Magrath was at his University office and not home during the demonstration.

Taking part in the demonstration was Roberto Acosta, a University junior on a fast since Friday who has vowed not to eat until Magrath grants a campus-wide referendum on the lettuce issue. Acosta spends his days sitting in the reception area of Magrath's office at the University. He spends evenings at the nearby Newman Center.

Magrath recently announced that the University would purchase lettuce and grapes on the open market at the most competitive price. His decision ended a four-month moratorium on the purchase of lettuce and grapes by the University. A University task force on migrant issues studied the lettuce issue during the moratorium but did not make a recommendation.

UFW supporters say they want a binding referendum with the administration following the action indicated by the vote. A student referendum was held last spring in which 2,046 approved a boycott and 363 were against. The voter turnout was five per cent of the student enrollment.

-UNS-

(A2,11,27;B1;C4,19)

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UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 21, 1974

NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

U OF M RESEARCHER WINS
\$172,490 NLMH GRANT

(FOR IMMEDIATE RELEASE)

A University of Minnesota researcher has been awarded a five-year grant by the National Institutes of Mental Health to study the processing of perceptual information.

David LaBerge, a University professor of psychology and recognized authority on beginning and fluent reading, has received \$172,490 to be used for the maintenance of a computer-based laboratory and salaries of graduate student assistants.

With the grant money, LaBerge will investigate the way people learn to perceive visual patterns and the relations between these patterns. In his study, he will emphasize in particular the way attention is highly involved in the early stages of pattern and relation learning and gradually withdrawn with training after recognition becomes automatic.

LaBerge will also be studying the problem of how many things can be attended to at any given moment and the operation of switching attention from one thing to another, particularly from visual to auditory events.

The laboratory will be located in Elliott hall, the University's psychology building, where LaBerge is engaged in research on reading with S. Jay Samuels, a professor of psychological foundation.

-UNS-

(A1,2,5,21;B1,10;C1,4;E27)

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UNIVERSITY OF MINNESOTA
NEWS SERVICE, 5-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 21, 1974

NEWS PEOPLE: For further information
contact JUDY VICK, 373-7515

MINNESOTA DESIGNATED
AEJ HEADQUARTERS

(FOR IMMEDIATE RELEASE)

The University of Minnesota has been designated the central headquarters of the Association for Education in Journalism (AEJ), it was announced today by Edwin Emery, AEJ president.

Emery, professor in the University's school of journalism and mass communication, said all operating offices of the AEJ, a national organization of schools and professors in the field of journalism, will be consolidated at Minnesota in August, 1975.

The AEJ executive committee has elected J. Edward Gerald, professor emeritus at Minnesota, as its half-time executive secretary as of that date, for a three-year term. At present the offices of treasurer and publications manager are held by Harold W. Wilson, University journalism professor.

AEJ publishes "Journalism Quarterly," an international research journal, and "Journalism Educator," "Journalism Monographs" and "Journalism Abstracts." Emery was editor of "Journalism Quarterly" prior to his election as AEJ president.

Quintus C. Wilson, professor at Northern Illinois University, will continue as executive secretary until August, 1975. Gerald is a visiting professor at Indiana University during 1974-75.

-UNS-

(A1,2,5;B1;C1,20,21;E18)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 21, 1974

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NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

U OF M DORMS ARE
JAMMED THIS YEAR

(FOR IMMEDIATE RELEASE)

There are 42,970 students attending classes on the University of Minnesota Twin Cities campus this fall. For 4,210 of those students, the University campus is also home for the next nine months.

The eight Twin Cities campus dormitories are "jammed full" this year, according to Don Zander, assistant vice president for student affairs.

All dormitory rooms were taken last year too, Zander said, but some double rooms were rented as single rooms during the last week before school started. This year, he said, all double rooms have been rented as doubles.

Zander said the increased occupancy of dorm housing follows a national trend: A New York university is reportedly refurnishing a dorm that hasn't been used in six years because of a 25 per cent increase in applications. At Purdue University, faculty and staff have been asked to provide temporary housing for students. A South Carolina college has rented a 41-room motel for dorm space.

Despite a five per cent increase in dorm costs since last year---to \$1,350 for nine-months occupancy---students elect to live in dorms because they know what their expenses will be during the coming year, Zander said, adding that in an apartment they might suffer mid-year increases in heat, rent, light and food costs.

Reservations for fall quarter dorm space are accepted beginning April 1, with first choice going to current residents. The applications lead to a juggling contest of matching requests, Zander said. About 26 per cent of the students do not want alcohol in rooms or on the floor and many students are concerned about smoking.

-UNS-

(A1-5;B1;C1;D12)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 21, 1974

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NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

UNIVERSITY JUNIOR
CONTINUES FAST

(FOR IMMEDIATE RELEASE)

A weakened and hoarse Roberto Acosta began his second week of fasting outside the office of University of Minnesota President C. Peter Magrath Monday (Oct. 21).

The 23-year-old University junior has been on a fast since Oct. 11, vowing not to eat until Magrath grants a University-wide referendum to decide if the University should boycott non-United Farm Workers (UFW) lettuce.

Since beginning his solitary protest fast for "social justice for farm workers," Acosta has lost 14 pounds.

Linda Williams, a University student supporter of the UFW, sat with Acosta on Monday and said other UFW supporters would take turns keeping Acosta company.

Acosta, the son of migrant workers, said he has been greeted by Magrath when the president enters his office but admits they do not have anything to talk about. He is waiting only for the announcement that there will be a referendum that will be binding on the University administration, Acosta said.

Magrath ended a four-month moratorium on the purchase of head lettuce and table grapes by the University earlier this month and ordered their purchase at the best market price.

The lettuce issue has not appeared to generate a great deal of interest among the 42,970 students on campus with less than 100 turning out for a rally on the day Acosta began his fast. But Acosta said he feels his fast has made more people aware of the issue.

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(A1-5, 11, 27; B1; C1, 4; D12; E4)

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UNIVERSITY OF MINNESOTA NEWS EVENTS

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 21, 1974

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

CLEAN-UP SET FOR RIVER FLATS

A "spring clean-up" of the river flats near the University of Minnesota Showboat will be resumed Saturday (Oct. 26) by members of University of Minnesota sororities and fraternities in cooperation with University plant services.

Mary Ann Plunkett of the Panhellenic Council said 150 students are expected to take part in the clean-up from 11 a.m. to 2 p.m. Students carried out the first stage of the project last spring and felt that there was still much to do.

Trucks and plastic sacks will be provided by plant services.

###

SKI EQUIPMENT SWAP PLANNED

The annual University of Minnesota ski swap will be held Thursday and Friday, Oct. 31 and Nov. 2, in the North Star ballroom of the St. Paul campus Student Center.

Sale hours Thursday will be from 5 to 10 p.m. and Friday from 10 a.m. to 3 p.m. Experienced skiers will be on hand to help with the selection and fitting of the equipment.

The ski swap is open to anyone and is sponsored by the St. Paul Student Center Board of Governors and the Waksur Outing Club.

For more information call 373-1051.

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UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 23, 1974

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

'U' STUDENT GROUP
TO SPONSOR CONCERTS

(FOR IMMEDIATE RELEASE)

Jazz pianist Roy Meriwether and his trio will perform at 8 p.m. Thursday, Oct. 31, in a cabaret program at the Whole Coffeehouse in Coffman Union at the University of Minnesota. The event is free and open to the public.

Meriwether blends jazz, blues, gospel and rock and has had nightclub and concert hall appearances across the country. Last year he was awarded a grant from the National Endowment for the Arts.

Also appearing on the Halloween night program will be the Steps of Soul and the Grand Central Dance Band.

Free tickets to the performance, limited to two per person, are available at the MSA bookstore in Coffman Union.

Heartsfield, a six-man country-rock band from Chicago, will perform at 8 p.m. Wednesday, Oct. 30, in the West Bank auditorium.

The band combines rock, folk, country and jazz. All members sing, with four as soloists. Admission is \$1 in advance and \$1.50 at the door.

Both concerts are sponsored by the Coffman Union Program Council.

-UNS-

(A1,2,4,5,24,25;B1)

UNIVERSITY OF MINNESOTA NEWS EVENTS

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 23, 1974

NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

U OF M TO OFFER TRAVEL COURSE

"Travel Without Travail," a five-session course designed to make travel easier, will be offered by the University of Minnesota's Lifelong Learning Program beginning Nov. 5.

Taught by Margo Sprague, a professional traveler, the course will meet Tuesdays, from 10:30 to noon, until Dec. 3 in the Community Room, 7151 York Ave. S.

Slide lectures will cover travel to Russia, Shalimar and the Outer Hebrides, and river trips in America, Europe and Africa. Tuition for all sessions is \$5.50.

To register, contact Continuing Education for Women, 200 Wesbrook Hall, University of Minnesota, Minneapolis, Minn. 55455 or call 373-9743.

###

THIRD METRO GROWTH SESSION TO MEET

The third session in the series of talks on managing growth in the Twin Cities is scheduled for 3:30 p.m. Wednesday, Oct. 30 in 125 Auditorium Classroom building on the University of Minnesota West Bank.

Scheduled speakers include David L. Graven, attorney, member of the Metropolitan Council and chairman of the council's committee on human resources; John B. Davis, Jr., superintendent of schools, Minneapolis; Willie Mae Wilson, executive director, St. Paul Urban League, and Bruce Thomson, president, Pentom Corporation.

The session, which is open to anyone, will explore the social consequences of growth management. Cost of the session is \$1.50. Series tickets are available for \$5.

-UNS-

(A1,2,4,5,10,15,21;B1;C1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 23, 1974

NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

U OF M TO OFFER
ART STUDY IN MEXICO

(FOR IMMEDIATE RELEASE)

Three months of work and study with Mexican artisans and craftsmen will be the central feature of the University of Minnesota's winter quarter in Mexico this winter.

Offered by Continuing Education and Extension, the program is open to anyone, student or non-student, and is geared to accommodate both experienced and novice artists.

From Jan. 6 through March 22, students who register will live and work in Tlaxiaco, Oaxaca, Mexico, under the guidance of experienced teachers and the aid of local craftsmen.

The craftsmen in the area practice traditional methods in ceramic work, weaving and metal work, within a cultural framework basically unaffected by most aspects of contemporary urban culture.

Students in the program will study the specific art and craft techniques and the cultural context in which they are produced.

Each student will register for a minimum of 12 credits, with eight of these credits in studio arts and the rest drawn from such fields as linguistics, anthropology, Spanish, archaeology or related arts.

Tlaxiaco is located within a day's drive from several famous archaeological sites and classes meet only on Tuesdays, Wednesdays and Thursdays to allow students to explore these areas.

Housing is available in local hotels, public and private homes at minimal cost. Tuition for 12 credits is approximately \$180.

The program is limited to 45 students and registration is encouraged as soon as possible. To apply, contact Allen Downs, Winter Quarter in Mexico, c/o Continuing Education in the Arts, 320 Wesbrook Hall, University of Minnesota, Minneapolis, Minn. 55455, or call 373-3663.

-UNS-

(A1,2,5,21,24;B1;C19,C21;E7)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
TELEPHONE: 373-5193
OCTOBER 24, 1974

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UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS
Oct. 27-Nov. 2

- Sun., Oct. 27---Jaques Gallery: Breckenridge Wildlife Art Show. Drawings and paintings by Dr. Walter J. Breckenridge. Bell Museum of Natural History aud. 9-5 p.m. Mon.-Sat., 9-9 p.m. Wed. and 2-5 p.m. Sun. Through Oct. 31. Free.
- Sun., Oct. 27---University Theater: Gilbert & Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theater. 7 p.m. \$3.50 non-students, \$2.50 students.
- Sun., Oct. 27---The Whole Coffeehouse: Folk festival with Dean Carr. 8:30 p.m. \$1.
- Mon., Oct. 28---The Whole Coffeehouse: Cartoons. Noon. Free.
- Tues., Oct. 29---Dance Concert: Alvin Ailey City Center Dance Theater. Northrop aud. 8 p.m. \$6, 5, 4, 3.50, 2.50.
- Wed., Oct. 30---Dance Concert: Alvin Ailey City Center Dance Theater. Northrop aud. 8 p.m. \$6, 5, 4, 3.50, 2.50.
- Wed., Oct. 30---Halloween Movies: "Black Sabbath," "Curse of Frankenstein," and "Corruption." Free cider and treats. St. Paul Student Center rouser room. 8 p.m. Free.
- Wed., Oct. 30---Rock Concert: Heartsfield country-rock band. West Bank aud. 8 p.m. Free.
- Wed., Oct. 30---Ski Swap: Bring in equipment to sell. St. Paul Student Center North Star ballroom. 9 a.m.-9 p.m.
- Wed., Oct. 30---U Film Society: "Dante's Inferno," directed by Ken Russell, 7:30 p.m., and "Oliver Twist," with Sir Alec Guinness, 9 p.m. Bell Museum of Natural History aud. \$1.50.
- Thurs., Oct. 31---Forum: Terence Ball presents a paper on Rousseau. 210 Anderson hall. 3:15 p.m. Free.
- Thurs., Oct. 31---Movies: "Voyage to Arcturus" and "Topper Returns." 310 Anderson hall, 1:15 p.m. 270 Anderson hall, 7:15 p.m. Free.
- Thurs., Oct. 31---Ski Swap: Bring in equipment to sell. 9 a.m.-12 noon. Sale. 5 p.m.-10 p.m. St. Paul Student Center North Star ballroom.

(OVER)

CALENDAR
PAGE TWO

- Thurs., Oct. 31---The Whole Coffeehouse: Jazz pianist Roy Meriwether and his trio. 8 p.m. \$2 in advance at MSA Bookstore, \$2.50 at the door.
- Fri., Nov. 1---Concert: Coffman Union main lounge. Noon. Free.
- Fri., Nov. 1---Ski Swap: Sale. St. Paul Student Center North Star ballroom. 10 a.m.-3 p.m.
- Fri., Nov. 1---U Film Society: "The Harder They Come," Jamaican musical starring Jimmy Cliff. Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.
- Fri., Nov. 1---University Theater: Gilbert and Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theater. 8 p.m. \$3.50 non-students, \$2.50 students.
- Fri., Nov. 1---The Whole Coffeehouse: Vassar Clements. 8:30 p.m. \$2 in advance at MSA Bookstore, \$2.50 at the door.
- Sat., Nov. 2---Horror Movies: Coffman Union main ballroom. 7:30-12:30 p.m. \$1.
- Sat., Nov. 2---Ski Swap: Pick up unsold equipment. St. Paul Student Center North Star ballroom. 9 a.m.-1 p.m.
- Sat., Nov. 2---U Film Society: "The Harder They Come," Jamaican musical starring Jimmy Cliff. Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.
- Sat., Nov. 2---University Theater: Gilbert and Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theater. 8 p.m. \$3.50 non-students, \$2.50 students.
- Sat., Nov. 2---The Whole Coffeehouse: Vassar Clements. 8:30 p.m. \$2 in advance at MSA Bookstore, \$2.50 at the door.

-UNS-

(A1-6;B1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 24, 1974

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

MTR
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AGREEMENT ENDS
'U' STUDENT FAST

(FOR IMMEDIATE RELEASE)

A 12-day fast by a University of Minnesota student ended Wednesday (Oct. 24) with an announcement that a survey of University students, staff and faculty members on the use of head lettuce and table grapes will be conducted during winter quarter registration.

Roberto Acosta, a 23-year-old junior, began fasting Oct. 11, to protest University President C. Peter Magrath's decision to have the University purchase head lettuce and table grapes at the best market price. The decision followed a four-month University moratorium on the purchase of head lettuce and table grapes.

During the moratorium, a University task force on migrant worker issues debated the question of a University boycott of lettuce but was unable to reach consensus.

Acosta spent every weekday during his fast sitting in the reception area outside Magrath's office in Morrill hall on the Minneapolis campus.

The agreement Wednesday provides that Acosta, Paul H. Cashman, vice president for student affairs, and Robert Gardner, chairman and student member of the University task force on migrant worker issues, will prepare the survey.

The survey will be distributed with student registration materials for the winter quarter and to members of the faculty and staff with their pay envelopes.

Acosta had vowed to fast until a referendum was called on a lettuce boycott so the University community could indicate "willingness to sacrifice head lettuce and table grapes for social justice for farm workers."

Acosta said he hoped the survey would give the University a chance to consider a lettuce and grape boycott as a social and moral issue and not as a political question.

(MORE)

AGREEMENT

The agreement was announced by Cashman's office. Magrath was in Washington, D.C. attending a meeting but had conferred by phone with Cashman. Upon returning to his office late Wednesday afternoon, Magrath issued a statement on the agreement.

"I am pleased Mr. Roberto Acosta has ended his fast. I have respect for the obvious sincerity of his position, and I share a concern for the welfare of migrant farm workers in the United States," the statement read.

Magrath repeated his position that he feels it is unwise for the University "to become involved in an official and institutional fashion" in a demand for a lettuce and grape boycott. He said he still thinks that with the conflicting views on the question, there is not a "clear cut issue in the sense that one response is the clear moral superior to the other."

But he said the questionnaire results will be helpful to the office of student affairs and his office in an effort to gauge opinions on the issue.

A student referendum on a United Farm Worker boycott resolution was held in April with the vote 2,046 in favor and 363 against the resolution. University officials said at that time the vote was not significant, with just five per cent of students enrolled taking part.

-UNS-

(A2, 5, 11, 27; B1; C1, 4, 14, 19, 21; D12)

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UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
TELEPHONE: 373-5193
OCTOBER 24, 1974

CORRECTION

Information included in the Oct. 23 release, 'U' STUDENT GROUPS TO SPONSOR CONCERTS, was incorrect.

Admission to the Roy Meriwether performance is not free. Tickets are \$2 in advance and \$2.50 at the door.

A free performance for University students only by Heartsfield, country-rock band, will be held on Wednesday (Oct. 30). The program will not be open to the general public.

-UNS-

(A2,4,5,24,25;B1)

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UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 24, 1974

NEWS PEOPLE: For further information
contact DICK SHEEHAN, 373-7510

MAGRATH INAUGURATION
SLATED FOR NOV. 26

(FOR IMMEDIATE RELEASE)

The inauguration of C. Peter Magrath as the eleventh president of the University of Minnesota has been set for 2 p.m. Tuesday, Nov. 26, at Northrop auditorium on the Twin Cities campus.

After taking office in September, Magrath expressed a desire for a "simple, low-cost, low-key" inaugural ceremony. Classes will not be dismissed for the inaugural, but students who wish to attend and have to miss class to do so will be officially excused.

Invitations to march in an inaugural procession will be sent only to heads of Minnesota post-secondary institutions and some state officials, representatives from the five institutions of higher learning with which Magrath has been associated, University faculty members, provosts, vice presidents, deans, Regents' professors, Regents and alumni.

A more traditional inaugural approach is to invite representatives from every institution of higher learning in the country. Also by way of contrast, there will be no banquets, luncheons or other major events connected with the inaugural.

Following the inaugural procession from Walter Library to Northrop, the ceremony will include remarks by Regents' Chairman Elmer Andersen, the presentation of the University mace to Magrath by Gov. Wendell Anderson and a major address by Magrath.

The event is open to the public.

-UNS-

(A1-5;B1;C1,4,15,21)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
OCTOBER 25, 1974

MTR
W47
ZAP

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

FIRST 'U' BAND
DIRECTOR DIES

(FOR IMMEDIATE RELEASE)

Funeral services for Michael M. Jalma, 84, Cranford, N.J., the first director of the University of Minnesota marching band, were held Thursday, (Oct. 24) in Lyndon, N.J. Mr. Jalma died Monday of a heart attack.

Honored last June as University Band Master Emeritus, Mr. Jalma served as University bandmaster from 1919 to 1931.

It was Mr. Jalma who sought out John Philip Sousa and asked if he would write an official march for the University. "Minnesota March," played by the Sousa Band, had its debut at the Minnesota State Fair in 1927. Words for the march were written by Mr. Jalma.

During the time Mr. Jalma was director, the University band program went through its most dramatic change. He was the first director to organize a musical unit separate from a military band. Starting with a cadet band of only 35 men, no uniforms or accessories, he built the University organization into a 150-piece orchestra concert band. The early 20's saw the first trips by the marching band to Big Ten football games away from campus.

Mr. Jalma organized his first band at the age of 15 and attended the University from 1913 to 1915 and played trombone in the band. While serving in the Army during World War I, Mr. Jalma's 151st Regiment, Rainbow Division, Gopher Gunner band, recovered the musical library of a retreating German regimental band. The 600 selections later became part of the Jalma Library donated to the University.

Mr. Jalma is survived by his wife, Jane. She resides at 410 Brookside Place, Cranford, N.J.

-UNS-

(A1,2,4,24;B1;C1)

UNIVERSITY OF MINNESOTA
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OCTOBER 25, 1974

MTR
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NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

'U' CHILD CARE
CENTER TO OPEN

(FOR IMMEDIATE RELEASE)

The University of Minnesota child care center will open its doors Monday (Oct. 28) to admit 44 pre-school-age children of University students, staff and faculty. Facilities for eight infants---from three months of age---and 21 toddlers will open next month.

The center, at 1818 Fourth St. So., was approved last June by the Board of Regents with \$81,600 from the University Regents' Fund for the center's first year of operation. An additional \$62,400 will come from parent user fees.

The establishment of the center in the Grainger Building on the West Bank, formerly used by the Minnesota Student Association, capped an intensive campaign by child care center supporters. A University task force on child care was appointed in 1971 and after a two-year study recommended that the University establish a day care center.

Director of the center is Sue Johnson, former director of pre-school activities in St. Cloud, Minn. She heads a staff of four teachers, six assistants and four part-time staff members.

Johnson said 95 applications were received for the 75 available spots. Fees are on a sliding scale from \$15 to \$45 per week per child and the center is open five days a week from 7:30 a.m. to 5 p.m. Fifty of the children are enrolled fulltime with the remainder coming either mornings or afternoons.

Hot lunches will be provided by the Minneapolis Public Schools with food heated in the day care center kitchen. Two snacks will also be served daily.

Sally Kilmer, academic coordinator for the center, said efforts are underway to involve University students in a number of ways with the center.

-UNS-

(A1-5,21,27;B1;D12)

(FOR RELEASE ANY TIME)

Feature story from the
University of Minnesota
News Service, S-68 Morrill Hall
Telephone: (612) 373-5193
October 25, 1974

MTR
N47
JH4P

CRIB DEATHS: NEW
RESEARCH MAY HOLD KEY

by Elizabeth Petrangelo
University News Service Writer

This year, in the U.S. alone, 10,000 babies will be brought into hospital emergency rooms dead on arrival.

Pathologists, after careful and thorough autopsies, will be unable to find anything severe enough to cause death.

These children will be 1975's victims of the sudden infant death syndrome (SIDS), a killer that baffles researchers and can strike the same parents more than once.

According to a New York researcher, clues to the causes of SIDS, or "crib death" as it is sometimes called, may be found by studying something very simple---sleep.

Speaking as part of the 1974 Minnesota symposium on child psychology at the University of Minnesota last night (Thursday), Alfred Steinschneider from the State University of New York told his audience that SIDS invariably occurs during sleep and that sleep can sometimes be a very strenuous exercise.

"There are times during sleep when each of us goes through a kind of physiological storm, characterized by marked changes in respiration, drops in blood pressure, all kinds of things," he said. "And just about all of us, sometime during sleep, will stop breathing."

It is these pauses in breathing, a phenomenon called apnea, that may be a major factor in SIDS, Steinschneider said. And if a baby fails to start breathing again during apnea, an autopsy will fail to turn up any clear-cut cause of death.

According to Steinschneider, one of the things that has hung up researchers for years is the belief that all babies who are victims of the SIDS phenomenon die. "To me that's impossible," he said. "Just on chance alone, there must be babies who have been found in trouble and been helped."

But doctors wouldn't recognize these cases since they don't know what to look for. "For example, a mother may check on her baby while it is asleep and find it perhaps not

(MORE)

breathing and turning blue," he said. "She'll administer resuscitation and rush the baby to the hospital.

"By the time the doctor gets there, the baby's just fine, but the mother's hysterical. Unfortunately, a number of these same babies come back dead," he said. "We should be looking at all of these babies that require resuscitation."

Steinschneider has been doing just that. He studied several babies, all brought into the hospital after requiring resuscitation by their parents. Each baby was connected to an "apnea monitor," a machine which rings an alarm when the baby stops breathing.

On a number of occasions, these babies stopped breathing for prolonged periods of time---sometimes recovering spontaneously and sometimes needing help. Eventually, two of them died: the fourth and fifth children of a family that had lost three previous babies through SIDS.

After years of study, researchers have been able to say with relative certainty that the following is known:

---The SIDS problem is international in scope.

---2 1/2 to 3 out of every 1,000 babies will die this way.

---Of all babies who die between one week and one year of age, 40 to 50 per cent are victims of SIDS.

---SIDS occurs most often in infants between the ages of two and four months.

It is rare after one year.

---The baby most at risk is the smaller baby at birth.

---There is an increased incidence of SIDS in babies who have colds.

---It is more apt to occur during the winter months.

---Males are more at risk than females.

---American Indians are affected 10 times more often than Caucasians, and blacks are affected four times more often.

---There is a slight familial tendency towards SIDS, meaning that the family that loses one child to SIDS has a chance of losing another.

(MORE)

Steinschneider, combining the knowns with his own ideas on the relevance of sleep apnea to SIDS, is now involved in a longitudinal study of thousands of babies.

So far, he has reached a few preliminary conclusions. "We have discovered that at 25 days of age, the smaller the babies, the more frequently they hold their breath during sleep," he said. "Also, as these babies get older, the frequency of apnea increases and then decreases. So it gets worse before it gets better."

Also, he found that a large percentage of babies will stop breathing for as long as 20 seconds, but that most of them start again spontaneously. "So apnea is not the only variable," he said. "Severity of the episode depends in large part on the heart rate. The lower the heart rate goes, the more chance of a severe episode."

However, Steinschneider said his findings suggest SIDS babies are holding their breath "not once, but many, many times and most times they pull out."

Steinschneider has made several observations during his study, none of them empirically proven, but all worthy of further research, he said. "For instance, I have seen time and time again the baby who stops breathing at home all of the time, but does not do it very often in the hospital," he said.

"It is very possible that external stimulation (noise) may be playing a part here," he said. "We also find that babies at home on apnea monitors do beautifully when there is noise, a radio, the television, a party going on."

And, he said, tactile stimulation may also help. "We found that if you rub the baby's belly, it reduces the incidence of prolonged apnea."

Perhaps most interesting, Steinschneider said parents whose babies are on apnea monitors can often predict when their baby will have a particularly bad nap--when the baby's routine has been disrupted, if the baby's been allowed to get irritable and if the baby cried prior to the nap.

