

**NOTE TO EDITORS:** A reception for invited guests will begin at 6 p.m. in the loading dock area of the Dwan-Variety Club Center (Health Sciences Unit K-E). A replica of the dedication plaque will be unveiled there before a dinner at 7:30 p.m. in the great hall of Coffman Union.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 2, 1978

NEWS PEOPLE: For further information contact BOB LEE (612) 373-7510

U OF M CARDIOVASCULAR CENTER  
TO BE NAMED FOR DWAN, VARIETY CLUB

(FOR IMMEDIATE RELEASE)

The Paul F. Dwan-Variety Club Cardiovascular Center will be named in ceremonies Thursday (Oct. 5) on the University of Minnesota's Minneapolis campus.

Located on East River Road east of the Variety Club Heart Hospital, the \$8.5 million building contains interdisciplinary research laboratories and teaching space for the basic sciences.

Paul F. Dwan, 3401 Overlook Dr., Bloomington, is a clinical professor emeritus of pediatrics at the University. He graduated from the University in 1922 and attended the University's Medical School for two years before going to Harvard Medical School, from which he graduated in 1928.

In 1931, Dwan returned to the University, where he became one of the first pediatric cardiologists in the country. He pioneered the use of sulfonamides in treating rheumatic fever and established clinics for children affected by the disease. He also was among the first to identify congenital heart problems that could be corrected surgically.

In 1971 he contributed \$2.4 million to start the fund raising for a cardiovascular research and training center at the University. He also has endowed two University professorships and provided significant support for research, training and other health sciences facilities.

The Variety Club of the Northwest, Tent No. 12, has a 50-year history of supporting the health and welfare of children. In addition to the millions of dollars raised for the construction and support of the Variety Club Heart Hospital, they contributed \$5 million for the cardiovascular research and training center.

-UNS-

(AO, 23, 24; B1, 4, 5; G7, 30)

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GRIEF THERAPIST TO SPEAK  
AT U OF M HOSPITALS

(FOR IMMEDIATE RELEASE)

Richard Obershaw, director of the Burnsville Grief Center, will speak at 10:30 a.m. Thursday, Oct. 12, in 555 Diehl Hall at the University of Minnesota, Minneapolis campus. Obershaw will talk about coping with grief and with different kinds of loss (through illness, divorce, children leaving home, parents living in nursing homes).

Persons interested in learning more about University Hospitals are invited to a 9:30 a.m. coffee hour preceeding the talk.

The talk is sponsored by the University Hospitals volunteer office. For further information call Volunteer Services at 376-7523.

-UNS-

(AO;B1,4,5)

MEMO TO NEWS PEOPLE: The Soviet visitors will hold a news conference at the Landmark Center at 5:30 p.m. Saturday (Oct. 7). News media representatives who want to attend the reception following the news conference should make reservations by phoning 373-5193. Parking will be provided for news people who make reservations.

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NEWS PEOPLE: For further information contact JUDY VICK, (612) 373-7515

SOVIET OFFICIALS TO ATTEND  
RUSSIAN EXHIBIT OPENING

(FOR IMMEDIATE RELEASE)

Three high-ranking representatives of the government of the U.S.S.R. will visit the Twin Cities this weekend for the opening of the exhibition "The Art of Russia: 1800-1850" at the Landmark Center in St. Paul and the beginning of a three-month festival of Russian arts.

Arriving Thursday night (Oct. 5) from Moscow will be Yuri Barabash, first deputy minister of culture; Alla Butrova, chief of the West European and American division of the Ministry of Culture; and Alexander Khalturin, head of the division of fine arts and historic monuments of the Ministry of Culture.

Before the gala Saturday-evening opening, the Soviet representatives will visit Cargill, Inc.; see a preview of Gogol's "Marriage" at the Guthrie Theater; tour the Hennepin County Medical Center and Fort Snelling; and be guests of Control Data Corporation for a dinner at the Minnesota Alumni Club.

About 1,000 people are expected to attend the 6 p.m. reception Saturday, and 330 will attend a private dinner hosted by University of Minnesota President and Mrs. C. Peter Magrath at the Minnesota Club in St. Paul.

The exhibition, which will be open to the public through Dec. 6, includes 149 works from the Russian State Museum and the Hermitage museum in Leningrad and the Tretyakov Gallery in Moscow. Paintings, watercolors, drawings, prints and decorative arts are included. Most have never before been exhibited in the United States.

A supplementary exhibition includes photo blowups of 19th-century drawings, illustrations and engravings. Hours at the Landmark Center are Tuesday, Wednesday, Friday and Saturday 10 a.m. to 6 p.m.; Sunday noon to 6 p.m.; and Thursday 10 a.m. to 8 p.m.

Following its Dec. 6 closing in St. Paul, the exhibition will travel to Michigan State University, the University of Michigan, the University of Wisconsin, the University of Chicago and the Renwick Gallery of the Smithsonian Institution. The exhibition was organized by the University of Minnesota Gallery with the Committee on Institutional Cooperation, the Association of Midwestern Universities and the Ministry of Culture of the U.S.S.R.

(MORE)

The festival of Russian arts will continue through December.

The Guthrie Theater's production of "Marriage," directed by Anatoly Efros of Moscow's Malaya Bronnaya Theater, will run Oct. 16 through Jan. 18. The University of Minnesota Theatre will present "The Lower Depths" by Maxim Gorky Nov. 3 through 19 under the direction of Kenneth L. Graham. The Theatre of the Word will perform in "Chekhov's Comic Spirit" Nov. 7 and 8.

Galina Ulanova, who has been called the greatest Soviet ballerina since Pavlova, will be in residence with the Minnesota Dance Theatre, teaching and coaching the company for the American premiere of the "Snow Maiden" pas de deux Nov. 11. MDT will present a new work by Loyce Houlton to music by contemporary Russian composer Dmitri Kabalevsky on the same program.

Twin Cities musical groups will perform both old and new Russian music. The Civic Orchestra of Minneapolis will perform in a concert of Russian music Oct. 24 and 29; the St. Paul Civic Symphony Association will present a program of 19th-century Russian music Nov. 5; and the University of Minnesota Symphonic Chorus and the University Orchestra will perform a requiem by Dmitri Kabalevsky Nov. 17. Prokofiev's "The Love for Three Oranges" will be sung in English by the Minnesota Opera Company Oct. 13, 14, 20 and 22.

"Melodeclamation," a recitation of Russian poetry combined with a piano concert--in the style of performances before the imperial Russian court--will be presented by the Schubert Club Oct. 22.

The University Film Society, the Schubert Club and the Minneapolis Institute of Arts have scheduled fall showings of Russian films. The Film Society's 13-part series will run through Dec. 6. The Institute of Arts will screen films by Sergei Eisenstein Oct. 10 to Nov. 29. The Schubert Club will show "Alexander Nevsky," an Eisenstein film with music by Prokofiev, Oct. 20 and 21 at the Landmark Center.

Soviet art historian Dmitri Sarabianov, who will be a visiting professor at the University, will give two public lectures on 19th-century Russian art: Oct. 26 at the University and Dec. 3 at the Landmark Center.

A lecture series on 19th-century Russian culture Tuesdays at 8 p.m. through Dec. 5 in Willey Hall on the west bank of the Minneapolis campus is free and open to the public. The speakers will be faculty members from major universities throughout the country.

A symposium on art and society in 19th-century Russia will be held Nov. 16 and 17 at the University. Sarabianov will participate, along with well-known scholars from the United States.

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contact JEANNE K. HANSON, (612) 373-7517

U OF M PUBLIC SAMPLER SERIES TO OPEN

(FOR IMMEDIATE RELEASE)

The fall sampler series of public lectures offered by the University of Minnesota will begin Wednesday (Oct. 11) and continue through Dec. 14.

Each program is an hour-long general-interest session; no background is required. Admission is \$1 payable at the door (free for those over 62). The lectures begin at 7:30 p.m. in 140 Nolte Center on the Minneapolis campus. Lecture dates and topics are:

Oct. 11: Real Estate Law--Buying and Selling (Marshall Tanick, law and architecture)

Oct. 18: Prairie Marsh Birds (Jan Eldridge, Bell Museum of Natural History)

Oct. 25: Folk Weather Forecasting (George Freier, physics)

Nov. 1: Real Estate Law: Financing (Marshall Tanick, law and architecture)

Nov. 2: Home Landscaping (Glenn Ray, Minnesota Horticultural Society)

Nov. 8: Common Diseases of Dogs and Cats (Michael Pullen, veterinary medicine)

Nov. 16: Contemporary Feminism (Jodi Wetzel, women's studies)

Dec. 6: Child Custody Issues (Peggy Dreckman, General College)

Dec. 13: How Publishing Decisions Are Made (Mary Maack, Library School)

Dec. 14: What You Need in Life Insurance (Dennis Hower, General College)

For more information, call University Extension Classes at 376-7500.

-UNS-

(AO,3;B1,8)

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'SONGS OF THE IMMIGRANTS'  
TO BE PRESENTED AT U OF M

(FOR IMMEDIATE RELEASE)

Joe Glazer, one of this country's best known interpreters of work and labor songs, will present a concert Sunday, Oct. 15, for the benefit of the Immigration History Research Center at the University of Minnesota.

Glazer will appear with four ethnic folk-dance groups at 7 p.m. in the theater-lecture hall of Coffman Memorial Union on the Minneapolis campus.

Co-author of a book titled "Songs of Work and Protest," Glazer is working on his 21st album, "Songs of the Immigrants."

Tickets are \$3; they are available from the Immigration History Research Center, 826 Berry St., St. Paul.

-UNS-

(AD, 2, 29; B1)

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U OF M LOANS EXEC TO TCOIC

(FOR IMMEDIATE RELEASE)

The Twin Cities Opportunities Industrialization Center (TCOIC) has a new public relations executive, Ethel Mai Rasmussen, who is on loan from the department of university relations at the University of Minnesota, Twin Cities campus.

Rasmussen will help enlist volunteers and develop a master plan for fund raising for TCOIC.

The organization needs money to supplement government funds for its training programs in areas such as welding, drafting, keypunch, typing, math and related subjects, English and business skills. Nearly 100 students of all ages and ethnic backgrounds are enrolled at TCOIC. Each stays approximately six months.

"I will be working with the TCOIC auxiliary committee, the Friends of TCOIC and community people in support of the three-month fund-raising drive that begins in November," Rasmussen said.

An open house Friday, Oct. 20, will introduce the new home of TCOIC at 1015 Olson Memorial Highway in Minneapolis. Ribbon-cutting ceremonies begin at noon; the open house will run from 8 a.m. to 8 p.m.

-UNS-

(AO,8,9;B1)

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OCTOBER 5, 1978

NEWS PEOPLE: For further information  
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BAKKE CASE MAY THREATEN  
STUDENT AID, LAWYER SAYS

(FOR IMMEDIATE RELEASE)

A civil rights lawyer said Wednesday (Oct. 4) that few universities will have to change their admissions practices as a result of the U.S. Supreme Court ruling in the case of Allan Bakke, who challenged the affirmative action program of the University of California Medical School at Davis.

Financial aid programs, however, could be in jeopardy if they set aside specific amounts of money for minority students.

Ralph Smith, law professor at the University of Pennsylvania, discussed the implications of the Bakke case with admissions officers of various units within the University of Minnesota Tuesday and Wednesday. Smith was chairman of the legal task force of the National Conference of Black Lawyers and wrote the group's amicus curiae brief on the Bakke case.

About all that Smith and the admissions officials concluded with any certainty was that there will be more lawsuits over permissible admissions procedures after the court's decision upholding Bakke's charge of "reverse discrimination."

"The court did not resolve, in any meaningful way, the narrow legal issues before it," Smith said. "We have moved from an era of ambiguity to an era of confusion."

As a result of the Bakke decision, the University of Minnesota will develop an "explicit statement of its admissions policies," according to Robert A. Stein, University vice president for administration and planning.

Stein said that admissions officials will have to keep records of all of their decisions on who was admitted to the University and why. "Many of the people in this room," he said, "may be called upon to defend their admissions decisions in a legal context."

(MORE)

Smith, however, cautioned that this "principled pragmatic approach" to affirmative action could result in the sacrifice of educational values to the chances of winning a case in court. "There will be times," he said, "when educational policy will lose to litigation strategy."

Smith encouraged University officials to assume that any plan not explicitly outlawed by the Bakke case was still legal. "And there is very little that the Bakke decision says you cannot do."

The Davis program was not upheld by the court in part because it set aside a specific number of class positions for minorities and had separate admissions committees for white and minority students.

The financial aid picture for minority students may be dimmed because many scholarship programs set aside specific amounts of money for them, Smith said. Georgetown University recently lost a lawsuit testing the legality of a minority scholarship program.

"I suspect that institutions are not going to be able to justify setting aside a certain amount of money for minorities," he said. "Individualized financial aid decisions will probably have to be made on the basis of something in the financial profile besides the fact that they are minority students."

All other things being equal, he said, universities will have trouble giving money to poor blacks in preference to poor whites.

He would not venture a legal opinion on minority scholarship programs that are funded by state and private money but, he said, universities should continue such programs unless there are future lawsuits or federal guidelines that prohibit them.

Bakke contended that, as a white male, he had been discriminated against under Title VI of the 1964 Civil Rights Act because blacks less qualified than he had been admitted to the Davis medical school under the affirmative action admissions policy.

"There really is no Bakke decision as such," Smith said. "There are six opinions. In order to discern what the Bakke case means, you've got to sit down and count up the votes on each issue."

The court found by a 5-4 vote that neither Title VI nor the equal protection clause of the U.S. Constitution prohibits the use of race as a factor in making an admissions decision. The Davis affirmative action plan, however, was found to be a violation of Title VI by a 5-4 vote.

On both issues, Justice Lewis F. Powell Jr. cast the swing vote. By analyzing Powell's opinion, Smith drew some tentative conclusions about permissible rationales for an affirmative action program. He concluded that:

--Race as a factor in admission decisions to ameliorate past discrimination is permissible but to overcome societal discrimination is not.

--The use of race as a criterion to achieve "ethnic diversity" is improper but to use it to achieve "educational diversity" is okay.

--The use of race as a criterion to compensate for underrepresentation of the minority group in the profession is illegal. But it would be legal to use it as a criterion to compensate for underrepresentation in the profession in addition to the failure of the profession to adequately serve the minority group.

And Smith pointed out that the vote of the court was close (5-4) on these issues.

Any future case could go either way, he said, encouraging the University to take the liberal interpretation of the case. "If higher education cannot address itself to discrimination in our society, nobody else can," he said.

-UNS-

(A0,1,8,9,10,11,14, 17,24,28;B1,6,10;C0,1,10,11,14,15;D0,8,10,14,15;E10,11,15,24,27;F5)

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OCTOBER 5, 1978

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
Oct. 8-14

- Sun., Oct. 8---University Gallery: Selections from the permanent collection. Northrop Aud. 11 a.m.-4 p.m. Mon., Wed., Fri.; 11 a.m.-8 p.m. Tues., Thurs.; 2-5 p.m. Sun. Through Dec. 13. Free. ("The Art of Russia: 1800-1850" at Landmark Center in St. Paul, through Dec. 6.)
- Sun., Oct. 8---St. Paul Student Center: Marquetry by Tim Claude, display cases, through Oct. 20. Oils by Phyllis Ames Wiener, North Star gallery; photographs by Cris Anderson, Rouser Room gallery; "Pictures from the University" by Tom Foley, Terrace Lounge gallery; through Oct. 31. 8 a.m.-10 p.m. Mon.-Fri.; noon-11 p.m. Sat., Sun. Free.
- Sun., Oct. 8---U Film Society: "The Ascent." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.25.
- Sun., Oct 8---Film: "We All Loved Each Other So Much." Theater-lecture hall, Coffman Union. 8 p.m. \$2.
- Mon., Oct. 9---Goldstein Gallery: Interior design and housing. McNeal Hall. 8:30 a.m.-4:30 p.m. Mon.-Fri. Through Oct. 13. Free.
- Mon., Oct. 9---Coffman Gallery: "Merce Cunningham and the Visual Arts," Gallery I; "People/Pictures" by April Saul, Gallery II. 10 a.m.-4 p.m. Mon.-Fri. Through Oct. 27. Free.
- Mon., Oct. 9---Print Sale: Great hall, Coffman Union. 9 a.m.-4 p.m. Mon.-Fri. Through Oct. 13.
- Mon., Oct. 9---Book Review: Sally Todd reviews "The Great Fear: The Anti-Communist Purge Under Truman and Eisenhower" by David Cauter. 202 Coffman Union. Noon. Free.
- Mon., Oct. 9---U Film Society: "The Overcoat." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.25.
- Tues., Oct. 10---Mime Performance: Improvised scenes in character masks. North Star Ballroom, St. Paul Student Center. Noon. Free.
- Tues., Oct. 10---Film: "All the King's Men." Theater-lecture hall, Coffman Union. 7 p.m. Free.
- Tues., Oct. 10---Lecture: "The City as a Cultural Center in 19th-Century Russia" by Sidney Monas. 125 Willey Hall. 8 p.m. Free.
- Wed., Oct. 11---Theatre: Actor's Theatre of St. Paul. North Star Ballroom, St. Paul Student Center. Noon. Free.
- Wed., Oct. 11---Film: "Our Daily Bread." Theater-lecture hall, Coffman Union. 7 and 9 p.m. \$2, students \$1.50.

(OVER)

## CALENDAR

-2-

- Wed., Oct. 11---U Film Society: "Novecento." Bell Museum of Natural History aud.  
7:30 p.m. \$2.75.
- Wed., Oct. 11---Dance: Eliot Feld Ballet. Northrop Aud. 8 p.m. \$5-\$9.50. Tickets  
on sale at Dayton's, Donaldson's and Northrop ticket offices.
- Wed., Oct. 11---Film: "A Night at the Races." North Star Ballroom, St. Paul  
Student Center. 8 p.m. Free.
- Thurs., Oct. 12---Theatre: PUNCHINELLO Players. North Star Ballroom, St. Paul  
Student Center. Noon. Free.
- Thurs., Oct. 12---Film: "Midsummer Night's Dream." Theater-lecture hall, Coffman  
Union. 7:30 p.m. \$1.50, students 50¢.
- Thurs., Oct. 12---U Film Society: "Novecento." Bell Museum of Natural History aud.  
7:30 p.m. \$2.75.
- Thurs., Oct. 12---Dance: Eliot Feld Ballet. Northrop Aud. 8 p.m. \$5-\$9.50.  
Tickets on sale at Dayton's, Donaldson's and Northrop ticket offices.
- Fri., Oct. 13---Film: "Love and Death." North Star Ballroom, St. Paul Student  
Center. 7:30 and 9:10 p.m. \$1.
- Fri., Oct. 13---Film: "A Night Full of Rain." 7:30 and 9:45 p.m. \$3, students \$2.  
"Night of the Living Dead." Midnight. \$1.50. Theater-lecture hall, Coffman  
Union.
- Fri., Oct. 13---U Film Society: "Chess Players." Bell Museum of Natural History  
aud. 7:30 and 9:40 p.m. \$2.25.
- Fri., Oct. 13---Whole Coffeehouse: Oregon. Coffman Union. Doors open at 8:30 p.m.  
\$5. Tickets on sale at MSA TOO, at Wax Museums and at the door.
- Sat., Oct. 14---Film: "Love and Death." North Star Ballroom, St. Paul Student  
Center. 7:30 and 9:10 p.m. \$1.
- Sat., Oct. 14---Film: "A Night Full of Rain." 7:30 and 9:45 p.m. \$3, students  
\$2. "Night of the Living Dead." Midnight. \$1.50. Theater-lecture hall,  
Coffman Union.
- Sat., Oct. 14---U Film Society: "Chess Players." Bell Museum of Natural History  
aud. 7:30 and 9:40 p.m. \$2.25.
- Sat., Oct. 14---Whole Coffeehouse: Oregon. Coffman Union. Doors open at 8:30 p.m.  
\$5. Tickets on sale at MSA TOO, at Wax Museums and at the door.

-UNS-

(AO;B1;F2)

UNIVERSITY OF MINNESOTA NEWS EVENTS  
(FOR IMMEDIATE RELEASE)

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OCTOBER 6, 1978

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U OF M MARCHING BAND  
ANNUAL INDOOR CONCERT

The University of Minnesota marching band will present its 17th annual fall indoor concert Oct. 29 and Nov. 12 and 19. All three concerts will be at 3 p.m. in Northrop Auditorium.