"This suggests that altering the parenting style could affect the incidence of apnea and SIDS," Steinschneider said.

So far, in his work, Steinschneider said he has been able to form several conclusions. First, SIDS is a combination of apnea, severity of the episode, heart rate and stage of sleep.

Secondly, environmental and experiential variables may decrease the incidence of SIDS. And, finally, "There are babies suffering spontaneous asphyxia all of the time and we never know it because they pull out.

"Whether this has an effect on their development we do not know," he said. "But it appears those babies that have prolonged apnea episodes do not develop as well as they should, except for those that are on monitors."

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OCTOBER 28, 1974

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

RAPE DISCUSSED
AT 'U' SPEAKOUT

(FOR IMMEDIATE RELEASE)

"I couldn't believe it was happening. I was being raped."

Eighteen-year-old Vicki Vliet, a student at the University of Minnesota, talked about those terror-filled minutes of 10 days ago at a 'speakout on rape' Saturday (Oct. 26) at the University of Minnesota.

She joined other rape victims in a panel discussion to increase public awareness of rape and its victims.

Vliet said she felt sorry for women whose fear of reporting a rape to police "maybe led to my rape."

Although she did not regret going to the police, Vliet reported frustration at police refusing to let her look at mug books in an effort to identify her attacker. "I was told to go downtown the following Tuesday because some of the departments were closed on weekends. I knew what he looked like then but now I probably couldn't identify him if he walked up to me now," Vliet said.

An effort to improve the treatment of rape victims by law enforcement and hospital personnel is underway with a program directed by Bob Flint of the University's student counseling bureau.

Flint conducts a workshop using a "right way" and "wrong way" film of a rape investigation. "We break into small groups after each segment to evaluate what was done," Flint said.

"Officers want to show compassion but are afraid how it will look so they hide behind their clipboard and ask the woman how she spells her name," Flint said.

(MORE)

Taking part in workshops during "speakout" was Judge David Leslie, who defended the practice of plea bargaining as essential. "If we didn't do that, millions of dollars would be necessary for judges and court reporters to try all the cases," Leslie said.

New laws have been passed in Michigan, Iowa and California that limit the degree to which a woman's background may be probed during a rape trial. Leslie said judges must use discretion in what evidence they allow to be admitted.

In addition to helping the rape victim, there is a need to help the convicted rapist, he said. Leslie said it would be easier to get convictions if juries knew the defendant would get treatment. At present, there is only one program in Minnesota for sexual offenders.

Twenty-eight year old Joan McGrath said the man who attacked her is now in Stillwater but not getting the help he needs, the help he asked for in a confession. "I have pity for him and I fear for society," McGrath said.

In a wrap-up session, participants at the 'speakout' expressed the hope that the public will realize that rape victims do not ask to be raped and do not enjoy being raped and that "character assassination" of rape victims in court will stop.

The speakout was sponsored by the Women's Coalition Against Rape.

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(A2, 5, 13, 21; B1; C1, 4, 18)

(FOR RELEASE: FALL 1974)

Feature story from the
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News Service, S-68 Morrill Hall
Telephone: (612) 373-5193
October 28, 1974

MTR
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TV SHOWS AFFECT CHILDREN'S ACTIONS:
HELPING OR VIOLENT

by Bill Hafling
University News Service Science Writer

If a person has witnessed more than 8,000 murders and many more beatings and fights, what sort of person must he be? Would you be afraid of such a person?

The questions are realistic because this is the amount of violence the average American youngster views on television before reaching the age of 14.

Aletha Huston Stein and Lynette Kohn Friedrich of Pennsylvania State University have been trying to pin down some answers to these questions in research with children. They reported their results to the ninth annual University of Minnesota Symposium on Child Psychology recently.

In a variety of studies in different settings, Stein and Friedrich showed groups of children television programs which were violent ("Batman" and "Superman"), neutral (nature programs, circuses, etc.), and sociable ("Mr. Rogers"). They then attempted to determine the effects of repeated exposure to such content and the durability of these effects.

In general their findings fit well with those of other researchers on the effects of television program content and later behavior:

Aggressive television shows produced effects on aggressive behavior and on self-regulation. "One of the most clear-cut findings in the study was a sharp decline in tolerance of delay by children who saw the aggressive programs. They also declined some in rule obedience," their research report states. "Both of these findings suggest that the aggressive programs led to reduced willingness on the part of the children to exert self-control or to tolerate minor frustrations."

(MORE)

Adding that self-control is often slow in developing in young children, they said that the effects of violent television programs on self-control may be "at least as important as the effects on aggressive behavior itself."

Children who were already more aggressive than average became even more aggressive after watching the violent shows than did children watching the neutral shows.

TV Can Also Promote Sociable Behavior

"The pro-social television programs also were associated with some predicted changes in behavior," the report stated. Children who viewed the more sociable "Mr. Rogers" programs "showed increases in task persistence" and "tended to increase in rule obedience and tolerance of delay as well."

"Task persistence represents one form of achievement behavior," the report stated. "Such behavior is one of the best indicators of achievement motivation in young children. It is also likely to facilitate success in tasks attempted."

Another study included children from very poor rural families, a large number from stable working-class families and a few children of college students. After watching the "Mr. Rogers" programs, the children from the lower-income groups showed measurable increases in sociable behavior toward others.

"That group showed increased cooperative play, nurturance, and verbalization of feeling when they were shown the pro-social programs," the researchers found. They said this finding also answered an argument that the "Mr. Rogers" program "appeals primarily to middle-class children," in that the show was found to appeal to all children.

Attention is Hard to Measure

Television producers, particularly those attempting to pre-test commercials, have long put a lot of faith in whether or not viewers appear to be paying close attention to a show. The child psychologists' research shows that this may not be such a good test of the effect of a program as producers may think.

(MORE)

"Visual attention to the aggressive and pro-social programs was not related to behavior change," the researchers found. For example, "children were less attentive to the pro-social programs than to the neutral or violent programs, but behavioral changes occurred. It is possible that some learning occurs through auditory attention even when children are not visually attending."

Results in further studies have led the psychologists to some tentative conclusions about "pro-social" television: "Children can learn a variety of rather complex ideas from brief exposures to television---understanding feelings, sharing, helping, knowing that wishes do not make things happen, and appreciating the value of an individual as a unique person. More important, they are able to generalize televised content to situations in their own lives."

-UNS-

(A1-5,9,10,13,21;B1,5,9,10;C1,2,4,20;E5,12,27)

UNIVERSITY OF MINNESOTA
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MINNEAPOLIS, MINNESOTA 55455
OCTOBER 29, 1974

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NEWS PEOPLE: For further information
contact Judy Vick, 373-7515

RED LAKE INDIANS
SUBJECT OF NEW BOOK

(FOR RELEASE ANY TIME BEFORE MARCH 1, 1975)

In Northern Minnesota, on a half million acres of woodland and water, 4,000 Chippewa Indians (Anishinabe or Ojibway) live as a semi-sovereign nation, maintaining many of the ways of their ancestors and blending them with modern life.

These people, the Red Lake Chippewa band, are the subject of a new book, "Indian and Free: A Contemporary Portrait of Life on a Chippewa Reservation," published by the University of Minnesota Press. The text and photographs are by Charles Brill, Kent State University faculty member and former Minneapolis Tribune photographer.

Red Lake is an unusual reservation because of its legal status as a closed reservation. This means that the land was never ceded to the U.S. government and then returned to the Indians, but was retained by the Red Lake people by right of conquest and aboriginal title and none of the land was parceled out for sale to white men.

The Red Lake Chippewas govern themselves through their own Tribal Council and maintain their own way of life.

The 160 photographs in the book, many of which have been shown throughout the United States and Canada in a traveling exhibition titled "Portrait of a Chippewa," show the people in both traditional and modern activity.

The weathered faces of the old people are contrasted with the exuberance of the children and young people. Activities pictured range from ricing and a traditional funeral to shooting pool and washing clothes in a laundromat. There are numerous photographs of community gatherings, such as picnics and powwows.

(MORE)

"From the beginning I felt an urgency to record what still remained of the old ways," said Brill, who visited and lived on the reservation over a period of 10 years. Last spring Brill was given the Indian name, Kenew, which means Golden Eagle. He has designated his proceeds from the sale of the book for the Red Lake Chippewa band.

"I regard each of the more than 10,000 photographs from which those in the book are drawn as a gift to me by the people of Red Lake," Brill said. "Thanks to their generosity and willingness to let me share in their daily activities, I have begun to understand the meaning of the words 'the Indian way.'" he said.

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(A1,2,10,12,27;B1;E12,15,30)

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MINNEAPOLIS, MINNESOTA 55455
OCTOBER 29, 1974

NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

TWO ENGINEERS
TO BE HONORED

(FOR IMMEDIATE RELEASE)

An engineering analyst and an air safety expert will receive University of Minnesota Outstanding Achievement Awards Friday (Nov. 1) at the St. Paul Hilton Hotel.

Homer Brown and Donald M. Stuart will receive the awards in ceremonies beginning at 6 p.m. as part of the Institute of Technology Alumni Association annual meeting.

Brown, currently teaching in South America for the Brazilian government, earned a bachelor's degree in electrical engineering from the University in 1930.

He is considered a pioneer in using digital computers to solve large-scale power systems problems. He contributed to industry acceptance of a new approach to system analysis and control.

Brown is a former staff engineer for Commonwealth Edison Company of Chicago, Ill., and has held positions as visiting professor at several universities.

Stuart, now retired, graduated from the University in 1928. During his long career, he developed several significant radio aids to air navigation, including the 75-MC marker beam and the omirange directional radio ranges, both now standard aids in international navigation.

He was appointed director of the Civil Aeronautics Administration Technical Development Center in Indianapolis and in 1959 he became the first vice president and general manager of the Hazeltine Corporation Technical Development Center.

The Outstanding Achievement Award is the highest honor the University gives to its former students.

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(A1,2,5,7;B1;C1)

UNIVERSITY OF MINNESOTA
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OCTOBER 29, 1974

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NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

U OF M FOUNDATION
ELECTS OFFICERS

(FOR IMMEDIATE RELEASE)

Curtis L. Carlson was elected president of the University of Minnesota Foundation board of trustees at their annual meeting in St. Paul recently.

Carlson, who served as treasurer for the board last year, succeeds James Binger.

A graduate of the University of Minnesota and a Minneapolis native, Carlson is chairman of the board of Carlson Companies, Inc., which includes Gold Bond Stamp Co., Radisson Hotel Corp., Performance Incentives Corp., Carlson Properties, Inc., and Ardan Jewelers and Distributors.

The other newly elected officers are Julius Davis, Raymond Plank, Jay Phillips and Harold Sweatt, all senior vice presidents; Clifford Sommer and William MacPhail, vice presidents; and Robert Odegard, vice president and executive director.

Marjorie Howard was elected secretary, John G. Ordway, Jr., was named treasurer and Richard L. Meyer will serve as assistant secretary. Donald C. Dayton will continue as chairman of the board.

In addition, several new members were named to the board of trustees: John Yngve, Nortronics Company, Inc.; Erwin Kelm, Cargill, Inc.; Raymond Mithun, Campbell, Mithun, Inc.; Harry Heltzer, Minnesota Mining and Manufacturing Co.; Samuel Maslon, The Malson Foundation; Otto Silha, Minneapolis Star and Tribune Co., and Paul L. Parker, General Mills.

The University of Minnesota Foundation, begun in 1962, is a non-profit corporation that solicits gifts to the University to support projects that are not funded by tax money.

UNIVERSITY OF MINNESOTA NEWS EVENTS

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
TELEPHONE: 373-5193
OCTOBER 29, 1974

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(For more details, contact News Service writer whose name is given by each item.)

FOURTH METRO GROWTH SESSION SET

(Elizabeth Petrangelo)

The fourth session of talks on the management of Twin Cities growth is scheduled for 3:30 p.m. Wednesday (Nov. 6) in 125 Auditorium Classroom building on the University of Minnesota West Bank.

Discussion will focus on where new growth should take place and speakers include Dennis Dunne, vice president of public affairs, Northwest Bankcorporation and member of the Metropolitan Council; Erv Chorn, president, Council of Community Councils; Robert von Hoef, vice president, First National Bank, St. Paul, and Fred Lukermann, University professor of geography.

The series was organized by Arthur Naftalin, former Minneapolis mayor and University public affairs professor, and is sponsored by the University of Minnesota and 24 community organizations.

Fee for Wednesday's session is \$1.50 at the door.

###

STEWART UDALL TO SPEAK AT 'U'

(Ronaele Sayre)

Former secretary of the Interior Stewart Udall will be the guest speaker at the opening program Monday (Nov. 4) of a week-long "Limits to Growth" program at the University of Minnesota.

Udall will speak on the "Agenda for Tomorrow" at noon Monday in the main ballroom of Coffman Union.

University faculty members will participate in panel discussions throughout the week on such topics as world economics, resource depletion, pollution, population, world hunger and "postmodern" alternatives. There will also be a multi-media show on the development of "growth mentality" in America.

The series is sponsored by the Coffman Union Program Council and the Minnesota Public Interest Research Group. All programs will be held between 11 a.m. and 2 p.m. in the Coffman Union main ballroom.

-UNS-

(A1,2,4,5,10,15,18,27;B1)

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UNIVERSITY OF MINNESOTA
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OCTOBER 31, 1974

NEWS PEOPLE: For further information
contact JUDY VICK, 373-7515

'U' THEATER TO PRESENT
'OH DAD, POOR DAD'

(FOR IMMEDIATE RELEASE)

"Oh Dad, Poor Dad, Mama's Hung You in the Closet and I'm Feelin' So Sad," a play by Arthur Kopit, will be presented in Rarig Center at the University of Minnesota Nov. 5 through Nov. 10 (Tuesday through Sunday).

Director William Partlan, a graduate student, describes the play as "the world view of a Harvard undergraduate." The playwright describes it as a "pseudo-classical tragifarce, in a bastard French tradition."

The student cast includes Allyn Sitjar, Thomas G. Hoffman, Barbara Morin, John Arthur Olson and Brian Cross.

Performances are at 8 p.m. Nov. 5 through Nov. 9 and also at 2 p.m. Saturday, Nov. 9, and at 7 p.m. Sunday, Nov. 10. Admission is \$3.50 for the general public and \$2.25 for students and senior citizens. Tickets are on sale at Rarig Center and Dayton's.

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(A1-5,24,25;B1)

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OCTOBER 31, 1974

NEWS PEOPLE: For further information
contact DICK SHEEHAN, 373-7510

JAQUES GALLERY FEATURES
WILDLIFE PAINTINGS, DRAWINGS

(FOR IMMEDIATE RELEASE)

Wildlife paintings and drawings by Geri Arnold, a native of Silver Lake, Minn., will be on exhibit in the Jaques Gallery of the Bell Museum of Natural History at the University of Minnesota, Nov. 1 through 30.

Arnold's style is realistic and finely textured and is a result of working directly from live animals. Currently a native of Bemidji, she studied art at the Paier School of Art, Hamden, Conn., the Honolulu Academy of Art and the American School of Art in Jacksonville, Florida.

Arnold's last exhibit was at the Neeley Agency in New York City and she has had a one-person show in Nice, France.

Admission is free. Hours are 9 a.m. to 5 p.m. Monday through Saturday, 9 a.m. to 9 p.m. Wednesday and 2 p.m. to 5 p.m. Sunday.

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UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
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OCTOBER 31, 1974

NEWS PEOPLE: For further information
contact BILL HAFLING, 373-7514 or
HERBERT ISBIN, 373-2310

MEMO TO NEWS PEOPLE

There will be a news conference at 10:00 a.m. Monday (Nov. 4) for Frank K. Pittman, Ph.D., director of the U.S. Atomic Energy Commission's (AEC) Division of Waste Management and Transportation. The conference will be held in the University News Service news conference room in Morrill hall.

Pittman, who will be on campus to speak to the class on "Public Issues of Nuclear Power" the same afternoon, has been with the AEC since 1971 fulltime. Pittman's involvement with nuclear technology has been extensive. Prior to joining the AEC for the first time in Washington in 1948, he worked at the Los Alamos Scientific Laboratory in New Mexico for four years.

He served as director of the AEC's division of reactor development from 1958 to 1964 and was awarded the AEC Distinguished Service Award in 1964. From 1964 to 1967 he was special assistant to the corporate vice president for marketing at North American Aviation and was director of technical service in the nuclear division of the Kerr-McGee Corporation from 1967 to 1971.

Pittman holds a doctor of philosophy degree (Ph.D.) in inorganic chemistry from the Massachusetts Institute of Technology (MIT).

Copies of AEC fact sheets on "Commercial High-Level Radioactive Waste" and an environmental impact statement draft on "Commercial High-Level and Transuranium-Contaminated Waste" will be available at the news conference.

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(A1-5, 7, 8, 15, 18; B1, 9; C1)

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OCTOBER 31, 1974

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS
Nov. 3-9

- Sun., Nov. 3---St. Paul Student Center Gallery: Mahmoud Toussi, sculpture, North Star gallery; Phyllis Halverstadt, color problems, main lounge. Hours, 8 a.m.-10 p.m. Mon.-Fri. Opening, refreshments served, main lounge, 3-5 p.m. Exhibit up through Nov. 29. Free.
- Sun., Nov. 3---St. Paul Student Center Gallery: John Olson, contemporary wildlife, rouser room gallery; Louis Solberg, rosemahling, display cases. Through Nov. 29. Hours, 8 a.m.-10 p.m. Mon.-Fri. Free.
- Sun., Nov. 3---Jaques Gallery: Wildlife paintings and drawings by Geri Arnold. Bell Museum of Natural History. 9-5 p.m. Mon.-Sat., 9-9 p.m. Wed. and 2-5 p.m. Sun. Through Nov. 30. Free.
- Sun., Nov. 3---University Theater: Gilbert and Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theater. 7 p.m. \$3.50 non-students, \$2.50 students.
- Sun., Nov. 3---The Whole Coffeehouse: Open Stage. 8:30 p.m. Free.
- Mon., Nov. 4---Cartoons: Coffman Union Gopher Hole. Noon. Free.
- Mon., Nov. 4---Workshop: Yoga. St. Paul Student Center room 202. 5-6 p.m. \$8 for 5 weeks.
- Tues., Nov. 5---Concert: Rajko Hungarian Gypsy Orchestra and Dancers. Northrop aud. 8 p.m. \$6, 5, 4, 3.50, 2.50.
- Tues., Nov. 5---Movies: "The Dentist," with W.C. Fields, "Rocking thru the Rockies," with The Three Stooges, and "Sparring Partner," with Charlie Chaplin. St. Paul Student Center North Star ballroom. Noon. Free.
- Tues., Nov. 5---University Theater: "Oh Dad, Poor Dad; Mama's Hung You in the Closet and I'm Feelin' So Sad." Rarig Center, West Bank. Through Nov. 9. 8 p.m. Mon.-Fri., 2 and 8 p.m. Sat. \$3.50 general public, \$2.25 students and senior citizens. Tickets may be purchased at Rarig Center and Dayton's.
- Wed., Nov. 6---Workshop: Crochet. St. Paul Student Center room 207. 5:30-7:30 p.m. for three weeks. Free.
- Fri., Nov. 8---Concert: Coffman Union main lounge. Noon. Free.
- Fri., Nov. 8---Movie: "The Fox." Coffman Union main ballroom. 8 and 10 p.m. \$1.50 students.
- Fri., Nov. 8---Recital: In-Sook Kim, piano. Scott hall aud. 8 p.m. Free.

(OVER)

CALENDAR
PAGE TWO

- Fri., Nov. 8---U Film Society: "The Little Theater of Jean Renoir," four sketches including Renoir and Jeanne Moreau. Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.
- Fri., Nov. 8---University Theater: Gilbert and Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theater. 7 p.m. \$3.50 non-students, \$2.50 students.
- Fri., Nov. 8---The Whole Coffeehouse: Josh Graves and Steve Young. 8:30 p.m. \$2 in advance at MSA Bookstore, \$2.50 at the door.
- Sat., Nov. 9---Concert: Pinchas Zukerman, violinist. Northrop aud. 8 p.m. \$5, 4.50, 4, 3.50, 2.50.
- Sat., Nov. 9---Movie: "The Fox." Coffman Union main ballroom. 8 and 10 p.m. \$1.50 students.
- Sat., Nov. 9---U Film Society: "The Little Theater of Jean Renoir," four sketches including Renoir and Jeanne Moreau. Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.
- Sat., Nov. 9---University Theater: Gilbert and Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theater. 8 p.m. \$3.50 non-students, \$2.50 students.
- Sat., Nov. 9---The Whole Coffeehouse: Josh Graves and Steve Young. 8:30 p.m. \$2 in advance at MSA Bookstore, \$2.50 at the door.

-UNS-

(A1-6;B1)

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UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 1, 1974

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

BERNADETTE DEVLIN
TO SPEAK AT 'U'

(FOR IMMEDIATE RELEASE)

Bernadette Devlin, Northern Ireland civil rights activist, and former Independent Socialist member of Parliament, will speak at 8 p.m. Saturday Nov. 9 at the West Bank Union, 110 Anderson hall, University of Minnesota.

Her topic will be "The Struggle in Northern Ireland."

Her appearance is sponsored by the West Bank Union, Union Program Council, Young Socialist Alliance, Northern Irish Aid and Militant Forum.

-UNS-

(A1-5,21,27,B1;C1,4)

UNIVERSITY OF MINNESOTA
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NOVEMBER 1, 1974

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9/14/74

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

LEADERSHIP PROBLEMS
FOR NURSING PROFESSION

(FOR IMMEDIATE RELEASE)

A former president of the National Organization of Women admits she is a registered nurse. She didn't always admit it.

Revelations such as that may be the sparks necessary to get the nursing profession active in the feminist movement, according to Dr. Marguerite Schaefer, former dean of nursing at the University of Pittsburgh.

Schaefer spoke Thursday (Oct. 31) at the University of Minnesota before the University Nursing Council.

"As a profession having nearly two million members, nursing is a sleeping giant," said Schaefer, "and we can't afford as a nation to let it sleep."

In her work as a consultant for nursing services, Schaefer has found the profession plagued by problems. She said that one way of "getting the giant awake" is through management development.

But the nursing profession, as a predominantly female occupation is a "microcosm of what is true for women in society," said Schaefer. She said it was "pitiful" that 75 per cent of nursing supervisors do not have a management background.

The leadership problems are directly related to poor communication within the profession and the result is that "the patient falls through the cracks," said Schaefer.

Leadership for the profession can come from within or without, said Schaefer, who is not a nurse and has a doctorate in biochemistry and nutrition. The important thing is for one to have an understanding of the problems and what must be done about them.

(MORE)

She reports the nursing profession at the present time has no way to develop people into leadership. "I have had cardiac care nurses, experts in what they do, ask me what they can go on to," said Schaefer. She suggested programs that have nurses enroll in law school and other disciplines for leadership background and training.

The prospect of some form of federal health programs in the near future will require effective and efficient directors of nursing and Schaefer said many of the present directors may be replaced by men who have had background in management. "I am very, very worried about that," said Schaefer.

-UNS-

(A1-5, 8, 22; B1, 5; C1, 4)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 4, 1974

NEWS PEOPLE: For further information
contact BILL HUNTZICKER, 373-7512

MEMO TO NEWS PEOPLE

A discussion with students from the University of Minnesota Duluth campus will highlight the regular meetings of the Board of Regents when they meet in Duluth Friday (Nov. 8).

The student concerns committee of the board will meet with the students at 8:30 a.m. in 250 Kirby student center. The committee had a similar meeting with students on the University's Waseca campus last month.

At the same time, University President C. Peter Magrath, Regents' Chairman Elmer L. Andersen and other interested Regents will meet with members of the American Institute of Mining, Metallurgical and Petroleum Engineering to discuss the future of mining research at the University. The discussion will be in the Regents' room, 250 administration building.

The full board will meet at 10:15 a.m. in the Alice Tweed Toughy room of the Tweed Museum of Art.

The regular committee meetings will be Thursday (Nov. 7) on the Twin Cities campus. They are:

--9 a.m., executive committee and committee of the whole, Regents' room, 238

Morrill hall;

--9:45 a.m., educational policy and long-range planning committee, Regents' room;

--9:45 a.m., student concerns committee, 300 Morrill hall;

--10:45 a.m., faculty, staff and public relationships committee, Regents' room;

--10:45 a.m., physical plant and investments committee, 300 Morrill hall;

--1 p.m., budget, audit and legislative relationships, Regents' room;

--1 p.m., health sciences committee, 300 Morrill hall.

The health sciences committee is expected to name a board of governors for University hospitals and the student concerns committee will discuss proposed bylaws for University health service hospitals and minor revisions of the student conduct code.

-UNS-

(A1-5;B1;C1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
TELEPHONE: 373-5193
NOVEMBER 4, 1974

CORRECTION

Incorrect information was given in a News Service release dated Nov. 1. Bernadette Devlin will speak at 8 p.m. on Nov. 9 in 175 Auditorium Classroom Building on the University of Minnesota West Bank.

-UNS-

(A1-5,21,27;B1;C1,4)

UNIVERSITY OF MINNESOTA NEWS NOTES

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
TELEPHONE: 373-5193
NOVEMBER 4, 1974

(For more details, contact News Service writer whose name is given by each item.)

'STAR OF BETHLEHEM' LECTURE SCHEDULED (Bob King)

Karlis Kaufmanis, University of Minnesota astronomy professor, will give his "Star of Bethlehem" lecture to parents of University students Wednesday, Nov. 13, in 125 Auditorium Classroom Building on the University's West Bank.

Kaufmanis' lecture is sponsored by the University of Minnesota Parent's Association and is open to all parents of University students.

Refreshments will be served at the conclusion of the lecture.

###

U OF M CHEMISTRY PROF WINS GRANT (Bill Hafling)

Robert G. Bryant, a University of Minnesota associate professor of chemistry, has been awarded a \$25,000 Camille and Henry Dreyfus Teacher-Scholar Grant.

Awarded to young faculty members in chemistry, chemical engineering and related sciences, these grants are awarded in recognition of demonstrated teaching ability and "imaginative" research.

Bryant will have discretion over how the funds are spent, within certain guidelines.

The purpose of the grant is to give the recipient maximum freedom in developing his potential as a teacher and a scholar.

-UNS-

(A1,2,4,5,7,10,21,27;B1,9;C1,4;E2)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 5, 1974

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

M.R.
J. H. P.

ENERGY CRISIS STILL
EXISTS, UDALL SAYS

(FOR IMMEDIATE RELEASE)

The energy crisis of last winter is still with us and it is likely to be even more severe in the months ahead than it was a year ago.

That warning was issued this week by Stewart Udall, former Secretary of the Interior, in a speech at the University of Minnesota opening a weeklong series on limits to growth.

Udall said the prospect of renewed fighting in the Mideast and another oil embargo would find the U.S. "less self-sufficient than a year ago." In the last year, Udall said, U.S. oil production has declined five per cent and reserves have also declined. At present levels of consumption, the U.S. has a six-year supply of oil.

Udall said the U.S., like other countries, is unwilling to admit to problems. He said officials are "horrified" at the prospect of gasoline rationing, but he feels such a sacrifice is necessary.

"We could have a 20 per cent cut in use of cars and not affect our lifestyle," Udall said. But, he added, restraints and conservation are hard for Americans to support because their leaders have not said they are necessary.

The energy crisis makes it necessary to "put a bridle on oil companies and bring them down to size," Udall said. He said the U.S. cannot look to Canada for help and said Minnesota and other northern states must recognize the value of the Alaska pipeline for their supply of oil.

Udall said the present situation is the result of a "technical panacea" that followed World War II in which there was no apparent impediment to development, with an inexhasutable supply of resources.

(MORE)

But the energy crisis has found us in transition from an age of abundance to an age of scarcity, Udall said. "The trouble with our time is that the future is not what it used to be."

He said the U.S. is spending \$30 billion a year on oil and cannot continue at that level. "We have no right to demand that the Arab nations continue to pump oil at the rate we demand," he said.

The limits to growth talks, sponsored by the Coffman Union Program Council and MPIRG, also covered world economics, resource depletion, pollution, population, world hunger and third world perspectives.

-UNS-

(A2,5,18;B1;C1,4)

UNIVERSITY OF MINNESOTA
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MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 5, 1974

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NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

'U' EDUCATORS' DAY TO COVER
AFFIRMATIVE ACTION LAW

(FOR IMMEDIATE RELEASE)

Sex bias in school, and what it means morally and legally to the institution involved, will be the focus of this year's University of Minnesota-sponsored Educators' Day Saturday, Nov. 23, at the Radisson Hotel downtown in Minneapolis.

An annual event, Educators' Day is open to all interested Minnesota school people, and is intended especially for those who must redesign curricula, update personnel practices and provide leadership in eliminating sex bias in schools.

Bernice Sandler, executive associate for the Association of American Colleges in Washington, D.C., will give a talk on Title IX of the Education Amendment Action of 1972, which prohibits discrimination on the basis of sex in educational programs and activities receiving federal assistance. Sandler's talk is scheduled for 10:30 a.m.

At 12:30 p.m., Arvonne S. Fraser, president of the Women's Equity Action League, will speak on "Women and Washington: A National Perspective."

Other speakers and topics include Eloise M. Jaeger, director and professor of physical education, University of Minnesota, implications for interscholastic athletics; John W. Jackson, State commissioner of personnel, the administrative role in compliance; Nina Rothchild, author of "Sexism in Schools: A Handbook for Action," non-sexist curriculum; and Joyce T. Jackson, principal, Minneapolis Central High School, implications for personnel directors and school administrators.

Cost for the day is \$15, which includes lunch. Registration should be completed by Nov. 15. To register, contact Director, Department of Conferences, Nolte Center for Continuing Education, University of Minnesota, Minneapolis, Minn. 55455.

Educators' Day is sponsored jointly by the Minnesota Department of Education and the University of Minnesota's College of Education, department of conferences and department of educational administration.

-UNS-

(A1-5,16,21,27;B1,8;C1,4,18,19,20,21)

UNIVERSITY OF MINNESOTA
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MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 5, 1974

MTR
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NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

SEX BIAS IN ATHLETICS
TO BE TOPIC OF HEARINGS

(FOR IMMEDIATE RELEASE)

The problem of discrimination against women in intercollegiate athletics will be among items to be discussed at open hearings Monday and Tuesday (Nov. 11 and 12) on the University of Minnesota Twin Cities campus.

The hearings, sponsored by the University task force on intercollegiate athletics, will be held from 1 to 4 p.m. Monday in B36 Classroom Office building on the St. Paul campus and from 1 to 4 p.m. Tuesday in 496 Ford hall Minneapolis campus.

Persons attending the meetings will be asked what role the University of Minnesota should have in establishing the policy for athletics in institutions of higher education, the place of intercollegiate athletics in an educational institution, financing of intercollegiate athletics and aid to student athletics.

There will also be discussion of guidelines of Title IX of the Education Amendment Act of 1972, which prohibits discrimination on the basis of sex in educational programs and activities receiving or benefitting from federal financial assistance.

Ann Truax, chairperson of the task force, said the meetings are being held to get the opinions of students who may not be involved in athletics but whose fees go to the Bierman Field Athletic building, and also views of athletic department officials.

The University recently announced women's intercollegiate sports programs for the current school year will be funded at \$130,000 compared to \$35,595 for last year.

Various modifications have been planned in sports facilities for women athletes. An additional locker room with sauna will be added to the Bierman Field Athletic building and existing space will be remodeled for use as a training room for female athletes and office space for coaches for female sports. The costs for remodeling have been estimated at \$73,000.

(MORE)

In a report to the Department of Health, Education and Welfare, Stanley B. Kegler, vice president for institutional planning and relations, reported that a study is underway to renovate some area in Williams arena for use by both home and visiting female teams.

Kegler also reported the University plans to seek \$375,000 from the 1975 legislature to underwrite women's intercollegiate sports program during the next biennium.

The 22-member task force, with members from all University branches has met twice since it was organized in August. Truax said the committee will not make any recommendations to University President C. Peter Magrath until the HEW guidelines for Title IX are finalized.

-UNS-

(A1,2,3,4,21;B1;C18;D12)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 6, 1974

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NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

FINAL METRO GROWTH TALK
SLATED FOR WEDNESDAY

(FOR IMMEDIATE RELEASE)

The fifth and final session of talks on managing Twin Cities growth is set for 3:30 p.m. Wednesday (Nov. 13) in 125 Auditorium Classroom building on the University of Minnesota West Bank.

Discussion will focus on methods for deciding who should manage growth and how it should be managed. Speakers will discuss the role of the Metropolitan Council, the State Legislature and state agencies in growth management and ways individuals can participate in decisions that affect them.

Speakers for the last session will be John Boland, chairman, Metropolitan Council; Clayton LeFevre, attorney and former member of the Metropolitan Council; Gerald W. Christensen, director, State Planning agency; and Elliott Perovich, principal, Blaine Senior High School, and president, Association of Metropolitan Municipalities.

Fee for Wednesday's meeting is \$1.50 at the door.

The five-session growth workshop is sponsored by three University of Minnesota departments and 24 community organizations and was organized by Arthur Naftalin, former mayor of Minneapolis and now professor of public affairs at the University.

-UNS-

(A1,2,4,5,10,15,27;B1,8)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 6, 1974

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NEWS PEOPLE: For further information
contact JUDY VICK, 373-7515

UNIVERSITY THEATER TO PRESENT
'ONE FLEW OVER THE CUCKOO'S NEST'

(FOR IMMEDIATE RELEASE)

"One Flew Over the Cuckoo's Nest," a drama which takes place in a mental institution, will open Friday, Nov. 15, in Rarig Center at the University of Minnesota.

The play by Dale Wasserman is directed by Gerald Koch, a University graduate student who was the director of the Peppermint Tent children's theater last summer. It will be presented in the Whiting proscenium theater.

Leading roles will be played by Jim Beattie, a University student from St. Paul, as Chief Bromden; Frank Dent, a graduate student from Tulsa, Okla., as McMurphy, and Barbara Granning, a graduate student from Robbinsdale, as Nurse Ratched.

Performances will be at 8 p.m. Nov. 15, 16, 22, 23, 29 and 30; at 7 p.m. Nov. 17 and 24, and at 3 p.m. Dec. 1.

Admission is \$3.50 for the general public and \$2.25 for students and senior citizens. Tickets are on sale at Rarig Center and Dayton's.

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(A1-5,24,25,26;B1;C1)

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UNIVERSITY OF MINNESOTA
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MINNEAPOLIS, MINNESOTA 55455
TELEPHONE: 373-5193
NOVEMBER 6, 1974

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS
Nov. 10-16

- Sun., Nov. 10---Concert: Reginald Buckner, jazz piano. Coffman Union junior ballroom. 4 p.m. \$1 in advance at MSA Bookstore, \$1.50 at the door.
- Sun., Nov. 10---Jaques Gallery: Wildlife paintings and drawings by Geri Arnold. Bell Museum of Natural History. 9-5 p.m. Mon.-Sat., 9-9 p.m. Wed. and 2-5 p.m. Sun. Through Nov. 30. Free.
- Sun., Nov. 10---St. Paul Student Center Gallery: Mahmoud Toussi, sculpture, North Star gallery; Phyllis Halverstadt, color problems, main lounge; John Olson, contemporary wildlife, rouser room gallery; Louise Solberg, rosemahling, display cases. Through Nov. 29. Hours: 8 a.m.-10 p.m. Mon.-Fri. Free.
- Sun., Nov. 10---University Theater: Gilbert and Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theater. 7 p.m. \$3.50 non-students, \$2.50 students.
- Sun., Nov. 10---University Theater: "Oh Dad, Poor Dad, Mama's Hung You in the Closet and I'm Feelin' So Sad." Rarig Center, West Bank. 7 p.m. \$3.50 general public, \$2.25 students and senior citizens. Tickets may be purchased at Rarig Center and Dayton's.
- Sun., Nov. 10---The Whole Coffeehouse: Michael Hennesey Mime and Music Theater. 8:30 p.m. \$1.
- Mon., Nov. 11---Cartoons. Gopher Hole. Noon. Free.
- Mon., Nov. 11---Lecture: "The Star of Bethlehem," by Karlis Kaufmanis. St. Paul Student Center North Star ballroom. Noon. Free.
- Tues., Nov. 12---Movies: "Pigskin Capers," with the Marx Brothers, "The Masquerader," with Charlie Chaplin, and "They Go Boom," with Laurel and Hardy. St. Paul Student Center North Star ballroom. Noon. Free.
- Wed., Nov. 13---Lecture: "The Star of Bethlehem," by Karlis Kaufmanis. 125 Auditorium classroom building. For parents of University students. 8 p.m. Free.
- Wed., Nov. 13---Movie: "The Class of '44." St. Paul Student Center North Star ballroom. 7:30 p.m. \$1.

(OVER)

CALENDAR

-2-

- Thurs., Nov. 14---Food Fair: St. Paul Student Center North Star ballroom. 11 a.m.-2:30 p.m. Free.
- Fri., Nov. 15---Concert: Jim Tordoff and friends. Coffman Union main lounge. Noon. Free.
- Fri., Nov. 15---U Film Society: Russ Meyer film festival with "Cherry, Harry and Raquel," 7:30 p.m., "Faster Pussycat, Kill, Kill," 9 p.m. and "Vixen," 10:30 p.m. Bell Museum of Natural History aud. \$2.
- Fri., Nov. 15---University Theater: Gilbert and Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theater. 8 p.m. \$3.50 non-students, \$2.50 students.
- Fri., Nov. 15---The Whole Coffeehouse: Furry Lewis. 8:30 p.m. \$2 in advance at MSA Bookstore, \$2.50 at the door.
- Sat., Nov. 16---Concert: University orchestra. Northrop Memorial aud. 8 p.m. Free.
- Sat., Nov. 16---Recital: Dale Lee, piano. Scott hall aud. 8 p.m. Free.
- Sat., Nov. 16---U Film Society: Russ Meyer film festival with "Faster Pussycat, Kill, Kill," 7:30 p.m., "Vixen," 9 p.m. and "Finders Keepers Lovers Weepers," 10:30 p.m. Bell Museum of Natural History aud. \$2.
- Sat., Nov. 16---University Theater: Gilbert and Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theater. 8 p.m. \$3.50 non-students, \$2.50 students.
- Sat., Nov. 16---The Whole Coffeehouse: Furry Lewis. 8:30 p.m. \$2 in advance at MSA Bookstore, \$2.50 at the door.

-UNS-

(A1-6;B1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 7, 1974

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NEWS PEOPLE: For further information
contact BILL HUNTZICKER, 373-7512

U OF M VETERINARY COLLEGE
NEGOTIATING WITH NEBRASKA

(FOR IMMEDIATE RELEASE)

Officials from the universities of Minnesota and Nebraska are negotiating an agreement to allow Nebraska students to study veterinary medicine at the University of Minnesota, President C. Peter Magrath announced Thursday.

Magrath said Nebraska officials are "very positive and very eager to have a working relationship with us" to allow their students to attend Minnesota.

The University of Minnesota has similar agreements with Wisconsin and North Dakota to allow students to attend the College of Veterinary Medicine on the Twin Cities campus. Nebraska has similar agreements with other states.

Magrath, a former vice chancellor at the University of Nebraska-Lincoln, said Nebraska officials had asked for admission of up to 20 students with full reimbursement for facilities and operating costs.

"We are proposing to respond to the University of Nebraska by indicating a serious interest in further discussion with them in which we would like to project a level of possibly five to ten students with open negotiations at the end of this academic year," Magrath said.

The agreement allowing 60 Wisconsin students to study at the University of Minnesota will be discussed in a joint meeting of the Wisconsin and Minnesota boards of regents Nov. 22 in Madison.

Magrath announced the Nebraska negotiations at a meeting of the executive committee of the University of Minnesota Board of Regents.

"It is my judgement at the present time that the commitment of 20 (Nebraska) students is simply not realistic and not possible, in part because of the uncertainties that have to do with the Wisconsin discussion," Magrath said.

He indicated that Nebraska students could be admitted if the Wisconsin Regents

decide to build a college of veterinary medicine, thus reducing the number of Wisconsin students attending Minnesota.

"If we are able to work out something that meets a need and provides us with full reimbursement for facilities as well as operating costs we should be willing to discuss going beyond the five, if and when the Wisconsin agreement phases down," Magrath said.

Regents' Chairman Elmer L. Andersen said it is crucial that Minnesota be reimbursed for capital expenditures and that Minnesota's research activity not be inhibited.

"We want to cooperate if it can be done objectively," Andersen said, but added that some people in Wisconsin appear to be trying for "bargain rates" in the agreement. "We can't get into that grinding operation," he said.

Magrath said negotiations with Nebraska would continue through this year for the possible admission of students in the fall of 1975. Negotiations could open again at the end of this academic year depending on the direction taken by Wisconsin, he said.

Sidney A. Ewing, dean of veterinary medicine, said 55 per cent of Minnesota's 760 veterinarians were trained at the University of Minnesota and that 25 per cent of Wisconsin's veterinarians are Minnesota graduates.

"We are essentially a national resource because there are so few veterinary colleges," Ewing said. He added that by 1980 there will be a shortage of about 4,000 veterinarians in a field with 27,000 members.

-UNS-

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 8, 1974

NEWS PEOPLE: For further information
contact BILL HUNTZICKER, 373-7512

MINING OFFICIALS ASK
FOR MORE 'U' PROGRAMS

(FOR IMMEDIATE RELEASE)

Representatives of Minnesota's mining industry Friday warned of a potential "minerals crisis" and called on the University of Minnesota to provide more training and research for mining engineers.

"We've got a hell of a crisis coming in the minerals and we've got to have the engineers to deal with it," James B. Hustad, manager of mineral development for the Hallett Minerals company, said.

Hustad and other members of the Minnesota section of the American Institute of Mining, Metallurgical and Petroleum Engineers (AIME) met with University President C. Peter Magrath and some members of the Board of Regents in Duluth.

Clyde D. Keith, general manager of the Erie Mining Company, Hoyt Lakes, Minn., presented the group's proposals. He asked the University to:

"First, establish a three-year program at the University of Minnesota, Duluth, in which the students would spend their fourth year on the Twin Cities campus.

"Two, reinstate the status of minerals engineering in the University system, and three, commit the University to a revitalized Minerals Resource Research Center."

The recommendation is for three additional faculty members to supervise pre-engineering programs and to teach engineering courses.

Development of Minnesota's low-grade non-magnetic taconite ore, manganese, peat, copper nickel and aluminum bearing anorthosite rock is important to stave off a mineral crisis, Keith said.

"With the University taking the lead, we could be assured that further development of Minnesota's iron deposits and of our copper nickel deposits will be developed in a manner compatible with Minnesota's environmental objectives," he said.

(MORE)

"We can't do that as a nation graduating 250 minerals engineers a year and Minnesota cannot hold its place in that responsibility by graduating 16 per year," Keith said.

"It is evident that the educational and research efforts at the University of Minnesota in the department of minerals engineering have deteriorated significantly over the last 20 years," he added.

He also criticized legislative action which cut off the \$250,000 annual budget in state funds to the Minerals Resource Research Center (MRRC).

Magrath said the University has been studying the needs of the mining fields and that a faculty committee will complete its report by the end of the calendar year.

"We are trying to keep the MRRC funded at about \$200,000 a year in our legislative request," he said.

Magrath asked the AIME representatives what financial assistance the University could expect from the industry in this effort.

"The University is getting a considerable amount of financial help from the mining industry in this state," said John D. Boentje Jr, president and director of the Pittsburgh Pacific Co. and the Coons Pacific Co. both in Hibbing.

"I can't go to someone and say that in addition to the taxes you're paying to the state, the royalties you're paying to the state, you've got to support this program at the University," Boentje said.

Keith said that the minerals industry has an education fund which has recruited students for the field and provided them with summer work opportunities and other financial assistance.

In other action, the Regents established a 21-member board of governors to oversee University Hospitals.

Fifteen members from the public and six ex-officio voting members from the University will manage the \$55 million annual budget of the 750-bed hospitals. The board, which will serve under the Regents, has been in the planning stage for almost a year.

University officials also announced that Arthur C. Aufderheide will serve as acting dean of the UMD School of Medicine to succeed Robert E. Carter, who resigned last month.

Aufderheide, professor and head of the UMD department of pathology, will serve until a permanent dean is named. A search committee to recommend a new dean has been established.

Carter, who will continue on the faculty, came to Duluth from Jackson, Miss., to establish the UMD Medical School in 1970.

The UMD program offers two years of instruction in the basic medical sciences to students who complete their studies at the University's Twin Cities campus.

The Regents' student concerns committee discussed a number of issues with UMD students earlier in the morning.

Regent David C. Utz, committee chairman, said student concerns included the increasing cost of education, a possible exchange program, use of student fees, overcrowded classes, a child care center and some special concerns of medical students.

Magrath said the tuition issue is a "very difficult one" which the Regents and the administration should study in depth. "I think there needs to be some significant discussion on the part of the board of regents on the entire tuition issue."

-UNS-

(A1-5,7;B1,5,9;C1,5,21,22)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-63 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 8, 1974

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

MTR
1247
AM

'U' HOSPITALS BOARD
NAMED BY REGENTS

(FOR IMMEDIATE RELEASE)

A 21-member board of governors which will oversee University of Minnesota Hospitals was established today by the Board of Regents.

Fifteen members from the public and six ex-officio voting members from the University were named to manage the \$55 million annual budget of the 750-bed hospitals.

Members from the public are Harry Atwood, president, Northwestern National Life Insurance Co., Minneapolis; Judy Brandenburg, community activist, Worthington; Charlie Deegan, director, Indian Health Board, Minneapolis; Orville Evenson, business agent, Cement Masons Union 557, Minneapolis;

Mrs. Archie Givens, Jr., president, Minnesota Foundation for Sickle Cell Anemia, Minneapolis; Albert D. Hanser, vice president, Dain, Kallman and Quail Investment Co., Minneapolis; Stanley Holmquist, former legislator, Grove City;

Mrs. Martin Lebedoff, trustee, Children's Health Center and Hospital, Minneapolis; Marie Manthey, director of nursing services, United Hospitals, St. Paul; Mrs. George Pillsbury, community activist, Minneapolis; John Quistguard, semi-retired pharmacist, Bemidji;

Robin Ruiz, founder, Westside Health Clinic, St. Paul; Donald Shank, trustee, St. Lukes Hospital, Duluth; Dr. John Tiede, past president of Minnesota Dental Association, LeCenter; and Mrs. Timothy Vann, director, Martin Luther King Center, St. Paul.

Ex-officio members are Mary Jo Anderson, University nursing student; Dr. Donald Hastings, former chief of the Hospitals medical staff; Dr. Michael Paparella, chairman of the Council of Clinical Chiefs; Dr. Erwin Schaffer, dean of the School of Dentistry; John Westerman, general director of the Hospitals, and Dr. Paul Winchell, chief of the Hospitals medical staff.

(MORE)

GOVERNORS

-2-

The board, which will serve under the Regents, has been in the planning stage for almost a year. It is intended to be a model for other University-owned teaching hospitals around the country who must establish governing boards to meet the requirements of the Joint Commission on Hospital Accreditation.

After naming a chairman and vice chairman, the board will begin orientation to the Hospitals and University Health Sciences. Standing committees include executive, facilities and planning, finance, and joint conference and accreditation.

-UNS-

(A1-5,8,22;B1,5;C1,4,22)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 11, 1974

NEWS PEOPLE: For further information
contact JUDY VICK, 373-7515

LABOR ECONOMISTS TO ADDRESS
'U' ALUMNI INSTITUTE

(FOR IMMEDIATE RELEASE)

Labor and wages in an inflationary economy will be the topics of an address by labor economist Arnold R. Weber, former executive director of the Cost of Living Council (COLC), Tuesday, Nov. 19, at the 21st annual institute sponsored by the University of Minnesota College of Business Administration Alumni Association.

Weber will speak following a 6:30 p.m. dinner at the St. Paul Hilton Hotel.

Since 1973 Weber has been provost of Carnegie-Mellon University and dean of the graduate school of industrial administration. He was executive director of the COLC and special assistant to the President of the United States in 1971 and from 1971 to 1973 was a public member of the U.S. Pay Board.

Weber is currently a member of the Advisory Council on Social Security. He is the author of numerous books and articles on labor economics, including "In Pursuit of Price Stability: The Wage-Price Freeze of 1971."

Weber will discuss the extent to which wage pressures have contributed to the present inflationary economy, the possibility of a return to wage controls and the reaction of organized labor, and what impact rising unemployment will have on union wage demands and collective bargaining.

The institute will begin at 3 p.m. with concurrent panel sessions on industrial relations, the management of higher education and current research in the audit function and is open to the public.

Tickets are \$15 each, which includes dinner. Reservations should be made through the University Alumni Association office. Phone (612) 373-2466.

-UNS-

(A1-5,15;B1,7;C1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 11, 1974

NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

FLUORIDE EXPERT
TO GET 'U' AWARD

(FOR IMMEDIATE RELEASE)

An international authority on fluoride and its effect on dental caries will receive the University of Minnesota's Outstanding Achievement Award (OAA) Friday (Nov. 15) at the School of Dentistry Alumni Day noon luncheon.

The highest honor awarded to former University students, the OAA will be presented to Finn Brudevold in Coffman Union main ballroom.

Brudevold, head of chemistry and preventive dentistry at the Forsyth Dental Center in Boston, Mass., earned a degree in dentistry from the University in 1940.

Brudevold is best known for his contributions to the understanding of the role of fluoride in prevention of cavities. He developed the acid phosphate fluoride system used worldwide in the application of fluoride to teeth.

Currently, he is researching the concentrations of trace elements in tooth surfaces and their relationship to cavities.

Brudevold has published extensively in dental scientific literature and is sought as a consultant and lecturer throughout the world.

The award will be presented to Brudevold by Lyle A. French, University vice president for health sciences.

-UNS-

(A1,2,5,17;B1,5;C1;E14)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 11, 1974

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

GROWTH PROBLEMS AND SOLUTIONS
DISCUSSED BY 'U' FACULTY

(FOR IMMEDIATE RELEASE)

World growth, its problems and possible solutions to those problems were discussed during a week-long conference on limits to growth at the University of Minnesota recently.

There are economic and political factors to consider in solving growth problems and Francis Boddy, University economics professor, said the main problem is not one of shortages but one of distribution of available resources.

And since political institutions are not set up to provide solutions, there is no prospect of significant change, according to Charles Walcott, associate professor of political science.

Sponsored by the University of Minnesota and the Minnesota Public Interest Research Group (MPIRG), the conference brought together economists, political scientists, soil scientists and agricultural experts for five days of talks on all areas of world growth.

According to Lee Martin, growth problems require a willingness to change lifestyles and people must demand more information and more efficient management of supplies. "There is no way we can have an unlimited source of energy," Martin, professor of agriculture and applied economics, said.

To complicate matters, there is no universal opinion on whether growth is good or bad. Matt Walton, director of the Minnesota Geological Survey, said one side sees growth as "beautiful" and something to be maintained as long as possible, while others see it as "destroying the birthright of children."

(MORE)

Even the dangers of pollution will not lessen the attraction of growth for developing countries. "Most of the world is just above the starvation level and the temptation to rush into new technology is almost irresistible," said Edward Cohen, economics professor.

Although it is true that people are starving throughout the world, there is no complete source of information on the world food supply, according to Roberta Lammers, teaching assistant in biology.

The size and number of grain exports do not necessarily mean the exporting country is well-fed, she said, adding that half of this year's supply of beans, peas, wheat, corn, soybeans, peanuts and oil seed cakes will be exported from developing countries.

"Developing countries have nothing to sell but their natural resources," Lammers said.

Two currently popular notions about world food supply are untrue, she said. The U.S. does not singlehandedly feed the hungry people of the world and countries hit by famine do not bring it upon themselves by failing to curtail their population growth.

Patrick Hegarty, associate professor of food science and nutrition, said the distinction must be made between malnourishment and undernourishment. The people of developing countries are undernourished and need protein, calories, minerals and vitamins, he said, while people in the U.S. are malnourished and eat too much of the wrong kinds of foods with too many calories.

He said that in many countries, the food problem is heightened by religious and cultural superstitions that lead to food waste. Hegarty said the situation in many countries is made "even grimmer" by the lack of nutritional assistance for children until they have reached school age. Nutrition is most critical during pregnancy and the first three years of life, he said.

Hegarty questioned the effectiveness of the world food conference in Rome, saying it would most likely be "a lot of hot air" but would probably increase world awareness of tremendous food shortages and the need to "straighten out priorities."

Russell Adams, professor of soil science, said 90 per cent of the arable land in the world and 100 per cent of the available land is already being used. He said priority must be placed on the replacement of nutrients in the soil that is being used since soil is an important source of nutrients in food.

NOTE TO NEWSPEOPLE: The meeting will not be open to the public. Media representatives interested in attending should contact the University News Service.

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 11, 1974

NEWS PEOPLE: For further information
contact JUDY VICK, 373-7515

WOMEN LEADERS TO MEET
IN MINNEAPOLIS

(FOR IMMEDIATE RELEASE)

About 35 national leaders of voluntary and feminist organizations will meet in Minneapolis this week to discuss the role of the service volunteer.

The meeting Thursday and Friday (Nov. 14 and 15) at the Junior League of Minneapolis headquarters, 100 E. 22nd St., is an outcome of the People Power national conference on voluntarism held in Minneapolis last April and sponsored by the Junior League in cooperation with the University of Minnesota.