Proceeds from the concerts are used to pay for the band's annual appearance at one out-of-town Gopher football game. This year the band will travel to Northwestern University, where the Gophers play Oct. 21.

O'Neill Sanford, director of the 250-member band, said that the second and third performances are traditionally sold out.

Tickets are on sale for \$3.50 (students \$2.50) at Dayton's, Donaldson's and Northrop ticket offices.

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SITAR PROGRAM AT U OF M

Nikhil Banerjee, one of the top sitar musicians in India, will perform at Scott Hall on the Minneapolis campus of the University of Minnesota Wednesday, Oct. 18, at 8 p.m.

Tickets will be \$5, student tickets \$4.

The performance is sponsored by the South Asian Music Students Association.

-UNS-

(A0,2,29;B160)

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MINI-MARATHON TO KICK OFF  
U OF M HOMECOMING ACTIVITIES

(FOR IMMEDIATE RELEASE)

Homecoming at the University of Minnesota will be Saturday, Nov. 4, but pre-homecoming activities will begin Sunday, Oct. 15, with a 5- and 10-kilometer mini-marathon along the West River Road.

The marathon is sponsored by the University's homecoming committee and Super-america stores. It is open to all runners except high school cross country athletes who participate in Minnesota High School League programs.

Registration is \$4; proceeds go to a scholarship fund. The first 2,000 entrants will receive a homecoming T-shirt and button.

There will be awards--including cash prizes, Superamerica gift certificates and joggers' jackets--for the first four finishers in four age groups for men and women.

The marathon begins at Coffman Union on the Minneapolis campus. Five-kilometer runners will go to Franklin Ave. and 10-kilometer runners to Lake St.

Registration forms are available at Superamerica stores, the student unions, the homecoming office in Temporary North of Mines and the Recreational Sports office in Cooke Hall. Runners also may register in the great hall of Coffman Union from 9 to 11:30 a.m. on the day of the race.

-UNS-

(AO;Bl;F15)

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ORGANIC CHEMIST  
TO TALK AT U OF M

(FOR IMMEDIATE RELEASE)

One of the world's foremost carbohydrate chemists will present the second annual Fred Smith Memorial Lecture Monday, Oct. 16, at the University of Minnesota, Minneapolis campus.

Raymond U. Lemieux, professor of organic chemistry at the University of Alberta in Edmonton, Canada, will speak on "Typing Reagents for Important Human Antigenic Determinants by Way of Chemical Synthesis" at 3:30 p.m. in 175 Science Classroom Building.

Smith, who also was a noted carbohydrate chemist, was on the University of Minnesota faculty from 1947 to 1965.

-UNS-

(AO;B1,4,5)

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U OF M NAMES DIRECTOR  
OF INTERNATIONAL PROGRAMS

(FOR IMMEDIATE RELEASE)

Philip W. Porter, professor of geography and Afro-American studies, has been named director of the Office of International Programs at the University of Minnesota, Twin Cities.

Porter, who is on sabbatical leave in Kenya and Tanzania, will assume the position Oct. 1, 1979. He has been on the University faculty since 1957, when he received a Ph.D. degree from the London School of Economics and Political Science.

LaVern Freeh, assistant dean of the Institute of Agriculture, Forestry and Home Economics, will act as interim director of the office. Freeh recently accompanied a congressional delegation to Cuba to discuss normalizing diplomatic relations with President Fidel Castro.

-UNS-

(AO;B1;CO)

NOTE: Reporters or photographers interested in the Glensheen tours should contact (in advance) Julian Hoshal, director of campus relations in Duluth, at (218) 726-7110 or Bill Huntzicker, writer for the University News Service in Minneapolis, at (612) 373-7512.

UNIVERSITY OF MINNESOTA  
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OCTOBER 9, 1978

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

#### MEMO TO NEWS PEOPLE

A tour of Glensheen, the mansion willed to the University of Minnesota by the late Elizabeth Congdon, will be among the activities of members of the Board of Regents when they convene their monthly meetings Thursday and Friday (Oct. 12-13) in Duluth.

Press tours of the mansion's main floor and grounds will be conducted at 10 and 10:30 a.m. Thursday. The stairway and second floor, where Miss Congdon and a family nurse were murdered, will be off limits to both the regents and the press.

The regents will tour the building at noon and have a closed meeting at the estate at 1 p.m. to discuss with counsel further legal strategy in the class action suit by Shyamala Rajender, who alleges she was not given a tenure-track position by the chemistry department because of her sex.

The board will have a breakfast meeting Thursday at 8:30 a.m. at the Potlach Corp. in Cloquet and then meet at 9:30 a.m. at the Cloquet Forestry Center for a discussion of work that is done there.

Two regents' committees will meet at 2 p.m. Thursday in the Tweed Museum on the Duluth campus. The educational policy and long-range planning committee will see a film on geology research at the Duluth campus, and the student concerns committee will hear presentations by Duluth student leaders.

The long-range development plan for the Duluth campus will be discussed by the physical plant and investments committee at 3:30 p.m. Thursday in the Tweed Museum. The faculty and staff affairs committee will meet in the gallery at the same time.

Final selection of a site for the Hubert H. Humphrey Institute of Public Affairs in Minneapolis is expected at the committee of the whole meeting at 8:40

(MORE)

a.m. Friday in the Rafters section of Kirby Student Center.

The allocation of state scholarship funds by the Higher Education Coordinating Board also will be discussed by the committee of the whole.

The regular monthly meeting of the full board will follow at 10:30 a.m. in Kirby Student Center.

University president C. Peter Magrath and board chairman Wenda Moore will be available to answer reporters' questions following the meeting.

-UNS-

(AO;B1,10;G11)

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OCTOBER 9, 1978

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WOMEN GET ADVICE ON  
GOING INTO POLITICS

(FOR IMMEDIATE RELEASE)

Women politicians from the Twin Cities area gathered Saturday (Oct. 7) at the Hennepin County Government Center to tell other women about the challenges of politics and public office.

Among those taking part in the conference, which was sponsored by the University of Minnesota and the Minnesota Government Training Service, were secretary of state Joan Growe; Rep. Linda Berglin of Minneapolis; Rep. Peggy Byrne of St. Paul; June Demos, mayor of Roseville; Gladys Brooks, vice chairwoman of the Metropolitan Council; and Charlee Hoyt, Minneapolis city council member and president of Minnesota Women in Government.

Berglin noted that women have had the right to vote for only 60 years but already take it for granted. She traced part of the history of the suffrage movement and early opposition to women's getting the vote.

"Liquor interests opposed women's getting the vote because many women were active in the temperance movement and they believed women would vote for Prohibition," Berglin said. "But Prohibition became law before women got the vote and ended just after women got the vote."

Growe advised the 35 women at the conference to "determine who is in trouble or who is going to retire in a particular district, and if that isn't the district in which you live, move into it. Men do it all the time."

"Women should be far more calculating than they have been in the past," she said.

The secretary of state said women have had little trouble getting elected to school boards and city councils, but few have been elected mayor or to other

(MORE)

positions of individual authority where they would be "out there alone."

Grove advised prospective women candidates to think of how their background of education and community involvement would look on campaign literature. There are numerous positions on boards, commissions, councils, committees, authorities, task forces and other multi-member agencies that can give women experience in public affairs and make them known to people in politics, she said.

The support of other women is also important for women politicians, Grove said. A man who announces at a Kiwanis meeting that he is going to run for office will get congratulations and checks, Grove said, but a woman who makes such an announcement at a meeting of the Business and Professional Women or the American Association of University Women is not likely to get immediate financial support.

"A woman will hold back from writing a check because the prospective candidate is not of her political party or because she just wants to think about it awhile," Grove said.

Balancing their private and public lives is a challenge for women politicians whether they are single or married. Byrne said she does not always tell people at social gatherings that she is a legislator because she often ends up in political debates. Demos said that when she ran for mayor, campaigning became a family affair. But any woman entering politics should remember that it was she, not her family, who decided to seek public office, Demos said.

Hoyt said a woman considering candidacy should make a realistic self-appraisal in terms of physical, emotional, intellectual, social and speaking attributes.

"You have to plan these things two or more years in advance so you have time to strengthen your weaknesses," Hoyt said.

-UNS-

(AO,13,27;B1;CO)

(FOR RELEASE ANYTIME)

Feature story from the  
University of Minnesota  
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Telephone: (612) 373-5193  
October 10, 1978

AS RESEARCH CONTINUES, PROGNOSIS  
FOR POT'S SAFETY LOOKS POOR

By Paul Schurke  
University News Service

In defending marijuana, pot smokers often equate it with alcohol. The effects are similar, runs the oft-heard rationale, so marijuana must be no more harmful than alcohol.

But it's just not so, according to Gabriel Nahas, an internationally recognized marijuana researcher. Comparing the two is a gross oversimplification, he said.

Nahas, an anesthesiology professor at Columbia University's medical school, spoke recently at the psychiatry department at the University of Minnesota, Twin Cities.

Nahas highlighted research findings on the biological effects of pot. Although results are inconclusive so far, the prognosis for pot's safety is looking very poor, he said.

The chemical differences between marijuana and alcohol are significant, Nahas said. Whereas alcohol is one simple chemical, marijuana is a mix of more than 20 cannabinoids (substances found in the cannabis plants from which marijuana and hashish are prepared) and more than 100 other chemicals, Nahas said. Its euphoric effect is produced primarily by the cannabinoid Delta 9-THC. One of at least four psychoactive ingredients found in pot, THC constitutes between 1 and 3 percent of most marijuana on the street market.

A second major chemical difference, which profoundly affects the body's response to pot and alcohol, is solubility. Alcohol is water soluble and is quickly dismantled by the body's machinery to be either synthesized into fatty acids or eliminated through the kidneys.

THC, on the other hand, is fat soluble. Consequently, it is absorbed and stored in body tissues. "It is distributed to all body tissue, targeting those organs replete with fatty membranes, where it is held and slowly released," Nahas said.

In fact, studies have shown that it takes 30 days for the body to eliminate the THC contained in a single marijuana cigarette--a "joint"-- although 80 percent is eliminated in the first five days, he said.

The most significant difference between alcohol and marijuana is the effect they have on the body or, more specifically, in what is known about their effects

(MORE)

on the body. "Whereas the effects of alcohol are well known," Nahas said, "the effects of pot are not clearly established. You just don't know." Using pot is "a little like playing roulette," he added.

THC, like tranquilizers, antidepressants and other mood-modifying agents, inhibits protein synthesis, an effect that is directly proportional to fat solubility. Compared with other mood-altering drugs, THC is highly fat soluble, Nahas said.

This means that the psychoactive component in marijuana can have a profound effect on cell machinery: it can inhibit cell proliferation and affect synthesis of DNA, the genetic blueprint in all cells.

Research has linked use of marijuana with harmful effects on various body functions. Most of this research is limited to laboratory studies on animals, particularly rats and monkeys. There is a great deal of controversy about whether these studies are relevant to human consumption patterns.

But Nahas said he has confidence in laboratory studies that have identified the lungs, brain and reproductive system as targets for THC.

Lung damage was among the first harmful effects attributed to marijuana. "There is no question that marijuana is destructive of lung membranes," Nahas said.

In a study at the Mason Research Institute in Massachusetts, rats exposed for three months to the equivalent of one to six joints daily showed significant lung tissue breakdown. Some air passages were blocked with tissue debris.

Furthermore, marijuana's power to cause lung cancer is known to be much greater than that of tobacco, Nahas said.

Some of the more recent marijuana studies concern its effect on the brain. Researchers have found that THC localizes in the limbic system, a part of the brain that helps control emotional behavior and is associated with complex memory function.

Studies on monkeys chronically exposed to marijuana found abnormal patterns of brain waves in this area, and the abnormalities persisted after four months of abstinence, Nahas said.

In addition, the THC in one joint alters the action of the pituitary gland, which controls growth hormones, he said.

How these effects may manifest themselves in human behavior is unknown, but a University of California study furnishes a clue. Researchers found that offspring of female monkeys that had been given one to three strong joints daily during pregnancy often displayed hypertension and an inability to concentrate.

The most insidious effects of marijuana, however, may be those that involve the reproductive organs in both men and women.

Nahas described a study he was involved with at Columbia University in which sixteen young male chronic pot smokers were recruited and put in the hospital for

(MORE)

three months. During the first and third months, they had no marijuana. But during the second month they were given all the carefully measured joints they wanted, and they smoked 5 to 20 joints a day. At the end of their stay, sperm analyses showed a marked decrease in sperm count and sperm mobility and a surprising number of infertile sperm, Nahas said.

The Food and Drug Administration until recently forbade marijuana studies on women because of the possibility of inheritable genetic defects. But research on monkeys shows various effects of THC on the female reproductive system. One study showed that the equivalent of one joint will diminish for several hours production of two basic hormones that control the functions of the ovaries. Another study showed that daily injection of THC can disrupt ovulation.

In addition, the University of California study showed that chronic exposure of female monkeys to marijuana dramatically increased the incidence of stillbirths and miscarriages. Researchers concluded that marijuana, though it does not produce deformed babies, can be toxic to embryos.

What danger does all this add up to for pot smokers? "The only answer," Nahas said, "is to wait for epidemiological studies," which chart the drug's effect in large populations.

And such studies may be forthcoming. Interest in marijuana research is increasing, he said, as THC's multisystemic effects attract the interest of basic scientists who until now preferred to stay out of the marijuana controversy.

-UNS-

(A0,12,23,24;B1,4,5;C5;G7,30)

UNIVERSITY OF MINNESOTA  
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OCTOBER 10, 1978

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SKI SWAP AT ST. PAUL  
STUDENT CENTER

(FOR IMMEDIATE RELEASE)

The seventh annual Ski Swap for downhill and cross country equipment will be Oct. 20-22 at the Student Center on the St. Paul campus of the University of Minnesota.

Sponsored by the student center board of governors and the Waksurs Outing Club, the sale is open to the public.

New and used skis, boots, poles, bindings and ski racks are sold at the event. Persons who wish to sell items may bring them to the North Star Ballroom Wednesday, Oct. 18, or Thursday, Oct. 19, between noon and 8 p.m. A 10 percent commission is charged on items that are sold.

Ski Swap hours will be Friday, Oct. 20, 11 a.m. to 9 p.m. and Saturday and Sunday, Oct. 21 and 22, noon to 6 p.m.

-UNS-

(AO; B1; F15)

UNIVERSITY OF MINNESOTA  
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OCTOBER 12, 1978

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U OF M FALL QUARTER  
ENROLLMENT AT 55,203

(FOR RELEASE AFTER 10 A.M., FRIDAY, OCT. 13)

Record enrollments at University of Minnesota campuses at Duluth, Crookston and Waseca have brought fall quarter enrollment to 55,203, up slightly from last year and second only to the record enrollment of two years ago.

The fall quarter statistics were released Friday (Oct. 13) at the regents' meeting in Duluth.

Enrollment on the Twin Cities campus is 44,828, up 0.1 percent from last year. The largest increase was at the Technical College at Waseca, up 9.6 percent to 1,050. Enrollment at the Technical College at Crookston increased 4.5 percent to 1,083. Enrollment at the Duluth campus increased 0.9 percent to 6,809. A decline was reported at the Morris campus, down 8.1 percent to 1,433.

The total figure of 55,203 is just 87 students off the estimate of 55,290 used for budget projections, according to David J. Berg, director of management planning and information services.

New student enrollment is 15,199, an increase of 311 from a year ago. The figure includes 8,464 freshmen and 5,171 advanced standing transfer students from other institutions.

On the Twin Cities campus, major enrollment increases occurred in the School of Nursing, up 13.9 percent; the College of Home Economics, up 7.4 percent; and the Institute of Technology, up 5.6 percent. The College of Liberal Arts, the largest collegiate unit, increased 1.2 percent to 16,836.

The enrollment of women continued to increase and was up 2.7 percent from a year ago. The number of women increased in nearly every college, with the largest

(MORE)

ENROLLMENT

-2-

increases in the College of Business Administration, up 16.4 percent; the Health Sciences, up 8.7 percent; the Institute of Technology, up 16.4 percent; and the College of Veterinary Medicine, up 18 percent. The overall enrollment of men was down slightly, but increases were reported in the School of Nursing, up 28.1 percent, and in the College of Home Economics, up 5.4 percent.

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FALL QUARTER ENROLLMENT

	<u>1977</u>	<u>1978</u>
Crookston	1,036	1,083
Duluth	6,744	6,809
Morris	1,561	1,433
Twin Cities	44,778	44,828
Waseca	958	1,050
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	55,077	55,203

-UNS-

(AO, 1; B1, 10; CO, 1; DO, 1; E15; F5)

(FOR RELEASE ANYTIME)

Feature story from the  
University of Minnesota  
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October 12, 1978

U OF M DOCTORS SPARE BOY FROM DEFORMITY  
WITH UNUSUAL USE OF CLOTTING TECHNIQUE

By Paul Schurke  
University News Service

Joseph Bergdahl is not unlike other seven-year-old boys. Though somewhat slight, the St. Paul youngster is active and healthy, is involved in football and baseball, plays the trumpet and is a cub scout.

But he awoke one night a year ago bleeding profusely around a few of his lower teeth. His parents, Peter and Patricia Sybrandt, 236 Johnson Parkway, rushed him to a clinic. Doctors tested for leukemia, which causes bleeding from the gums, but found no evidence of the disease.

The bleeding continued intermittently for four days, but the mystery of its cause remained unsolved. Joseph was then brought to oral surgeons at the University of Minnesota.

X-rays revealed that a benign tumor was developing in his lower jaw. On further investigation, doctors found that Joseph had a birth defect--a congenital vascular malformation--that short-circuited an artery and a vein. A tumorous network of blood vessels fed by a large artery was assimilating surrounding tissue.

The defect is rare, occurring in about one out of 200,000 births. It can appear in many tissues, including the kidney, spleen, brain and liver, but is only occasionally found in the jaw.

In Joseph's case, the torrent of blood pulsing through the tumor had broken down much of the interior of his lower jawbone and had worn away the roots of some of his primary molars. Had he lost one of these teeth, his body could have been drained of blood in less than a minute, said Michael Lehnert, an oral surgeon at the University.

Joseph's doctors considered surgery, which would have meant removing half of the lower jaw and reconstructing it with part of a rib.

The procedure would have taken several weeks and left a permanent deformity.

(MORE)

Furthermore, there was a chance of death from massive blood loss during surgery.

Another solution was sought.

Lehnert consulted Kurt Amplatz, a cardiovascular radiologist, who proposed embolization, a technique that involves clotting the abnormal vessels with foreign material. The procedure is analogous to sealing a leaky radiator, he said.

Amplatz is a leader in the development of this technique for vascular malformations, but he had never before used it in the jaw. Jaw vessels are imbedded in bone, making vascular work particularly difficult.

Using an angiogram (an X-ray of blood vessels), doctors determined the size of the vessels in the tumor. Then they prepared clotting material of an appropriate size from shavings from an ordinary synthetic sponge by passing the particles through a sieve.

They inserted a catheter through the skin into a major artery in Joseph's leg and, guided by X-rays, pushed the slender plastic tube to the site of the tumor.

A slurry made of the sponge particles and salt water passed through the catheter to the tumor.

Joseph's body did the rest. After being clotted by the particles, the abnormal vessels were broken down and carried away by guard cells in the blood and the jawbone re-formed.

Now, after monitoring Joseph's condition for a year, the doctors report that the two-hour operation was a success.

"The procedure completely closed those vessels," Lehnert said. "The bone is filled in and teeth are growing in a normal way."

Occasionally, when abnormal vessels are plugged, new ones develop, but X-rays taken several months after the operation showed no evidence of the tumor. Now that a year has elapsed, Amplatz believes the potential for the tumor to reappear no longer exists.

This success paves the way for increased use of embolization in facial surgery, including control of postoperative bleeding from mid-facial surgery and removal of various facial tumors.

"The technique has unlimited ramifications," Lehnert said. "It could provide a tremendous adjunct to many forms of oral surgery."