The leaders will discuss a resolution passed at the People Power conference which asked feminist and voluntary groups to work together to document and evaluate the role of the service volunteer. Various groups involved in the meeting have issued conflicting statements on the appropriate role of the service volunteer.

Among those scheduled to attend the sessions are Arvonne Fraser, president of the Women's Equity Action League; several representatives of the National Organization of Women (NOW); Perdita Houston, director of voluntary involvement for the American Revolution Bicentennial Administration; Mrs. Fredrick A. Reimers, immediate past president of the National School Boards Association; Ellen Straus, chairman of Call for Action, and Mary Poole, president of the Association of Junior Leagues.

-UNS-

(A1-4,21;B1)

(FOR RELEASES ANY TIME)

Feature story from the
University of Minnesota
News Service, S-68 Morrill Hall
Telephone: (612) 373-5193
November 12, 1974

U OF M LIMNOLOGICAL CENTER
STUDIES MINNESOTA LAKES

by Mike Finley
University of Minnesota Staff Writer

Lakes are like people---at least a little. They have lifetimes, they can enjoy good health, or they can suffer the aches and pains of human abuse, pollution or drought.

The Limnological Research Center at the University of Minnesota has the job of studying lakes here in Minnesota and elsewhere in the world, and making recommendations for rehabilitating the sick ones.

"Limnology, the study of lakes, is an interdisciplinary study," according to Regent Professor Herbert Wright, "involving most of the natural sciences, especially biology. The main approach of limnology is to study the history of a lake, by observing the chemical and physical characteristics, as well as geological and climatic factors, in the lifetime of the lake. This means not only the short-term life of the lake, the last hundred years since man has used the lake, but also its longer history, back to the lake's origin during the glacial period many thousands of years ago."

Limnological research often centers on the study of lake sediments, how the levels change over the centuries, and what startling new changes may occur in the lake with the appearance of humans on the scene. Algae, pollen grains, and diatoms lie packed at different levels going back hundreds of thousands of years, in an organic mineral composition known more or less scientifically as "ooze."

Ooze is to prehistoric algae what crude oil is to prehistoric animal bodies, and what coal is to prehistoric peat bogs.

The center's researchers, whether they are on the staff or are graduate students in ecology or one of the other biological sciences, have studied lakes as near as the five-lake chain in west Minneapolis and as far as the Yukon, Central America and even Turkey.

(MORE)

"The practical applications," Wright said, "all derive from a better understanding of lakes, especially an understanding of how man's presence has influenced a lake. If his presence has had a deleterious influence, we set out to learn how to reverse the influence.

One sign of man's presence, according to Wright, is something called an algal bloom. Algal blooms occur when a certain kind of algae, a blue-green variety, begins to dominate a lake, at the expense not only of other algae varieties, but also of plantlife and animal life in the lake environment.

The reason the blue-green algae thrive is because of the introduction into the lake of phosphates. These phosphates, found most often in detergents and chemical fertilizers, are not poisonous, Wright said. In fact, they are highly nutritious to the lake region. The problem is that the blue-green algae respond far more vigorously than do the other lake life forms.

"The solution is to reduce our use of phosphates," he said. "This means reducing our use of high phosphate detergents. The detergent industry says it isn't practical to eliminate phosphates from their products, and propose instead the installation of huge chemical filters at the points where water is dumped into our lakes and streams. But my thinking is that that isn't the way to go. I think the problem should be attacked at its source, at the consumer level, rather than after the chemicals have been used."

Many people wonder if the time will ever come when lakes are no longer society's garbage cans, when dishwater, laundry rinse, drinking and bath water, and all the polluting ingredients they contain are no longer dumped into the same lakes we rely on for drinking water and recreation.

Wright says that some of this waste water can conceivably be diverted for irrigation-fertilizer use, so that the same nutrients which choke our lakes can instead be used toward feeding people.

One two-year project of the center, under the direction of Joseph Shapiro and H. O. Pfannunch, undertook to assess the conditions of the five-lake chain in Minneapolis

(Brownie Lake, Cedar Lake, Lake of the Isles, Lake Calhoun, and Lake Harriet), and to make recommendations for the lakes' improvement.

Among other findings, the study concluded that the levels of some of the lakes were sometimes too high, which meant that some of the water came from the Mississippi River, or the addition of city water. Maintaining the high levels meant a lower quality of water.

During late summer, all the lakes developed algal blooms, except Brownie Lake, which is dominated by diatoms, for some unknown reason. Artificial circulation of Lake Calhoun has caused rapid changes in the lake's shape and content, and has also further encouraged the spread of the algal bloom.

The project recommended that a decision be reached on the levels of the lakes, so that river and city water need no longer be added. The researchers recommended that the streets around the lakes be swept or vacuumed, to clear the runoff areas of loose phosphate particles. And they recommended that the lakes be stocked with piscivorous fish, to reduce the numbers of fish who are presently killing off all the zooplankton for food.

The city lakes, naturally, are among the most endangered in the state. But even a lake as deep into the wilderness as Lake Shagwa, near Ely, where the lakes are supposed to be rainwater clear, can be in trouble.

Around 1890, according to stratigraphic study of the ooze sediment records, this clearwater lake started to change. Logging and mining, and the false runoffs caused by these new industries, created sudden new changes in the lake's make-up. Then people began to settle in the area.

Immediately following that, a perceptible rise in the amount of nutrients in the lake occurred. Today the lake has a serious case of algal bloom, and is in danger of being lost altogether. What took thousands of years threatens to undo itself in a century of human habitation.

It is the nature of lakes, like all other natural phenomena, to come and go. But this is not a process which is supposed to occur in a hundred years. A century may seem like along time to us, but it's only a drop in the geological bucket.

The Limnological Research Center hopes to stave off some of the rapid destruction Minnesota's lakes are undergoing. If they and everyone else fail, Minnesota may well become known as "The Land of Ten Thousand Holes in the Ground."

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 13, 1974

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

CRITICISM MADE OF
'U' ATHLETIC PROGRAM

(FOR IMMEDIATE RELEASE)

Criticism of the University of Minnesota intercollegiate athletic program was expressed by University students, faculty members and alumni at a public hearing Tuesday (Nov. 12) sponsored by the University Task Force on Intercollegiate Athletics.

The task force will make recommendations to President C. Peter Magrath on ways in which current University athletic policies should be modified to conform to federal guidelines.

Title IX of the Education Amendment Act of 1972 prohibits discrimination on the basis of sex in educational programs and activities receiving or benefiting from federal financial assistance.

Men and women students at the hearing told task force members and athletic department officials that intercollegiate varsity athletes appear to receive preferential consideration in the scheduling of facilities. Both Paul Giel, director of intercollegiate sports for men, and Belmar Gunderson, director of intercollegiate sports for women, agreed that facilities are severely crowded but denied that there was preferential treatment.

Toni McNaron, coordinator of the women's studies program, said it is time that the axiom "a sound mind and sound body" be equalized and urged that a wide range of sports be provided for a large number of students.

Robert Harris, an alumnus of the University, said discrimination can't be denied and said some of the problems could be solved by taking money from the men's programs and giving it to the women's programs.

(MORE)

Giel said such a solution is not possible at a time when the self-supporting athletic department is faced with financial problems. Two sports, football and basketball, provide the revenue that is distributed among the nine other men's inter-collegiate sports. Giel told of cuts being made in non-revenue producing sports in order to stay within the budget.

Gunderson said she is sympathetic to the problems of the men's athletic department and said she didn't feel they should have to work as hard as they do for funding. "We are the only state that doesn't provide some assistance for athletics," Gunderson said.

But she admitted that the \$400,000 in financial aids for the men's department is somewhat "awesome" when the budget for the whole women's program was just under \$36,000 last year and was increased this year to \$130,000.

Anne Truax, chairperson of the task force, said the men's athletic department is willing to talk about cooperation with women's athletic program but unwilling to follow through on any action. "They are used to a style of life and they cannot see the other side," Truax said. "This is going to be a dragging, screaming and kicking operation."

-UNS-

(A1,2,5,21,27;B1;C1,4,18)

UNIVERSITY OF MINNESOTA NEWS EVENTS

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 13, 1974

NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

NEW 'U' STRING QUARTET TO PERFORM

The newly formed University of Minnesota String Quartet will perform for the first time in concert Saturday, Nov. 23, at 8 p.m. in Scott Hall auditorium on the University's Minneapolis campus.

The quartet, composed of University music faculty members, will perform works by Haydn, Bartok and Brahms. The concert is free and open to the public.

Quartet members are Lea Foli and Richard Massman, violins, John Tartaglia, viola, and Robert Jamieson, cello. Foli is an adjunct professor of music and concertmaster for the Minnesota Orchestra. Massman is associate professor of music and conductor of the University Symphony Orchestra.

Tartaglia is a viola and violin instructor and associate principal viola for the Minnesota Orchestra and Jamieson is a cello instructor and principal cellist for the Minnesota Orchestra.

###

'U' SYMPHONY ORCHESTRA TO OPEN SEASON

The University of Minnesota Symphony Orchestra, conducted by Richard Massman, will present the opening concert of its 1974-75 season Saturday (Nov. 16) at 8 p.m. in Northrop auditorium.

Paul Freed, University associate professor of music, will be the featured soloist in the performance of Beethoven's Fourth Piano Concerto.

The orchestra will also perform the New England Triptych by William Schuman and Tchaikovsky's Fifth Symphony.

The concert, sponsored by the departments of music and music education, is free and open to the public.

-UNS-

(A1,2,4,5,24,25;B1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 14, 1974

NEWS PEOPLE: For further information
contact JUDY VICK, 373-7515

JAMES E. ROBISON TO RECEIVE
UNIVERSITY ACHIEVEMENT AWARD

(FOR IMMEDIATE RELEASE)

James E. Robison, former chief executive officer of Indian Head, Inc., will receive the University of Minnesota's Outstanding Achievement Award Tuesday (Nov. 19).

University vice president James Brinkerhoff will present the award to Robison at the annual College of Business Administration and Graduate School of Business Administration Institute at the St. Paul Hilton Hotel.

Labor economist Arnold R. Weber will be the speaker at the 6:30 p.m. dinner.

A 1938 graduate of the University and a 1940 graduate of the Harvard Graduate School of Business Administration, Robison built Indian Head from a company with annual sales of \$13 million to a widely diversified firm employing more than 17,000 persons and with annual sales of \$500 million. He retired as chief executive officer in 1972.

He has previously received an honorary doctor of commercial sciences degree from Suffolk University in Boston and the Harvard Business School Award for Distinguished Service. He lives in Armonk, N.Y.

-UNS-

(A1-5, 15; B1, 7)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
TELEPHONE: 373-5193
NOVEMBER 14, 1974

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS
Nov. 17-23

- Sun., Nov. 17---Jaques Gallery: Wildlife paintings and drawings by Geri Arnold. Bell Museum of Natural History. Hours: 9-5 p.m. Mon.-Sat., 9-9 p.m. Wed. and 2-5 p.m. Sun. Through Nov. 30. Free.
- Sun., Nov. 17---Recital: Naomi Braun, organ. Grace Lutheran Church. 8 p.m. Free.
- Sun., Nov. 17---St. Paul Student Center Gallery: Mahmoud Toussi, sculpture, North Star gallery; Phyllis Halverstadt, color problems, main lounge; John Olson, contemporary wildlife, rouser room gallery; Louise Solberg, rosemahling, display cases. Through Nov. 29. Hours: 8 a.m.-10 p.m. Mon.-Fri. Free.
- Sun., Nov. 17---University Theater: Gilbert and Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theater, Rarig Center. 7 p.m. \$3.50 non-students, \$2.50 students.
- Sun., Nov. 17---University Theater: Dale Wasserman's play "One Flew Over The Cuckoo's Nest." Whiting proscenium theater, Rarig Center. 7 p.m. \$3.50 non-students, \$2.25 students.
- Sun., Nov. 17---The Whole Coffeehouse: Whole Earth Rainbow Band. 8:30 p.m. \$1.
- Mon., Nov. 18---Cartoons: Gopher Hole. Noon. Free.
- Mon., Nov. 18---Lecture: "Yeats and the Question of Symbolism," by Denis Donoghue, critic. Murphy aud. 3:30 p.m. Free.
- Tues., Nov. 19---Concert: University Percussion Ensemble. Scott hall aud. 8 p.m. Free.
- Tues., Nov. 19---Movies: "The Great Chase," with W.C. Fields, "Murder Case," with Laurel and Hardy, and "California Bound," with W.C. Fields. St. Paul Student Center North Star ballroom. Noon. Free.
- Tues., Nov. 19---Lecture: "Imagination and Structuralism," by Denis Donoghue, critic. 45 Nicholson hall. 8 p.m. Free.
- Wed., Nov. 20---Concert: West Bank Trackers and Michael Towers. St. Paul Student Center North Star ballroom. 8 p.m. \$1.
- Wed., Nov. 20---Mime performance: "Experience in Mime," by the Illusion Theater. St. Paul Student Center North Star ballroom. Noon. Free. Workshop 2-4 p.m. Free.
- Wed., Nov. 20---Poetry Reading: Thomas McGrath. Murphy aud. 8 p.m. Free.

(OVER)

- Thurs., Nov. 21---Interpersonal Effectiveness Workshop: "The freedom and power to become an effective purposeful woman in today's world," with Charlene Follette and Patricia Lilligren. McNeal hall fireplace room. 4-6 p.m. Free.
- Thurs., Nov. 21---Recital: Eric Swanlund, piano. Scott hall aud. 8 p.m. Free.
- Fri., Nov. 22---Concert: Brass Choir. Scott hall aud. 8 p.m. Free.
- Fri., Nov. 22---Movie: "Billy Jack." St. Paul Student Center North Star ballroom. 7:30 p.m. \$1.
- Fri., Nov. 22---Movie: "Sleuth." Coffman Union main ballroom. 7 and 9:30 p.m. \$2 non-students, \$1.50 students.
- Fri., Nov. 22---U Film Society: "The Last Detail," with Jack Nicholson. Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$1.75.
- Fri., Nov. 22---University Theater: Gilbert and Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theater, Rarig Center. 8 p.m. \$3.50 non-students, \$2.50 students.
- Fri., Nov. 22---University Theater: Dale Wasserman's play "One Flew Over The Cuckoo's Nest." Whiting proscenium theater, Rarig Center. 8 p.m. \$3.50 non-students, \$2.25 students.
- Fri., Nov. 22---The Whole Coffeehouse: Dick Pinney. 8:30 p.m. \$1.50.
- Sat., Nov. 23---Concert: University of Minnesota String Quartet. Scott hall aud. 8 p.m. Free.
- Sat., Nov. 23---Dance Concert: Alwin Nikolais Dance Theater. Northrop Memorial aud. 8 p.m. \$5, 4.50, 4, 3.50, 2.50.
- Sat., Nov. 23---Movie: "Sleuth." Coffman Union main ballroom. 7 and 9:30 p.m. \$2 non-students, \$1.50 students.
- Sat., Nov. 23---U Film Society: "The Last Detail," with Jack Nicholson. Bell Museum of Natural History. 7:30 and 9:30 p.m. \$1.75.
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UNIVERSITY OF MINNESOTA NEWS EVENTS

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 14, 1974

NEWS PEOPLE: For further information
contact JUDY VICK, 373-7515

CRITIC TO SPEAK AT 'U'

Denis Donoghue, noted critic of modern English and American literature, will speak at the University of Minnesota Monday and Tuesday (Nov. 18 and 19).

Donoghue is the author of five volumes of modern criticism as well as studies of the work of Jonathan Swift and Emily Dickinson. His literary criticism has appeared in many magazines and journals, most recently in "The New York Review of Books."

Donoghue will discuss "Yeats and the Question of Symbolism" at 3:30 p.m. Monday in Murphy Hall auditorium and "Imagination and Structuralism" at 8 p.m. Tuesday in 45 Nicholson Hall. Both lectures are sponsored by the English department and are open to the public with no admission charge.

###

POETRY READING PLANNED

Poet Thomas McGrath will present reading of his works at 8 p.m. Wednesday (Nov. 20) in Murphy Hall auditorium at the University of Minnesota.

McGrath, a faculty member at Moorhead State College, is the author of "Letter to an Imaginary Friend" and "The Movie at the End of the World."

Originally from North Dakota, he has been a Rhodes scholar and a Guggenheim fellow and in 1966-67 received the Amy Lowell Traveling Poetry Scholarship. He was the founder and first editor (with Eugenia McGrath) of the poetry magazine Crazy Horse.

The reading is open free to the public.

-UNS-

(A1,2,4,12;B1)

(FOR RELEASE BEFORE DEC. 1, 1974)

Feature story from the
University of Minnesota
News Service, S-68 Morrill Hall
Telephone: (612) 373-5193
November 15, 1974

MTR
1147
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FORMER BOXER STARS
IN 'U' THEATER PLAY

by Judy Vick
University News Service Writer

"The Big Guy" is back---but this time he's playing the boards of Rarig Center, rather than the prizefight arena.

Jim Beattie, the St. Paul boxer who was a ranked contender for the world heavy-weight championship in the 1960's and played the title role in the motion picture "The Great White Hope" (which starred James Earl Jones), is playing the leading role of Chief Bromden in the University of Minnesota's Theater's current production of "One Flew Over The Cuckoo's Nest."

Beattie, now a University evening class student in criminal justice studies and director of Port Alpha, a community-based correction facility, has failed in business and undergone a year of treatment for chemical dependence.

Now 32, Beattie was at the height of his boxing career in 1966 when the American Broadcasting Company did a documentary on his life titled, "The Big Guy." It was shown again on the network in 1967. At 6 ft. 9 in., he now weighs about 265 pounds, about 20 pounds over his fighting weight.

Has the man who actually was boxing world's "great white hope" in his time, thought of making a comeback?

"Yes," Beattie said, "but I'm doing a play instead." In a more serious tone, he said "Boxing served me well up to a point. It can no longer help. I don't think like a fighter anymore. You have to have absolute, total dedication to the science."

There's another factor on which Beattie chooses not to elaborate. His boxing career had its ups and downs, not always of his own doing. "I was managed by the hierarchy of organized crime in America," he said. "I'm not that important to them (the syndicate) anymore that they would cause trouble for me, but I'd still rather not talk too much. I'm concerned about my children."

(MORE)

After starting as a Golden Gloves fighter in St. Paul, Beattie went to New York at age 19. In 1965, he was scheduled to fight Muhammed Ali---a fight which never came off. "I wish it had," he said. "I've fought three of the same men he did. I knocked them out and he didn't."

Of his failure in a paramedical manufacturing and pharmaceutical sales business, he says simply, "I had unrealistic goals. It didn't work.

"I got into alcohol and pills, not hard drugs. I had used them to meet needs. I had to learn how to fill my needs responsibly and positively."

He spent a year in an institution for chemical dependents and just last month moved into his St. Paul home with his wife and two sons, ages 6 and 9.

"Now I just enjoy being Jim Beattie, father and husband," he said. "My main emphasis is putting Port Alpha on its feet."

Last summer he enrolled in a course called "Acting For Camera" and this fall tried out for "One Flew Over The Cuckoo's Nest."

"I get my strokes from acting," he said. "I'm a natural actor. I had people convinced I was a fighter for seven years. I love the role I'm playing. I turn into an idiot. I let off steam.

"I made a good living as a fighter," he said, "but I never got rich. That's why I thought I had to make it in business. I know now I don't need a million dollars to be happy."

-UNS-

(A1-5, 10, 24, 25, 26; B1; C1, C4)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 15, 1974

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1047
gmp

NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

'U' SEMINARS TO SHOW
HOW TO START A BUSINESS

(FOR IMMEDIATE RELEASE)

Two one-day seminars on ways to start and finance a new business will be offered at the Radisson South Hotel in Bloomington next Thursday and Friday (Nov. 21 and 22).

Offered by the University of Minnesota, the seminars will offer tips on creating, finding, protecting and marketing new products and ideas and will stress business organization and planning.

Thursday's seminar, "How to Start and Finance a New Business," will cover the preparation of a business plan, ways to conduct low-cost market surveys, how and where to raise business capital and new markets for products.

Friday's program, "Converting Your Ideas Into Dollars," will explore the mechanics of setting up a business, ways to find new products, information about patents, trademarks and copyrights, free government services for a small business and ways to get free publicity.

Donald M. Dible, author of "Up Your OWN Organization," will teach both seminars.

Both will run from 8:30 a.m. until 5 p.m. and the fee for each is \$60 which includes lunch, the text and coffee breaks.

To register, contact the Registrar, Nolte Center for Continuing Education, University of Minnesota, 373-3499.

The seminars are sponsored by continuing business education, the College of Business Administration and Continuing Education and Extension.

-UNS-

(A1,2,5,10,15,27;B1,7;C1)

UNIVERSITY OF MINNESOTA NEWS EVENTS

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 19, 1974

NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

'U' TO SPONSOR GUTHRIE FESTIVAL

Lectures on three current Guthrie Theater productions will highlight a Guthrie Festival Friday (Nov. 22) at MacPhail Center, 1128 LaSalle, Minneapolis.

Sponsored by the University of Minnesota's program in continuing education for women and the Guthrie Theater, the festival will begin at 9:45 a.m.

Faculty members from the University and the College of St. Catherine will lecture on the plays "Tartuffe," "The School for Scandal," and "Everyman" and Guthrie actors and designers will participate.

Fee for the day, which is open to anyone, is \$5. For further information, call 373-9743.

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SKROWACZEWSKI TO DISCUSS ORCHESTRA HALL

Stanislaw Skrowaczewski, music director for the Minnesota Orchestra, will discuss his experiences in adapting to the new Orchestra Hall at 9 p.m. Wednesday, Nov. 27, on KTCA-TV, Channel 2.

Skrowaczewski and Burton Paulu, director of University of Minnesota media resources, will compare music halls around the world to the new Minneapolis facility and will talk about the changes Skrowaczewski is making in seating and playing style.

The program was produced by University media resources as an educational service of Continuing Education and Extension.

-UNS-

(A1,2,4,5,9,10,21,24,25;B1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 19, 1974

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

EXPRESS BUS RIDERSHIP
TO 'U' INCREASES

(FOR IMMEDIATE RELEASE)

Ridership on express buses to the University of Minnesota this fall is up 44 per cent from a year ago.

But fall quarter applications for the University's computerized car pooling program declined 35 per cent from a year ago, according to Roger Huss, University transit coordinator. Huss said an even larger decline is expected in winter quarter applications which last year totaled 2,408.

The University express bus program, a cooperative effort of the University and the Metropolitan Transit Commission, began operation in the fall of 1970. The 10 bus routes have designated stops throughout the Twin City area and then continue non-stop to the University. Most make two runs in the morning and evening.

Ridership this September increased 52 per cent from a year ago and October was up 36 per cent over last October.

The University also provides, at a yearly cost of \$440,000, intercampus bus service with MTC buses and drivers between the east and west banks of the campus and the St. Paul campus.

According to Huss, expenses have increased in the past year for the operation of the 21 intercampus buses with hourly costs in September up 15.7 per cent and mileage costs up 23.1 per cent.

The increase in express bus ridership is significant since the University is the fourth largest traffic generator in the seven-county metropolitan area, behind the downtown area of Minneapolis and St. Paul and the western Minneapolis suburbs.

(MORE)

Huss said the University is not concerned about the drop in car pool applications, however, if it means more people are riding the express buses. "We would rather have them take the bus and not even bring their cars to the campus," he said.

A survey conducted last spring showed that 58 per cent of the University population came to the campus by automobile, while one-third biked or walked. About 44 per cent of the students owned and drove their own cars while 15 per cent used public transportation and eight per cent used car pools.

The survey also showed that 39 per cent of the undergraduate students who used the express buses had originally driven alone to campus. Twenty-eight per cent of the civil service work force chose the express buses over automobiles as did 21 per cent of the graduate students and 12 per cent of the faculty.

According to Huss, a similar survey is under way now, and the results are expected to reflect the changing patterns in transportation choice.

-UNS-

(A1-5,18,27;B1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 21, 1974

NEWS PEOPLE: For further information
contact BILL HUNTZICKER, 373-7512

MAGRATH SAYS LAND-GRANT SCHOOLS
CAN HELP SOLVE WORLD FOOD CRISIS

(FOR IMMEDIATE RELEASE)

University of Minnesota President C. Peter Magrath says land-grant colleges and universities could help solve the world's food shortage if given long-term federal support for international programs.

Speaking to Minnesota agribusiness leaders Thursday in Minneapolis, Magrath supported a plan for the U.S. to establish applied research, teaching and extension institutions in other nations similar to America's land-grant universities.

"While universities, assuredly, cannot do the job alone, our national network of land-grant universities, if given adequate support, can join with the American agribusiness community and other nations to become even more vigorous and productive participants in a foreign policy of rarely precedented compassion and wisdom," Magrath said.

Magrath supported the spirit of the "Famine Prevention" bill introduced by Rep. Paul Findley, R.-Ill., authorizing the Secretary of Agriculture to contract with each land-grant college and university to organize a long-term assistance program in another country.

An important first step was taken toward long-term food production efforts with the establishment of the Land Grant/U.S. Department of Agriculture Council on International Research and Education, Magrath said.

"The University of Minnesota is enthusiastic about playing a bigger role in meeting this (food) crisis, and we are currently taking a close look at our capabilities and talents," Magrath said.

(MORE)

The University of Minnesota currently has contracts with the U.S. Agency for International Development (AID) to provide educational services in agriculture in Tunisia and Morocco.

A long-term program such as Findley's proposal would raise a number of questions, Magrath said, such as whether such support can be maintained. "In order for education and research to bear fruit...support must be steady," he said.

Funding must also be taken outside the political realm, Magrath said. "We must not let transient political considerations undermine our will to help people feed themselves. I hasten to add that we should be more concerned with helping hungry people than with what certain political leaders around the world might think about us at any given time," he said.

Magrath said the University of Minnesota and the state's agribusiness industry have been instrumental in helping bring modern and more productive agricultural techniques to the people of the world.

The University has provided a number of examples of successful applied agricultural research programs, Magrath said.

At a cost of \$100,000, he said, the University developed Hodgson and Evans soybeans which will be grown on two million Minnesota acres by 1976 and will increase farmers' income by \$9 to \$12 million through increased yields.

"It is further anticipated that this increased yield will produce enough additional protein to meet the needs of one million people every day for one year," he said.

Magrath spoke to a meeting of the Minnesota Agri-Growth Council, Inc., which consists of state agribusiness leaders. The one-day conference was to allow the state Department of Agriculture and the University to present their projections and needs for the coming biennium.