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OCTOBER 12, 1978

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
Oct. 15-21

- Sun., Oct. 15---University Gallery: Selections from the permanent collection. Northrop Aud. 11 a.m.-4 p.m. Mon., Wed., Fri.: 11 a.m.-3 p.m. Tues., Thurs.: 2-5 p.m. Sun. Through Dec. 13. Free. ("The Art of Russia: 1300-1350" at Landmark Center in St. Paul, through Dec. 6.)
- Sun., Oct. 15---St. Paul Student Center: Marquetry by Tim Claude, display cases, through Oct. 20. Oils by Phyllis Ames Wiener, North Star gallery; photographs by Cris Anderson, Rouser Room gallery; "Pictures from the University" by Tom Foley, Terrace Lounge gallery; through Nov. 3. 8 a.m.-10 p.m. Mon.-Fri.: noon-11 p.m. Sat., Sun. Free.
- Sun., Oct. 15---Frisbee Tournament: Northrop fields. (Field House in case of rain). 1 p.m. \$2.
- Sun., Oct. 15---U Film Society: "The Chess Players." Bell Museum of Natural History aud. 7:30 and 9:40 p.m. \$2.25.
- Sun., Oct. 15---Whole Coffeehouse: Oregon. Coffman Union. Doors open at 7:30 p.m. \$5. Tickets on sale at MSA TOO, at Wax Museums and at the door.
- Sun., Oct. 15---Film: "A Night Full of Rain." Theatre-lecture hall, Coffman Union. 3 p.m. \$3, students \$2.
- Mon., Oct. 16---Concert: Paul Coppi, classical guitar. North Star Ballroom, St. Paul Student Center. Noon. Free.
- Mon., Oct. 16---U Film Society: "Eugene Onegin." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.25.
- Tues., Oct. 17---Film: "Last Hurrah." Theatre-lecture hall, Coffman Union. 7 p.m. Free.
- Tues., Oct. 17---Lecture: "What's Russian **About** the 19th-Century Russian Novel?" by Donald Fanger. 125 Willey Hall. 8 p.m. Free.
- Wed. Oct. 18---Film: "I Am a Fugitive From a Chain Gang and 42nd Street." Theatre-lecture hall, Coffman Union. 7 and 8:30 p.m. \$1.50.
- Wed., Oct. 18---U Film Society: "The Duellists." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.25.
- Thurs., Oct. 19---Film: "Romeo and Juliet." Theatre-lecture hall, Coffman Union. 7:30 p.m. \$1.50, students 50¢.
- Thurs., Oct. 19---U Film Society: "The Duellists." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.25.

(OVER)

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(OVER)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
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OCTOBER 13, 1978

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**RUSSIAN LITERATURE TALK AT U OF M**

**(FOR IMMEDIATE RELEASE)**

"What's Russian About the 19th-Century Russian Novel?" will be discussed at the University of Minnesota Tuesday (Oct. 17).

Prof. Donald Fanger of Harvard University will lecture at 8 p.m. in 125 Willey Hall on the west bank of the Minneapolis campus.

The lecture is part of a free, public series on 19th-century Russian culture planned by the University in conjunction with the ongoing Russian arts festival. Seven additional lectures on succeeding Tuesday evenings will be on such topics as Russian music, theater and ballet, art and science.

The series was organized by Theofanis Stavrou of the University's history department and is supported by a grant from the Rockefeller Foundation. For more information call 373-3424.

-UNS-

(AO,2,35;B1)

UNIVERSITY OF MINNESOTA  
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OCTOBER 13, 1978

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REGENTS CONSIDER BUILDINGS,  
STUDENT AID, HHH INSTITUTE

(FOR IMMEDIATE RELEASE)

DULUTH, Minn.--A proposed \$12 million large-animal hospital for the University of Minnesota's St. Paul campus is among \$100 million in new buildings that the administration hopes to request from the 1979 and 1980 legislatures.

University president C. Peter Magrath gave the Board of Regents its first look at the total proposed request at the board's monthly meeting, held Friday (Oct. 13) on the University's Duluth campus. Action on the final request is due at the board's Nov. 10 meeting.

"If the request is large, it is because we do have a lot of needs," Magrath told the board. "But we do have an invitation from the legislature to come back with a number of items that had been discussed in the last session."

Stanley B. Kegler, vice president for institutional relations, said that the building and grounds improvement items are "one-shot" items and that many of them have been discussed with legislative leaders.

The large-animal hospital proposal sparked a discussion about the proposed expansion of College of Veterinary Medicine facilities.

The college's expansion had been planned with a Minnesota-Wisconsin reciprocity agreement in mind, but Wisconsin has since decided to build its own school rather than to subsidize Minnesota's veterinary college.

"The animal health needs of the Upper Midwest exist and will continue to exist," said Regent Lloyd Peterson, a Paynesville farmer. "There are seven applications for each student we admit in the veterinary college.

"The pressure on the College of Veterinary Medicine will be there, and we will continue to serve students, whether they are companion-animal veterinarians or meat-animal veterinarians," Peterson said.

(MORE)

Peterson took issue with a recent Wall Street Journal article circulated among the regents that said there are more veterinarians being trained than there are jobs for them.

Regent David Lebedoff of Minneapolis said that the needs of the college should be determined independent of the projected student enrollment and the job market.

"I fought for the new law school, but I knew it was being built at a time when the job market for lawyers was drying up," Lebedoff said, adding that if the University was to have a good law school it needed new facilities. The new law building opened last spring.

The proposed building request includes \$7 million in system-wide items for such things as removal of trees with dutch elm disease, energy conservation improvements and upgrading of facilities to meet the standards of the Occupational Safety and Health Administration (OSHA).

Some \$3 million of the system-wide funds are for improvement in access for the handicapped to University facilities. An additional \$2 million would be needed for the next two years (1981-82) to bring the University into compliance with federal standards.

In other action, board members criticized the administration of student-aid funds by the Higher Education Coordinating Board (HECB), which recently announced that it had a surplus of \$5 million in unspent student aid.

There is not too much money, but there are too many restrictions on the funds that are available, according to Magrath and board chairman Wenda Moore.

Magrath said that the discussion of unspent student-aid funds surfaced as a defense of the HECB's recent move to increase the percentage of educational costs that is paid by students through tuition.

"Simply because the aid isn't used doesn't mean that it isn't needed," Magrath told reporters after the meeting. "The University's problem is that we don't have enough money to meet the needs."

(MORE)

Regent Robert Latz said that the maximum income requirements of the aid programs haven't increased with inflation to take into account people whose earnings may increase but whose real income may be steady.

"This statement of a so-called surplus overlooks the fact that there will be a need, in my opinion, for increases in the amounts available for student aid," Latz said.

The board also approved a site for the construction of a building for the Hubert H. Humphrey Institute of Public Affairs on the Minneapolis campus.

The building, which will be on the site of the Science Classroom Building on the east end of the Washington Ave. bridge, will be constructed after various committees decide how much of the institute funds will be spent on the facility.

Some \$14.2 million has been raised for the institute, named in honor of the late Minnesota senator.

A motion to ask Moore to invite students from the People's Republic of China to attend the University of Minnesota was approved by the board without dissent.

Moore announced that she would tour China later this month. The People's Republic recently said that it would send 10,000 Chinese students to study at foreign universities.

-UNS-

(AO, 1, 14; B1, 10; CO, 1; E15, F5)

(FOR RELEASE ANYTIME)

Feature story from the  
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October 17, 1978

MEDICAL STUDENTS WORRY  
WHEN THEY CAN'T DO IT ALL

By Maureen Smith  
University News Service

Medical school is almost a prescription for stress, especially for first- and second-year students.

Take a group of academically competent, slightly compulsive students who have never known the word can't. Put them in classes in which there is more to learn than they can possibly learn in the time available. They are bound to be frustrated.

Pearl Rosenberg, assistant dean of the Medical School at the University of Minnesota, Twin Cities, spends about half her time counseling medical students. She said the biggest source of stress for medical students is time.

"There is a tremendous amount of material, and often it has to be taught in very traditional ways," she said. "There is no way of learning everything. There is language that has to be learned, a great deal of material that has to be learned before the students can really begin to work.

"It's almost a high-school-like situation for very creative people. The system is alien to the kind of people who are in medical school. The work is impossible to do completely, and these are people who are used to doing everything completely. Time gets to be the most precious thing in the world."

Students find themselves calculating how much time their parents are worth, how much time their girlfriends or boyfriends are worth, Rosenberg said. "They don't like to do it, but they have to. What they usually do is eliminate time for themselves, and that's not good, either."

Time pressure and stress are inherent in the system, Rosenberg said, and nobody is to blame. The Medical School curriculum is constantly being evaluated and updated. Students are on all the committees. Counseling and other support services are offered. "But there is no way of changing some things," she said.

Concern for the emotional health of students is greater than it used to be, Rosenberg said. "When my husband went to school, his psyche was not thought to be the business of the Medical School at all."

The student suicide rate at medical schools is typically quite high, she said--on the average of one suicide every two years. "That's the sort of scuttlebutt I hear." At Minnesota no medical student has committed suicide in over 20 years. "I think it's because we work so hard," Rosenberg said. "We say if it's bad enough to commit suicide, it's bad enough to come in and talk to us."

(MORE)

Students are encouraged to come in to talk about any problems that are troubling them, Rosenberg said. One student might be tense about his classes, another might be worried because school is leaving her so little time for her baby.

Because of the unusual strains of the first year, every freshman is assigned to a support group. Women's and couples' groups are also offered. "I do a lot of work with women, because medical school still is more stressful for them," Rosenberg said. "They have very specific questions, like when is a good time to have a child and how do you manage it. Their husbands or partners may be very sweet and supporting, but they know the major responsibility is still on them."

A couples' group may be "one of the few places couples do anything together," Rosenberg said. "Medical school does put stress on the marriage relationship." Rosenberg has counseled couples with sexual problems, which can be especially devastating for medical students. "My God, how can a medical student not know?" they ask themselves. Rosenberg tells them that they are people like everyone else.

Some students come in with family problems. "If a student is worried about his mother because his father has died and she is lonely and vulnerable, we consider it quite appropriate to see that mother," Rosenberg said. "Many students feel they have the weight of their families on them. Everyone turns to them, and where do they turn? They can turn to us, if they are willing to share with us."

"Counseling is one of the things you can't force on anyone," Rosenberg said. Occasionally faculty members or deans may become aware that a student is not psychologically suited to a medical career, she said, but it is hard to do anything about it if the student resists help.

"These days if you say that someone would not be a competent physician for other than academic reasons, that person is likely to run out and get a lawyer." The best answer is careful screening in the admissions process, she said. "Sometimes people are aware that they don't belong and will flunk," Rosenberg said. With the high admissions standards, she said, "we assume that if a student flunks it's for emotional, not academic, reasons."

Life gets a little easier for medical students in their third and fourth years, Rosenberg said. They are gaining practical experience, they are given six months to take vacations or pick up electives, and they work on the hospital wards, where their assignments are changed every six weeks or three months. "Even if there is a difficult service, it's over quickly," she said.

Still, there are new sources of stress when the medical students work alongside the doctors. Students working in surgery, for example, may do nothing more than hold retractors for hours. Their arms get tired, the work is boring, and they can't even see what's going on. Often they feel that they are not learning anything.

(MORE)

Moving from one service to another can also have its disadvantages. "As soon as they feel comfortable in one, they are switched," Rosenberg said. "These are people who like to know what they are doing.

"Medical students are crazy. They go on a ward to learn, and then they berate themselves for not knowing. They're perfectionists," Rosenberg said.

The first two years of residency are as hard as or even harder than the first two years of medical school, she said. "The time pressure gets even worse, and by then you're tired." Residents who are on call every third night often find that all their energy is depleted and they have no time to call their own. "It's very frustrating when you're the creative, broadly interested persons that they are," Rosenberg said. Third-year residents are usually able to go home and say, "Call me only if the first- or second-year resident can't handle something."

In general, Rosenberg said, students who are chosen for medical school have the qualities "that will make very good physicians and very frustrated students." Again and again, Rosenberg tells students that their frustration is natural, that the problems are in the situation and are not signs of personal inadequacy.

But couldn't it be that medical students bring certain anxieties or psychological problems with them? What kind of people are attracted to medical school?

"Many people are attracted to medical school," Rosenberg said. "The ones who get accepted are usually very creative, bright, slightly compulsive people who can work for future goals. They are interested in power and prestige but not at the expense of service. They have demonstrated concern and caring. They like to do independent work. They have broad interests--parachute jumping, playing the piano. A larger majority than one might expect are skilled musicians, many of concert quality."

Psychological tests are given during the admissions process, and the students who are chosen are "a very healthy bunch of young people," Rosenberg said. "If they're not when they leave, it's because we did it to them. We think sending them out as healthy as they came in is just as important as preparing them to be technically competent."

-UNS-

(AO, 24; B1; CO, 5; DO, 5; EO, 22, 24)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 17, 1978

NEWS PEOPLE: For further information  
contact JUDY VICK, (612) 373-7515

'U' THEATRE TO PRESENT  
'LOVE'S LABOR'S LOST'

(FOR IMMEDIATE RELEASE)

One of Shakespeare's happiest comedies, "Love's Labor's Lost," will open Friday, Oct. 27, in the Stoll thrust theater of Rarig Center at the University of Minnesota, Twin Cities.

Jean Congdon, University theater faculty member, is directing the Shakespeare work which she describes as a play "about language and love and the conflict between head and heart."

The leading roles of Berowne and Rosaline are played by Ken Risch, a graduate student from Manitowoc, Wis., and Sally Bublitz, a graduate student from Birmingham, Mich.

Performances will be Thursdays, Fridays and Saturdays at 8 p.m. and Sundays at 3 p.m. through Nov. 12.

Tickets are on sale at Rarig Center, Dayton's and Donaldson's at \$4 for the general public and \$3 for students and senior citizens.

-UNS-

(AO,2;B1;CO,2;DO,2;E30)

(FOR RELEASE ANYTIME)

Feature story from the  
University of Minnesota  
News Service, S-68 Morrill Hall  
100 Church St. S.E.  
Minneapolis, Minnesota 55455  
Telephone: (612) 373-5193  
October 19, 1978

BONE MARROW TRANSPLANTS HOLD  
PROMISE FOR VARIOUS DISEASES

By Paul Schurke  
University News Service

When University of Minnesota doctors paused to recognize the completion of their fiftieth bone marrow transplant this month, their mood at this milestone was one of anticipation rather than reminiscence.

The list of severe diseases for which the procedure holds promise is growing, said John Kersey Jr., who heads the transplant team. William Krivit, another team member, called the potential "mind-boggling."

The technique has primarily been employed in treating aplastic anemia and leukemia, malignant conditions of bone marrow. But a variety of other severe blood and bone diseases and cancers of other organs are now counted as candidates for this treatment.

The common denominator in all these conditions is dysfunction of bone marrow, the body's factory for blood cells. Protected in cavities within bone, the marrow produces red blood cells to carry oxygen, white blood cells to guard against microorganisms, and platelets to stop bleeding.

In aplastic anemia, the bone marrow is underproductive, while in leukemia, it is overproductive. Without bone marrow transplants, victims of these diseases have very poor prospects for survival. In fact, patients with these diseases usually die within a year of diagnosis, Kersey said.

In contrast, 20 of the University's 50 transplant recipients remain alive, Kersey said. Krivit noted that seven of the last nine aplastic anemia victims who received transplants are still living.

University of Minnesota doctors performed their first marrow transplant in 1968. Now one of seven major bone marrow transplant centers in the nation, the University serves the entire central portion of the country. Along with Kersey and Krivit, the

(MORE)

transplant team includes Mark Nesbit, Peter Coccia, Tae Kim, Seymour Levitt, Joane Pearson, Norma Ramsey and Jeffery McCullough.

The transplant procedure is a two-part procedure. First the errant marrow cells are destroyed with drugs or radiation. Then new cells, most often from a sibling donor, are implanted.

Thirteen-year-old Stephen Phillips of New Orleans is the fiftieth transplant recipient at the University, and his treatment offers an example of the process.

Stephen is a victim of acute myelogenous leukemia. When brought to the University in September, his body was literally destroying itself as a result of the uncontrolled proliferation of white blood cells.

Intense chemotherapy and high doses of radiation were used to rid Stephen's body of the cancerous leukemic cells. Meanwhile, healthy bone marrow was gathered from Stephen's older brother Eric. About a pint of the thick reddish-brown liquid was pulled a little at a time from Eric's pelvic bone with a syringe.

Doctors inserted the marrow through a vein in Stephen's leg. Then, standing by with medical support, they waited as Stephen's body performed the graft.

Once injected, the marrow circulates throughout the body and "homes" in on the bone cavities, Kersey said.

"The ability of cells to recognize that they are home, and to remain home in bone marrow is one of the fascinating mysteries of bone marrow," Kersey said.

Following a transplant, a patient's immune system must develop from scratch. Vaccinations are given so that antibodies redevelop against various diseases. The patient must be monitored closely for about a year to ensure that abnormal marrow activity does not recur, Kersey said.

If the graft is successful, the patient usually can resume normal activities in a few months. "Most of them receive no additional drug therapy," he said.

One of the more exciting new uses for the procedure is as an adjunct to treatment of certain cancers which do not involve bone marrow. High doses of chemotherapy and radiation are known to kill cancerous cells in various tissues, but the treatment also

destroys healthy bone marrow. The transplant procedure allows restoration of marrow function after the cancer has been eliminated.

David Stahl, one of the longest surviving bone marrow recipients treated at the University, is an example of such a case. Three years ago the 19-year-old from Blomkest, Minn., was diagnosed as having Burkitt's lymphoma, a cancer of the lymph glands which is almost always fatal.

In 1975, he received intense radiation and chemotherapy and underwent a marrow transplant. Now, said Peter Coccia, "We have every reason to believe he is cured of his disease.

"We are quite excited about the prospects of bone marrow transplants in diseases not of bone marrow," he said.

University researchers are growing bone marrow in laboratory cultures to explore and refine transplant techniques. For instance, researchers are attempting to identify the optimal number of marrow cells for transplantation and factors in the marrow which determine the success of a graft, said team member Mark Nesbit.

Two other avenues for boosting transplant success rates are also under investigation, Kersey said.

Methods of improving treatment of infection to protect transplant recipients while their immune systems redevelop and improved cancer drugs to insure that healthy marrow is implanted in a system free of cancerous cells are being studied.

"I think we can say that a number of additional severe blood and bone marrow diseases could be treated with bone marrow transplants," Kersey said. "And the combination of transplants with chemotherapy has potential use in a variety of other malignant diseases."

-UNS-

(AO,22,23,24;B1,4,5;CO,5;DO,5;EO,23)

UNIVERSITY OF MINNESOTA  
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OCTOBER 19, 1978

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
Oct. 22-28

- Sun., Oct. 22---University Gallery: Selections from the permanent collection. Northrop Aud. 11 a.m.-4 p.m. Mon., Wed., Fri.; 11 a.m.-8 p.m. Tues., Thurs.; 2-5 p.m. Sun. Through Dec. 13. Free. ("The Art of Russia: 1800-1850" at Landmark Center in St. Paul. through Dec. 6.)
- Sun., Oct. 22---St. Paul Student Center: Oils by Phyllis Ames Wiener, North Star gallery; photographs by Cris Anderson, Rouser Room gallery; through Nov 3. 8 a.m.-10 p.m. Mon.-Fri.; noon-11 p.m. Sat., Sun. Free.
- Sun., Oct. 22---U Film Society: "The Beach Guard in Winter," 7:30 p.m.; "The Widowhood of Karolina Zasler," 9:15 p.m. Bell Museum of Natural History aud. \$2.25.
- Sun., Oct. 22---Film: "Servant and Mistress." Theater-lecture hall, Coffman Union. 8 p.m. \$3, students \$2.
- Mon., Oct. 23---Goldstein Gallery: Fiber forms by Kae Jung Kwak. McNeal Hall. 8:30 a.m.-4:30 p.m. Mon.-Fri. Through Nov. 10. Free.
- Mon., Oct. 23---U Film Society: "Moussorgsky," 7:30 p.m.; "Shors," 9:30 p.m. Bell Museum of Natural History aud. \$2.25.
- Mon., Oct. 23---Theater: "A Fierce Longing." Theater-lecture hall, Coffman Union. 8 p.m. \$4, students \$3.
- Tues., Oct. 24---Concert: New music on traditional Japanese instruments. Scott Hall aud. 3 p.m. Free.
- Tues., Oct. 24---Lecture: "19th-Century Russian Music" by Malcolm H. Brown. 125 Willey Hall. 8 p.m. Free.
- Tues., Oct. 24---Theater: "A Fierce Longing." Theater-lecture hall, Coffman Union. 8 p.m. \$4, students \$3.
- Wed., Oct. 25---Film: "Grand Hotel," 7 p.m.; "Dinner at 8:00," 9 p.m. Theater-lecture hall, Coffman Union. \$1.50.
- Wed., Oct. 25---U Film Society: "We Are Arab Jews in Israel." Bell Museum of Natural History aud. 7:30 and 9:45 p.m. \$2.25.
- Thurs., Oct. 26---Film: "It Happened One Night" and a "sing-a-long" short. 310 Anderson Hall. 2:30 and 7:30 p.m.
- Thurs., Oct. 26---Film: "Henry V." Theater-lecture hall, Coffman Union. 7:30 p.m. \$1.50, students 50¢.
- Thurs., Oct. 26---U Film Society: "We Are Arab Jews in Israel." Bell Museum of Natural History aud. 7:30 and 9:45 p.m. \$2.25.