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S--68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 21, 1974

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

POPULATION, FOOD CONFERENCE
TO BE HELD IN ST. PAUL

(FOR IMMEDIATE RELEASE)

A free public conference on population growth and world food supply will be held Monday (Nov. 25) in the A.G. Bush Student Center ballroom at Hamline University in St. Paul.

A follow up to the world food conference in Rome, the one-day meeting is co-sponsored by the University of Minnesota's center for population studies and Hamline University's international studies center.

Keynote speaker will be State Sen. Hubert H. Humphrey, III, who attended the Rome conference with his father U.S. Sen. Hubert H. Humphrey. Humphrey will speak on international political dimensions of the population/food problem.

The conference was made possible by a grant from the Minnesota Humanities Commission. For further information, call the Hamline International Studies Center at 641-2245.

-UHS-

(A2, 4, 5, 27; B1; C1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 21, 1974

NEWS PEOPLE: For further information
contact BILL HUNTZICKER, 373-7512

MAGRATH INAUGURAL
AT 'U' ON TUESDAY

(FOR IMMEDIATE RELEASE)

C. Peter Magrath will be joined by a number of former colleagues and Minnesota educational and political leaders Tuesday (Nov. 26) when he is sworn in as the eleventh president of the University of Minnesota.

The inaugural ceremony, which will be a simple one by earlier standards, will involve about 150 educational leaders and University Regents, faculty, students and administrators, according to Claudia Wallace, University special events coordinator.

Dressed in academic costume, those 150 people will march in procession from Walter Library to Northrop auditorium at about 1:55 p.m., Wallace said.

Following remarks by Regents' Chairman Elmer Andersen and Gov. Wendell Anderson, Magrath will be presented with the mace, the symbol of University leadership, by the governor and will deliver his inaugural address.

The University of Minnesota Symphony Orchestra, conducted by Associate Professor Richard Massmann, will accompany the ceremony.

The inauguration is free and open to the public and free shuttle busses will be provided between the parking ramp behind Coffman Union on East River Road and the auditorium.

Virginia Y. Trotter, one of the highest ranking women in the Ford Administration, will be among Magrath's former colleagues at the ceremony.

Trotter, assistant secretary for education for the Department of Health, Education and Welfare, was dean of home economics and vice chancellor for academic affairs at the University of Nebraska-Lincoln while Magrath was there.

(MORE)

Other former colleagues of Magrath who will attend are:

Durward B. Varner, president of the University of Nebraska at Lincoln;

Gene A. Budig, president of Illinois State University at Normal and the youngest university president in the nation at 35. Budig was assistant vice president and director of public affairs at the Lincoln campus when Magrath was there;

Jerome B. Komisar, vice chancellor for personnel and employee relations at the State University of New York at Albany. Komisar held the same position in Binghamton when Magrath was chancellor of that campus;

Elmer E. Cornwell, Jr., political science professor at Brown University; and

Jay S. Goodman, professor at Wheaton College in Norton, Mass.

Several of Magrath's former teachers will also attend, including David C. Knapp, provost at Cornell University and Professor Robert B. Dishman of the University of New Hampshire.

Representatives of other educational institutions in Minnesota will march in the order in which their colleges were founded.

G. Theodore Mitau, chancellor of the Minnesota State colleges; Philip C. Helland, chancellor of the Minnesota community colleges; Daniel F. Burton, member of the State Board of Education; and Carl W. Kroening, a member of the Higher Education Coordinating Commission, are also expected to attend.

In addition, six students from three of the University's campuses, faculty members from all the campuses, the Regents' professors, members of the Board of Regents and the University's vice presidents are expected to participate in the procession.

-UNS-

(A1-5, 10, 11, 15, 21, 27; B1, 12; C1, 4, 14, 21, 22; D5, 12; E4, 6)

(FOR RELEASE: FALL 1974)

Feature story from the
University of Minnesota
News Service, S-68 Morrill Hall
Telephone: (612) 373-5193
November 22, 1974

RELEASED MENTAL PATIENTS MAKE PROGRESS
WHEN TREATED AS STUDENTS

by W. R. Hafling
University News Service Science Writer

Bill, age 27, has never caused trouble for anyone. He has spent most of his life in his parents' home, alone in his room with the door closed.

When he first visited his local mental health center, he simply stood there with his eyes closed and his ears plugged.

On the other hand, 39-year-old Bev knew how to drive people crazy. With a long history of psychiatric treatment she knew the ropes. When she first came to the clinic she was manic and delusional and made it impossible for anyone to talk to her for more than a minute.

If Bev and Bill were Minnesotans, they might be locked up in a hospital psychiatric ward or put into one of the State hospitals where they might also be given behavior-controlling drugs and possibly brain-damaging electro-convulsive treatments or brain surgery.

If and when they were released, chances are they'd be sent to "half-way houses" in the community and given drugs to control their behavior. In short, as in most of the U.S. today, they'd be mental patients for the rest of their lives.

In California, however, where Bev and Bill live, some changes are taking place. A major change is that they are being treated as students rather than as patients--- as human beings capable of learning and growing rather than a special class of creatures in need of manipulative treatment.

Describing the efforts necessary to make such radical changes, Dr. Robert Paul Liberman of the Oxnard Mental Health Center in California told psychiatrists and psychologists at the University of Minnesota recently, "there are many problems in switching from the traditional medical model to a behavioral or social learning approach.

(MORE)

"Both the staff and the patients are used to, and thus expect 'mental illness' to be treated as a medical problem. In order to make any change, both groups must be convinced of the greater effectiveness of a learning approach. For one thing, they begin to learn to rely less on the use of psychoactive drugs.

"More importantly, they learn to be satisfied with small steps---with short-term, concrete, measureable, realistic goals rather than the usual vague statements and satisfaction with the status quo."

From Mental Health Center to Learning Center

Liberman recalled for the professionals present at the University seminar the massive, nationwide effort which began in the 1960's to "move American psychiatry out of the custodial era of warehousing patients in large institutions." He said that the early hope of such a move was to place patients in small mental health centers located near their homes.

However, Liberman added, "In the rush to meet legislative mandates and compete for federal and state funds, little effort was spent on devising new techniques and therapeutic approaches. Old methods, largely adapted from the medical and psychoanalytic models were dressed up in new community treatment settings."

Quoting from a report by Nader researchers Chu and Trotter, Liberman said the result was that "community mental health centers tend to be only a renaming of conventional psychiatry, a collection of traditional clinical services that are in most cases not responsive to the needs of large segments of the community."

At the Oxnard Center, on the other hand, the students---many of them chronic mental patients who spent years in the costly state hospital system---take part in a variety of programs tailored to their individual needs and stages of development.

Social Participation

One observable measure of mental health is social participation. Researchers from the Oxnard Center found that mental patients in the state hospitals spent an average of less than 20 per cent of their time in social behaviors, even less for "work" and spent 60 to 80 per cent of their time in uninvolved, non-social behaviors.

Residential care homes in the community provided researchers with an even more shocking finding. Ex-patients in these homes were worse off than state hospital patients. Social participation in these places was even less than in the state hospital, and non-social behavior was even higher. This was true even though one "home" was described as "a large farm house that is not at all institutional in appearance or atmosphere."

After introduction of the educational programs at the Oxnard Center, social activity went up to nearly 80 per cent, much of it accounted for by greatly increased contacts between staff and students.

According to Liberman, Bev has gone home after five months and in addition to "functioning well as a mother and wife" is going to college at night. And although Bill still has a long way to go, he's making progress.

-UIS-

(A1,2,5,8,10,13,21,22;B1,5,6,9,10;C1,4,19;D10;E1,3,11,12,22,25,27)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
TELEPHONE: 373-5193
NOVEMBER 22, 1974

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS
Nov. 24-30

- Sun., Nov. 24---Concert: Renaissance music by Concentus Musicus. Coffman Union junior ballroom. 4 p.m. \$1 in advance at MSA Bookstore, \$1.50 at the door.
- Sun., Nov. 24---Jaques Gallery: Wildlife paintings and drawings by Geri Arnold. Bell Museum of Natural History. Hours: 9-5 p.m. Mon.-Sat., 9-9 p.m. Wed. and 2-5 p.m. Sun. Through Nov. 30. Free.
- Sun., Nov. 24---Recital: Pat Laliberte, piano. Scott hall aud. 5 p.m. Free.
- Sun., Nov. 24---Recital: Pat Cebula, organ. Grace Lutheran Church. 8 p.m. Free.
- Sun., Nov. 24---St. Paul Student Center Gallery: Mahmoud Toussi, sculpture, North Star gallery; Phyllis Halverstadt, color problems, main lounge; John Olson, contemporary wildlife, rouser room gallery; Louise Solberg, rosemahling, display cases. Through Nov. 29. Hours: 8 a.m.-10 p.m. Mon.-Fri. Free.
- Sun., Nov. 24---University Theater: Gilbert and Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theater, Rarig Center. 7 p.m. \$3.50 non-students, \$2.50 students.
- Sun., Nov. 24---University Theater: Dale Wasserman's play "One Flew Over the Cuckoo's Nest." Whiting proscenium theater, Rarig Center. 7 p.m. \$3.50 non-students, \$2.25 students.
- Sun., Nov. 24---The Whole Coffeehouse: Folk Festival. 8:30 p.m. \$1.
- Mon., Nov. 25---Cartoons: Gopher Hole. Noon. Free.
- Mon., Nov. 25---Concert: Bach's Christmas Oratorio (parts I-III). Northrop aud. 8 p.m. Free.
- Tues., Nov. 26---Movies: "Double Whoopee," with Laurel and Hardy, "Spook Spoofin," with the Little Rascals, and "The Daredevil," with Ben Turpin. St. Paul Student Center North Star ballroom. Noon. Free.
- Tues., Nov. 26---Recital: Janet Johnson, piano. Scott hall aud. 8 p.m. Free.
- Wed., Nov. 27---Lecture: "Geometric Extensions of Consciousness," by Ann Tyng, professor, U of Pennsylvania. 25 Architecture building, 2:30 p.m. and 125 Architecture building, 8 p.m. Free.
- Fri., Nov. 29---University Theater: Gilbert and Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theater, Rarig Center. 8 p.m. \$3.50 non-students, \$2.50 students.

(OVER)

CALENDAR

-2-

- Fri., Nov. 29---University Theater: Dale Wasserman's play "One Flew Over the Cuckoo's Nest." Whiting proscenium theater, Rarig Center. 8 p.m. \$3.50 non-students, \$2.25 students.
- Sat., Nov. 30---University Theater: Gilbert and Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theater, Rarig Center. 8 p.m. \$3.50 non-students, \$2.50 students.
- Sat., Nov. 30---University Theater: Dale Wasserman's play "One Flew Over the Cuckoo's Nest." Whiting proscenium theater, Rarig Center. 8 p.m. \$3.50 non-students, \$2.25 students.

-UNS-

(A1-6;B1)

UNIVERSITY OF MINNESOTA NEWS EVENTS

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
TELEPHONE: 373-5193
NOVEMBER 22, 1974

(For more details, contact News Service writer whose name is given by each item.)

NETWORK NEWS EXECUTIVE TO BE AT 'U' (Judy Vick)

Richard S. Salant, president of CBS News, will speak Tuesday (Nov. 26) at 11 a.m. in Murphy hall at the University of Minnesota. He will discuss the network news operation.

Salant's talk is sponsored by the School of Journalism and Mass Communication and is open to the public with no admission charge.

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EDUCATION OFFICIAL AT 'U' (Bill Huntzicker)

Virginia Y. Trotter, the highest education official in the Department of Health, Education and Welfare (HEW), will be at the University of Minnesota Tuesday (Nov. 26) for the inauguration of C. Peter Magrath as president of the University of Minnesota.

Trotter, assistant HEW secretary for education, will have a news conference at 10:30 a.m. in the news conference room, B-12 Morrill hall, on the Minneapolis campus..

Trotter is one of the highest ranking women in the Ford administration and is a former academic administrator at the University of Nebraska-Lincoln, where Magrath was one of her colleagues.

Magrath's inauguration will begin about 2 p.m. Tuesday.

-UNS-

(A1-5,9;B1,12)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 25, 1974

NEWS PEOPLE: For further information
contact BILL HUNTZICKER, 373-7512

LAWYERS DISCUSS
NO-FAULT INSURANCE

(FOR IMMEDIATE RELEASE)

Minnesota's no-fault automobile insurance law, which goes into effect Jan. 1, 1975, was explained to Twin Cities attorneys Saturday (Nov. 23) in a meeting in Minneapolis.

More than 600 lawyers attended the half-day conference at the Radisson South Hotel. The meeting, which included video-tape presentations and a panel discussion, was sponsored by the Minnesota Bar Association and University of Minnesota continuing legal education.

"The purpose of the law is to insure that the maximum number of people who sustain injuries in motor vehicle accidents are paid for economic losses up to \$30,000 regardless of fault," James R. Schwebel, a Minneapolis attorney, said in an interview.

Schwebel, who was named by the State Supreme Court to a committee to develop an arbitration process for the law, said the act excludes coverage for people who are injured in a stolen car, while auto racing, or have self-inflicted injury.

"Virtually every other person will be covered by his own insurance company or the insurance company of the vehicle he is in if he has no coverage," Schwebel said.

The law is a change from the present practice in that the primary coverage was on the vehicle rather than the driver, he said.

He predicted that one of the major problems of the new law will be the testing of the validity of the "thresholds" in the act.

"If the medical bills are over \$2,000, then the injured party can sue under tort liability to the responsible party for pain and suffering," he said. Property damage, however, is the same as it is under the current system.

"I personally feel that what the insurance industry wanted to achieve under no-fault was to eliminate the principle of pain and suffering in smaller cases and they've accomplished that," Schwebel said.

(MORE)

The approximately 20 per cent of Minnesota motorists who have no auto insurance will be forced to buy insurance before they can buy 1975 license plates and will be subject to severe legal penalties if they are not insured after midnight Dec. 31.

"A lot of New Year's Eve drivers are going to find that they will be subject to punishment of a misdemeanor if they do not have no-fault insurance on their way home," Schwebel said.

Clyde F. Anderson, another Minneapolis lawyer, explained the penalties of not having auto insurance next year.

Uninsured motorists and automobile owners will be subject to complete liability in case of accidents, punishment of a misdemeanor, and a six to 12 month revocation of driver's license, Anderson said. These penalties also apply to vehicles that are not driven but merely are parked in storage, he said.

Representing the insurance industry was Robert Provost, chairman of the Minnesota no-fault information and education committee. "No-fault is merely a compulsory accident and health insurance act which is added to the top of automobile insurance," Provost said. "It's a very simple act."

The law will be enforced by random spot checks by a computer and discoveries by the Dept. of Public Safety that there are licensed vehicles which do not have insurance, Provost said. The licensing agency will turn the matter over to the State Attorney General's office for enforcement, he said.

Provost was asked about the future of people who cannot afford the increased insurance. "The answer to that, with one-dollar a gallon gasoline coming, is simple. If you can't afford the insurance, sell the car," he replied.

Anderson said insurance companies are required to notify the state of automobile insurance policies that are cancelled.

Motorcyclists are excluded from the no-fault requirement, but are compelled to buy liability insurance, Schwebel said.

(FOR RELEASE ANY TIME BEFORE FEB. 1, 1975)

Feature story from the
University of Minnesota
News Service, S-68 Morrill Hall
Minneapolis, Minnesota 55455
Telephone: (612) 373-5193
November 25, 1974

UNIVERSITY CALLIGRAPHER WRITES 'BOOK OF JONAH'

by Judy Vick
University News Service Writer

A University of Minnesota librarian has literally written a book.

The book is the Book of Jonah from the King James version of the Holy Bible and the calligrapher (maker of beautiful letters) and illuminator (color illustrator) is Judith Duncan.

The book, with a gold-embossed red-cloth cover, has been printed with a photolithographic process and published, in a limited edition of 950 copies, by Scholar-Gipsy Press of Minneapolis. It sells for \$15 a copy.

"The exquisite little story of Jonah is a book to be read and read again," Duncan says in her introduction, explaining why she chose this story for her work.

"Whatever moral you derive from it will surely be worth the contemplating, and if you find more in the book than the 'great fish' episode you remember from your childhood, it should be a treasure for the heart to hold."

This is Duncan's first book, although she has been working at calligraphy "playfully for 15 years, seriously for seven years and selling it for three years.

"It's the only thing I can do for 16 hours a day and not tire of," she said. "I usually do a little every night, but weekends are the best time."

Duncan does much of her work "with a cat or two nestled in the crook of her arm." She does it all "for joy of doing."

The book is done in the Old English Gothic style of calligraphy. "I'm enthralled with all things Medieval," she said. She has traveled to Europe three times and has studied at the British Museum and with two master calligraphers in England, including one of the scribes of Queen Elizabeth II.

(MORE)

Duncan, who was born on Michigan's Upper Peninsula and grew up in Faribault, Minn., has a bachelor's degree in English and a master of arts degree in library science from the University. She has two sisters who are also artists.

Exhibitions of her work have been shown within the last year at the Weyerhaeuser Library of Macalester College in St. Paul and the Lutheran Brotherhood building in Minneapolis. The "Calligraphiti" at Macalester was purchased by the library. Duncan also has a private business of creating custom "mottoes, resolutions, testimonials, certificates, diplomas, etc." in her southeast Minneapolis apartment.

She believes she is the only Midwest member of the international Society of Scribes and Illuminators.

-UNS-

(A1-5, 12, 21; B1; C1, 4; E15)

(FOR RELEASE ANY TIME)

Feature story from the
University of Minnesota
News Service, S-68 Morrill Hall
Telephone: (612) 373-7513
November 25, 1974

NEW LAW AGAINST SEX BIAS
SHOULD CHANGE MINNESOTA SCHOOLS

by Elizabeth Petrangelo
University News Service Writer

A relatively new federal law, little noticed when it was passed two years ago, is beginning to have what should be a tremendous impact on American educational institutions.

About 300 elementary, secondary and higher educators heard how it will affect them recently (Nov. 23) at the University of Minnesota State Department of Education annual Educators' Day in Minneapolis.

The new law, Title IX of the 1972 Education Amendment Act, prohibits any kind of sex discrimination in any educational institution which receives federal money.

Although vocational, graduate, professional and university level schools receive most of the federal money earmarked for education, many primary and secondary schools have one or more federally funded programs.

That could mean changes in many of the traditional ways that schools are run, said Bernice Sandler, executive associate of the Association of American Colleges.

"Title IX covers virtually all areas of student life," Sandler said, "and that includes admissions policies, curriculum, rules and regulations, financial aid, and on and on. It also covers those who work for that institution."

Title IX, once fully in operation, will have clout. Institutions found guilty of sex discrimination may have their current federal funding suspended or new federal money delayed. That suspension of funds would have the most serious effect on colleges, universities and vocational schools---all educational institutions that rely heavily on federal money.

But, Sandler said, it is in those areas that the clout is needed most. "There have been more charges of sex discrimination lodged against institutions of higher education than there have been against any other industry," she said.

(MORE)

The most difficult part of enforcing the new law, Sandler said, will be determining when sex discrimination is actually present. "Certain kinds of sex discrimination are blatantly obvious, such as admissions quotas, different scholastic requirements for different sexes and scholastic credit given only to males for participation in athletics," she said.

"But there are indirect kinds of sex discrimination which appear to be very fair on the surface and are probably unintentional," she said. "Such things as restrictions on part-time attendance, which would have a disproportionate effect on women who are mothers, and nepotism rules because we all know which spouse won't get hired---these indirect kinds of discrimination are illegal under Title IX."

Sandler outlined a few of the areas in which Title IX will require changes. "Affirmative action will be required in previously single-sex schools which now admit both sexes and in athletic programs," she said.

"In admissions, all quotas are forbidden, even if they are quotas which state that a certain number or proportion of females must be admitted," she said. "That would tie admissions to sex, and that is illegal."

Institutions must make comparable efforts to recruit both females and males, she said. And there are several indirectly discriminatory admissions policies which are now illegal:

--the use of past receipt of athletic scholarships and Rhodes scholarships as measures of character, since both are limited to males;

--the use of past military service as a measure of character, since very few women have served in the armed forces and those who have were required to have higher qualifications to begin with, and

--the use of continuous employment or schooling as a measure of commitment, since women are much more likely to have to interrupt their schooling or employment for family reasons.

"Girls can no longer be excluded from certain courses, such as industrial arts, nor can they be required to take other courses like home economics," Sandler said.

(MORE)

"Likewise, males cannot be given preference to take crowded courses. It has often been said in the past that males should be allowed into science and math courses first since they are most likely to need them in the future," she said.

In the area of financial aid, schools can no longer give scholarships, fellowships or grants limited to a particular sex. "And they cannot deny married women financial aid on the basis that they are supported by husbands," Sandler said.

Arvonne S. Fraser, president of the Women's Equity Action League, told the group that it is very important to eliminate sex discrimination in the early grades since they have such a strong effect on children. "I still remember my first day in school," she said, adding that the experiences of children in early grades may affect their behavior and self-image for many years.

"We've got to care just as much about girls' education as boys' because women are going to lead very different kinds of lives in the future," Fraser said. "They will have fewer children and will live a very long time. We have to educate both men and women for that long life."

Fraser said there must be a concerted attempt made to increase the numbers of female superintendents and principals in schools. "Men are the administrators and women are the teachers, and kids get the message early," she said.

She said it should be easy for educators to stop discriminating. "All you have to do is change your way of looking at women and obey the law."

An annual event, Educators' Day was sponsored by the University of Minnesota's College of Education and Continuing Education and Extension and by the State Department of Education.

- UNS -

(A1,2,4,5,16,21,27;B1,6,8;C1,4,15,18,19,20,21)

MAGRATH SAYS 'U' MUST MAINTAIN SENSE OF COMMUNITY

by Bill Huntzicker
University News Service

C. Peter Magrath, who was inaugurated as the eleventh president of the University of Minnesota Tuesday (Nov. 26), says selective University growth does not mean cutting back in existing programs.

The new president made a call for unity in his inaugural speech---an indication of his commitment to the entire University rather than to specific colleges, campuses or other internal constituencies.

"I really don't separate the University into these artificial segments," he said in a recent interview.

Despite predicted budgetary constraints, Magrath said, the University should be able to maintain its sense of community and unity of purpose.

"If we have a program that goes toward selective improvement or excellence, it doesn't necessarily mean cutting anything out," he said. "But I do think it's possible for the University of Minnesota to set relative priorities in terms of providing more emphasis on certain programs and certain activities than in others," he added.

Magrath has demonstrated his support for the outstate campuses by several visits to each of them. He had been to Crookston and Morris even before taking over full time as University president. In the past three months, much of his time has been spent with administrative, faculty and student leaders on all of the University's five campuses.

Early in the fall, he took more than a week and met with the deans of each of the University's colleges to hear their problems and aspirations as input for a mission statement he plans to propose to the Board of Regents.

"You know I've heard an awful lot of arguments (around the state) that virtually every program we have, or at least a lot of them, are diverting money away from another program that should be getting it," he said.

(MORE)

Magrath would like to translate support for specific operations into support for the entire University, which is only as strong as its parts, he said.

"I don't expect the people who are concerned with forestry, for example, to spend most of their nights worrying about what happens in the humanities, but I would hope that if they're supportive of the University's special operations, that they would also be supportive and try to understand the needs of the total university.

"If the total university is weakened or demoralized or not properly funded, eventually, that will have an impact, in my opinion, on what happens in Waseca, what happens in Cloquet, in Crookston or on the St. Paul campus," he said.

Defined economic and social interests groups, Magrath said, gravitate toward supporting specific areas of the University, such as agriculture, technology and the health sciences.

The College of Liberal Arts, he said, which doesn't have that kind of interest-group support, enrolls about one-third of the students in the entire University.

"I believe that you don't have a strong University if you don't have a strong liberal arts program," he said.

"We aren't going to get a strong statewide association that has real legislative clout and is concerned with pounding the table on behalf of philosophy, the classics or humanities," he said, "but I still think we can speak and get a reasonably sympathetic response on these."

Magrath, a native of the eastern U.S., was exposed to the midwest for a few years as an academic administrator at the University of Nebraska in Lincoln. He was president of the State University of New York at Binghamton last spring when he was invited to Minnesota.

Describing himself as a "land-grant person," Magrath said he is committed to the ideal of a university which is working to apply its research and teaching efforts to the practical problems of the state and nation.

"I'm not sure it's possible for me to separate liberal education from vocational education in all respects," he said.

An avid sports fan, Magrath was in the locker room following each of the Gophers' home football games, despite their 3-3 win-loss record for the home season and 4-7 record overall.

One of the questions which is often put to Magrath on his outstate trips has given him problems: "When are you going to put together a football team that will beat your former university in Nebraska?"

"Well, that may take a little time," comes the common response, but Magrath promises that he will work on the problem.

Magrath has also visited and toured with staff at the University's experiment stations and has made a number of other visits outstate.

"It's fun because there's something real out here," he told a gathering of legislators and business leaders in Crookston. "I missed the midwest and this part of the U.S. far more than I thought I would when I went to New York."

Magrath is married and his wife, Sandra, whom he has referred to as "my favorite golden gopher," has accompanied him to football games and on many of his trips outstate.

Their 18-year-old daughter, Valerie, remained in Binghamton, N.Y., where she is working and attending college part time.

Magrath, whose name is pronounced "Ma-Grah," is a political scientist by training and the author of several books and articles on issues involving the history of the legal system and the U.S. Supreme Court.

-UNS-

(A1-5,27;B1,12;C1,4,15,21,22;D12;E4,6)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 26, 1974

NEWS PEOPLE: For further information
contact BILL HUNTZICKER, 373-7512

MAGRATH SAYS FUTURE OF
MINNESOTA AND 'U' TIED

(FOR RELEASE AT 2 P.M. TUES., NOV. 26)

University of Minnesota President C. Peter Magrath said in his Nov. 26 inaugural speech that the future of Minnesota and its university are tied together.

The inauguration ceremony was held in Northrop auditorium with guests from educational and political institutions and members of the public in attendance.

About 150 faculty, students, administrators and representatives of other educational institutions participated in the ceremony.

"Our future," Magrath said, "is tied to the capacity and willingness of Minnesotans and all persons involved with the University to set aside petty differences and to make our geographic, economic and social diversity a source of strength rather than of weakness, in a unified pursuit of a better life and improved educational opportunities for all persons."

Unity is needed to compensate for a "tension" that "tends to divide Minnesota into rigid categories and interests, rural, urban and suburban," Magrath said.

"Minnesota is not so large in population, in natural resources, and in various other ways that we can afford the luxury of divisiveness among our geographic sections, our economic and social groupings, and our people in general.

"The same point applies just as forcefully to the University of Minnesota." Magrath said the health of the University and the state depends "significantly on our collective ability to see the advantage of unity and cooperation."

He said that although the kind of strife seen on many campuses in the 1960's has run its course, universities should allow the open exchange of ideas.