(OVER)

UNIVERSITY OF MINNESOTA  
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100 CHURCH ST. S.E.  
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OCTOBER 20, 1978

NEWS PEOPLE: For further information  
contact JUDY VICK, (612) 373-7515

SILHA TO RECEIVE  
'78 MINNESOTA AWARD

(FOR IMMEDIATE RELEASE)

Otto A. Silha, president of the Minneapolis Star and Tribune Company, has been chosen as winner of the 1978 Minnesota Award for Distinguished Service in Journalism.

Silha, who began his career as a copy reader with the company in 1940, will receive the award Monday (Oct. 23) at a luncheon meeting of the Inland Daily Press Association in Chicago, Ill. F. Gerald Kline, director of the University of Minnesota School of Journalism and Mass Communication, will present the medallion and scroll to Silha.

Currently a member of the board of directors of the Associated Press, Silha has been chairman of the Newspaper Advertising Bureau, is a past president of the Newspaper Promotion Association and has held nine different posts with the American Newspaper Publishers Association. From 1975 to 1978 he served as chairman of the Newspaper Format Committee in its effort to standardize newspaper column widths in a time of rapidly changing technology.

Silha is a graduate, magna cum laude and Phi Beta Kappa, of the University Journalism School, where he was managing editor of the Minnesota Daily in 1939-40. From 1961 to 1969 he was a member of the University Board of Regents and in 1974 received the institution's Outstanding Achievement Award. He now serves as a trustee of the University of Minnesota Foundation.

An active member of the community, he has served in positions of leadership with many groups. Most notable is his commitment to the Experimental City concept, which would create a living laboratory for dealing with problems of life in the 21st century.

Some previous winners of the Minnesota Award are John Cowles, the Minneapolis Star and Tribune, J. Howard Wood, publisher of the Chicago Tribune, Vernon M. Vance, publisher of the Worthington (Minn.) Daily Globe, Bernard H. Ridder, St. Paul Dispatch and Pioneer Press, Alberto Gians Paz, La Prensa (Buenos Aires, Argentina) and Irwin Maier, Milwaukee Journal.

The award has been presented every year since 1948, except 1954.

-UNS-

(AO, 20; B1; CO; DO; E20)

UNIVERSITY OF MINNESOTA  
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100 CHURCH ST. S.E.  
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OCTOBER 20, 1978

NEWS PEOPLE: For further information  
contact JEANNE REINHART, (612) 373-5193

NEW, FLEXIBLE LIBERAL ARTS  
DEGREE AVAILABLE AT U OF M

(FOR IMMEDIATE RELEASE)

A new liberal arts degree is now available to people who wish to have more flexibility in coursework at the University of Minnesota.

The Bachelor of Individualized Studies degree program (BIS) is designed for those who wish to combine a liberal arts education with vocational goals, who return to college later in life, or who want a close advising relationship with faculty members.

It allows students to combine academic and personal goals in individually developed programs of study, and to apply classes from both the College of Liberal Arts (CLA) and other University colleges toward a degree.

According to CLA dean Fred Lukermann, the BIS degree is designed "for members of the community who would be better served by an alternative degree that allows a little more flexibility. The traditional degrees continue to be the best choice for the vast majority of students, but for some the BIS degree will be a stimulating option."

BIS students will be required to complete 180 credits--the number required for all other degree programs at the University--but about half of those credits will be in areas determined by the student and advisors, and may be drawn from other colleges at the University.

More information is available by contacting Melinda Monteith, 106 Johnston Hall, 101 Pleasant St. S.E., University of Minnesota, Minneapolis, MN 55455, (612) 373-3030.

-UNS-

(AO, 1, B1; F4, 9; G14)

UNIVERSITY OF MINNESOTA  
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100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 23, 1978

NEWS PEOPLE: For further information  
contact RONAELE SAYRE, (612) 373-7516

MUSIC AND MOVIES PLANNED  
FOR U OF M HOMECOMING

(FOR IMMEDIATE RELEASE)

The 1920s homecoming theme at the University of Minnesota, Twin Cities, this year will be highlighted by a series of jazz concerts and old time classic movies during homecoming week, Oct. 30 through Nov. 4.

The University Jazz Band will present a noon-hour concert Tuesday, Oct. 31, and the Men's Chorus will perform at noon, Wednesday, Nov. 1. Both concerts will be on the first floor of Coffman Union and both are free.

The Upper Mississippi Jazz Band will present a program at 7 p.m. Wednesday in the Whole Coffeehouse in Coffman Union. Admission will be \$2 and a homecoming button. Buttons are \$1 and will be available at the door. Music from the 1920s will be featured by the Bobo Boys during an 8 p.m. concert Wednesday in the St. Paul Student Center Rouser Room. There is no admission charge.

The University Jazz Band and the Mixed Blood Theatre Company will perform in the Whole Coffeehouse at 7 p.m. Thursday, Nov. 2. Admission is \$2 and a homecoming button.

The James Cotton Blues Band will appear at 8:30 p.m. Friday and Saturday, Nov. 3 and 4, in the Whole Coffeehouse. Admission is \$4. Daisy Dillman will be featured at the homecoming dance at 8 p.m. Friday in Coffman Union. Admission is \$2.50 and a homecoming button.

Homecoming festivities will conclude with a disco dance in Coffman Union Saturday, Nov. 4, at 8 p.m. Admission is \$1 and a homecoming button.

Classic films, such as "Hunchback of Notre Dame," and shorts from Charlie Chaplin movies, will be shown in 337 Coffman Union Monday, Tuesday, Wednesday and Thursday at 7 p.m. Admission is \$1 and a homecoming button. Information on the films is available from the Coffman Union Information Center. Films are also scheduled for 310 Anderson Hall on the West Bank at 2:30 and 7:30 p.m. Wednesday and at the St. Paul Student Center, North Star Ballroom, at 7:30 and 9:30 p.m. Friday and Saturday.

-UNS-

UNIVERSITY OF MINNESOTA  
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OCTOBER 23, 1978

NEWS PEOPLE: For further information  
contact RONAELE SAYRE, (612) 373-7516

MINNESOTA ALUMNAE CLUB TO HONOR  
WOMAN ADVERTISING EXECUTIVE

(FOR IMMEDIATE RELEASE)

Mary Andrews Ayres, a cosmetic-industry advertising executive, will receive the University of Minnesota Outstanding Achievement Award at the annual luncheon meeting of the Alumnae Club Saturday (Oct. 28).

The award will be presented at a 12:30 p.m. luncheon in the Alumni Club, IDS Center, 88 S. Eighth St., Minneapolis.

Ayres graduated from the University of Minnesota in 1934 with a bachelor of arts degree.

Ayres retired this year from her position as executive vice president and director of Sullivan, Stauffer, Colwell and Bayles, Inc. (SSC&B Inc.), one of the largest advertising agencies in the world. She began her career in 1934 as a stencilist, stenographer and secretary for Ruthrauff and Ryan, Inc., an advertising agency. When the company merged with SSC&B Inc., in 1947, Ayres became an account executive.

In her career with SSC&B, Ayres was the first woman to hold the positions of vice president, senior vice president, executive vice president and director. She has received many awards and honors in the advertising and business world, and was named Advertising Woman of the Year in 1972, first woman director of the American Association of Advertising, and recipient of the Headliner of the Year Award in 1973 for Women in Communications.

The luncheon will be preceded by seminars on the selection and use of home accessories, taught by interior designers from the community and faculty members from the College of Home Economics, Continuing Education and Extension and the University Gallery.

Registration for the seminars, which begin at 9:30 and 11 a.m., and the luncheon is \$8.50. Reservations must be submitted by Thursday (Oct. 26) to the Minnesota Alumnae Club, 2610 University Ave., St. Paul, MN 55114.

(AO,1,27;B1;CO)

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 24, 1978

NEWS PEOPLE: For further information  
contact JUDY VICK, (612) 373-7515

'U' THEATRE TO PRESENT  
RUSSIAN DRAMA

(FOR IMMEDIATE RELEASE)

Maxim Gorki's naturalistic drama, "The Lower Depths," will open Friday, Nov. 3, at the University of Minnesota, Twin Cities, as part of the Twin Cities Russian Arts Festival.

Kenneth Graham, University theater professor, will direct the production of the early 20th century play about a group of residents of a flophouse in a city on the Volga River.

In exploring the meaning of life, Gorki conveys the basic theme of the play through the symbolic conflict between Luka, the compassionate wandering stranger, and Satin, the chivalrous freedom-loving philosopher. Luka believes that human beings should face misfortune with illusion. Satin champions the philosophy that proclaiming courage in adversity is the greatest virtue of the human spirit.

Richard R. Krueger, a graduate student from South Bend, Ind., plays Luka. Dennis McNamara, a graduate student from Minneapolis, is cast as Satin. Other leading roles are played by Brian Martin, a graduate student from Wayne, N.J., as the Actor, and Priscilla Entersz, a graduate student from Massapequa Park, N.Y., as Vassilissa.

Performances will be at 8 p.m. Thursdays, Fridays and Saturdays and at 3 p.m. Sundays through Nov. 19 in the experimental theater of Rarig Center.

Admission is \$4 for the general public and \$3 for students and senior citizens. Tickets are on sale at Rarig Center, Dayton's and Donaldson's. Phone (612) 373-2337 for reservations.

-UNS-

(AO,2;B1;CO,2;DO,2;E30)

UNIVERSITY OF MINNESOTA  
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TELEPHONE: (612) 373-5193  
OCTOBER 26, 1978

UNIVERSITY OF MINNESOTA, MINNEAPOLIS AND ST. PAUL CAMPUS EVENTS  
Oct. 29-Nov. 4

- Sun., Oct. 29---University Gallery: Selections from the permanent collection. Northrop Aud. 11 a.m.-4 p.m. Mon., Wed. and Fri.; 11 a.m.-8 p.m. Tues. and Thurs.; 2-5 p.m. Sun. Through Dec. 13. Free. ("The Art of Russia: 1800-1850" at Landmark Center in St. Paul, through Dec. 6.)
- Sun., Oct. 29---St. Paul Student Center: Oils by Phyllis Ames Wiener, North Star gallery; photographs by Cris Anderson, Rouser Room gallery. 8 a.m.-10 p.m. Mon.-Fri.; noon-11 p.m. Sat. and Sun. Through Nov. 3. Free.
- Sun., Oct. 29---Concert: University Marching Band. Northrop Aud. 3 p.m. \$3.50, students \$2.50. Tickets on sale at Northrop ticket office.
- Sun., Oct. 29---University Theatre: "Love's Labor's Lost" by William Shakespeare. Stoll thrust theater, Rarig Center. 3 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Sun., Oct. 29---University Film Society: "Mr. Klein." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.50.
- Sun., Oct. 29---Film: "Summer Paradise." 8 p.m. \$2.50, students \$1.50. Theater-lecture hall, Coffman Union.
- Sun., Oct. 29---Whole Coffeehouse: Midcontinental Jazz Chorus. Coffman Union. Doors open at 8 p.m. Tickets on sale at the door, MSA T00 and Wax Museums.
- Mon., Oct. 30---Goldstein Gallery: Fiber forms by Kae Jung Kwak. McNeal Hall. 8:30 a.m.-4:30 p.m. Mon.-Fri. Through Nov. 10. Free.
- Mon., Oct. 30---Coffman Gallery: "Movement and Measurability in Painting" by Joanne Kent, Gallery I; MFA Thesis Exhibition by Linda Robinson Gordon, Gallery II. 10 a.m.-4 p.m. Mon.-Fri. Through Nov. 17. Free.
- Mon., Oct. 30---University Film Society: "Romeo and Juliet." 7:30 and 9:15 p.m. Bell Museum of Natural History aud. \$2.50.
- Tues., Oct. 31---Film: "The Best Man." Theater-lecture hall, Coffman Union. 7 p.m. Free.
- Tues., Oct. 31---Lecture: "Russian Theater and Ballet" by Paul Schmidt. 125 Willey Hall. 8 p.m. Free.
- Wed., Nov. 1---University Film Society: "Love It Like a Fool," 7:30 p.m.; "With Babies and Banners," 9 p.m. Bell Museum of Natural History aud. \$2.25.
- Thurs., Nov. 2---Film: "The Hunchback of Notre Dame" and "How To Take a Vacation." 310 Anderson Hall. 2:30 and 7:30 p.m. Admission.
- Thurs., Nov. 2---Film: "Julius Caesar." Theater-lecture hall, Coffman Union. 7:30 p.m. \$1.50, students 50¢.

(OVER)

UNIVERSITY OF MINNESOTA  
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OCTOBER 26, 1978

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(OVER)

- Sat., Nov. 4---Punchinello Players: "Hay Fever" by Noel Coward. North Hall theater. 8 p.m. \$2.50, students \$2. Tickets on sale at North Hall ticket office.
- Sat., Nov. 4---University Theatre: "Love's Labor's Lost" by William Shakespeare. Stoll thrust theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Sat., Nov. 4---Theater: "The Lower Depths" by Maxim Gorky. Experimental theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Sat., Nov. 4---Whole Coffeehouse: James Cotton Blues Band. Coffman Union. Doors open at 8:30 p.m. \$4. Tickets on sale at the door, MSA TOO and at Wax Museums.

-UNS-

(AO;B1;F2)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
OCTOBER 24, 1978

MTR  
N47  
ZAP

NEWS PEOPLE: For further information  
contact JUDY VICK, (612) 373-7515

**PUNCHINELLO TO OPEN  
WITH 'HAY FEVER'**

**(FOR IMMEDIATE RELEASE)**

The Punchinello Players will open their 64th season on the University of Minnesota Twin Cities campus Friday, Nov. 3, with a production of the Noel Coward comedy "Hay Fever."

Tom Egeberg, a University theater senior, will direct the play about the theatrical Bliss family.

Performances will be at 8 p.m. Nov. 3, 4, 10, 11, 17 and 18 in North Hall theater on the St. Paul campus. Admission is \$2.50 for the general public and \$2 for students.

Other plays in the Punchinello season are "Play With A Tiger" by Doris Lessing, Feb. 9 through 24, and "Luv" by Murray Schisgal, May 4 through 19.

-UNS-

(AO,2;B1;CO,2)

UNIVERSITY OF MINNESOTA  
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OCTOBER 27, 1978

NEWS PEOPLE: For further information  
contact RONAELE SAYRE, (612) 373-7516

DNA EXPERT TO TALK  
AT U OF M ON NOV. 2

(FOR IMMEDIATE RELEASE)

"Recombinant DNA: The Science and the Politics" will be the subject of a noon-hour program Thursday (Nov. 2) in the North Star Ballroom of the St. Paul Student Center at the University of Minnesota.

Guest speaker will be Stanley Cohen, professor of medicine and genetics at Stanford University, Calif. Cohen, chairman of the Stanford department of genetics, was involved with the experiments in 1973 in which foreign bacterial genes were transplanted into other bacteria. The experiments are considered the basis for much of the later recombinant DNA research.

The program is sponsored by the St. Paul Student Center and is one of a series of noon-hour programs scheduled during homecoming week at the University.

-UNS-

(A0,23;B1)

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OCTOBER 27, 1978

NEWS PEOPLE: For further information  
contact BILL HUNTZICKER, (612) 373-7512

MAGRATH, STUDENT LEADERS  
DISCUSS 'STATE OF CAMPUS'

(FOR IMMEDIATE RELEASE)

Beer and tuition were among the topics of discussion at a polite exchange between University of Minnesota student leaders and President C. Peter Magrath at the first annual "state of the campus" discussion Thursday on the Twin Cities campus.

Magrath said he would support the proposal by student body president Al Senstad that beer be served in Coffman and other student union facilities if the students put forward a "responsible" plan that Magrath could take to the Board of Regents.

"The purpose of our unions," Senstad said, "is to provide an atmosphere of relaxation and leisure for our students, and I feel strongly that beer can assist in this purpose if the use of it is structured in a responsible manner."

Beer sales could reduce the amount of student fee income necessary to support the union as well as provide a more relaxed atmosphere for students, said Senstad, a senior in speech and theatre from Alexandria, Minn.

"But if our student unions, built with student money, turn into ghost towns at 4 p.m. each day--which happens all too often--something is missing," he said.

Magrath said that he was willing to take a proposal to the board if the "legal complications" resulting from the increase of the legal drinking age to 19 can be resolved. "If a solid proposal comes from the student government, I believe I would support it," he said.

Senstad and Magrath agreed on the goal to hold tuition as low as possible but disagreed on how to best approach the 1979 Legislature with a proposed tuition policy that would release tuition from a percentage of the cost of instruction.

The Board of Regents position, which Magrath recommended, has no proposed tuition ceiling. The student government position has been to ask the legislature

(MORE)

to hold tuition increases at the level of increases in the cost of living. Senstad indicated that student-supported lobbyists would present their own case to the legislature.

"The University will not be going to the legislature with any specific figure to request for aid in minimizing educational cost for students, so it will be up to us to make the case for low tuition," he said. "Students cannot afford the continual rise in the cost of education, and can barely keep up with the rate of inflation. They must have a tuition freeze in terms of constant dollars, and they shall have it," Senstad said.

"You can't mandate consensus or uniformity," Magrath said. "You'll never get everybody to agree on everything, but there are some issues like holding the line on tuition, increasing financial aid and the access question in general that do unite students."

Both the administration and the students disagree with the recent proposal by the Higher Education Coordinating Board that the percentage of the instructional costs paid by tuition be increased.

-UNS-

(AO, 1; B1; CO, 1)

UNIVERSITY OF MINNESOTA  
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OCTOBER 27, 1978

NEWS PEOPLE: For further information  
contact JUDY VICK, (612) 373-7515

LOCAL FIRM SELECTED  
TO DESIGN HHH INSTITUTE

(FOR IMMEDIATE RELEASE)

A Minneapolis architecture firm has been selected to design the building for the Hubert H. Humphrey Institute of Public Affairs at the University of Minnesota, Twin Cities.

The Leonard Parker Associates, who also designed the University's new Law School building, were chosen by the State Designer Selection Board to design the structure, which will be superimposed on the existing Science Classroom Building located on the east bank of the Mississippi River adjacent to the Washington Ave. bridge.

The building is expected to cost about \$3-5 million. The funds will come from the money raised by the University of Minnesota Foundation for the institute. The building is expected to be completed in about three years.

Leonard Parker, who heads the 21-year-old architecture firm, said he supported the late Sen. Humphrey but is not a political activist.

"I've always been an admirer of Humphrey," Parker said. "I want to design a memorial that not only will work well as a school, but also will be an expression of his life. It must be a beautiful building."

Eighteen proposals from local and national firms were given preliminary consideration by the design board.

The Parker firm has extensive experience in renovating and remodeling existing structures. In addition to the Law School, their previous projects include the Minneapolis Institute of Arts and Minneapolis College of Art and Design remodeling and additions completed in 1974 (co-architects); Elliott Hall at the University of

(MORE)

Minnesota; the Ramsey County Juvenile Center in St. Paul; and the Pilot City Regional Center in Minneapolis. They are currently working on the design of offices and studios for Minnesota Public Radio in downtown St. Paul. The firm has received 33 state and national awards for excellence in design; twelve of these awards were for University of Minnesota buildings.

Leonard Parker has a bachelor's degree in architecture from the University of Minnesota and a master's degree in architecture from the Massachusetts Institute of Technology. He is a professor in the University of Minnesota School of Architecture.

-UNS-

(AO,1,13;B1;CO,1,13;DO,1,13;E1)

(FOR IMMEDIATE RELEASE)

Feature story from the  
University of Minnesota  
News Service, S-68 Morrill Hall  
100 Church St. S.E.  
Minneapolis, Minnesota 55455  
Telephone: (612) 373-5193  
October 30, 1978

U OF M HOPES TO ATTRACT STUDENTS  
FROM PEOPLE'S REPUBLIC OF CHINA

By Bill Huntzicker  
University News Service

The People's Republic of China has announced that it will send 10,000 students to study in overseas universities in the next two years.

And the University of Minnesota wants a piece of the action.

Some 500 students from China may visit the United States this year and about 1,000 the following year, according to Wang Jen-ch'uan, deputy chief of the Office of Foreign Affairs for the Chinese Academy of Sciences. Wang was interviewed while visiting the University recently with a delegation of Chinese geographers.

Negotiations for exchange programs are taking place at both the governmental level and between specific institutions that want to exchange students, Wang said. The Chinese Academy of Sciences, for example, is free to negotiate an exchange program independent of the governments.

Both formal participation through the government and informal contacts that University of Minnesota faculty or departments can make on their own are being encouraged, according to LaVern Freeh, the University's director of international programs.

The Chinese Academy of Sciences, which includes 70 scientific research institutes, recently completed an exchange agreement with Stanford University under which six Chinese scientists will begin study on the California campus this fall.

"There seems to be substantial willingness to have Chinese scholars both send and receive personal invitations," said Douglas P. Murray, director of Stanford's U.S.-China relations program.

Stanford University spokesmen said that their exchange agreement was under negotiation by the time President Carter sent his science adviser Frank Press to China last summer to negotiate the scientific exchange program between the two countries.

The heads of several American universities and other educational organizations met recently in Washington to work out the details and discuss the problems that will have to be solved in a government-sponsored exchange.

Henry Koffler, vice president for academic affairs at the University of Minnesota, attended the meeting and said that Minnesota's chances of attracting Chinese students are good. "The University of Minnesota because of its strengths in the

(MORE)

areas that the Chinese are interested in and because of its strong international focus is a likely place for some of the students to study," he said.

Chun-jo Liu, University professor of East Asian languages, said that the Chinese want more information about the University of Minnesota before they decide to send students here.

Liu recently met with a Chinese delegation in Washington at a dinner honoring the President of Peking University, Chou Pei-yuan, whom she had known during World War II. She said the Chinese seem most interested in chemical engineering, agriculture, entomology, wildlife, plant genetics, medicine, pharmacy, and English as a second language.

"My suggestions about attending the University were very well received and Minnesota is now on their minds," she said. "It would be good if they received more specific information about our strong programs."

The University administration is compiling general information to send to the Chinese liaison office in Washington, and Freeh has appointed Liu to a working group which will poll the faculty for suggestions for the program and an assessment of how they could contribute to an exchange if they desired.

Informal contacts, such as Liu's visit with President Chou, may be more important in getting Chinese students than the discussions among American officials in higher education at a national level.

Another such contact was made last summer when Huai-chang Chiang, professor of entomology, fisheries and wildlife, met with three graduates of his department who head institutes that study entomology in China. Chiang's trip to China last summer was his second visit there. "They were very much interested in getting in contact with U.S. scholars and asked whether the University could accommodate their entomologists," he said. "This was before the government had announced that they planned an exchange program."

Chinese students were invited to the University this month by Wenda Moore, chairwoman of the Board of Regents who left Oct. 19 for a two-week visit to China. "The principal purpose of my trip will be to explore the possibility of having Chinese students come to the University of Minnesota," she said at the October board meeting.

The board then passed without dissent a proposal that her invitations become official actions of the board. This motion was made by Regent David Lebedoff, a Minneapolis author and attorney who has been to China. "I don't think that there's a program anywhere in our foreign policy as important as the advent of Chinese students coming here," Lebedoff said.

Talk of the exchange was the occasion for signals to be sent both ways through speeches and toasts when the Chinese Geographical Delegation of the Chinese Academy

of Sciences visited the Twin Cities recently for two days as guests of the University's geography department. Lebedoff and Fred Lukermann, dean of the College of Liberal Arts, spoke to the delegation before a dinner of walleyed pike and wild rice at the Campus Club on the Minneapolis campus.

"We welcome our present visitors and we hope that there are thousands more coming to the United States," Lukermann said. "We don't see this as just a technical visit; we see this as a bond of friendship. We obviously think of more Chinese coming to the United States and of our faculty and our students going to the People's Republic," he said.

"No part of the United States," Lebedoff said, "is as similar in spirit and attitude to China as is Minnesota. Like our friends in China, we pay respect to what I would call the rural virtues: hard work, self-respect and respect for the family. Nothing would be more pleasing to the students and faculty of the University of Minnesota than to have students from the People's Republic of China studying here," he said.

Huang Ping-wei, leader of the delegation and director of the Institute of Geography of the Chinese Academy of Sciences in Peking, responded that he would do his best to influence the decision in Minnesota's favor.

"We learned a great deal here today from our colleagues in the department of geography," he said. The delegation members, he added, were also impressed with the University's agricultural programs, chemical engineering department and the taconite process for the separation of iron from low-grade ore.

"The delegation members are convinced that Minneapolis is the most beautiful city they've seen," Huang said. And, he said, "It would be beneficial to us to learn the teaching of agriculture and the use of iron ore.

"China is an old country with a population that is one-fifth of the world's population but it is also a developing country. Chinese civilization is the property of the entire world, particularly the good aspects of our civilization," he said. "As Chairman Mao said, China is a poor country but we are determined to build China into a modern country," Huang said.

These mutual interests--China in western technology and western scholars in Chinese civilization and culture--could provide the basis for the exchanges.

-UNS-

(AC,1,8,9,13;B1,5,10;CO,1,15;DO,1,15;E13,15)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
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OCTOBER 30, 1978

NEWS PEOPLE: For further information  
contact PAUL SCHURKE, (612) 373-5193

U OF M PROGRAMS DISPENSE  
DRUG AND POISON INFORMATION

(FOR IMMEDIATE RELEASE)

Consumers can find drug and poison information as close as their phone through the Drug Information Service Center (DISC) and the Poison Information Center, two free services sponsored in part by the University of Minnesota College of Pharmacy.

At DISC, pharmacy students armed with the state's most complete library on alcohol and drugs monitor a consumer hotline. The volunteers answer questions about over-the-counter, prescription and illicit drugs.

Concerns about drug effects, side effects and overdoses and the compatibility of drugs with pregnancies, alcohol and various foods typify the kind DISC handles, said center librarian Meg Panzarella.

Consumers with more serious concerns and those seeking medical advice are encouraged to contact their doctors, she said. "We are not a counseling center," she said. "We'd rather give straight answers."

The DISC library also includes a speakers bureau. Talks, slide presentations and films on topics that include the use and abuse of prescription and non-prescription drugs, drugs and the elderly, drugs and pregnancy, drugs and the schools, venereal disease, and contraception are available for community groups.

Other services at DISC are a computer data base to assist researchers in using the DISC's collection of books and journals and a monthly newsletter containing abstracts of current drug literature.

The Poison Information Center, co-sponsored by the College of Pharmacy and the Hennepin County Medical Center, is a 24-hour service that provides poison treatment information to the public and health professionals.

(MORE)

Last year, more than 19,000 calls were received, many from consumers seeking immediate advice on how to deal with a home poisoning, said director Ed Krenzelok. "Eighty percent of these situations could be handled by prescribing a glass of milk and offering a tincture of reassurance," he said. With others, induction of vomiting was advised. Only 10 percent of the callers were referred to emergency rooms. "The program can help prevent many unnecessary hospitalizations and trips to emergency rooms," Krenzelok said.

One of the center's highlights is its community information program. Staff members distribute poisoning prevention literature and home poison checklists and promote Mr. Yuk, the grimacing character that is replacing the skull and cross bones on medicine and poison containers.

They also offer an innovative poison awareness presentation for pre-school-aged children. Emphasis is on the variety of forms that poison can take such as solids, liquids, sprays and invisibles, Krenzelok said.

The poison information center, which is open around the clock, can be reached at (612) 347-3141. The center's address is 701 Park Ave., Minneapolis, MN 55415.

DISC is open from 8:30 a.m. to 4:30 p.m. Monday through Friday. The phone number is (612) 376-7190. DISC is located at 32 Appleby Hall, College of Pharmacy, 128 Pleasant St. S.E., University of Minnesota, Minneapolis, MN 55455.

-UNS-

(AO,22,23,24,25;B1,4,5;CO,5)

(FOR RELEASE ANYTIME)

Feature story from the  
University of Minnesota  
News Service, S-68 Morrill Hall  
100 Church St. S.E.  
Minneapolis, Minnesota 55455  
Telephone: (612) 373-5193  
November 1, 1978

IF YOU'VE SEEN ONE BUSINESSMAN  
YOU HAVEN'T SEEN THEM ALL

By Jeanne K. Hanson  
University News Service

Business executives in the United States, Japan, Australia, India, and Korea have more in common than their nationalities might indicate, according to a 10-year study of the personal values of 2,500 managers in five countries.

The study was conducted by George England, professor of business and psychology at the University of Minnesota, Twin Cities. England found that managers in the five countries studied are more like each other in their values than are managers and blue-collar workers in the United States.

The successful managers in the countries studied are most similar, England said. They are pragmatic and willing to do what works best, whether that is remodeling the employee cafeteria, taking risks, or placing a bribe to get a contract.

National differences between managers are also worth noting, England said. For example, Japanese managers are undergoing rapid change in values, Indian managers are the most moralistic, Australian managers place a relatively low value on maximizing profit, and Korean managers are trying to be more egalitarian, he said.

The study divided all of the experienced top and middle managers from companies of all sizes into three groups, based on their answers to 66 questions about their personal goals, general values, goals of their organizations, and groups of people involved in their organizations. The managers were classified as either predominantly pragmatic, moralistic, or oriented towards feelings, England said.

In all five countries, the pragmatic managers tend to be more dynamic, more willing to take risks, and more oriented towards achievement. They also earn the most money at various career stages.

(MORE)

The moralistic managers, who see value choices more in terms of right and wrong, tend to be more passive and well-entrenched in their organizations. The least successful managers in terms of both money and job satisfaction are those oriented towards feelings, England said.

These value groupings were then checked for their impact on the managers' actual behavior by statistical cross-checks. For example, most managers rated employee welfare as highly important, but only half of these managers also fit that value into their pragmatic approach to values in general.

Several key differences by country emerged from the study. A generation gap in managerial values is most pronounced in Japan and is barely perceptible in India, indicating quite different potential for change in the two countries. Japanese managers are more consistently pragmatic than their American counterparts. They value company size and growth, personal achievement, and competence especially highly.

Australian and Indian managers are more moralistic than their international colleagues and place a lower value on organizational change. They are also less competitive and less likely to take risks, though there are significant geographical differences between managers. Korean managers, like their Indian counterparts, place little importance on the interaction of categories of employees, such as unions and staff and line managers, England said.

These differences are amazingly stable, he said. From 1966 to 1976, there were virtually no changes in basic managerial values, despite all of the intervening events.

But some change is on the horizon, England said. Members of the younger generation in all five countries place less importance on organizational goals and groups of people and more emphasis on themselves, valuing money, ambition, and risk more, and trust and honor less.

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NOVEMBER 2, 1978

NEWS PEOPLE: For further information  
contact BOB LEE, (612) 373-5830

MINNESOTA LIONS, U OF M  
TO DEDICATE CHILDREN'S EYE CLINIC

(FOR IMMEDIATE RELEASE)

The Minnesota Lions Children's Eye Clinic and new ophthalmology facilities will be dedicated Thursday, Nov. 9 in the University of Minnesota Hospitals Clinic Building.

The clinic, built with \$300,000 raised by the Lions of Minnesota Multiple District 5M, is located on the ninth floor of Unit B/C on the Minneapolis campus. The ophthalmology department, headed by Dr. John Harris, will be the first medical department to occupy the new building.

Governors and clinic board members from the 11 Lions districts in Minnesota will tour the facilities at 10:30 a.m. After lunch in the Campus Club a dedication program will begin at 2:15 p.m. in Mayo Memorial Auditorium.

Since 1961 Minnesota Lions have raised more than \$1 million for the Minnesota Lions Eye Bank and the ophthalmology department. Thousands of patients have received new sight through corneal transplants made possible by the Lions Eye Bank.

-UNS-

(AO, 22, 23, 24; B1, 4, 5; CO, 5)

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NOVEMBER 2, 1978

NEWS PEOPLE: For further information  
contact JEANNE K. HANSON, (612) 373-7517

U OF M TO HOST  
SESSION ON ELDERLY

(FOR IMMEDIATE RELEASE)

People who work with the elderly are invited to a University of Minnesota Senior Workers Conference Friday, Nov. 10, at the Sheraton Motor Inn in Bloomington from 8 a.m. to 4 p.m.

Dr. Carl Eisdorfer, acting director of the Institute on Aging at the University of Washington, Seattle, will be the main speaker. Topics to be covered include death and bereavement, sexuality and the elderly, cultural differences among older people, spiritual needs of the elderly, depression, and "burn-out" in working with the elderly. The registration fee is \$16. To register, contact the Department of Conferences, 221 Nolte Center, 315 Pillsbury Dr. S.E., University of Minnesota, Minneapolis, MN 55455, or call (612) 373-0064.

-UNS-

(AO,19;B1,8)

UNIVERSITY OF MINNESOTA  
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NOVEMBER 2, 1978

UNIVERSITY OF MINNESOTA, TWIN CITIES, CULTURAL EVENTS

Nov. 5-11

- Sun., Nov. 5---University Gallery: Selections from the permanent collection. Northrop Aud. 11 a.m.-4 p.m. Mon., Wed. and Fri.; 11 a.m.-8 p.m. Tues. and Thurs.; 2-5 p.m. Sun. Through Dec. 13. Free. ("The Art of Russia: 1800-1850" at Landmark Center in St. Paul, through Dec. 6.)
- Sun., Nov. 5---St. Paul Student Center: Watercolors by Marija Skutans Netz. North Star gallery. 8 a.m.-10 p.m. Mon.-Fri.; noon-11 p.m. Sat. and Sun. Through Nov. 30. Free.
- Sun., Nov. 5---University Theatre: "Love's Labor's Lost" by William Shakespeare. Stoll thrust theater, Rarig Center. 3 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Sun., Nov. 5---Theater: "The Lower Depths" by Maxim Gorky. Experimental theater, Rarig Center. 3 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Sun., Nov. 5---University Film Society: "Cousin Angelica." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.50.
- Sun., Nov. 5---Whole Coffeehouse: Lazy Bill Lucas and Butch Thompson. Coffman Union. 7:30 p.m. \$3, students \$2.
- Sun., Nov. 5---Film: "Three Women." Theater-lecture hall, Coffman Union. 8 p.m. \$2, students \$1.50.
- Sun., Nov. 5---Recital: Bernhard Weiser, piano. Northrop Aud. 8 p.m. Free.
- Mon., Nov. 6---Goldstein Gallery: Fiber forms by Kae Jung Kwak. McNeal Hall. 8:30 a.m.-4:30 p.m. Mon.-Fri. Through Nov. 10. Free.
- Mon., Nov. 6---University Gallery: MFA exhibition by Rochelle Feinstein. Northrop Aud. 11 a.m.-4 p.m. Mon., Wed. and Fri.; 11 a.m.-8 p.m. Tues. and Thurs.; 2-5 p.m. Sun. Through Nov. 17. Free.
- Mon., Nov. 6---Lecture: "Star of Bethlehem" by Karlis Kaufmanis. Great Hall, Coffman Union. 12:15 p.m. Free.
- Mon., Nov. 6---University Film Society: "The Lady With the Dog." Bell Museum of Natural History aud. 7:30 and 9:15 p.m. \$2.25.
- Tues., Nov. 7---Film: "The Candidate." Theater-lecture hall, Coffman Union. 7 p.m. Free.
- Tues., Nov. 7---Lecture: "19th-Century Russian Art" by John Bowlt. 125 Willey Hall. 8 p.m. Free.

(OVER)

- Tues., Nov. 7---Theater: "Chekhov's Comic Spirit." Stoll thrust theater, Rarig Center. 8 p.m. Free.
- Wed., Nov. 8---Theater: "Chekhov's Comic Spirit." Stoll thrust theater, Rarig Center. 5:30 and 8 p.m. Free.
- Wed., Nov. 8---University Film Society: "Macunaima," 7:30 p.m.; "The Priest and the Girl," 9:30 p.m. Bell Museum of Natural History aud. \$2.25.
- Thurs., Nov. 9---Film: "Singin' in the Rain" and "The Selfish Giant." 310 Anderson Hall. 2:30 and 7:30 p.m. Admission.
- Thurs., Nov. 9---Film: "Bush Mama." Theater-lecture hall, Coffman Union. 7:30 and 9:30 p.m. \$1.
- Thurs., Nov. 9---University Film Society: "Conjugal Warfare," 7:30 p.m.; "The Conspirators," 9:30 p.m. Bell Museum of Natural History aud. \$2.25.
- Thurs., Nov. 9---University Theatre: "Love's Labor's Lost" by William Shakespeare. Stoll thrust theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Thurs., Nov. 9---Theater: "The Lower Depths" by Maxim Gorky. Experimental theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Fri., Nov. 10---Film: "American Grafitti." North Star Ballroom, St. Paul Student Center. 7:30 and 9:30 p.m. \$1.50, students \$1.
- Fri., Nov. 10---Film: "Looking for Mr. Goodbar." Theater-lecture hall, Coffman Union. 7:30 and 10 p.m. \$2, students \$1.50.
- Fri., Nov. 10---University Film Society: "Illustrious Corpses." Bell Museum of Natural History aud. 7:30 and 9:45 p.m. \$2.50.
- Fri., Nov. 10---Punchinello Players: "Hay Fever" by Noel Coward. North Hall theater. 8 p.m. \$2.50, students \$2. Tickets on sale at North Hall ticket office.
- Fri., Nov. 10---University Theatre: "Love's Labor's Lost" by William Shakespeare. Stoll thrust theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Fri., Nov. 10---Theater: "The Lower Depths" by Maxim Gorky. Experimental theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Fri., Nov. 10---Whole Coffeehouse: Yusef Lateef. Coffman Union. Doors open at 8:30 p.m. \$4.50. Tickets on sale at the door, Wax Museums and MSA TOO.
- Sat., Nov. 11---Film: "American Grafitti." North Star Ballroom, St. Paul Student Center. 7:30 and 9:30 p.m. \$1.50, students \$1.

(MORE)

- Sat., Nov. 11---Film: "Looking for Mr. Goodbar." Theater-lecture hall, Coffman Union. 7:30 and 10 p.m. \$2, students \$1.50.
- Sat., Nov. 11---University Film Society: "Illustrious Corpses." Bell Museum of Natural History aud. 7:30 and 9:45 p.m. \$2.50.
- Sat., Nov. 11---Minnesota Dance Theatre: Tributes to Russian dance. Northrop Aud. 8 p.m. \$4.50-\$8, students \$3-\$6.50. Tickets on sale at Northrop ticket office, Dayton's and Donaldson's.
- Sat., Nov. 11---Punchinello Players: "Hay Fever" by Noel Coward. North Hall theater. 8 p.m. \$2.50, students \$2. Tickets on sale at North Hall ticket office.
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-UNS-

(AO;B1;F2)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
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MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 3, 1978

NEWS PEOPLE: For further information  
contact JUDY VICK, (612) 373-7515

'U' VISITING PROF NOMINATED  
FOR NATIONAL HUMANITIES COUNCIL

(FOR IMMEDIATE RELEASE)

Jacob Neusner, visiting Hill professor in the University of Minnesota, Twin Cities, department of Near and Middle Eastern studies, has been nominated by President Carter to serve a six-year term on the National Council for the Humanities.

The appointment is subject to confirmation by the U.S. Senate.

Neusner, University professor, Ungeleider Distinguished Scholar of Judaic Studies, and professor of religious studies at Brown University in Providence, R.I., is spending the fall quarter teaching at Minnesota. An internationally known historian of Judaism, scholar and author, he is a former president of the American Academy of Religion.

The 27-member National Council for the Humanities is the governing board of the National Endowment for the Humanities.

-UNS-

(AO,33;B1;CO)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 3, 1978

NEWS PEOPLE: For further information  
contact JUDY VICK, (612) 373-7515

MORRISON ART WORKS  
AT MACALESTER COLLEGE

(FOR IMMEDIATE RELEASE)

A large collection of rubbings by University of Minnesota artist George Morrison is now on exhibit through Nov. 19 in the Janet Wallace Fine Arts Center of Macalester College, St. Paul.

Morrison, who is a member of the Grand Portage band of the Minnesota Chippewa tribe, is widely known for his massive wood relief collages. The rubbings have been made by rubbing different colored crayons on papers placed over the collages, capturing the grain and texture of the wood.