"A university without controversy and dissent is not free, for the very nature of the academic process that we instill in our classrooms, our seminars, our scholarly research, is one of questioning, of criticism, and of disputation.

(MORE)

"Those of us who teach and those of us who as parents bring up our sons and daughters to be independent and self-reliant ought not to be surprised when they learn their lesson well," he said.

Minnesota is fortunate, he said, to have only one state university so the resources of the state are not spent on duplication. "Minnesota has a unique opportunity to capitalize in the best possible fashion on its university," he said.

Magrath admitted that the University's professional schools should do more to increase opportunities for students who are women and members of minority groups.

"I would hope that the University of Minnesota could try to provide some national leadership in correcting this situation, one of the keys to true educational opportunity," he said.

The best education will result, he said, from people dealing with each other as human beings and not in categories.

"Although it may be helpful and necessary for us to describe ourselves as student, faculty, legislator, administrator, or whatever category we choose to invent or contrive, we are all individuals with feelings, with needs and with aspirations," he said.

The future of Minnesota, he said, "is profoundly bound up with the role it enables its University to perform." Magrath said he hopes to continue the land-grant tradition encouraged by Minnesota's first president, William Watts Folwell, of the University as a "federation of schools devoted to practical concerns, higher principles and an attitude of investigation."

The inaugural ceremony was followed by a reception for faculty, students and invited guests in the court of the architecture building.

-UNS-

(A1-5,27;B1,12;C1,4,15,21,22;D12;E4,6)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 27, 1974

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NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

REGISTRATION FOR EXTENSION
CLASSES AT 'U' TO OPEN

(FOR IMMEDIATE RELEASE)

In-person registration for about 350 winter quarter University of Minnesota extension classes will open Wednesday, Dec. 4, in 101 Wesbrook hall on the Minneapolis campus and will run through Friday, Dec. 13.

Office hours are from 8 a.m. to 8 p.m. on Dec. 4, 5, 9, 10, 11 and 12, and from 8 a.m. to 4:30 p.m. on Dec. 6 and 13.

Students may also register at the MacPhail office, 1128 LaSalle, Minneapolis, from 8:30 a.m. to 8 p.m. on Dec. 4 and 5, and from 8:30 a.m. to 4:30 p.m. on Dec. 6, 9, 10, 11, 12 and 13.

A registration and information booth will be open in the Skyway Building in downtown St. Paul from 9 a.m. to 5 p.m. Dec. 4 to 13.

Suburban registration locations for courses scheduled there are Richfield Senior High School; Carl Sandburg Junior High School in Golden Valley; Kellogg Senior High School and the Roseville district office at 1251 West County Road B2, both in Roseville; Minnetonka Senior High School and the Minnetonka School District Administration Building at 261 School Ave., both in Excelsior. Hours are from 8 a.m. to 4 p.m. on Dec. 6, 9, 10, and 13, and from 8:30 a.m. to 8 p.m. on Dec. 11 and 12.

All offices will be closed Saturdays. Tuesday, Dec. 31 is the last day for registration and payment of tuition without a late fee. Registrations also will be accepted by mail.

For further information and an Extension Classes Bulletin, call 373-3159. Those persons interested in counseling and program advising should call 373-3905 for an appointment.

-UNS-

(A1,2,4,5,21,27;B1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
NOVEMBER 27, 1974

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NEWS PEOPLE: For further information
contact JUDY VICK, 373-7515

VOLUNTEER RIGHTS
PROCLAIMED BY COALITION

(FOR IMMEDIATE RELEASE)

A bill of rights, which may affect the nation's estimated 50 to 70 million volunteer workers, has been adopted by a coalition of 35 organizations representing about two million action and service volunteers.

The rights proclamation, aimed at providing opportunities for the personal growth and development of volunteer workers, was approved at a meeting held in Minneapolis recently. The meeting grew out of last April's national People Power conference, which was sponsored by the Junior League of Minneapolis in cooperation with the University of Minnesota.

"We see this as a vehicle to call people's attention to this issue. We hope it will start activities which will be beneficial in giving credibility to volunteers," said Marilyn Bryant, chairman of the People Power conference.

Represented at the meeting were such diverse groups as the Association of Junior Leagues, the National Organization for Women (NOW), the American Red Cross, the Coalition of Labor Union Women, the United Hospital Fund of New York, the Women's Equity Action League, the National Association for Mental Health and Girl Scouts of America.

According to the approved proclamation, volunteers have the right to the following:

---a variety of options for volunteer involvement, recognizing every form of citizen participation;

---appropriate training and job descriptions, evaluation and skill development, with records of performance maintained;

---mobility and transfer of volunteer work experience toward academic and/or professional certification;

(MORE)

---utilization of special skills and abilities;

---involvement in policy and decision-making with recognition of the volunteer as an agent of change;

---benefits which include insurance, upward mobility, space, expenses and tools for performance;

---and recognition of the impact of volunteer work to be accomplished through research, education on voluntarism from elementary through graduate schools, and communication and education of the public on voluntarism.

The group designated the National Center for Voluntary Action in Washington, D.C., to coordinate a coalition which will seek ratification of the bill of rights and investigate possibilities for new research in voluntarism.

-UNS-

(A1,2,5,19,20,21,22,27;B1;C1,4,17,18;E12,29)

UNIVERSITY OF MINNESOTA NEWS EVENTS

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
TELEPHONE: 373-5193
NOVEMBER 27, 1974

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(For more details, contact News Service writer whose name is given by each item.)

FALL FESTIVAL CONCERT TO BE DEC. 8 (Ronaele Sayre)

The University of Minnesota concert band and jazz ensemble will present their annual fall festival concert at 3 p.m. Sunday, Dec.8, in Northrop Auditorium.

The 58-member concert band, the 20-member jazz ensemble and soloists will be under the direction of Frank Benchriscutto, director of University bands.

Featured selections of the concert band will include "Scaromouch," a contemporary number for percussion and winds, and "Southern Tier Suite" with pioneer melodies and marches.

The concert is free and open to the public.

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'U' CHEM DEPT. OFFERS RESEARCH SUPPORT (Bill Hafling or Donald Truhlar, 373-5018)

The University of Minnesota chemistry department is now taking applications from undergraduate students, preferably juniors, interested in a summer research program in chemistry.

Those selected as Lando summer research fellows will receive \$130 per week. Appointments beginning June 1975 normally run for 10 weeks. The program is supported by a bequest from Maximillian N. Lando, who received a bachelor of science degree in chemistry from the University in 1902.

Deadline for application is Friday, Feb. 28, 1975. Interested applicants should contact Professor Louis H. Pignolet or Professor Donald G. Truhlar, Department of Chemistry, University of Minnesota, Minneapolis, Minn. 55455.

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UNIVERSITY OF MINNESOTA
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MINNEAPOLIS, MINNESOTA 55455
TELEPHONE: 373-5193
NOVEMBER 27, 1974

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

- Sun., Dec. 1---Recital: Naomi Braun, organ. Grace Lutheran Church. 8 p.m. Free.
- Sun., Dec. 1---University Theater: Gilbert and Sullivan's operetta "Patience," directed by Wesley Balk and Robert Moulton. Stoll theater, Rarig Center. 3 p.m. \$3.50 non-students, \$2.50 students.
- Sun., Dec. 1---University Theater: Dale Wasserman's play "One Flew Over The Cuckoo's Nest." Whiting proscenium theater, Rarig Center. 3 p.m. \$3.50 non-students, \$2.25 students.
- Mon., Dec. 2---Cartoons. Gopher Hole. Noon. Free.
- Mon., Dec. 2---Recital: Mark Gibson, piano. Scott hall aud. 8 p.m. Free.
- Mon., Dec. 2---U Film Society: Columbia Pictures retrospective. "Dirigible," 1932, 1 p.m.; "Platinum Blonde," 1932, 2:30 p.m.; "Bitter Tea of General Yen," 1933, 4 p.m.; "Man's Castle," 1934, 7:30 p.m.; "Crime and Punishment," 1935, 9 p.m. Mayo aud. \$1 donation for each.
- Tues., Dec. 3---U Film Society: Columbia Pictures retrospective. "The Awful Truth," 1937, 1 p.m.; "Angels Over Broadway," 1940, 2:30 p.m.; "Johnny O'Clock," 1946, 4 p.m.; "Gilda," 1946, 7:30 p.m.; "On the Waterfront," 1954, 9 p.m. Mayo aud. \$1 donation for each.
- Wed., Dec. 4---Recital: Dorothy Lutz, piano. Scott hall aud. 8 p.m. Free.
- Wed., Dec. 4---U Film Society: Columbia Pictures retrospective. "Dr. Strangelove," 1963, 1 p.m.; "Repulsion," 1966, 3 p.m. Mayo aud. \$1 donation for each.
- Wed., Dec. 4---U Film Society: Columbia Pictures retrospective. "Lawrence of Arabia," 1962. Bell Museum of Natural History aud. 7:30 p.m. \$1.50 donation.
- Thurs., Dec. 5---Poetry Reading: Five U of M professors present "An Evening with the Poets." St. Paul Student Center terrace lounge. 8 p.m. Free.
- Thurs., Dec. 5---U Film Society: Columbia Pictures retrospective. "Crime and Punishment," 1935, 1 p.m.; "Bitter Tea of General Yen," 1933, 2:30 p.m.; "A Man's Castle," 1934, 4:15 p.m.; "Platinum Blonde," 1932, 7 p.m.; "On the Waterfront," 1954, 8:45 p.m. Minneapolis College of Art and Design aud. \$1 donation for each.
- Fri., Dec. 6---U Film Society: Columbia Pictures retrospective. "Repulsion," 1966, 1 p.m.; "Gilda," 1946, 3 p.m.; "Dr. Strangelove," 1963, 7 p.m. Minneapolis College of Art and Design aud. \$1 donation for each.

(OVER)

CALENDAR

-2-

Fri., Dec. 6---The Whole Coffeehouse: Tom Waitts. 8:30 p.m. \$1.50 in advance at MSA Bookstore, \$2 at the door.

Sat., Dec. 7---Recital: Shelley Singer, piano. Scott hall aud. 8 p.m. Free.

Sat., Dec. 7---U Film Society: Columbia Pictures retrospective. "Repulsion," 1966, directed by Roman Polanski, 7 p.m. Bell Museum of Natural History aud. \$1.50 donation.

Sat., Dec. 7---The Whole Coffeehouse: Tom Waitts. 8:30 p.m. \$1.50 in advance at MSA Bookstore, \$2 at the door.

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(A1-6;B1)

(FOR RELEASE ANY TIME)

Feature story from the
University of Minnesota
News Service, S-68 Morrill Hall
Minneapolis, Minnesota 55455
Telephone: (612) 373-5193
December 2, 1974

POLITICAL INVOLVEMENT OF WOMEN TO CONTINUE

by Ronaele Sayre
University News Service Writer

Record numbers of women were candidates for political office in the recent general election. Substantial numbers got elected to Congress, one to a governorship and hundreds to state legislatures and other state offices.

And it is their election and re-election, according to Virginia Gray, political science professor at the University of Minnesota, that is giving women the experience needed for leadership positions in political parties.

Gray, who will teach a winter-quarter seminar on the political behavior of women in America, said women are now seeking political office and getting elected on their own merits.

"They are not getting elected because they are the widows of the incumbents, but because they have the training and experience to do the job," Gray said.

Gray said women have held positions in political parties in the past but most often as state committeewomen. Citing the Democratic party as an example where increasing numbers of women have been delegates to recent conventions, Gray said, "They are not going to go home and start knitting again." She feels there is an opportunity now for women to move into leadership positions in the Republican party too but is unsure whether that will happen.

The changes in women's political and social status have come about because of drastic changes in society, Gray said. She said such groups as the National Organization of Women have not really changed their demands but the demands are now viewed differently by society.

According to Gray, even the demands of the most radical feminist groups have benefited women in general. Their manifesto for the liberation of women, she said,

(MORE)

has made even the strongest demands of moderate groups acceptable.

A number of women's organizations are now "working within the system," she said. Such groups as the Business and Professional Women and the League of Women Voters have changed directions and come out in support of such issues as the Equal Rights Amendment (ERA).

Other groups have taken a second look at the role of women in the community and their involvement in various volunteer activities. "They look at it in a different light and put an economic value on it and want some recognition," Gray said.

Still other groups have not changed, she said, and groups such as the Daughters of the American Revolution are finding it hard to attract members.

Gray said the effort to ratify the ERA improved in the recent election with the election of many candidates in favor of ratification and the defeat of opponents. Ratification is needed in five more states for the amendment to become part of the Constitution.

-UNS-

(A1,2,5,21;B1;C1,4,18)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
DECEMBER 2, 1974

NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

U OF M TO OFFER
CLASSES IN LONDON

(FOR IMMEDIATE RELEASE)

Students may earn 12 or more University credits in London this year during the University of Minnesota's annual spring quarter in London.

Offered by Continuing Education and Extension, classes in art and theater will be taught by regular University of Minnesota faculty members from April 1 through June 8.

This year's offerings include classes in English art and architecture, Medieval art in London collections, the works of art housed in Westminster Abbey, London Theater from the Restoration to the present and arts and crafts of the theater.

All classes will meet in London's Beaver Hotel, where students will be housed. Approximate cost for tuition, overseas credit fee, room and breakfast is \$1,035 and students are expected to make their own travel arrangements.

Early registration is encouraged. For further information and registration materials contact the World Affairs Center, 306 Wesbrook Hall, University of Minnesota, Minneapolis, Minn. 55455 or call (612) 373-3799.

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A1,2,4,5,24,27;B1;C1,19)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
DECEMBER 2, 1974

NEWS PEOPLE: For further information
contact BOB KING, 373-7517

REGISTRATION NOW OPEN FOR
CHILDREN'S ART CLASSES

(FOR IMMEDIATE RELEASE)

Registration is now open for winter-quarter children's art classes sponsored by the University of Minnesota's Institute of Child Development and department of art education.

Children five to eight years old are eligible for the program, which will meet Saturdays from 10 a.m. to 12:30 p.m. Jan. 11 through March 15.

Children are taught by graduate students in art education. The classes emphasize art exploration rather than formal training and the children are encouraged to develop a feeling of their own worth as artists.

Fee for the course is \$15.

An exhibit of work done by children participating in the fall art classes is now on display at the Institute of Child Development through Dec. 7 and is open to the public from 9 a.m. to 4:30 p.m. Monday through Friday.

For further information, contact Virginia Eaton, Institute of Child Development, 373-9851.

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(A1-5,24,25,27;B1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, 8-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
December 3, 1974

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

U OF M HOSPITALS LOOKING
FOR HIGH CHOLESTEROL MEN

(FOR IMMEDIATE RELEASE)

Can early heart attacks be prevented?

University of Minnesota Hospitals researchers want to know and are looking for men who don't have heart disease but do have very high blood cholesterol levels to help them find out.

With the help of these men, they hope to test the effect that the lowering of cholesterol levels has in the prevention of the symptoms and consequences of heart disease.

The Minnesota Lipid Research Clinic, headed by Dr. Ivan Frantz, is looking for 300 men between the ages of 35 and 59 who have a special type of blood-lipid (fat) disorder called Type II hyperlipoproteinemia. Co-investigators in the study are Dr. Donald B. Hunninghake and Dr. Mary E. Dempsey.

Depending on blood cholesterol level, the Type II person's risk of heart disease symptoms or premature death is 2.5 to 10 times that of a person with normal blood cholesterol.

Previous studies have shown that a special diet can be moderately effective in lowering cholesterol levels. But during the next seven years the University and 11 other medical centers will be attempting to establish whether the drug cholestyramine, which produces a much greater lowering of cholesterol levels, can prevent or reduce the development of premature heart and artery disease.

Study participants cannot have heart disease, endocrine disease including diabetes, or blood pressure higher than 180/120. They also must be likely to

(MORE)

CHOLESTEROL

-2-

remain in the area for the seven-year follow-up, although the study will be concluded if the drug's benefits become clearly evident sooner.

Frantz estimated that less than one per cent of men in the proper age range might fit all the criteria needed for the study.

The University has received a \$765,390 contract from the National Heart and Lung Institute to initiate the study. Further information is available from Florine Peterson (612) 376-7579.

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(A1-5,8,22,27;B1,5;C1,4)

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9/11/42

Note to News People: A group of rural legislators, as well as representatives from various organizations and companies who have helped fund the Ouroboros Project will inspect the house Monday (Dec. 9)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
December 3, 1974

NEWS PEOPLE: For further information contact BILL HAFLING, 373-7514, BEVERLY SCHMIDT, 373-5147, or DENNIS HOLLOWAY, 373-2198

U OF M SOLAR HOME TO HOLD
OPEN HOUSE FOR THE PUBLIC

(FOR IMMEDIATE RELEASE)

The University of Minnesota's experimental solar home will be open for public tours from Wednesday (Dec. 11) through the first week of January. Tours will be conducted Mondays, Wednesdays, Fridays, and Sundays and reservations may be made by calling Beverly Schmidt at 373-5147.

Located in Rosemount, south of the Twin Cities, the home was built by University architecture students beginning in the Spring of 1973.

Named "Project Ouroboros" after the mythological dragon which eats its own tail---thus surviving endlessly through continued recycling---the house features a solar energy collector for heat, a windmill for electricity, and a sod roof and radical design to aid insulation winter and summer.

According to Dennis Holloway, assistant professor of architecture, the home will be closed again this spring to begin serious testing of the energy-conservation features.

-UNS-

(A1-5,7,15,18;B1,9,10;C1,2,3)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
DECEMBER 4, 1974

NEWS PEOPLE: For further information
contact BILL HUNTZICKER, 373-7512

'U' STUDY: FACULTY
WORK LONG HOURS

(FOR IMMEDIATE RELEASE)

The average full-time faculty member at the University of Minnesota works about 60 hours per week according to a study done by the University administration.

The findings were the result of a survey conducted by the office of Management Planning and Information Services (MPIS) based on a random, anonymous sample of 1,719 people or about 20 per cent of the faculty over the 1973-4 school year. About 80 per cent of the faculty members answered the questionnaire.

"Contrary to the popularly held image of the inaccessible research-oriented University professor, 59 per cent of their time is devoted to instruction or instructionally related activity, such as teaching, student advising and curriculum development," the report states.

According to the MPIS study, the average faculty member devotes about 22 per cent of the 60-hour total to "research, scholarly and creative activities" with about 19 per cent going to other activities such as administrative committees and public service.

MPIS Director David J. Berg said the study shows that the faculty works hard and that the results are more impressive if considered in terms of a 40-hour per week norm.

"Faculty devote nearly 'full time' (35.6 hours average) to direct instructional activities," the report states. "Research, administration, and public service are done almost on an 'overtime' basis."

The study showed that there are some faculty members working less than 40 hours a week with the lowest at 22 hours, and some people work more than 80 hours a week with the highest at 119 hours.

(MORE)

Berg said that anonymous studies tend to be more accurate than university-wide reports which require every professor to report his activities and sign his name to it.

"The faculty activity analysis replaces highly individual personal testimony with a statistically accurate profile of how a typical faculty member spends his or her time," Berg said.

The average academic appointee works 59.8 hours with professors working an average of 60.3 hours, associate professors 60.6 hours, assistant professors 58.3 hours and instructors 60.2 hours, the survey showed.

Berg said that the results match "very well" with those of previous surveys, both at Minnesota and elsewhere.

"They all say that faculty work long hours, as do other professional and entrepreneurial workers in our society, and that a very substantial number of those hours are directly related to their students," he said.

The purpose of the survey was "to improve our accountability to the legislature and the public in a way that will not compromise faculty privacy and morale," he said.

-UNS-

(A1-5, 12, 27; B1, 12; C1, 4, 19, 21, 22; D12; E4)

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MINNEAPOLIS, MINNESOTA 55455
DECEMBER 4, 1974

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

'U' FALL QUARTER
COMMENCEMENT IS DEC. 12

(FOR IMMEDIATE RELEASE)

Fall quarter commencement exercises at the University of Minnesota will be held Thursday, Dec. 12, in Northrop auditorium.

The ceremony, for Twin Cities campus degree candidates, will begin at 7:30 p.m.

President C. Peter Magrath, participating in his first commencement since becoming president of the university, will confer degrees on 1,721 students, including 173 doctoral candidates, 301 master's candidates and 1,232 bachelor's candidates. There will also be 11 special certificates in education conferred and four commissions in naval science.

Commencement speaker will be Regents' Professor Tom Jones. Named Regents' Professor of History in 1970, Jones has been a member of the University of Minnesota history department faculty since 1935. He received his bachelor's, master's and doctor of philosophy degrees in history from the University of Michigan.

An expert in ancient history, he is the author of numerous books and articles on related subjects. In 1966, Jones received the Distinguished Teacher Award of the University's College of Liberal Arts. In addition to his activities in the history department, Jones has worked with the University's Minnemath Center as an historian.

Following the Northrop ceremony there will be a reception in Coffman Union main ballroom for graduates and their guests.

-UNS-

(A1-5,27;B1;C1,4,21)

(FOR RELEASE THROUGH SPRING 1975)

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34
Feature story from the
University of Minnesota
News Service, S-68 Morrill Hall
Telephone: (612) 373-5193
December 5, 1974

U.S. ETHICAL INTELLIGENCE
MAY BE AT A LOW LEVEL

by Bill Hafling
University News Service Science Writer

"We don't want those people living in our neighborhood," say the citizens of Plushville, U.S.A. "They'll lower property values and frighten our children."

"Those people" are retarded persons---people whose intelligence level on one sort of test ranks less than the population average. In community after community, when land is bought and a home for retarded people is built, local citizens begin to protest.

Ironically, those who protest are demonstrating that they themselves have low intelligence in another area of development---the ethical or moral area, says University of Minnesota developmental psychologist Alan Briskin.

According to a long-existing psychological model of human intelligence, some 120 different kinds of intelligence are theoretically possible. Because of its importance to an industrially oriented school system, the only intelligence receiving much attention has been the so-called psychometric---the familiar IQ test. The IQ test was developed as a predictor of how well students would do in one type of school system.

Recently, however, psychologists interested in all aspects of human development have been testing other areas of intelligence. Because ethical and moral development are so important to the continued survival and progress of human societies, intelligence tests to measure growth in these areas are being developed.

"Hopefully, these new tests of ethical-moral intelligence will be kept in proper perspective, as mere indicators of the level of development an individual is at for a given time, and won't be used to give one type of person a feeling of superiority or power over some other person," Briskin said.

(MORE)

"Unfortunately, the familiar test of school-achievement intelligence has been mis-used. People are channeled, discriminated against, and even institutionalized for life on the basis of this test's results," he said.

Briskin said one difference between the tests of ethical-moral development and the familiar school tests is that the ethical-moral tests are based on a theory of growth.

Contrary to earlier opinions that a person with a particular IQ was "stuck with it for life," there is now evidence that even this type of intelligence can increase throughout life. Just the same, authorities continue to make decisions about others on the basis of IQ tests, assuming either that intelligence cannot increase or that it declines with advancing age.

Ethics Can Be Developed

"No one need be stuck at a low level of ethical intelligence for life," Briskin said. "Solving life's dilemmas, experiencing conflict, desiring to improve, becoming concerned for others, all these things can stimulate the development of ethical intelligence to higher levels."

One outline of ethical development levels widely used by psychologists doing research in this area was developed by Dr. Lawrence Kohlberg from Harvard University.

According to Kohlberg, the level a person has reached can be tested by examining the reasons given for acting in certain ways in a wide variety of situations.

The new-born infant, for example, has no ethics or morals. He thinks only of himself and does not yet have the capacity to care about anything but his own survival.

Most children progress rapidly out of this purely self-oriented level into what Kohlberg defines as "stage one." At this stage, the person is mostly concerned with avoiding punishment and his "conscience" consists of behaving in ways to keep from being punished. A person at this stage of development obeys the law, for example, purely out of fear of getting caught and fined or sent to jail.

(MORE)

A stage two person will act out of a desire for reward or benefit. At this stage, a "threat to property values," for example, would be ranked above "giving other people a chance to live in a community as free people" in importance. People acting at this stage probably do not experience any guilt over actions they take which might hurt others as long as they profit from such actions themselves.

"Though Adolph Hitler had a very high psychometric IQ---perhaps of genius proportions---his ethical intelligence was obviously quite low," Briskin said. "He could only have been at stage one or two."

Achieving "Conformity"

A "good boy, good girl" orientation best describes stage three development. Psychologist Jane Loevinger of Washington University, St. Louis, said this level is marked by the achievement of "conformity." Many adults remain at stages one and two and do not ever reach the level of conformity, Loevinger said.

At this "good boy, good girl" level, "what the neighbors think" becomes important. Many actions are taken to avoid social disapproval and there is much concern with maintaining an image or keeping up appearances.

Law and Order

The stage four level of development is one researchers call the "law and order stage." Here people conform to the rules of a society rather than purely to the disapproval of others. Guilt for harm done to others is found. Respect for the laws of the society is developed.

"The 'conformists' look up to people who are at a law and order stage of development," Briskin said. "In the last presidential election people were offered law and order by Nixon and Agnew. In order to be 'good boys and girls' many of them voted for this offer. Conformists often do not like to think for themselves. Law and order morality allows people to defer to authority without having to think about it.

"By the way, both Nixon and Agnew have high IQs," Briskin said. "I leave it to you to consider what level of development they have achieved in the ethical-moral area."

(MORE)

Higher Levels are Possible

Two higher stages have been found to exist above the law and order stage. As a given individual progresses to these stages, a heightened "sense of self" is developed.

This greater awareness requires that the person think about his or her own actions. Deference to any authority as a reason for action falls away and the basic "rightness" of an action is considered. At stage five, a long-run point of view involving self-respect and the greater good of the community is developed.

At stage six, the person becomes governed by very broad moral principles. Here, a law may be deliberately violated in order to achieve justice, as in the actions of such men as Martin Luther King and Mahatma Ghandi. Both men, for example, believed that "The only true liberation is that which frees both oppressor and oppressed."

Researchers are troubled over the finding that possibly over half of the U.S. adult population is at or below the conformity level, or stage three. If this is so, at least half of the U.S. population could be expected to defer to authority without thinking through the implications of such actions.

-UNS-

(A1,2,5,8,10,13,19;B1,5,6,9,10;C1,4,21;D10;E1,3,4,11,12,25,27)

UNIVERSITY OF MINNESOTA NEWS EVENTS

(FOR IMMEDIATE RELEASE)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
TELEPHONE: 373-5193
DECEMBER 5, 1974

2A4/2

(For more details, contact News Service writer whose name is given by each item.)

EXHIBIT TO OPEN IN BELL MUSEUM

(Judy Vick)

"North to Churchill and Hudson Bay," an exhibition featuring the sketches and watercolors of Bell Museum of Natural History staff artist Alfred Martin and the color photographs of naturalist Robert Jarosz, will open Wednesday, Dec. 18, in the Jaques gallery of the museum at the University of Minnesota.