"Impressions" is the title of the exhibition which includes about 150 works.

The rubbings represent the "broadness of the landscape in terms of the rocks, ocean, land, sky and earth," Morrison said. "They are fragments of that one big work. They are fragments of a landscape."

The works, each one individually executed, are an extension of the collages, he said. "They show more of the intricacy of the wood than you can see from just looking at the collage," he said.

Morrison, 59, has been a member of the University studio arts faculty since 1970. He attended the Minneapolis School of Art (Minneapolis College of Art and Design) and in 1969 was awarded an honorary master of fine arts degree. He has also attended the Art Students League, New York, and the University of Aix-Marseille, Aix-En-Provence, France. He is the recipient of a Fulbright scholarship and a John Hay Whitney fellowship.

Before coming to Minnesota he lived and worked in New York City for 20 years and taught at the Rhode Island School of Design for seven years. His works are in many private, corporate and institutional collections, including the Whitney Museum of American Art in New York, Philadelphia Museum of Art, the Minneapolis Institute of Arts and Walker Art Center.

-UNS-

(AO,2,10;B1;C2;E10,31)

UNIVERSITY OF MINNESOTA  
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100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 3, 1978

NEWS PEOPLE: For further information  
contact RONAELE SAYRE, (612) 373-7516

CLASSICAL MUSIC OF SOUTH INDIA  
TO BE FEATURED AT U OF M

(FOR IMMEDIATE RELEASE)

A concert of classical music of South India, featuring the well-known flutist Ramani, will be held Wednesday (Nov. 8) at 8 p.m. in Mayo Auditorium at the University of Minnesota, Twin Cities.

Tickets are \$5 for the general public and \$3 for students, and will be sold at the door.

The event is sponsored by the Department of South Asian Studies, the Indian Music Society, the Indo-American Association and the South Asian Music Students Association.

-UNS-

(AO,2;B1)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 6, 1978

NEWS PEOPLE: For further information  
contact JUDY VICK, (612) 373-5193

TWO ONE-ACTS AT RARIG CENTER

(FOR IMMEDIATE RELEASE)

Two lively one-act plays by Peter Shaffer, "The White Liars" and "Black Comedy," will open Friday, Nov. 17, in the Whiting proscenium theater of Rarig Center at the University of Minnesota, Twin Cities.

The playwright has called them "...a complete evening's entertainment on the theme of tricks."

Director Arnold Buck Ross, a graduate student from New Jersey, says they are "written not only with amazing craftsmanship but also with great love for the characters who inhabit them."

Leading roles in "The White Liars" are played by Linda Ann Gehringer, a graduate student from Dearborn, Mich., as Sophie (the Baroness), and John Bjostad, a senior from Columbia Heights, as Tom.

In "Black Comedy" Stephen DiMenna, a junior from Wheeling, Ill., plays Brindsley, and Susan Berkson, a graduate student from Michigan City, Ind., is cast as Carol.

Both plays are set in contemporary England.

Performances will be at 8 p.m. Thursdays, Fridays and Saturdays and at 3 p.m. Sundays through Dec. 3. There will be no Thursday performance on Thanksgiving, Nov. 23. An additional performance is set for 8 p.m. Wednesday, Nov. 22.

Tickets are on sale at Rarig Center, Dayton's and Donaldson's. Admission is \$4 for the general public and \$3 for students and senior citizens.

-UNS-

(AO, 2, 30; B1; CO, 2)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 6, 1978

NEWS PEOPLE: For further information  
contact PAUL SCHURKE, (612) 373-5193

EARTH-SHELTERED HOUSING CONFERENCE  
SET FOR U OF M THIS WEEK

(FOR IMMEDIATE RELEASE)

"Going Under To Stay on Top," a conference to present practical aspects of earth-sheltered housing, will be held at the University of Minnesota, Twin Cities, Friday and Saturday (Nov. 10 and 11).

Sponsored by the Underground Space Center at the University, the conference will present aspects of earth-sheltered construction such as building code restrictions, bank loan policies, energy-use comparison with conventional homes, construction details and interior and exterior design.

Malcolm Wells, noted architect and author of "Underground Design," is the featured speaker. Other speakers include Jerry Allan of Criteria, Inc., Mary Tingerthal of the Minnesota Housing Finance Agency, Richard Schneider of Northwestern National Bank, housing consultant Susan Taylor, home economist Jean Ireland, interior designer Harry Sucksdorff, Space Center director Ray Sterling, and mechanical engineer Thomas Bligh.

The conference, which is open to the public, begins at 7:30 p.m. Friday and concludes the following day at 5 p.m. Participants may register in advance or at the door in Willey Hall on the West Bank. For more information contact the Underground Space Center, 376-5341.

The conference is the first in a year-long series on various topics relating to earth-sheltered construction.

-UNS-

(AO,4,18;B1)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 6, 1978

NEWS PEOPLE: For further information  
contact BILL HUNTZICKER, (612) 373-7512

MEMO TO NEWS PEOPLE

Three special meetings have been added to the regular agenda of the monthly Board of Regents meeting this week at the University of Minnesota.

Faculty leaders will meet with the board at 6 p.m. Wednesday (Nov. 8) at the Twins Motor Lodge in St. Paul. The faculty consultative committee, which has been discussing the possibility of University program cuts and reallocation of funds, will meet with the board. Concerns about the respective roles of faculty members and regents in a future of non-growth may be one subject of discussion.

The regents will convene again Thursday morning to discuss the proposed \$100 million request for new buildings and remodeling which will go to the 1979 and 1980 sessions of the legislature. The special meeting is scheduled for 10 a.m. in the regents' room, 238 Morrill Hall, on the Minneapolis campus.

The third special meeting of the board will be at 6 p.m. Thursday at a dinner with the University Hospitals Board of Governors in the Campus Club on the fourth floor of Coffman Union.

Regular committee meetings will be Thursday afternoon. The board will meet as a committee of the whole at 8:30 a.m. and convene its regular monthly meeting at 10:30 a.m. Friday in the regents' room.

The Thursday committees will meet as follows:

- physical plant and investments, 1:15 p.m., 238 Morrill Hall;
- faculty and staff affairs, 1:15 p.m., 300 Morrill Hall;
- student concerns, 3:15 p.m., 238 Morrill Hall;
- educational policy and long-range planning, 3:15 p.m., 300 Morrill Hall.

Among the subjects to be discussed are mandatory faculty retirement age, the proposed Minneapolis campus heating plant which would generate electricity, a one-year report on safety policies on the use of recombinant DNA in research, and the administration's response to Duluth student complaints last month about disturbances in the dormitories.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
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NOVEMBER 6, 1978

NEWS PEOPLE: For further information  
contact BILL HUNTZICKER, (612) 373-7512

REGENTS TO DISCUSS  
PROPOSED 'U' BUILDINGS

(FOR IMMEDIATE RELEASE)

The proposed \$100 million request for building construction and remodeling that the University of Minnesota may take to the 1979 and 1980 sessions of the legislature will be the subject of a special meeting of the Board of Regents at 10 a.m. Thursday (Nov. 9) in the regents' room, 238 Morrill Hall.

When he presented the proposal to the board last month, University President C. Peter Magrath said the request was unusually large because the 1978 session approved the early stages of a number of projects.

"A number of major capital improvement projects were approved at various planning stages in 1978," Magrath said, "and, following the normal schedule of planning, working drawings, and construction of renovation activities, these projects would add up to very large appropriations in the 1979 and 1980 sessions."

At the request of Regent Lloyd Peterson, the board will hear presentations from the people who would occupy two proposed buildings on the St. Paul campus. The requested buildings are a \$12 million large-animal hospital and a \$13.8 million structure to house the departments of agronomy and plant genetics, plant pathology and soils science.

The proposed request includes \$5.8 million for remodeling East Bank campus buildings and \$16.5 million for a new civil and mineral engineering building on the Minneapolis campus.

A proposed \$12.4 million music building for which the 1978 Legislature provided planning money is not included in the request.

Magrath said that the request will be delayed while the music department explores the possibility of locating a new facility on the river bank and obtaining private grants to supplement the additional costs. "Both are exciting ideas which warrant serious consideration, but they will take time," he said.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 7, 1978

NEWS PEOPLE: For further information  
contact BOB LEE, (612) 373-5830

U OF M DROPS B.S. DEGREE IN PHARMACY,  
ADDS DOCTOR OF PHARMACY DEGREE

(FOR IMMEDIATE RELEASE)

The College of Pharmacy at the University of Minnesota will discontinue its bachelor of science in pharmacy degree program and expand its patient-oriented doctor of pharmacy (Pharm D) degree program.

No students will be admitted to the bachelor of science degree program after the fall quarter of 1980, and in 1985 the professional Pharm D degree could become the minimum entry-level degree for pharmacy practice in Minnesota. Currently only 50 of the 2,200 practicing pharmacists in the state have a Pharm D degree.

Lawrence Weaver, pharmacy dean, explained, "Rapid changes in health services have increased the demand for broader, more sophisticated pharmaceutical services.

"By focusing on the clinical component of pharmacy education the College will be producing pharmacists who will be more involved in advising patients and other health professionals."

The Pharm D degree requires two years of pre-pharmacy instruction and four years of academic and clinical instruction in professional coursework. The first all-Pharm D class will graduate in 1985.

A clinical patient-oriented program started by the College in 1967 offered training in hospitals, clinics, extended care facilities, and pharmacies. The Pharm D program began in 1971 to formally prepare "therapeutic consultants."

The future Pharm D program initially will offer four specializations: therapeutic consultant, nuclear pharmacist, primary care (community) pharmacist, and a combined Pharm D-master of business administration degree.

"Prior to 1967 pharmacy students acquired a great deal of knowledge about drugs and almost nothing about disease processes, therapy and drug interactions. We added

(MORE)

the clinical component but there just wasn't enough time in the bachelor of science curriculum for practice situations to build the students' confidence, knowledge and attitude," Weaver said.

While the move to a Pharm D curriculum was supported by the College faculty and the Minnesota State Pharmaceutical Association House of Delegates, the Pharm D movement has not received unanimous support nationally.

The American Pharmaceutical Association, the American Society of Hospital Pharmacists and the American College of Apothecaries have supported Pharm D education as an entry-level requirement while the National Association of Chain Drug Stores, the National Association of Retail Druggists, the National Wholesale Drug Association, and the American Association of Colleges of Pharmacy are opposed.

Nationally three schools of pharmacy already offer a Pharm D program only; another 20 schools offer a Pharm D option; four schools are planning a curriculum change like the University's, and Weaver expects others to follow within a few years.

Weaver said there is an increasing demand for Pharm D graduates based in part on the increasing use of prescription and over-the-counter drugs by the public: "All pharmacists want to assure the safe and effective use of all drugs.

"The Pharm Ds now practicing in hospitals and community pharmacies have been accepted by a large segment of health care professionals," Weaver said.

Pharmacists already practicing with a bachelor of science in pharmacy degree will have an opportunity to earn a Pharm D degree through a program under development in the College.

-UNS-

(AO, 22, 23, 24, 25; B1; E25)

UNIVERSITY OF MINNESOTA  
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100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 7, 1978

NEWS PEOPLE: For further information  
contact BILL HUNTZICKER, (612) 373-7512

U OF M CONFERENCE TO DISCUSS  
CHANGES IN CHINA RELATIONS

(FOR IMMEDIATE RELEASE)

Student exchange programs between the United States and the People's Republic of China and their impact on the balance of power in Asia will be among the subjects discussed at a one-day conference Monday (Nov. 13) at the University of Minnesota.

"USA-China-USSR: New Moves on the Northeast Asia Chess Board" is the title of the conference which begins at 8:30 a.m. at the Earle Brown Center for Continuing Education on the St. Paul campus.

Norris P. Smith, who has been working on the U.S.-China exchange program, will be the luncheon speaker at noon. Smith, who will discuss the changing relationships between the countries, is deputy director of the East Asia/Pacific Affairs Bureau of the International Communication Agency.

Normalization of relations between the U.S. and China will be discussed at 9 a.m. by John E. Turner, Regents' Professor of Political Science at the University of Minnesota.

His talk will be followed by "Two Chinas: Why Not Both?" by Ray S. Cline, executive director of the Georgetown University Center for Strategic and International Studies.

Willard C. Matthias, retired State Department and CIA analyst, will discuss questions raised by the issue of giving China access to modern technology, including arms.

His talk will be followed by discussion groups led by faculty members from the University, Macalester College and Augsburg College.

Cost of the conference is \$20, which includes materials, luncheon and refreshment breaks. Students can attend for \$5, which doesn't include the lunch.

Registration can be completed by calling Joe Kroll, program director, at 373-3685.

-UNS-

(A0,13;B1,8)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 8, 1978

NEWS PEOPLE: For further information  
contact BOB LEE, (612) 373-5830

MEMORIAL TRIBUTE TO  
KATHARINE DENSFORD DREVES  
SET FOR NOV. 18

(FOR IMMEDIATE RELEASE)

A memorial tribute to Katharine Densford Dreves, director of the University of Minnesota School of Nursing from 1930 to 1959, will be held at 1 p.m. Saturday, Nov. 18, in Willey Hall on the West Bank campus.

Mrs. Dreves, honored often for her professional and community activism, died Sept. 28 at the age of 87. She was director of the school longer than anyone else and during her 29 years shaped a modern professional curriculum and faculty.

After her retirement she remained active in nursing as a consultant and raised money to support nursing research. Memorial gifts may be made to the School of Nursing Foundation for projects to which Mrs. Dreves was committed: the Katharine Densford Dreves Scholarship Fund, the Carl A. and Katharine Densford Dreves Research Fund, and an Endowed Chair for Nursing Research. The Foundation's address is 3313 Powell Hall, 500 Essex St. S.E., Minneapolis, MN 55455.

-UNS-

(B1,4,5)

UNIVERSITY OF MINNESOTA  
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NOVEMBER 8, 1978

NEWS PEOPLE: For further information  
contact JUDY VICK, (612) 373-7515

NEUSNER TO LECTURE  
ON 'TALMUD AS HISTORY'

(FOR IMMEDIATE RELEASE)

Jacob Neusner, visiting Hill professor of Judaic studies at the University of Minnesota, Twin Cities, will present the Hill lecture in Judaic studies Wednesday, Nov. 15, at 8:15 p.m. in Willey Hall on the Twin Cities campus West Bank.

Neusner's topic will be "The Talmud as History." The event is open to the public with no admission charge.

Neusner, University professor, Ungeleider Distinguished Scholar of Judaic Studies, and professor of religious studies at Brown University in Providence, R.I., is spending the fall quarter teaching at Minnesota in the department of Near and Middle Eastern studies.

An internationally known historian of Judaism, scholar and author, he is a former president of the American Academy of Religion. He has lectured throughout the United States, Europe, Asia and Africa.

Recently President Carter nominated Neusner, 46, to serve a six-year term on the National Council for the Humanities.

-UNS-

(AO,3,13,33;B1;CO,3)

UNIVERSITY OF MINNESOTA  
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100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 8, 1978

NEWS PEOPLE: For further information  
contact JUDY VICK, (612) 373-7515

MINORITY EMPLOYMENT IN MEDIA  
TOPIC OF U OF M SYMPOSIUM

(FOR IMMEDIATE RELEASE)

Minority employment in the news media will be discussed at the annual "WCCO Day" symposium Wednesday, Nov. 15, at the University of Minnesota, Twin Cities.

Speaking at the day-long event will be Jay T. Harris, author of the report "Minority Employment in Daily Newspapers" and assistant dean of the Medill School of Journalism, Northwestern University; Darryl Dillingham, director of the Office of Community Affairs for the National Association of Broadcasters; and Laura Waterman Wittstock, president of Migizi Communications, Inc., and former director of the American Indian Press Association.

Twin Cities area journalists will respond to the speakers' remarks.

The day will begin at 9 a.m. in Murphy Hall and will end about 4 p.m. All sessions are open to the public with no admission charge.

The annual symposium, dealing with issues of continuing importance to minority groups and the media, is co-sponsored by the University School of Journalism and Mass Communication and Midwest Radio and Television, Inc., parent company of the WCCO broadcast stations.

Five years ago Midwest and the School of Journalism established the WCCO Scholarship Fund for Minorities in Broadcasting. The symposium is an effort to address some of the specific concerns of the program's students.

-UNS-

(AO, 8, 9, 10, 11, 20; B1; CO, 10, 11)

UNIVERSITY OF MINNESOTA  
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100 CHURCH ST. S.E.  
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TELEPHONE: (612) 373-5193  
NOVEMBER 9, 1978

UNIVERSITY OF MINNESOTA, TWIN CITIES, CULTURAL EVENTS  
Nov. 12-18

- Sun., Nov. 12---University Gallery: MFA exhibition by Rochelle Feinstein, through Nov. 17; and selections from the permanent collection, through Dec. 13. Northrop Aud. 11 a.m.-4 p.m. Mon., Wed. and Fri.; 11 a.m.-8 p.m. Tues. and Thurs.; 2-5 p.m. Sun. Free. ("The Art of Russia: 1800-1850" at Landmark Center in St. Paul, through Dec. 6.)
- Sun., Nov. 12---St. Paul Student Center: Watercolors by Marija Skutans Netz. North Star Gallery. 8 a.m.-10 p.m. Mon.-Fri.; noon-11 p.m. Sat. and Sun. Through Nov. 30. Free.
- Sun., Nov. 12---Concert: University Marching Band. Northrop Aud. 3 p.m. \$3.50, students \$2.50. Tickets on sale at Northrop ticket office.
- Sun., Nov. 12---University Theatre: "Love's Labor's Lost" by William Shakespeare. Stoll thrust theater, Rarig Center. 3 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Sun., Nov. 12---Theater: "The Lower Depths" by Maxim Gorky. Experimental theater, Rarig Center. 3 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Sun., Nov. 12---University Film Society: "Illustrious Corpses." Bell Museum of Natural History aud. 7:30 and 9:45 p.m. \$2.50.
- Sun., Nov. 12---Whole Coffeehouse: Open stage. Coffman Union. Doors open at 7:30 p.m. Free.
- Sun., Nov. 12---Film: "Looking for Mr. Goodbar." Theater-lecture hall, Coffman Union. 8 p.m. \$2, students \$1.50.
- Mon., Nov. 13---Coffman Gallery: "Movement and Measurability in Painting" by Joanne Kent, Gallery I; "Drawing and Painting" by Linda Robinson Gordon, Gallery II. 10 a.m.-4 p.m. Mon.-Fri. Through Nov. 17. Free.
- Mon., Nov. 13---Cartoons: "The Phantom Creeps." Theater-lecture hall, Coffman Union. 11:10 a.m. and 1 p.m. 50¢.
- Mon., Nov. 13---Music: Buckacre Band. North Star Ballroom, St. Paul Student Center. Noon. Free.
- Mon., Nov. 13---University Film Society: "Uncle Vanya." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.25.
- Tues., Nov. 14---Film: "Advise and Consent." Theater-lecture hall, Coffman Union. 7 p.m. Free.
- Tues., Nov. 14---University Film Society: "Torre Bela, the Difficult Years." Bell Museum of Natural History aud. 7:30 and 9:45 p.m. \$2.25.

(OVER)

- Tues., Nov. 14---Lecture: "The Mystique of Nauka: Science and Scholarship in the Service of the People" by James McClelland. 125 Willey Hall. 8 p.m. Free.
- Wed., Nov. 15---Lecture: "Star of Bethlehem" by Karlis Kaufmanis. North Star Ballroom, St. Paul Student Center. Noon. Free.
- Wed., Nov. 15---University Film Society: "Uncle Vanya." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.25.
- Thurs., Nov. 16---Film: "Deliverance" and "Solo." 310 Anderson Hall. 2:30 and 7:30 p.m. Admission.
- Thurs., Nov. 16---Film: "Harvest 3,000 Years." Theater-lecture hall, Coffman Union. 7:30 p.m. \$1.50, students \$1.
- Thurs., Nov. 16---University Film Society: "Torre Bela, the Difficult Years." Bell Museum of Natural History aud. 7:30 and 9:45 p.m. \$2.25.
- Thurs., Nov. 16---Theater: "The Lower Depths" by Maxim Gorky. Experimental theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Fri., Nov. 17---Goldstein Gallery: Graduate thesis show. McNeal Hall. 8:30 a.m.-4:30 p.m. Mon.-Fri. Through Dec. 6. Free.
- Fri., Nov. 17---Film: "Coming Home." Theater-lecture hall, Coffman Union. 7:30 and 9:45 p.m. \$2, students \$1.50.
- Fri., Nov. 17---Film: "Smokey and the Bandit." North Star Ballroom, St. Paul Student Center. 7:30 and 9:30 p.m. \$1.50, students \$1.
- Fri., Nov. 17---University Film Society: "The Last Woman." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.50.
- Fri., Nov. 17---Punchinello Players: "Hay Fever" by Noel Coward. North Hall theater. 8 p.m. \$2.50, students \$2. Tickets on sale at North Hall ticket office.
- Fri., Nov. 17---University Orchestra and Symphonic Chorus: Requiem, Opus 72, by Dmitri Kabalevsky. Northrop Aud. 8 p.m. Free.
- Fri., Nov. 17---Theater: "The Lower Depths" by Maxim Gorky. Experimental theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Fri., Nov. 17---Theater: "The White Liars/Black Comedy" by Peter Shaffer. Whiting proscenium theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Fri., Nov. 17---Whole Coffeehouse: Michael Cooney. Coffman Union. Doors open at 8:30 p.m. \$3.50. Tickets on sale at the door, Wax Museums and MSA TOO.
- Sat., Nov. 18---Film: "Coming Home." Theater-lecture hall, Coffman Union. 7:30 and 9:45 p.m. \$2, students \$1.50.
- Sat., Nov. 18---Film: "Smokey and the Bandit." North Star Ballroom, St. Paul Student Center. 7:30 and 9:30 p.m. \$1.50, students \$1.

(MORE)

CALENDAR

-3-

- Sat., Nov. 18---University Film Society: "The Last Woman." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.50.
- Sat., Nov. 18---Punchinello Players: "Hay Fever" by Noel Coward. North Hall theater. 8 p.m. \$2.50, students \$2. Tickets on sale at North Hall ticket office.
- Sat., Nov. 18---Theater: "The Lower Depths" by Maxim Gorky. Experimental theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Sat., Nov. 18---Theater: "The White Liars/Black Comedy" by Peter Shaffer. Whiting proscenium theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Sat., Nov. 18---Whole Coffeehouse: Michael Cooney. Coffman Union. Doors open at 8:30 p.m. \$3.50. Tickets on sale at the door, Wax Museums and MSA TOO.

-UNS-

(AO;B1;F2)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 10, 1978

NEWS PEOPLE: For further information  
contact BILL HUNTZICKER, (612) 373-7512

MEMO TO NEWS PEOPLE

The Cuban minister of higher education, Fernando Vecino Alegret, and a delegation of nine Cuban academic and government officials will visit the University of Minnesota Wednesday and Thursday (Nov. 15 and 16) as part of their tour of the United States.

The Cuban delegation is exploring the possibility of sending students to the University, and University officials are looking into sending students and faculty members to Cuba.

The Cuban group will meet with representatives from agriculture, education, the biological sciences, rural sociology, Spanish, the health sciences, the international student advisor's office, the Institute of Technology, the Center for Youth Development and Research, and the University's coordinate campuses.

Alegret and University President C. Peter Magrath will be available to discuss their visit and plans for the future at a reception with the press at 2:30 p.m. Thursday in the east wing of the campus club, fourth floor of Coffman Union, Minneapolis campus.

The delegation will arrive in the Twin Cities Tuesday night, spend Wednesday morning on the St. Paul campus, and attend a noon luncheon hosted by members of a local delegation who visited Cuba. The Minnesota group that visited Cuba included Congressman Rick Nolan, DFL-Minn., and Vern Freeh, director of University international programs.

The Cuban group will be on the east bank of the Minneapolis campus Wednesday afternoon and Thursday morning. They will attend a luncheon hosted by Magrath Thursday in the terrace room of the Campus Club.

The group will leave Minnesota early Thursday evening.

-UNS-

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 10, 1978

NEWS PEOPLE: For further information  
contact BILL HUNTZICKER, (612) 373-7512

REGENTS SEEK ADDITIONAL  
FUNDS FOR STUDENT AID

(FOR IMMEDIATE RELEASE)

More financial aid for students from middle-income families and the removal of parents' income as a factor in financial aid requests by students who are financially independent from their families have become new goals of the University of Minnesota Board of Regents.

The new policy was adopted by the board at its monthly meeting Friday (Nov. 10).

The regents endorsed the Higher Education Coordinating Board (HECB) request for an additional \$12.1 million from the legislature for student aid over the 1979-81 biennium.

The HECB proposal also requests authority to expand the state-funded work-study program, expand eligibility coverage under the grant-in-aid program, increase the amount of state scholarship and grant awards, and increase the state bonding ceiling for the state student loan program.

The regents also asked the HECB to improve its procedures to avoid situations like the one last year in which the coordinating board turned back \$5 million in unspent student aid funds.

"This action is alarming in light of the many students who have significant need for financial assistance, but are not able to receive aid," the regents' statement said.

The regents asked HECB to improve publicity of available student aid, adopt more flexible deadlines, allow students to transfer their aid when they change colleges, and improve the "need analysis system" to increase eligibility limits and allow students to qualify on the basis of their own income rather than that of their parents.

The University of Minnesota will begin to move in the same directions in its own student aid programs, the regents said.

In presenting the proposed resolution, University President C. Peter Magrath said that the recent federal middle-income student assistance act will increase by two-thirds the number of University students who will qualify for student financial aid.

The family income limit has been increased to \$26,000 and about 10,000 to 12,000 additional Minnesota students will become eligible for student aid.

(MORE)

Regent Robert Latz of Golden Valley said that the new limit may not be enough of an increase, and criticized the amount of state aid which goes to students in private colleges.

"You could probably send two students or more to the University of Minnesota for what it costs to aid one student in a private college," he said.

In other action, Magrath released a 100-page consultant's report which recommends multiple uses of the lakeside Duluth estate of the late Elisabeth Congdon as a conference center, museum and tourist attraction.

Magrath said he would have his recommendations on what the University should do with the 7.6-acre estate prepared for the regents in December, with regents' action to be taken in January.

The report stated that it would require \$1.1 million to renovate the four major buildings on the estate. An immediate investment of \$500,000 was proposed with the remainder to be paid over several years.

The report projected a potential \$222,000 first-year income from public and scheduled tours, resident conferences, overnight guests and other events. Fund-raising would be required for additional support, the report said.

A group of people protesting the University's investment in corporations which do business in South Africa briefly disrupted the regents' meeting.

The chants of about 80 demonstrators in the hallway could be heard inside the room. About 15 of the protestors were allowed into the meeting room.

One of them, Sally Taylor, a recent University graduate from Minneapolis, said she wanted to speak and Magrath ruled her out of order. When she continued talking, a shouting match ensued and Magrath recessed the meeting.

The meeting reconvened five minutes later. Meanwhile, a second group of about 30 remained outside the administration building in a separate demonstration on the same issue.

Both groups were peaceful. There were no arrests.

-UNS-

(A0,1;B1;C0,1;D1)

UNIVERSITY OF MINNESOTA  
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NOVEMBER 10, 1978

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U OF M TO SEEK \$100 MILLION  
IN BUILDINGS AND REMODELING

(FOR IMMEDIATE RELEASE)

The University of Minnesota Board of Regents Friday (Nov. 10) approved a \$100 million request for new buildings and remodeling on the University's five campuses and eight agricultural and forestry research stations.

University President C. Peter Magrath admitted that the request to the 1979 and 1980 sessions of the legislature was large, but explained that a number of the items included had received legislative appropriations for planning money in earlier sessions.

"At times the question is raised as to whether we're unduly fixated with buildings and bricks and mortar. I don't believe that we are," Magrath said. "But I also believe that a University and its faculty, staff and students need reasonable facilities and the facilities are integrated into program needs."

Regent Robert Latz of Golden Valley questioned the priorities listed in the capital request. "All other things being equal, it seems to me that making better use of present facilities should have a more important priority than new construction," he said.

Regent Neil Sherburne of Lakeland said that each building should be considered individually because in some instances it would cost more to renovate existing buildings than it would to build new ones.

Board members spent more than half of their two and one-half hour meeting discussing three buildings proposed for the St. Paul campus. They supported the \$12.5 million request for a large-animal hospital, a \$676,576 second phase of an animal science building, and a \$7 million building for agronomy and plant genetics, plant pathology and soil science.

The request also includes a \$16.5 million request for a new civil and mineral engineering building on the east end of the Minneapolis campus, a \$4 million addition to the business administration tower on the West Bank, and \$3 million for renovating vacated health sciences space for the School of Public Health.

The board also will ask for a \$3 million building for the School of Business and Economics in Duluth, and \$3.4 million for a physical education building and outdoor recreation complex on the Crookston campus.

The proposed music building was not included in the request, Magrath said, because the administration is exploring the possibility of getting grants to put the facility and a proposed outdoor arena for conferences on the west bank of the Mississippi River.

Regents Lauris Krenik of Madison Lake and Lloyd Peterson of Paynesville both withdrew proposed amendments to the request after conversations during a lunch break convinced both men their amendments would lose.

Krenik had proposed a food service and student activities building for the Waseca technical college, and Peterson wanted to tack on an additional \$1.1 million to the veterinary request to pay for renovation of the existing veterinary science building.

-UNS-

(AO, 1; B1; CO, 1; DO, 1)

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NOVEMBER 13, 1978

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BILOTTA RESIGNS  
ALUMNI POST

(HOLD FOR RELEASE, 10 A.M. TUESDAY)

Vincent Bilotta, executive director of the University of Minnesota Alumni Association and director of alumni relations, has resigned his post effective Feb. 28.

Bilotta announced his decision at a meeting of the alumni association executive committee this morning (Nov. 14). He will remain in the position until the alumni office has completed a scheduled move from its St. Paul offices to Morrill Hall on the Minneapolis campus.

In making his announcement, Bilotta said he had accomplished most of the goals he set for himself when he took the job, and now wishes to spend more time with his family than the alumni position allows.

"One of my regrets is leaving one of the best young staffs of alumni professionals in the Big Ten," Bilotta said.

Donald Brown, vice president for finance at the University, said "Vince has done a superior job and has brought some very talented people into the organization and made some creative changes. We are sorry to lose him."

Before his appointment in August 1976, Bilotta was the associate director of the University of Kansas Alumni Association. Since taking the Minnesota job, Bilotta has reorganized the alumni relations staff, strengthened the constituent society programs, changed the alumni publications, and begun a reorganization of Minnesota's alumni chapters throughout the country.

-UNS-

(A12; B1; C0; G1, 2, 3)

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NOVEMBER 13, 1978

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MEDITATION SOCIETY SYMPOSIUM  
SCHEDULED AT U OF M

(FOR IMMEDIATE RELEASE)

Invincibility, perfect health and cultural integrity through transcendental meditation will be discussed at a national symposium of the International Meditation Society Thursday (Nov. 16) at 8 p.m. in Willey Hall on the University of Minnesota West Bank.

Admission is \$4 for adults and \$2.50 for students.

David Orme-Johnson and Jonathan Shear, faculty members of the Maharishi International University, will speak. Also taking part in the conference will be Ashley Deans, professor of physics at York University, Ontario, Canada.

The program is sponsored by the University Students International Meditation Society.

-UNS-

(AO,3;B1)

(FOR IMMEDIATE RELEASE)

Feature story from the  
University of Minnesota  
News Service, S-68 Morrill Hall  
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Minneapolis, Minnesota 55455  
Telephone: (612) 373-5193  
November 13, 1978

DISCOVERY BRINGS U OF M RESEARCHERS  
CLOSER TO CAUSE OF CYSTIC FIBROSIS

By Paul Schurke  
University News Service

A major discovery by University of Minnesota geneticist Burton Shapiro has brought researchers closer to exposing the genetic culprit in cystic fibrosis (CF), the most frequent fatal heritable disease.

Shapiro's research, scheduled to appear in an upcoming edition of Science magazine, indicates that the genetic abnormality in CF causes cells to age prematurely. This knowledge, together with related discoveries concerning metabolism in cells expressing the CF gene, will advance efforts to pinpoint the cause of the disease, Shapiro said.

"Nobody knows what the protein product of the abnormal gene is," Shapiro said. "Ultimately most questions (about CF) will be answered by finding that protein."

Through chemical analysis, researchers are searching among the 50,000 to 100,000 cellular proteins for those associated with CF. Shapiro's evidence greatly narrows the field of candidates.

"Upon finding that protein we should theoretically be able to treat the disease, by either withdrawing certain substances from the diet or adding something, as in the use of insulin for diabetes," he said.

Shapiro cautioned that identifying the abnormal protein does not guarantee finding a cure. For example, the abnormal protein in the genetic disease sickle cell anemia has been known for years, but direct treatment is not yet feasible, he said.

However, identifying the protein will make possible detection of the one in 20 persons who, though otherwise healthy, is a carrier of the disease, he said. A one-in-four chance exists that children of two carriers will have cystic fibrosis.

In this error of metabolism, suffered by 25,000 to 50,000 Americans, the mucous secretions that normally lubricate body ducts and airways become thick and sticky,

(MORE)

causing chronic lung disease. A second symptom, nutritional deficiency, results from an obstruction of the pancreatic ducts which prevents digestive juices from reaching the stomach. A third symptom involves an increased salt concentration in the sweat.

The pancreatic defects can be treated with dietary supplements, but the abnormal lung mucous is more deadly. Use of antibiotics to prevent lung infections, and chest massages and mist tents to improve breathing, has dramatically increased the life expectancy for CF patients over the past three decades. However, most patients still cannot expect to live much past 20 years of age.

Cystic fibrosis research is aimed at normalizing the lung mucous as it is formed or modifying the cells of the mucous glands.

Shapiro's discovery of premature cell aging was spurred by a discrepancy in the literature on CF studies. Researchers, including Shapiro, who had grown colonies of CF cells in culture reported conflicting growth rates for the cells. Upon closely examining the data, Shapiro found that growth rates varied according to the number of generations the cells survived. In follow-up studies, he showed that whereas normal cells produce about 27 generations, CF cells survived only about 18.

"The programmed life span of cells is clearly shorter in those with CF," Shapiro said.

Additional studies amplified Shapiro's findings. Two aging-related factors, increased oxygen consumption and calcium concentration, were found in CF cells by graduate students Bob Feigal and Louis Lam.

"We have preliminary evidence that the calcium abnormality is caused by the abnormal CF protein. That's what we are hunting after now," he said.

Shapiro added that it might be years before the protein is identified, but, he said, "the fact that the calcium findings can be detected in carriers means we are not far away."

-UNIS-

(AO, 22, 23, 24; B1, 4, 5; CO, 5; DO, 5; EO, 23, 24)

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NOVEMBER 13, 1978

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DUTCH POET AT 'U'

(FOR IMMEDIATE RELEASE)

Dutch poet Hans Vergan will present a poetry happening titled "Out of Darkness" at 8 p.m. Friday (Nov. 17) in 106 Folwell Hall, University of Minnesota, Twin Cities.

Vergan is the author of several books of poetry. Two of his works, "Cocoon" and "Stars Over Bombay," have been translated into English.

The presentation is sponsored by the Dutch program of the German department and is open to the public with no admission charge.

-UNS-

(AO,2;B1;CO,2;F11)

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NOVEMBER 14, 1978

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COLUMBIA PROF TO RECEIVE  
U OF M ACHIEVEMENT AWARD

(FOR IMMEDIATE RELEASE)

Carl L. Nelson, George O. May Professor of Financial Accounting at Columbia University, will receive the University of Minnesota Outstanding Achievement Award Wednesday (Nov. 15) at the Radisson Hotel in St. Paul.

The award will be presented at the College of Business Administration Alumni Institute dinner at 7 p.m. by University Regent Erwin Goldfine.

The Outstanding Achievement Award is given to University of Minnesota alumni who have achieved eminence in their fields. Nelson is a 1931 graduate of the University with a bachelor's degree in business administration. He earned his Ph.D., also at Minnesota, in 1944.

Besides Columbia, Nelson has taught at several universities including the University of Kansas, Kansas State University, the University of Nebraska and the University of Minnesota. He has been a visiting professor at universities in Finland, Norway, Turkey and India.

Besides his teaching and research, Nelson has served on several public commissions, and has been a consultant to state and national government agencies, including the Securities and Exchange Commission and the U.S. Department of the Treasury.

He was vice president of the American Accounting Association during 1971-72, and is a frequent speaker for conferences and management development programs.

-UNS-

(AO,12;B1,7;CO,12;E12)

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NOVEMBER 14, 1978

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**RUSSIAN COMPOSER TO CONDUCT  
HIS WORK IN 'U' CONCERT**

**(FOR IMMEDIATE RELEASE)**

Russian composer Dmitri Kabalevsky will conduct the University of Minnesota Symphonic Orchestra and Chorus in a performance of his "Requiem" at 8 p.m. Friday (Nov. 17) in Northrop Auditorium.

The performance, a part of the Twin Cities Russian Arts Festival, will highlight a week-long stay in the area for Kabalevsky.

The Children's Chorus of Northeast Junior High School and two soloists, soprano Janis Hardy and baritone Michael Riley will also participate in the concert. The performance is open to the public with no admission charge.

Kabalevsky conceived the "Requiem" as a memorial to those who died in World War II. The work was completed in 1963 and the text was written by Robert Rozhdestvensky, a 30-year-old poet. The 90-minute composition has three long movements divided into 11 episodes.

Kabalevsky, 63, was born in St. Petersburg, U.S.S.R., and educated in the Soviet Union. He began teaching at the Moscow Conservatory in 1932. He has been editor of the official publication of the Union of Soviet Composers, head of the music section department of the Soviet Radio Committee, head of the music section of the Institute of Arts History in the Academy of Sciences and secretary of the Union of Soviet Composers.

During the course of his career he has often worked with and for children, creating choral and piano pieces for them and also dedicating his set of three concertos to youth. His work also includes several symphonies, operas and concertos. He generally works in the Classic Romantic form and often uses folk music in his works.

-UNS-

(AO, 2, 29; B1; F13)

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NOVEMBER 14, 1978

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TAIWAN QUESTION MAY NOT  
INHIBIT NORMALIZATION  
OF U.S.-CHINA RELATIONS

(FOR IMMEDIATE RELEASE)

A University of Minnesota professor said Monday that the Taiwan question need not unduly delay normalization of diplomatic relations between the United States and the People's Republic of China.

John E. Turner, Regents' Professor of Political Science, said that the communist government may not be as insistent that the United States sever diplomatic relations with the island of Taiwan as it had been in 1972 when Premier Chou En-lai and President Nixon signed the Joint Communique.

Turner was the first of several speakers at a day-long University conference on the balance of power in Asia.

"It's not to China's advantage to have us pull out of Taiwan completely," Turner said. "We need to find out what the Chinese have to say when they actually sit down at the negotiating table."

The Joint Communique, which outlined plans for normalization of relations, called for the United States to sever relations with Taiwan, which is considered by both the communist government and the nationalist government on Taiwan as part of China.

This Shanghai communique also called on the United States to withdraw its forces and dismantle its bases on Taiwan. Today, however, this action would open the area to expansion by China's rival, the Soviet Union, Turner said.

The United States may be able to acknowledge Chinese sovereignty over Taiwan without changing any of the realities of the relations between the Americans and Taiwan, Turner said.

(MORE)

"Taiwan is an emotional issue involving sovereignty," he said. "To some extent, the appearance is more important than the reality to the Chinese."

The Shanghai communique assumes that the Taiwan question will be settled peacefully and, Turner said, the United States must have assurances that there would not be a forceful takeover of the island by the mainland in the event of normalization.

But there are many domestic problems and the continuing conflicts on the northern border with Russia that will keep the Chinese from engaging in another war with Taiwan's large and more advanced army, Turner said.

"The Chinese leaders have, from time to time, exhibited flexibility on the Taiwan question," he said. "Premier Teng Hsiao-ping recently told Secretary of State Vance that China could wait 100 years to resolve the Taiwan question."

The mainland government allowed Japan to normalize relations in 1972 while, at the same time, Japan retained most of its former activities with Taiwan on an informal basis, Turner said.

"Since the normalization of relations," he said, "trade between Taiwan and Japan has more than doubled. The substance of the relations between Taiwan and Japan has not changed substantially since normalization of relations with China."

Turner also listed China's nuclear capacity as a reason to normalize relations so that the leaders of the United States and China could communicate quickly during crises.

If China decides to seek detente with the Soviet Union, Taiwan would remain a "festering sore" dividing the United States and China, Turner said. "I wouldn't fiddle around too long with Taiwan, because I think that if China seeks detente with the Soviet Union before the Taiwan question is settled it is against our national interests," he said. But, he said, the Taiwan issue must be negotiated.