The works, approximately 44, depict life in the sub-arctic tundra.

The exhibition will be up through Feb. 16, 1975. Regular gallery hours are from 9 a.m. to 5 p.m. Monday through Saturday (to 9 p.m. Wednesdays) and 2 to 5 p.m. Monday. There is no admission charge. The museum is located at 17th and University Ave. SE.

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POTRATZ SCULPTURE ON EXHIBIT

(Judy Vick)

An exhibition of sculpture by Wayne E. Potratz, assistant professor of studio arts at the University of Minnesota, is in the Bethel College Gallery, Arden Hills, through Dec. 20.

The exhibition titled "Cache No. 3 and Other Sculptures" includes 16 bronze, brass, aluminum and zinc pieces. "Cache No. 3" was supported by a summer research grant from the University of Minnesota Graduate School.

###

STUDENTS TO WRAP PRESENTS FOR ELDERLY

(Ronaele Sayre)

Fifteen hundred Christmas packages for elderly people will be wrapped by 70 student volunteers on Saturday (Dec. 7) from 10 a.m. to 4 p.m. at the Newman Student Center, 1701 University Ave. SE.

The project is a joint effort of the Little Brothers of the Poor, a non-profit organization working with the elderly poor, and the Newman Center.

The packages will be distributed to the elderly poor of the Twin Cities during the month of December.

-UNS-

(A1-5,24,25,26;B1;C1,4)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
DECEMBER 6, 1974

MTR
N47
GA4P

NEWS PEOPLE: For further information
contact JUDY VICK, 373-7515

'CUCKOO'S NEST' RATES HIGH

(FOR IMMEDIATE RELEASE)

The University of Minnesota's recent production of the play "One Flew Over the Cuckoo's Nest" was one of the most successful regular season productions, in terms of attendance, in the University Theater's history.

The play was sold out 100.4 per cent of capacity for a total of nine performances. The over 100 per cent figure was achieved by the reselling of tickets which were not picked up at performance time. "We turned people away at every performance," said Merle Lopnow, assistant to the University Theater director.

In the 44-year history of the University Theater, "Cuckoo's Nest" ranks fifth in terms of attendance. Also breaking the 100 per cent mark were the 1946 productions of "King Lear," "Ah, Wilderness!," and "Green Pastures" and the 1962 production of "Henry IV."

These statistics do not include attendance at the University's summer Showboat productions which have sold out an average of 99 per cent in its 17-year history.

"Cuckoo's Nest" was directed by graduate student Gerald Koch and starred University students Frank Dent and Jim Beattie.

-UNS-

(A1,2,5,24,25;B1;E9)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
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DECEMBER 6, 1974

NEWS PEOPLE: For further information
contact BILL HUNTZICKER, 373-7512

MEMO TO NEWS PEOPLE

Gov. Wendell Anderson will spend a day touring the Twin Cities campus of the University of Minnesota and visiting with President C. Peter Magrath and other University administrative, faculty and student leaders Tuesday (Dec. 10).

The visit will begin at 8:45 a.m. with Magrath joining the governor, a University graduate and former Gopher hockey star, and his aide Duane Scribner, former director of university relations, for breakfast at Al's Breakfast in Dinkytown.

Student leaders will meet with Anderson and Magrath at 10:15 a.m. in the Regents' room, 238 Morrill Hall. The two men, along with Scribner and Stanley B. Kegler, vice president for institutional planning and relations, will meet at 10:55 a.m. with the directors of women's athletics in the Bierman building.

After that meeting, Magrath, Anderson and Paul Giel, director of intercollegiate athletics, will talk and work out in the Bierman building.

University vice presidents will meet with Anderson, Magrath and Scribner for a box lunch in the president's office at 12:45 p.m. followed by a meeting in the Regents' room with the faculty consultative committee.

The governor will then take a walking tour of parts of the Minneapolis and St. Paul campuses. He is expected to leave the St. Paul campus about 4:30 p.m.

The meeting with students and the session with the faculty consultative committee will be closed to the press and public. The others are open to the press.

-UNS-

(A1-4; B1, 12; C1, 4, 22)

UNIVERSITY OF MINNESOTA
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DECEMBER 6, 1974

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NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

RETROACTIVE BENEFITS
DUE VETS AT 'U'

(FOR IMMEDIATE RELEASE)

Christmas will be a little brighter for 5,700 Vietnam veterans enrolled at the University of Minnesota following passage by Congress, over a presidential veto, of a \$184 million increase in veteran's educational benefits.

Tom Wincek, director of veterans programs at the University, said the increases are retroactive to September and thus checks totaling approximately \$160 for single veterans and \$190 or more for married veterans and those with children should be in the mail within two weeks.

The regular monthly checks will include the increase beginning in January with single veterans receiving \$270 a month, an increase of \$50, and married veterans receiving \$321, an increase of \$60. There are proportional increases for married veterans with children.

Veterans will also be able to collect benefits for 45 months of undergraduate work compared to a previous limit of 36 months.

Because of an 11.1 per cent increase in veteran enrollment this year, the University's Veterans' Assistance Office received a federal grant of \$156,114 this fall to assist veterans. Wincek said veteran enrollment in extension classes increased this fall 1,000 over last spring.

Three full-time Veteran's Administration counselors have been assigned to the University since the start of the school year to help veterans with questions. The counselors are part of a \$24 million "man on campus" program of the VA.

-UNS-

(A1-5,27;B1;C1,4)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
DECEMBER 6, 1974

NEWS PEOPLE: For further information
contact JUDY VICK, 373-7515

MINNESOTA IS SUBJECT
OF TWO NEW 'U' BOOKS

(FOR RELEASE ANY TIME BEFORE MARCH 15, 1975)

Minnesota life---from the Red Lake Indian reservation of the north, to the original Main Street in Sauk Center, to the city streets of Minneapolis---is depicted in two books published recently by the University of Minnesota Press.

"Indian and Free: A Contemporary Portrait of Life on a Chippewa Reservation" by Charles Brill, a former Minneapolis Tribune photographer now a professor at Kent State University, presents 160 photographs and a text which show and tell how 4,000 Minnesota Indians live as a semi-sovereign nation on a half million acres of woodland and water.

Highlighting Brill's book are his photographs of the aged members of the Red Lake tribe and of the traditional and modern activities of the people---fishing, powwows, pool shooting and attending school.

"Minnesota In Focus" is a collection of photographs from the Minneapolis Star and the Minneapolis Tribune with text by George Moses, a Macalester College professor who formerly headed the Minneapolis bureau of the Associated Press. The book covers various facets of Minnesota life---"The Land and the People," "From Cornfields to Computers" and "Diversions and Recreations."

The color and black-and-white photos picture all areas of the state and Moses' commentary presents the history of Minnesota, statistics about its people and the economy and anecdotes which provide colorful information about the state.

-UNS-

(A1,2,5,10,12;B1;C1,4,15;E15)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
DECEMBER 9, 1974

NEWS PEOPLE: For further information
contact BILL HUNTZICKER, 373-7512

MEMO TO NEWS PEOPLE

A rap session with St. Paul campus students will be among the discussions at the monthly meetings of the University of Minnesota Board of Regents this Thursday and Friday (Dec. 12 and 13).

The session with students, University President C. Peter Magrath, and the Regents' student concerns committee will begin at 8:30 a.m. Friday in the student center on the St. Paul campus.

A reception hosted by the College of Forestry will follow at 9:30 a.m. in the first floor of Green Hall.

The regular monthly full board meeting will convene at 10:15 a.m. in 14 Green Hall. The meeting will include a presentation from the College of Forestry and conclusion of business begun on Thursday in committee sessions.

Henry Koffler, nominee for the position of vice president for academic administration, will be introduced to the Regents' executive committee Thursday, when Magrath will ask the board to confirm his appointment.

Koffler will meet with news people at 11:45 a.m. following the Regents' meetings in the news conference room, B-12 Morrill Hall. He will have a news conference at that time.

Regular meetings of the Regents' committees will be Thursday in Morrill Hall. They are:

- 10 a.m., executive committee, Regents' room, 238 Morrill Hall;
- 10:45 a.m., committee of the whole, Regents' room;
- 1 p.m., educational policy and long-range planning, Regents' room;
- 1 p.m., student concerns committee, 300 Morrill;
- 2:15 p.m., faculty, staff and public relationships, Regents' room;

(MORE)

--2:15 p.m., physical plant and investments committee, 300 Morrill;

--3:30 p.m., budget, audit and legislative relationships, Regents' room;

--3:30 p.m., health sciences committee, 300 Morrill Hall.

A discussion of Minnesota's needs in veterinary medicine and a reciprocity agreement with North Dakota will take place at the educational policy committee meeting.

A presentation on the proposed law school building, including a model and drawings, will be on the agenda of the physical plant committee.

Reports on affirmative action progress and the process for selection of deans at the Duluth campus are on the agenda of the faculty, staff and public relationships committee.

The budget, audit and legislative relationships committee will consider the faculty salary proposal which will be part of the University's 1975 legislative request.

-UNS-

(A1-5;B1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
DECEMBER 10, 1974

NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

FOREIGN STUDENT JOB
POLICY IS CRITICIZED

(FOR IMMEDIATE RELEASE)

There are many victims of the current U.S. economic recession---the poor, the elderly, minority people, and foreign students.

And it is the foreign students, lacking a strong organized lobby, who find life-long dreams and plans destroyed by policies they cannot oppose.

Last summer, the Immigration and Naturalization Service (INS) began enforcing a new, tougher policy on the granting of summer work permits for foreign students. The new policy is having an adverse affect on many students' ability to stay in the U.S. and earn degrees.

The International Student Affairs Office (ISAO) at the University of Minnesota reports that about 2,000 students from 96 countries attend the University alone. Although a majority are graduate students, an increasing number are undergraduates, according to Forrest Moore, ISAO director.

While graduate students often have teaching assistantships to help them pay for their education, undergraduate students have to find their own means to pay the \$4,000 per year it costs for foreign students to study at Minnesota, Moore said.

Twenty five to 30 per cent of the foreign students enrolled at the University this fall were undergraduates. The number has increased in recent years with many transfers from junior colleges, Moore said.

Until last summer, the foreign student advisors on college and university campuses made the decision on foreign-student applications for summer work permits. But last summer such permits were granted only by the INS and the policy will be in effect again next summer.

The policy change was the result of fears by the U.S. Labor Department that foreign students were working while there was high unemployment among low-income

(MORE)

minority group members and Vietnam veterans. A study, requested by the ISAO, is now being conducted by the University's student life studies office on a comparison among University students of foreign student, minority group and Vietnam veteran employment in the Twin Cities.

Although permits were granted by the foreign students advisor's office only when unforeseen circumstances made it necessary for the student to work, Moore said the new policy tightens the reasons allowed.

He said many students before claimed the effect of inflation made it necessary for them to work, but now inflation is expected to be a "fact of life" and students are expected to allow for it in their budgeting.

Another INS ruling now requires that students entering the country for schooling show proof that they have financing for their entire period of study.

Such a ruling is almost impossible to comply with, according to many University foreign students, and Moore agrees. Many of the foreign students come from undeveloped countries and even the wealthiest families cannot accumulate enough money to pay for four years of schooling.

Moore said even few American families could meet that requirement. Many countries have restrictions on how much money may be taken out of the country and often even large sums of money accumulated in a student's native country become small amounts when exchanged into U.S. currency, said Moore.

The new policy has also been applied to students currently in the U.S. although most came with enough financing for only one school year with plans to work during the summer.

Students found working without a work permit are told they have 30 days to leave the country. Moore said the INS is "the prosecutor, judge and jury" in such cases although a student may appeal a decision. Usually such an appeal may bring a postponement and allow a student to complete the current school year but without completing his degree goals.

And going home without a degree is difficult to accept. Nogi Mulla, graduate student from Pakistan, said for most students there is such family pride in the

student's studies in the U.S. that going home without a degree is almost impossible to accept.

Moore said he is aware of eight to 10 University students who have been notified they must leave the country. Two have already left and the others are expected to leave at the end of the school year.

Leaders of the Minnesota International Students Association (MISA) express anger and frustration at the INS policy changes. Tayo Poroye, MISA president and graduate student from Nigeria, said the INS appears to be treating foreign students as if they were illegal aliens.

Shimon Landau, executive vice president of MISA and graduate student from Israel, said the immigration authorities do not have enough manpower to process foreign student applications for work permits. Some students who did apply for permits last summer finally received permission to work late in the summer.

Foreign students also expressed frustration at paying non-resident tuition, a tuition difference that does not exist for American students studying abroad. But Moore reports that some countries have started imposing a special fee and others are thinking about doing so, partially in response to U.S. actions against foreign students.

Although Moore does not see a decline in the number of foreign students coming to the U.S. to study, he said he sees the possibility of less variety. "The oil producing countries have the money to send their students to school and the wealthy will be able to come," he said.

A bill has been introduced in Congress to return the authority for granting summer work permits to the foreign student advisors. Moore said various groups involved with foreign students along with colleges and universities have supported the bill but more support is needed.

The foreign student association has sought and received the support of student organizations on campus in their effort to organize opposition to the immigration policy. In addition, the association has appointed a task force of foreign and American students to study immigration and employment problems facing foreign students.

Poroye is urging people who wish to comment on the INS rulings to write to the Commissioner of Immigration and Naturalization, 425 Eye Street, N.W., Washington, D.C. 20536.

UNIVERSITY OF MINNESOTA
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DECEMBER 11, 1974

MTR
W47
gthp

NEWS PEOPLE: For further information
contact BILL HUNTZICKER, 373-7512

MEMO TO NEWS PEOPLE

University of Minnesota St. Paul campus students will have their rap session with the Board of Regents' student concerns committee at 8:30 a.m. Friday in 225 Kaufert Laboratory on the St. Paul campus.

The meeting had been scheduled in the student center. The regular monthly Regents' meeting will follow at 10:15 a.m. in 14 Green Hall.

-UNS-

(A1-5;B1)

UNIVERSITY OF MINNESOTA
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DECEMBER 11, 1974

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NEWS PEOPLE: For further information
contact RONAELE SAYRE, 373-7516

HEW COMPLIANCE TEAM
REVIEWING DATA AT 'U'

(FOR IMMEDIATE RELEASE)

Hiring practices at the University of Minnesota are being investigated by the Department of Health, Education and Welfare (HEW) to determine whether there is discrimination, according to a University official.

Walter Bruning, vice president for administrative operations, said the compliance review team from the regional office of HEW is on campus to review personnel data in accordance with current HEW policy.

"The University is cooperating fully with the team and welcomes their assistance," Bruning said.

As a recipient of federal funds, the University is required to meet federal standards by offering equal employment opportunity to everyone, regardless of race, creed, national origin or sex. HEW has the power to cut off all federal funds from an institution found guilty of discrimination.

The Council for University Women's Progress, representing University faculty, civil service employees, students and faculty wives, has a complaint on file with HEW charging the University with sex discrimination.

HEW officials were not available for comment.

-UNS-

(A1-5,21,27;B1;C1,4,18,19,21,22;D10;E4,29)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
DECEMBER 11, 1974

DATE
10/47
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NEWS PEOPLE: For further information
contact ROMAELE SAYRE, 373-7516

STUDY FINDS LOW LEVEL
OF JOB COMPETITION
BY FOREIGN STUDENTS

(FOR IMMEDIATE RELEASE)

Despite fears of the U.S. Department of Labor that foreign students at U.S. colleges and universities are taking jobs away from Vietnam veterans and unemployed people, a University of Minnesota study released today (Dec. 11) shows off-campus employment accounts for only 10 per cent of foreign student resources.

A survey of 36 colleges and universities, with individual questionnaires sent to 10,360 foreign students, was conducted by John E. Stecklein, professor of educational psychology, for the National Association for Foreign Student Affairs. The study was underwritten by the Rockefeller Foundation and the Bureau of Educational and Cultural Affairs of the U.S. State Department.

The report shows that the primary source of support for the 118,339 foreign students in U.S. colleges and universities came from sources outside the U.S. and totaled for \$320 million for the 1973-74 academic year. Colleges and universities provided about \$100 million in support.

Information from 36 of the 52 educational institutions with the greatest number of foreign students shows that approximately 12,000 foreign students had off-campus jobs during the school year. Income from part-time and summer employment, excluding assistantships, totaled \$101 million. An estimated 26,000 of the 118,339 students had on-campus jobs, including research and teaching assistantships.

It was found that the off-campus jobs were either supplemental to the foreign student's education and could be classified as practical training or were jobs with high turnover rates, such as janitorial and food service work.

(MORE)

Dependence upon various sources of support was found to be related to the length of time the student had been in the U.S.

Generally, dependence on support from parents and savings declined with the length of time the student stayed in the U.S. Scholarships from the home government or the U.S. also declined.

Students at a U.S. college or university for more than one year were more likely to have received scholarship aid or assistantship from the school, to have had other kinds of on-or off-campus jobs, or to have received loans within the U.S.

Students reported they rely more heavily on earnings from summer employment the longer they have been in the U.S. Educational costs for foreign students were estimated to be \$4,103 per year with a projected average increase of \$600 for the current school year.

National Association for Foreign Student Affairs officials said the study was done in the hope that accurate information on the financial resources of foreign students could help avert a crisis involving work opportunities for foreign students needing to augment their support.

Foreign students and others have expressed strong opposition to an Immigration and Naturalization service policy that now requires summer work permit applications to be processed through INS offices only instead of through foreign student advisors at U.S. colleges and universities.

-UNS-

(A1-5, 11, 15, 27; B1; C1, 4, 19, 21, 22; D10, 12; E4, 6, 16)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
DECEMBER 12, 1974

NEWS PEOPLE: For further information
contact JUDY VICK, 373-7515

MINNESOTA BUSINESS SURVEY
SHOWS RECESSION TREND

(FOR IMMEDIATE RELEASE)

Minnesota manufacturers are clearly experiencing the national economic recession, according to survey results released this week by the University of Minnesota's business school.

Production, employment and new orders in manufacturing are down and lead times to purchase materials and capital goods have halved since last winter, the survey of a representative group of Minnesota manufacturers showed.

In the retail portion of the survey the picture was mixed, with sales and inventories up and employment generally below last year, although up seasonally.

There is some evidence that price rises are not quite as widespread as in previous surveys. A growing minority---36 per cent of the retailers and 30 per cent of the manufacturers---report prices of purchased goods holding at last quarter's levels.

The quarterly report from the College of Business Administration is based on responses from 45 of 63 panel members selected at random from manufacturing and retail companies throughout the state.

The report indicates that the current downturn will probably continue into the first quarter of 1975.

On the average, new orders are dropping. Seventy-seven per cent of the manufacturers report new orders at the same or lower levels than those of the preceding quarter. Respondents said that a tight money market is playing a substantial role in these new order decreases.

The report was prepared by Robert Dwyer, a graduate student, under the direction of Associate Dean Roger B. Upson.

(MORE)

"The survey results mean that things like employment, output and sales are going to be gloomy in the first quarter of 1975," Upson said. "The picture for retailing is even gloomier, because although their sales are up, it's probably due to inflation. They may not be handling the same volume they were last year in real terms."

The survey does not ask respondents to supply specific percentage figures for upward and downward trends.

-UNS-

(A1-5,15;B1;C1,4,15)

(FOR RELEASE ANY TIME)

Feature story from the
University of Minnesota
News Service, S-68 Morrill Hall
Telephone: (612) 373-5193
December 12, 1974

WOMEN'S ROWING CREW
INVESTS MORE THAN TIME

By Gail Gendler
University News Service Writer

Rowing is not a typical intercollegiate sport.

The typical athlete must invest a great deal of time and effort into his or her sport, but members of the University of Minnesota's rowing crews must also invest much of their own money into the program.

The women's crew has found talented women willing to pay their way and "get past the drudgery of training," according to Lynn Margolin, crew coxswain, and it has paid off.

Margolin and the 12 members of the women's team were honored Thursday (Dec. 12) by the University's Board of Regents for winning the national lightweight eight championship last June.

The top collegiate crew in the U.S., the women's team finished third last summer in North America's most prestigious race, the Royal Canadian Henley championships. In the Head of the Charles race in Boston this fall, the team finished third behind crews with long traditions of rowing---not just the three years that Minnesota's crew has been in existence.

"You must plan your life around rowing in order to do the training," Margolin said. "You've got to get out for practices and even plan your job around traveling to compete in regattas."

Each of the crew members spent approximately \$1,000 of her own money this past year for travel expenses, entry fees, uniforms and memberships in rowing organizations. The University gives only \$700 to the men's and women's crews and they must divide the money between them.

(MORE)

When the crew traveled to Oakland, Calif. last June, to compete for the national championship, each member had to provide her own expense money. Fifteen people crowded into one camper-trailer with two racing shells and fourteen oars tied to the top, and then drove forty-eight hours non-stop.

"There was room for eight people in bunks, three people on the floor, two people with the driver and whoever was left sat on a table," Margolin said. "Every time we drove through a tunnel we worried about scraping our boats. With all the people and the boats we went up the mountains really slow and down too fast."

Crew members estimate that in the past three years, they've had to raise \$12,000 to buy new equipment, fix up the old boats and travel to regattas. The exteriors of the racing shells are only an eighth-of-an-inch thick so there can be a lot of maintenance to do.

"People here really respect the equipment. Whenever we get a new boat no one wants to touch it," Margolin said. "We try to get the best quality boats for the least amount of money, but there aren't any good ones that are not expensive."

An eight-person racing shell costs about \$5,200 and a four-person shell \$2,700 but the initial cost of the boat isn't the only expense involved.

"It costs about \$1,000 to have racing shells adapted to women. The boat must be lighter, thinner and more compact than the boats the men use," women's coach Ron Korpi said.

Members of the men's and women's crews are currently trying to raise \$7,000 to build a new boathouse. They now share facilities with the Minneapolis crew club but must find another place to store boats before next spring's season begins.

Both the Minneapolis club and the University crews would like to expand and one boathouse isn't large enough for both groups. The University crews also pay membership fees and equipment storage charges to the Minneapolis club, money that could go for new equipment.

"It's a vicious circle," Margolin said. "We're waiting to get money for new and better equipment but if we get the equipment we have no place to put it."

(MORE)

Finding the money and the materials to build the boathouse isn't the largest obstacle facing the crews however. The Minneapolis Park Board says "construction of the type of facility the crew needs doesn't fit into the long-range riverfront development plans," according to Albert Whitman, Park Board assistant superintendent for planning.

The rocky University-owned land bordering the Mississippi is inaccessible and the edge of the coal handling dock is the only possible site. A boat-launching dock could be built there but there isn't land to build a storage facility.

Clint Hewitt, assistant vice president for physical planning, said the University is working with the crew to find other possible sites for the boathouse. He said they hope to arrive at an agreement with the Park Board for approval to build next to the Mississippi.

-UNS-

(A1,2,3,5,21;B1;C1,4,18,19,21,22;E29)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
DECEMBER 13, 1974

MTR-
1147
Hlp

NEWS PEOPLE: For further information
contact BILL HUNTZICKER, 373-7512

REGENTS SAY TUITION TOO HIGH

(FOR IMMEDIATE RELEASE)

Minnesota young people may be barred from certain educational opportunities because of increasing university and college tuition.

That was the concern expressed Friday (Dec. 13) by the University of Minnesota Board of Regents in a resolution to ask Gov. Wendell Anderson and the 1975 Legislature to give special attention to tuition policy.

Currently, students pay 26.5 per cent of the University's operations budget in tuition. Thus, every time legislative appropriations for the University increase, student tuition increases proportionally.

The resolution does not affect the University's request to the 1975 Legislature for \$328 million for the 1975-77 biennium, an increase of \$77 million over the current two-year budget.

Proposed tuition increases would yield an additional \$16.9 million.

University President C. Peter Magrath expressed concern about the increasing tuition, but added that the University's increasing operating costs due to inflation make it difficult to hold the line on tuition.

"The ideal solution, in my view, would be to hold tuition at the present level through the first year of the biennium, if that's possible," Magrath said.

"It's my hope that the governor and legislature will work with us and help us examine this concern and see what can be done about it," he said.

This problem, he said, is not limited to the University, but is shared by community and state colleges. "This is not an issue exclusive to the University and should not be seen in that light," he said.

John Yngve, chairman of the Regents' budget, audit and legislative relationships committee, said the resolution would bring out into the open the need for an examination of the 26.5 per cent policy.

MORE

"It's reaching a point where it's becoming increasingly difficult for us and for students to pay that tuition and increasingly difficult for us to fund the loan programs and other programs to support people who are becoming excluded with each incremental increase," Yngve said.

"Tuition is already high at the University of Minnesota and at other institutions of public higher education in this state," the resolution reads. "A significant increase in tuition could seriously affect many students and their parents many of them of modest means.

"The Regents, nevertheless, affirm their previous conclusion that the 1975-77 legislative request, as formulated, is essential for the sound operation of the University of Minnesota; but they are equally concerned about the detrimental impact of projected tuition increases," the resolution stated

The Regents also approved the inclusion of a \$37 million faculty pay increase in the legislative request. The cost would be borne by \$27.9 million in the appropriation and \$9.2 in tuition hikes.

The plan calls for a 12 per cent cost-of-living raise the first year of the biennium and an additional 4.5 per cent for merit increases and equalization of salary inequities. Some six per cent plus the cost-of-living raise was proposed for the second year of the biennium.

Magrath said the University's ranking has dropped from seventh in 1971 to tenth this year for professor's salaries in its competitive market of 12 schools, including the Big Ten and California.

Relative position for the pay of beginning instructors at the University dropped from fourth to ninth during the same period, Magrath said.

-UNS-

(FOR IMMEDIATE RELEASE)

Feature story from the
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Telephone: (612) 373-5193
December 13, 1974

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OFFICIALS SAY INFLATION HURTING 'U'

by Bill Huntzicker
University News Service Writer

Inflation is hurting the quality of the University of Minnesota and may be limiting student opportunities, two new University vice presidents said Thursday.

Henry Koffler and Frank B. Wilderson, who were named University vice presidents by the Board of Regents Friday (Dec. 13) discussed the University's problems and potentials in a news conference.

Koffler, 52, head of the biological sciences department at Purdue University will become vice president for academic affairs around July 1, 1975, and Wilderson, 43, assistant dean of the College of Education at the University, will become vice president for student affairs on Jan. 1.

Reporters pressured the men to talk about the impact of and potential for further cutbacks in certain University programs to provide funding for improving other areas of the institution.

"If we didn't have this tremendous inflationary period," Koffler said, "I would certainly be more cheerful about doing things without additional funds, but you have to take care of this inflationary trend.

"If that is done, I think the University can do quite a bit," he said. "But if that continues I think it's really hopeless."

Wilderson said that studying the impact of inflation on the student's buying power will be an important priority when he assumes office.

"As costs have gone up and students' dollars have bought less for them in terms of opportunities here at the University, the whole area of student financial aid and the basic formulas on which financial aid would be distributed are issues that a person in my position would have to be ready to address pretty quickly," Wilderson said.

(MORE)

He said he agrees with Regents' and legislative policy that students should pay a percentage of their instructional costs but, he said, the current 26.5 per cent may be too high.

"I'd like to see how students get squeezed when they have to pay from their limited income 26 per cent of the cost of their education," Wilderson said. "It may be that that figure affects students differentially across economic levels."

Despite inflation, Koffler said he would try selective improvement of parts of the University. "I have no grand plan," he said. "The University is a gigantic organism."

The way to improve is to build on the institution's strengths improving one unit at a time, he said. "Some units are good and we can make them distinguished," but improving areas that are mediocre takes more time, he said.

In three to five years, Koffler said, he would like to see that he has made some influence on the University. "I think I have some assurances from the administration that my advice regarding academic matters will be taken very seriously," he said.

The open records law authored by Sen. James Buckley was another topic raised by newsmen.

Wilderson said the law could provide an additional educational opportunity for students. Under the law, students may be allowed to see any records that are kept on them by the University.

"This is a learning environment and students can learn from the observations people have of them," Wilderson said.

Koffler said, however, that letters of recommendation may not be as candid if the professors who write them know that students may read the letters. More business may be conducted by the telephone rather than by letter, he said.

The tendency for students to shop around, Wilderson said, may be increased when faculty members share with students what would probably be written in a recommendation letter. Wilderson said he shares his observations with students and then lets them decide whether they still want him to write letters for them.

(MORE)

A professor of educational psychology in addition to his duties as a College of Education administrator, Wilderson will be the highest ranking black person in the University's administration when he assumes his new position.

A native of Garyville, La., he holds degrees from Xavier University in Louisiana and the University of Michigan.

He is a former member of the Minneapolis Welfare Board, the Urban League and the Inner City Youth League. In 1969, he was chairman of the committee that planned the University's Afro-American studies department.

Koffler is F.L. Hovde Distinguished Professor at Purdue. He is a native of Vienna, Austria, who became a U.S. citizen in 1945 after receiving degrees from the University of Arizona and the University of Wisconsin. His fields are agricultural chemistry and bacteriology.

-UNS-

(A1-5,15,27;B1,12;C1,4,21,22;D12)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
DECEMBER 18, 1974

NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

KUOM ANNOUNCES
CHRISTMAS PROGRAMMING

(FOR IMMEDIATE RELEASE)

KUOM radio (770kc-AM) will have a full schedule of holiday programming again this year.

On Thursday (Dec. 19) at 2 p.m. the station will broadcast Humperdinck's opera "Hansel and Gretel," sung in English and featuring Rise Stevens, Nadine Connor and Thelma Votipka.

Other scheduled programs are:

Friday (Dec. 20) 2 p.m., a festival of lessons and carols from King's College Chapel at Cambridge University, directed by David Willcocks;

Saturday (Dec. 21) 12:30 p.m., John McCormack, Ernestine Schumann-Heink and other artists of the past in a program of holiday music on "Artists and Archives," and at 2 p.m., the "Saturday Show" with Curt Oliver on the sounds of Christmas;

Monday (Dec. 23) 2 p.m., Pablo Casals' Christmas oratorio "El Pessebre" (The Manger) on the "Afternoon Concert;" and

Tuesday (Dec. 24) 2 p.m., Sir Thomas Beecham conducting a performance of Handel's "Messiah" on the "Christmas Eve Afternoon Concert."

-UNS-

(A1,2,5,9,10;B1)

(FOR RELEASE ANY TIME)

Feature story from the
University of Minnesota
News Service, S-68 Morrill Hall
Telephone: (612) 373-5193
December 18, 1974

MINNESOTA'S BLACK BEAR:
FACTS VS. FICTION

by Elizabeth Petrangelo
University News Service Writer

Few people know more about a single subject than anyone else in the world does, but Lynn Rogers is one of those people.

A University of Minnesota graduate student in ecology, Rogers has earned a reputation for himself in wildlife management circles as "The Bearman." And after six strenuous years of research and field work, he can claim to be the world's foremost authority on the Minnesota black bear.

What makes a Michigan mailman go back to school so he can track 250 bears across 100 square miles of forest, taking temperatures, weights, and blood samples---often in the dens of hibernating bears?

Rogers, a scholar and a skilled photographer, answers that question himself. "It's exciting to me to learn something new about the black bear," he said. "To me, the greatest thrill is to discover the unknown in nature and capture it on film.

In the past few years, the severely limited body of knowledge about the black bear has been increased tremendously through the efforts of Rogers and his research team. Now working full time on the Ph.D. thesis that will pull together all the things he has discovered in his research, Rogers said the main reason for his study is to get the information necessary for proper management of the black bear and its habitat.

"We wanted to answer questions like what are the natural causes of death for bears, why is the average life expectancy of a bear in the wild only five years while it can be up to 30 years in captivity and what effect does logging have on bears," he said.

(MORE)

To get that information, Rogers launched an exhaustive study of bears living within a 100-square-mile portion of the Superior National Forest in Lake County, Minn. The area contains aspen, birch and conifers, a type of habitat common across much of the bear range in the northern U.S. and Canada.

The study area includes virgin forests, cutover areas managed for timber, several campgrounds and a small town.

Rogers began by setting box traps for bears---harmless cylindrical contraptions that lure bears inside for food, and close upon the bear's entrance. Most bears are interested enough to step inside.

However, Rogers said, "sometimes we find our traps 75 feet away from where we put them, standing on end." In these cases, when a "smart" bear has figured out that the food will drop out if the trap is given a good shake, Rogers uses an equally harmless foot snare---a noose that closes around the bear's foot.

After a bear is caught, it gets an ear tag with an identification number and the number is logged. A tooth is extracted from each bear for age determination. "The gum heals quickly and it does not hinder the bear's ability to eat," Rogers said. Each bear is then weighted and measured and a blood sample is taken.

Finally, each bear older than one year is given a loose-fitting, light-weight radio collar that transmits a beep inaudible to the bear but trackable by plane. Each transmitter has a different frequency, which makes it possible for Rogers to tell which bear he is following. The collars don't seem to bother the bears and are usually forgotten in a day or two.

During the spring, summer and fall, each bear is located at least weekly through this method. According to Rogers, there is strong evidence that all of the adult female bears and most of the other residents of the 100-square-mile area are now being monitored.

During the winter months, while the work of the bears is interrupted, Rogers' work continues. Radio transmitters are replaced every winter while the bears are denning.

(MORE)

According to Rogers, creeping into a hibernating bear's den is not as dangerous as it sounds. Denning bears are docile as it is and are further sedated with a hypodermic syringe. "If it were really dangerous, I wouldn't do it," said Rogers, who is amused at the reputation he has gained for being a Tarzan of the northwoods.

Since females give birth to their cubs during hibernation, ear-tagging of the newborns also occurs during denning season. When the new family emerges in the spring, the whole group can be tracked by the mother bear's transmitter.

The following spring, when the cubs are a year old, they too are collared. In this way, Rogers is able to study the relationships between the family members during their year together and after they have gone their separate ways.

All of the monitored bears under five years of age have been studied since birth. This long-term information has revealed how bear behavior varies with sex, age, season, reproductive status and availability of food.

One of the outcomes of Rogers' research has been the elimination of several popularly held notions about the black bear. "Female bears with cubs are not as dangerous as everybody seems to think," he said. "Grizzly females are dangerous, but female black bears are really reluctant to defend their cubs."

Another myth is that black bears will rear up and bare their teeth with vicious, canine snarls when startled. "In more than 700 captures, I've never seen a bear really do that." Rogers said. "Taxidermists stuff them that way to give hunters a feeling of power for having shot such a vicious creature."

A practical outcome of his research has been new information that should prove useful to campers and hikers. "The only time I've known a female black bear to hurt someone was when the person tried to run away or climb a tree," he said. "If you see a bear and you decide you don't want it around, just hold up your arms to make yourself big and say something. She'll just run away."

Rogers' next step is to complete his thesis and make known to as many people as possible the conclusions he has drawn from his research. He has already published some of them and spends as much time as he can spare visiting schools, universities and interested groups to talk about the Minnesota black bear.

The information he has accumulated in the last six years should go a long way toward educating the general public, scientist and wildlife managers about the habits and habitat of the black bear.

The project has already accomplished one significant change---big game status was given to the black bear throughout Minnesota. Under the new regulations, hunters can shoot bears only during the fall hunting season, using only specific kinds of weapons. All bear kills must be registered and there is a limit of one bear per hunter. Cubs and dened bears are protected and it is illegal to hunt at night or within a quarter of a mile of dumps.

But Rogers expects his bear study to accomplish several other things. "Knowledge of black bear behavior and threat signals will be useful to hikers and campers," he said. Analyses of blood samples are providing a better understanding of the mechanisms by which bears reduce renal activity during denning. This is proving helpful in the study of chronic renal diseases in man, he said.

The study of other metabolic changes in hibernating bears is providing new information on metabolic changes that occur in starving humans and may contribute to the understanding of diabetes.

"Our studies of how the reproductive endocrinology of active bears is affected by nutrition, age, social status and season may lead to a better understanding of the population dynamics of mammals in general," Rogers said.

-UNS-

(A1,2,3,5,10;B1,9;C1,4,15;D12,14;E1,26)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
DECEMBER 20, 1974

NEWS PEOPLE: For further information
contact DICK SHEEHAN, 373-7510

MAGRATH PLEDGES
COMMUNITY PARTICIPATION
IN 'U' PLANNING

(FOR IMMEDIATE RELEASE)

University of Minnesota President C. Peter Magrath told representatives of University area neighborhoods that local residents would have a definite role in University planning, at an open community meeting Thursday night (Dec. 19).

Residents met with Magrath in a two-and-one-half hour session at Hope Lutheran Church in order to discuss current and long-standing problems involving traffic, housing, new construction, campus expansion and similar topics.

In a brief opening statement, Magrath acknowledged that the University, considered as a "neighbor," has a total size that is awesome to many people. "But I would like to be the best neighbor possible," he added.

Magrath then sat down with the audience to listen, while a panel of four individuals, representing different residential areas adjacent to the campus, presented their concerns.

John Rutherford, representing St. Anthony Park, expressed concern about traffic on Cleveland Ave. "Most of the busses which use Cleveland Ave. during peak periods are those carrying passengers to the University. Cleveland is a major north-south arterial and this helps to overload its capacity," he said.

Charles McQuire, representing Prospect Park, said that the community needs forewarning of any housing demolition in the area. He expressed particular concern that Prospect Park continue to have a stable pattern of single family housing.

Another panelist felt that absentee ownership of housing in the area immediately west of campus is having a negative effect on neighborhood stability. Ruth Meyer, representing the University-West district, said that "We are, in some ways, a third world nation. The community is often battling the University because often the University doesn't come to us first."

(MORE)

"But this is a switch tonight. You invited us! Your approach is an invitational one---which is excellent," Meyer added.

Problems unique to the West Bank area were presented by Sheldon Torgerson, secretary of West Bank Process. "I come from the West Bank. And no one can really speak for the West Bank," Torgerson said. "Some people on the West Bank see the University as an ogre---while others view it in a very different light. The enormous diversity in the population of the West Bank is one thing the University will have to be aware of in working toward solutions to some of the problems we're discussing tonight."

Magrath then fielded questions and comments from the audience. He was asked if he planned to continue such community meetings on a regular basis. While not committing himself to a schedule, Magrath said that if community groups found such meetings productive he would favor similar meetings in the future.

Second Ward Alderman Tom Johnson said that he hoped "the University and the community will know exactly what to expect from each other."

A major concern of St. Paul resident Neil Dietrich was that area residents would know exactly which University administrators to seek out in working on specific proposals. "We need some clear channels," he said.

Another St. Paul resident was anxious about expansion of the St. Paul campus, citing rumors that it might have a three-fold expansion. Magrath said that while the St. Paul campus will continue to grow, "it will not experience anything like the projections show."

Moderator of the sessions was John Cairns, president of the Southeast Minneapolis Planning and Coordinating Committee (SEMPACC).

-UNS-

(A1-5;B1)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
DECEMBER 20, 1974

MTR
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ZHP

NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

'U' TO OFFER MORE
LECTURES FOR \$1

(FOR IMMEDIATE RELEASE)

Sixteen more lectures for \$1 will be offered by the University of Minnesota's Extension Classes this winter quarter due to the success of fall quarter's "sampler" series.

More than 400 people attended 14 specially prepared lectures given during the evenings as part of regular University courses last quarter.

Lectures scheduled for winter will cover such topics as communication in the family, photography, women's rights, home landscaping, understanding weather maps, conflict and stress, contemporary Asian art, the Book of Job and the Minneapolis truck strike.

The first lecture, "Expectation of Perfection: The 18th Century Within Us," is scheduled for Wed., Jan. 8, at 7:30 p.m. in 125 Science Classroom Bldg.

Most lectures will meet on the University campus, but some will be held in Richfield, Minnetonka and Chaska.

According to Extension Classes officials, the purpose of the "sampler" lectures is to familiarize non-students with the University and its offerings and to encourage people to register for future courses.

All lectures are self-contained and require no preparation. Those interested may sign up for as many as they wish.

Registration must be made in advance in person any time between 7:45 a.m. and 4:30 p.m. Monday through Friday in 201 Wesbrook or by mail by writing University Sampler, 180 Wesbrook Hall University of Minnesota, Minneapolis, Minn. 55455.

With the exception of the home landscaping course, tickets may not be purchased at the door.

(MORE)

SUPPLEMENTARY INFORMATION:

The schedule for winter quarter "sampler" lectures is as follows:

- Expectations of Perfection: The 18th Century Within Us, Wed., Jan. 8,
7:30-8:50 p.m., 125 Science Classroom Building
- Communicating in the Family: What Are Your Rules?, Mon., Jan. 13,
7:30-8:50 p.m., 213 Nicholson Hall
- The Medium of Photography as Communication, Wed., Jan. 15, 8 to 9 p.m.,
175 Science Classroom Building
- Public Access to the Mass Media, Tues., Jan. 21, 6:50-8 p.m., 308 Murphy Hall
- The Women's Rights Movement in the U.S., Wed., Jan. 22, 7 to 8:30 p.m.,
213 Nicholson Hall
- Selecting Trees for Home Landscaping, Tues., Jan. 28, 7 to 9:30 p.m.,
University Landscape Arboretum, Chaska
- The Rage of Youth and the Truth of Age in Shakespeare's King Lear, Wed.,
Jan. 29, 7:30-9 p.m., 4 Mechanical Engineering Building
- Madness across Cultures: Ancient Greece and Rome, Tues., Feb. 4, 7-8:30 p.m., 308
Folwell Hall
- Motivating People in Organizations, Thurs., Feb. 6, 7-8:30 p.m., room 112
East Jr. High School, Richfield (70th St. & 12th Ave. S.)
- What's a High? Understanding the Weather Map, Tues., Feb. 11, 7:30-9 p.m.,
235 Blegen Hall
- Conflict, Stress and Your Emotional Response, Wed., Feb. 19, 7-9:30 p.m.,
Small Auditorium, Minnetonka Senior High School (Hwy. 7, W. of Hwy. 101)
- The Book of Job: A Universal Moral Crisis, Mon., Feb. 24, 7:45-9 p.m.,
18 Mechanical Engineering Building
- On the Road to Wounded Knee: The Sioux Treaty of 1868 and the Opening of the
Black Hills, Tues., Feb. 25, 7:30-8:50 p.m., 55 Ford Hall
- Floyd B. Olson and the Minneapolis Truck Strike, Tues., March 4, 7:30-8:50 p.m.,
10 Architecture Building
- Creating a Light-Sound Show: Audience Participation in an Art Form, Wed.,
March 5, 7-9:30 p.m., 111 Nicholson Hall, Limit 35
- Contemporary Art in Asia: The Role of Tradition vs. Change in India, China
and Japan, Tues., March 11, 7:20-8:50 p.m., 308 Folwell Hall

-UNS-

(A1,2,4,5,10,15,21,27;B1;C1):

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
DECEMBER 20, 1974

MTR
W 47
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NEWS PEOPLE: For further information
contact JUDY VICK, 373-7515

INFLATION CAUSES
'U' LIBRARY CUTS

(FOR IMMEDIATE RELEASE)

Inflation in the cost of periodicals (primarily newspapers and magazines) is causing the University of Minnesota Libraries to reduce the number of their periodical and serial subscriptions, it has been announced by Ralph H. Hopp, director of all Twin Cities campus libraries, except the Law Library.

"The inflationary increase for periodicals has been greater than that for books over the last few years --- we are already spending a greater percentage for periodicals than we should be," Hopp said.

In 1967-68 the Libraries spent 21 per cent of their resources budget of about \$870,000 for periodicals. This year (1974-75) they are spending 50 per cent of a budget of about one million dollars. The University Libraries now subscribe to about 37,000 different periodicals and serials, after a 20 per cent reduction in the number of titles since 1970.

"We don't know what or how much we will be cutting yet," Hopp said. "In the next few weeks we plan to talk with the University faculty to help us determine where the cuts can be made without impairing our service to the University community."

-UNS-

(A1-5,12;B1;C1,4)

MTR
N47
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UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
MINNEAPOLIS, MINNESOTA 55455
DECEMBER 26, 1974

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

HISTAMINE MAY ADD TO
BACTERIAL INFECTIONS
IN ECZEMA PATIENTS

(FOR IMMEDIATE RELEASE)

People with chronic eczema and frequent serious bacterial infections may have too much histamine in their blood which inhibits the body's ability to fight infection, according to two University of Minnesota pediatric researchers.

Eczema is an itchy inflammatory skin eruption especially affecting people with family histories of allergic disorders.

Studying three children with chronic eczema and severe staphylococcal and streptococcal infections, Dr. Paul Quie and Harry Hill found that their white blood cells (neutrophils) failed to move normally in response to bacteria. Previous studies have shown that white blood cells stop moving when incubated with histamine.

"Histamine, a chemical released during an allergic reaction, may partially paralyze neutrophils in patients with eczema so that these cells do not localize bacteria and minor infections become severe in these patients," Quie said.

-UNS-

(A1-5,8;B1,5;C1,4)

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'U' FACULTY BREAKS MOLD
IN 'GLASS FACTORY'

by Judy Vick
University News Service Writer

Why do people who already have achieved considerable success, recognition and apparent satisfaction in such diverse fields as family studies, medicine, art, teaching and counseling undertake the effort and expense of getting the fruits of their avocation published?

If that avocation happens to be poetry, it may be "To have my work go before the public, to be appreciated," according to at least one such person, Gerhard Neubeck.

Neubeck is a professor of family social science at the University of Minnesota and one of six University faculty members who have joined forces and published their own works in a book of poetry---"The Broken Glass Factory."

According to Neubeck, there is also a certain amount of satisfaction in seeing what was written in longhand or on a typewriter put to the printed page. But, he said, his intention is not to have his hobby succeed his profession.

"Even if I were an established poet, I'm too wedded to my profession to give that up," he said. "Poetry writing is a very interesting kind of second occupation and I would keep on doing it whether or not I would be in print, but it is an ego satisfaction."

Neubeck, a former president of the American Association of Marriage Counselors and the author of "Extra-Marital Relations" and numerous scholarly articles, has seven poems in "Glass Factory."

(MORE)

Other poets represented in the paper-bound book are Eric Stokes, associate professor of music and nationally recognized composer; Dr. Stacey Day, formerly with the University of Minnesota and now associated with the Sloan-Kettering Institute of Cancer Research in New York; Joseph Valentinetti, instructor and counselor in the University's Consolidated HELP Center, and Mary Wyvell, associate professor of literature and writing in the General College.

"The title 'Broken Glass' was chosen to indicate that we are breaking out of our usual fetters," said Louis Safer, professor of general arts in the General College and designer and publisher of the book.

Eric Stokes, now on leave from the University to write a commissioned work for the Minnesota Orchestra, likes to relate his poetry to his musical compositions. He thinks of them as arrangements---words that convey imagery through their arrangement as well as their meaning.

Stokes is the composer of the opera "Horspfa!" which was performed by the Center Opera Company recently.

Day, who was instrumental in joining the disciplines of art and science at the University, writes poetry that blends eastern and western philosophy.

In addition to his professional activities as a counselor to students at the HELP Center, Valentinetti is a filmmaker and photographer as well as poet. He has been writing poetry for about 10 years and has published occasional individual poems.

Wyvell has been teaching writing and literature for 20 years and has been doing creative writing for 30 years. Much of her poetry has been inspired by her life on Minnesota's North Shore and scenes from her family life.

-UNS-

(A1,2,4,5,12;B1;C1,4,15)

(FOR RELEASE ANY TIME)

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DEATH GETS SILENT TREATMENT
IN OUR NECROPHOBIC SOCIETY

by Mike Finley
University of Minnesota Staff Writer

"The sweet taste of immortality is in our mouths," says Robert Fulton. "And that is why death is so difficult to accept."

Robert Fulton, director of the University of Minnesota's Center for Death Education and Research, is aware of a certain amount of irony in his title, because there are no real experts on the subject of death. To use one of the euphemisms Fulton dislikes, the experts are on the other side. They're dead.

"In the last century," he says, "man took it upon himself to replace God. Man has arrived at the point where he can analyze and solve every problem, account for every situation that will arise in his lifetime.

"But at the end of it all, there is death--an unsolvable problem, an unknowable entity. Suddenly we're back where we started, ignorant and fearful," he said.

The result, Fulton says, is that we have made death an unmentioned subject and a mechanical, unemotional event. "In nursing homes, the death of a patient is an embarrassment, something to cover up. "In most hospitals, there isn't even a sign on the door to the morgue. And in our homes, we think we're expressing our love when we send a family member away to a hospital to die."

Especially in America, where the high standard of living and advanced medical procedures have eliminated many infectious diseases, the deaths of two million people each year---one in every hundred---come as surprises. It is as if we were never warned it would happen.

The function of the Center for Death Education and Research is to try to come to grips with this subject. Partially funded by the Ober Foundation, it acts as a clearinghouse for all kinds of death research, involving both interdisciplinary work at the University and work around the country and world.

(MORE)

In 1963, the center sponsored the country's first academic curriculum in death education. The number of death education courses offered in American colleges, universities, hospitals, seminaries and high schools has grown to 1,100 since then.

The first serious study done on the attitudes of Americans toward death was published in 1958. The writer was Robert Fulton.

"Do Not Return"

Fulton spent years traveling around the country and abroad observing the ways in which people adjust to death, dying and bereavement. "People are being wheeled up to hospital doors at this very minute with notes attached to their coats: 'Please do not return.'

"I met a man at a veterans' hospital in 1961 who had been wounded in Europe in 1918. In the entire time he was at the hospital, 43 years, he never received a single visitor. In the eyes of his family and friends, he was dead all that time. They had written him off their lists," Fulton said.

"In the same hospitals, death is a taboo," he said. "Dying people aren't really people at all. They're reduced to mechanisms with 'terminal' problems. They 'go bad.' Their 'plug' is pulled."

Death---Again and Again

Death, Fulton reminds us, is not simply something that happens to everyone once. It is something that happens again and again as loved ones die. When someone we love and need dies suddenly, as in an accident or from a heart attack, we are overcome with grief. In these cases it is traumatic to decide to go on without the person who died.

But when a person takes a long time to die, something called "anticipatory grief" occurs. We mourn for the person before he dies, much the same way we feel sorrow when a loved one moves away, goes to prison or enters the service.

People in nursing homes are the victims of this natural and healthy response, Fulton says. For their families, they have already died. Their absences are reconciled, and there is no emotional commitment remaining to keep the family in touch. Thus the older person is simply left alone to die.

(MORE)

"George Wall, the Nobel-prize-winning biologist, says that we're like apples and we have no real functional importance except that we contain the seeds inside us to continue ourselves in future generations," Fulton said.

"Our only purpose, according to that theory, is to carry the seeds of our past into the future. Of course what I like is the meat of the apple, the fruit," he said.

Fulton mentions a notion called the biological imperative, which says we have to die. Some people doubt this, like the cryogenicists who have themselves frozen in liquid nitrogen until a cure can be found for the diseases that killed them.

But there is also a social imperative, which decrees that it is unecological to live forever in the face of food shortages, limits to world resources and a burgeoning planetary population. To want to live forever is to want to shorten the life of another.

"One could interpret the acts of a catatonic schizophrenic, one who lies perfectly still, as the acts of someone so terrified of death that he hopes, by pretending to be dead, that death itself will not notice him and pass by.

"My own death? I don't think of it very much," he said. "There isn't really very much I can do about it. But I do feel that no one can savor his life unless he's aware of the finite nature of it. I look at my son today and I know that in 10 years, both he and I will be different persons. This is the knowledge that makes each day so precious."

-UNS-

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NEWS PEOPLE: For further information
contact ELIZABETH PETRANGELO, 373-7513

U OF M KERLAN COLLECTION
GETS ICELANDIC BOOKS

(FOR IMMEDIATE RELEASE)

More than 280 Icelandic children's books were donated to the University of Minnesota's Kerlan Collection recently by the Twin Cities Hekla Club.

Before the acquisition, the collection housed only one book in the Icelandic language. The new books include both books by Icelandic authors and books translated into the Icelandic language.

The books were donated by eleven publishing companies after Sigurbjorn Thorbjornsson, a member of the Twin Cities Hekla Club, contacted them to acquaint them with the Kerlan Collection.

The Kerlan Collection is a research center for the study of children's books and, besides the Icelandic books, houses more than 28,000 books, about 1,200 original manuscripts and some 2,100 original illustrations.

The books were presented to Karen Nelson, curator of the collection, by Mrs. Leifur H. Josefson, special projects representative, Twin Cities Hekla Club; Mildred E. Olson, president, Twin Cities Hekla Club; Bjorn Bjornsson, consul for Iceland in Minnesota, and Mark Josefson.

-UNS-

(A1,2,5,12;B1;C1;E15)

UNIVERSITY OF MINNESOTA
NEWS SERVICE, S-68 MORRILL HALL
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NEWS PEOPLE: For further information
contact BOB LEE, 373-5830

FDA OFFICIAL
TO SPEAK AT 'U'

(FOR IMMEDIATE RELEASE)

The director of Medical Communications for the Food and Drug Administration's Bureau of Drugs will speak at 2 p.m. Monday, Jan. 6, at the University of Minnesota Health Sciences Center.

Dr. Arthur Ruskin will give a talk on "Communicating Accurate Drug Information" in Mayo Auditorium.

His talk is sponsored by the College of Pharmacy and is open to the public.

-UNS-

(A1,2;B1,5)