"The Chinese have made a great deal of this issue. To them, it is a matter of sovereignty. It won't go away," Turner said.

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NOVEMBER 15, 1978

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MOORE OPTIMISTIC ABOUT 'U'  
STUDENT EXCHANGE WITH CHINA

(FOR IMMEDIATE RELEASE)

Wenda Moore, chairman of the University of Minnesota Board of Regents, says she is optimistic about the University's chances of attracting students from the People's Republic of China in coming years.

The Chinese are particularly interested in University programs in agriculture and technology, said Moore, who recently returned from a two-week visit to China. However, Minnesota is unlikely to receive any of the 500 Chinese students who will be studying in the United States this year, she said.

Moore visited Kwangsi College and Peking University during her China visit, but did not issue a specific invitation to either institution. She did, however, indicate willingness to host their students in the United States.

"I went to indicate the genuine interest of the University of Minnesota in developing an exchange program," she said. "There are a lot of details that need to be worked out in negotiations through channels."

She said the University is pursuing the possibility of getting Chinese students on more than one front. The work is being coordinated by administrators who are gathering information about the University to send to the Chinese liaison office in Washington, D.C.

"I'm very enthusiastic about a possible exchange because it opens up a tremendous opportunity to start a dialogue with the Chinese. There are moderate leaders in China now and they have opened the door. We should take advantage of that open door before it slams shut," she said.

Moore said that the University should work to develop an adequate long-term exchange program rather than rush to be among the first to host students from China.

(MORE)

"I believe we should move with all deliberate speed. Quickly but deliberately. We should work to provide the best opportunity for Chinese students to study here in the long run," Moore said.

Americans may have too romantic a notion about the Chinese who will be coming to this country in the next year, according to Morris P. Smith, an official with the International Communication Agency who has worked on the exchange program.

The Chinese will be interested only in sending highly specialized scientists for advanced study in this country, said Smith, who was in the Twin Cities to speak at a recent University conference on the balance of power in Asia.

"The Chinese coming here will be mostly graduates from the 1960s, and some from the 1950s, before the Cultural Revolution destroyed Chinese higher education," Smith said. "They will be at least 35 years old, and many will be older.

"They will be narrowly specialized scientists." For example, they will not just be in optics but in some kind of specialized laser optics," he said.

Smith said that this kind of specialized education is one way of compensating for the "ruinous policies" the Chinese have undertaken in higher education over the past 12 years. Most of their exchange efforts will involve sending their scientists to industrialized countries like Japan and Germany.

Smith said it is a major step for the Chinese to exchange students and scientists with the United States without formal recognition between the countries. "Overnight, they are permitting us the carnal delights of normalization without the legal obligations of marriage," he said.

John E. Turner, regents' professor of political science at the University, said the proposed exchange ranks with President Nixon's trip to China in its importance in China's opening itself to the United States.

The exchange, Smith said, is as drastic as a conservative women's church group opening a bar in order to keep the young people interested in attending church. "It is a dramatic decision that could very well be overturned in a year, five years or ten years from now," he said.

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NOVEMBER 16, 1978

UNIVERSITY OF MINNESOTA, TWIN CITIES, CULTURAL EVENTS  
Nov. 19-25

- Sun., Nov. 19---University Gallery: Selections from the permanent collection. Northrop Aud. 11 a.m.-4 p.m. Mon., Wed. and Fri.; 11 a.m.-3 p.m. Tues. and Thurs.; 2-5 p.m. Sun. Through Dec. 13. Free. ("The Art of Russia: 1800-1850" at Landmark Center in St. Paul, through Dec. 6.)
- Sun., Nov. 19---St. Paul Student Center: Watercolors by Marija Skutans Netz. North Star Gallery. 8 a.m.-10 p.m. Mon.-Fri.; noon-11 p.m. Sat. and Sun. Through Nov. 30. Free.
- Sun., Nov. 19---Concert: University Marching Band. Northrop Aud. 3 p.m. \$3.50, students \$2.50. Tickets on sale at Northrop ticket office.
- Sun., Nov. 19---Theater: "The Lower Depths" by Maxim Gorky. Experimental theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Sun., Nov. 19---Theater: "The White Liars/Black Comedy" by Peter Shaffer. Whiting proscenium theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Sun., Nov. 19---University Film Society: "The Last Woman." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.25.
- Sun., Nov. 19---Film: "Coming Home." Theater-lecture hall, Coffman Union. 8 p.m. \$2, students \$1.50.
- Mon., Nov. 20---Goldstein Gallery: Graduate thesis show. McNeal Hall. 8:30 a.m.-4:30 p.m. Mon.-Fri. Through Dec. 6. Free.
- Mon., Nov. 20---Coffman Gallery: Welded Sculpture and Drawings by Luther Jones, Gallery I, through Dec. 15; "Images of Men" by Julia Nikpay, Gallery II, through Dec. 1. 10 a.m.-4 p.m. Mon.-Fri. Free.
- Mon., Nov. 20---University Film Society: "Belated Flowers." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.25.
- Tues., Nov. 21---Film: "Mr. Smith Goes to Washington." Theater-lecture hall, Coffman Union. 7 p.m. Free.
- Tues., Nov. 21---Lecture: "The Russian Intelligentsia" by Nicholas V. Riasanovsky. 125 Willey Hall. 8 p.m. Free.
- Wed., Nov. 22---Music: Bob Crea and His Friends. North Star Ballroom, St. Paul Student Center. Noon. Free.
- Wed., Nov. 22---Film: "The Secret Life of Walter Mitty" and "The Unicorn in the Garden." 310 Anderson Hall. 2:30 and 7:30 p.m. Admission.

(OVER)

- Wed., Nov. 22---University Film Society: "O Lucky Man." Bell Museum of Natural History aud. 7:30 p.m. \$2.25.
- Wed., Nov. 22---Theater: "The White Liars/Black Comedy" by Peter Shaffer. Whiting proscenium theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Fri., Nov. 24---University Gallery: MFA exhibition by John Alleman. Northrop aud. 11 a.m.-4 p.m. Mon., Wed. and Fri.; 11 a.m.-8 p.m. Tues. and Thurs.; 2-5 p.m. Sun. Through Dec. 13. Free.
- Fri., Nov. 24---University Film Society: "O Lucky Man." Bell Museum of Natural History aud. 7:30 p.m. \$2.50.
- Fri., Nov. 24---Theater: "The White Liars/Black Comedy" by Peter Shaffer. Whiting proscenium theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Sat., Nov. 25---University Film Society: "O Lucky Man." Bell Museum of Natural History aud. 7:30 p.m. \$2.50.
- Sat., Nov. 25---Dance: Parthenon Dancers of Greece. Northrop Aud. 8 p.m. \$4.50-\$8, students \$3-\$6.50. Tickets on sale at Northrop ticket office, Dayton's and Donaldson's.
- Sat., Nov. 25---Theater: "The White Liars/Black Comedy" by Peter Shaffer. Whiting proscenium theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.

-UNS-

(AO;B1;F2)

UNIVERSITY OF MINNESOTA  
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NOVEMBER 17, 1978

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NATIONAL NEWS COUNCIL  
TO MEET IN MINNESOTA

(FOR IMMEDIATE RELEASE)

The National News Council will convene at the University of Minnesota, Twin Cities, Tuesday and Wednesday, Dec. 5 and 6.

The council will be hearing several complaints against the national news media. Among the cases to be heard are a charge of "inaccuracy and distortion" in an NBC documentary about Marin County, Calif., and a complaint by syndicated columnist Jim Bishop that "conflict of interest" was involved in a financial contribution to an anti-casino campaign by the Miami Herald.

Also on the agenda are a charge of biased reporting by the Catholic Defense League against the New York Times for articles on abortion; a charge by the Catholic Defense League against CBS-TV News for alleged deliberate misrepresentation of figures in reporting the numbers of persons who attended a gay rights rally; a charge of alleged inaccuracy against CBS Morning News in a report of the health hazards of breast-feeding by vegetarian mothers; and a charge against Time and Newsweek for alleged inaccuracy in the reporting of the results of a trial in which a woman was charged with performing an abortion on herself.

The council will continue its examination and study of the ownership of the communications industry.

Sessions both days will begin at 9 a.m. in room 320 Coffman Union and are open to the public.

The National News Council is an independent, non-profit organization of 18 members, representing varying occupations and parts of the country.

(MORE)

The council was founded in 1973 and its structure is based on the models of the British Press Council and the Minnesota Press Council. The council has rejected powers to regulate or impose penalties. It operates through public deliberations and public release of its findings.

Norman E. Isaacs, editor in residence of the Graduate School of Journalism, Columbia University, is the council's current head. Vice chairman is Robert B. McKay, director of the Aspen Institute Program on Justice, Society and the Individual, and treasurer is William A. Rusher, publisher of the National Review.

Other members include Joan Ganz Cooney, president of the Children's Television Workshop, New York; Ralph M. Otwell, editor of the Chicago Sun-Times; Richard S. Salant, president of CBS News; Michael Pulitzer, associate publisher of the St. Louis Post-Dispatch; Walter Leonard, president of Fisk University; and Sylvia Roberts, general counsel for the Legal Defense and Education Fund of the National Organization for Women.

On Monday, Dec. 4, prior to the opening of the meetings, some council members will participate in public seminars at the University. Cooney will participate in a seminar on "Cross-Cultural Transfer of Sesame Street" at 2 p.m. in 308 Folwell Hall and a seminar on "Sesame Street Model as Applied to Science Education" at 3:30 p.m. in the Coffman Union theater.

Dave Donnelly, St. Paul attorney, will debate Rusher on "Cameras in the Courts" at 1:30 p.m. in Coffman theater. William Kobin, general manager of KTCA, will moderate the debate.

-UNS-

(AO;B1;E20,34;G1,2,3,4,5,6,7,8,16,31)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 17, 1978

NEWS PEOPLE: For further information  
contact BILL HUNTZICKER, (612) 373-7512

U OF M DELEGATIONS HOPE  
TO VISIT CUBA IN 1979

(FOR IMMEDIATE RELEASE)

Educational exchanges between the University of Minnesota and Cuba are being organized as the result of a two-day visit to the University by an 11-member Cuban delegation this week.

The delegation, headed by Cuban minister of higher education Fernando Vecino Alegret, met with University officials to discuss exchanges of both students and faculty members.

A group of University faculty will be assembled for a possible visit to Cuba in February, and a group of students will be organized to visit there next summer. Leaders of both faculty and student groups said, however, that details must be worked out before the exchanges can occur.

The University of Minnesota will likely be the first U.S. institution to have an exchange program with Cuba. Vecino said his delegation has visited several universities during its 12-day stay in the United States, and that they are closest to an agreement with the University of Minnesota.

"We have been working for some time to establish programs of exchange that serve the purpose of establishing educational ties between our countries," he said.

The educational exchanges are seen by both Cuban officials and University representatives as a step toward normalization of relations between Cuba and the United States.

The Cubans met with representatives of the University's Institute of Agriculture, Forestry and Home Economics Thursday (Nov. 16) to discuss the details of a proposal to send University researchers to Cuba for one to two weeks in February.

(MORE)

The Cubans are particularly interested in faculty members from agriculture, veterinary medicine, biology and medicine, according to agricultural economics professor Malcolm Purvis.

Purvis was one of the University representatives to meet with Efrain Abreu Heredia, rector of the Higher Institute of Agricultural Science in Havana, and Oscar Garcia Fernandez, vice minister of higher education.

"We talked tentatively about some of the areas in which we have common interests in animal science, particularly breeding and nutrition," he said. "We were impressed by the intellectual achievements and interests in these areas in Cuba. There seems to be a basis for a genuine, meaningful scientific exchange program."

LaVern Freeh, director of University international programs, said that additional exchanges are anticipated for March or April, in which Cuban and Minnesota agricultural scientists will spend about three weeks teaching short courses and giving seminars in each other's countries.

The proposed student exchange will be organized by Stephen E. Johnson, coordinator for the International Study and Travel Center at the University, and Douglas Johnson, director of the Third World Institute at Newman Center.

The two men submitted to Vecino a request they had sent to Cuba a year ago asking that a delegation of Minnesota students be allowed to visit Cuba for a work and study program of about five to six weeks. Vecino said he would support their request, although final authority rests with another minister.

Stephen Johnson said that his group is working with Cuban diplomats in Washington to complete the details of a proposed visit by 25 people to Cuba next summer. Johnson added that his group's meeting with Vecino was the only one in Minnesota conducted entirely in Spanish.

Freeh accompanied a congressional delegation to Cuba last December to begin discussions of educational exchanges as a step toward restoration of relations between the United States and Cuba, he said.

(MORE)

Vecino said that educational exchanges will help restore respect between the two nations. "In the future," he said, "the two governments will have normal relations based on mutual respect between the countries.

"I can tell the American public," Vecino said, "that professors and young people who will visit our country will receive a constant show of respect from the Cuban people."

Vecino is the second Cuban cabinet minister to visit the United States since diplomatic ties were severed in 1961. The first was Marcelo Fernandez, minister of foreign trade, who was in the United States last year.

-UNS-

(AO, 1, 13; B1, 10; CO, 13; DO, 13; E13, 15)

(FOR RELEASE ANY TIME)

Feature story from the  
University of Minnesota  
News Service, S-68 Morrill Hall  
100 Church St. S.E.  
Minneapolis, Minnesota 55455  
Telephone: (612) 373-5193  
November 20, 1978

SCHOLARS MIGRATE TO U OF M  
FOR STORY OF ETHNIC SETTLERS

By Maureen Smith  
University News Service

If your heritage is Irish or Norwegian or German, you don't have far to look for written material about your ethnic group. The story of your people and their journey to America has often been told.

But if you are Estonian or Croatian, or if you are a scholar interested in the Macedonians or the Byelorussians, it can be tougher to search out the story. Your best bet might be the Immigration History Research Center (IHRC) at the University of Minnesota, Twin Cities.

The IHRC collects source material for the study of 24 American ethnic groups originating in eastern and southern Europe and the Middle East. The largest collection documents the story of Ukrainian Americans. Other rich collections tell of the Poles, Finns, Italians, and Czechs and Slovaks who came to America.

"We don't deal with all immigration. That would be simply too vast," said Rudolph Vecoli, director of the center. "It's an enormous job as it is. With 24 distinct ethnolinguistic groups, our collections are in at least 24 different languages. That's quite a bit of expertise for a small staff."

Although the collections are intended primarily for the use of scholars, the staff welcomes requests for general background information on some "less-written-about" groups. Genealogical service cannot be offered.

Most of the material in the collections has come from outside Minnesota, and all of it has been donated. "The ethnic communities themselves have been the basic source of support," Vecoli said. "We have built relationships of trust with two dozen ethnic communities across the United States. They are entrusting their heritage to the University of Minnesota."

(MORE)

The center is the best of its kind, and is known around the world. "Other centers have sprung up around the country, but we were the first and we have been looked to as a model in the field," Vecoli said. There are people in Finland and Hungary who know the University of Minnesota only because it is the home of the IHRC.

"We are relatively young as a center, and at first we needed to gather materials," Vecoli said. "They came in all states of disorder, and they had to be organized. All of this has taken a lot of time, a lot of money. Now we have the collections under control. Most of them are accessible and have been for some years."

It is almost a commonplace by now that the American melting pot didn't melt. Ethnic diversity has persisted with each new generation. But the myth of the melting pot dies hard, and the IHRC collections have been helpful to scholars seeking insights into the reality of immigrant life. Consider the influence of religion, for example:

As immigrants identified with one major religious group or another, the story went, their sense of ethnic identity was erased and replaced with a sense of being simply Protestant, Catholic or Jewish.

The assumption was that "Irish, Italian and Polish Catholics mingle comfortably and without friction in large urban parishes, intermarrying freely on the basis of their common Catholicism" and that "English, German and Scandinavian Protestants behave similarly in America's small towns and rural areas," said an article in the IHRC newsletter, Spectrum, in September 1975.

But recent scholarship has challenged the "triple melting pot" hypothesis and demonstrated that religious institutions "not only failed to eradicate ethnic differences but actually heightened and preserved them," the article said.

The relationship between religious affiliation and ethnic identity is complex and controversial, and the IHRC is rich in pertinent documents.

A sample: Jubilee albums published by churches on their 25th and 50th anniversaries. The diaries and correspondence of two Italian priests who served in St. Paul. The papers of a Protestant missionary who worked among Polish Americans. Hand-written sermons. The papers of the first Catholic Slovak Union. Annual

reports of the Finnish Apostolic Lutheran Church in America. Baptism, marriage, and death records from a number of churches.

The IHRC continues to collect documentation on all aspects of ethnic life. A major project now in process is filming Polish-American newspapers. "The papers are literally crumbling. They have a short life," Vecoli said.

"Libraries were blinded for a long time to the fact that these are basic documents in American history. If a paper was in the Romanian or Hungarian language, it usually ended up in the wastebasket. It was not thought to be of value. Who could read it anyway? Because of this attitude, a great deal has been lost."

Another IHRC project has been the preparation of materials for classroom use. "The way history is written will eventually affect the way it is taught," Vecoli said, but "instead of relying on the trickle-down effect" the IHRC staff has assembled primary source material for direct classroom use.

The project is called PRIMSES: Primary Sources in Ethnic Studies. Data packets on five ethnic groups—Finns, Italians, Poles, south Slavs and Ukrainians--have been prepared. The major themes are family, religion, work, arts, migration, and political and social activities.

"We found documents to illustrate what the Polish family was like, what the typical occupations were for Finns, what religious life was like among the Italians," Vecoli said.

The IHRC has recently been experiencing a financial crunch, but interest in the work of the center remains high. "Immigration is a physical journey," Vecoli said. "It is also a sociological experience. The journey doesn't end with the first generation.

"Our interest in the ethnic group continues as long as there is an ethnic group. It extends beyond the first generation, beyond the second. Perhaps these are permanent features of American society. As long as they exist, we think they are of interest."

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NEWS PEOPLE: For further information  
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LOUISVILLE 'U' PRESIDENT  
TO SPEAK AT U OF M

(FOR IMMEDIATE RELEASE)

James G. Miller, president of the University of Louisville, will speak three times on his theories of "living systems" Wednesday (Nov. 29) at the University of Minnesota, Twin Cities.

"Living Systems" is the title of Miller's 1102-page book which argues that there are similarities among what he sees as the seven levels of life structures. The levels of the hierarchy are cell, organ, organism, group, organization, society, and supranational system.

"The facts at each level conform to a pattern which also fits the other levels," Miller wrote.

His ideas will be the subject of a public lecture at 10 a.m. Wednesday in the Law School building on the University's West Bank. The title of this talk is "Living Systems: A Unified Approach to Biological and Social Systems."

Miller will apply his theories to urban management and planning in a discussion at 2 p.m. in the Campus Club, and to higher education at 3:30 p.m. in the Campus Club.

-UNS-

(AO, 3, B1)

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SCHOLARS TO DISCUSS 'THE HOLOCAUST'

(FOR IMMEDIATE RELEASE)

Jacob Neusner, visiting Hill professor of Judaic studies at the University of Minnesota, Twin Cities, will join three other scholars for a panel discussion of "The Holocaust: Moral and Religious Perspectives" at 8 p.m. Wednesday, Nov. 29, in the Law School building, auditorium 25.

Neusner, an internationally known scholar, author and historian of Judaism, is Ungeleider Distinguished Scholar of Judaic Studies and professor of religious studies at Brown University in Providence, R.I., and a former president of the American Academy of Religion. He is teaching at the University of Minnesota this fall in the department of Near and Middle Eastern studies.

Joining Neusner in the discussion will be Rabbi Moshe Adler, director of the University's Hillel Foundation; Robert W. Ross, assistant professor of religious studies and student affairs, University of Minnesota; and Robert E. Willis, professor of religion, Hamline University.

The discussion is open to the public with no admission charge.

-UNS-

(AO, 3, 13, 33; B1; CO, 3)

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KING, MAGRATH, ANDRINGA  
CALLED NATIONAL LEADERS

(FOR IMMEDIATE RELEASE)

Three Minnesotans are among the "100 Young Leaders of the Academy" named in a recent issue of Change magazine, a national monthly journal of higher education.

Minnesotans on the list are University of Minnesota President C. Peter Magrath, Metropolitan State University President Reatha Clark King, and Robert C. Andringa, who was campaign manager for Governor-elect Al Quie.

The leaders were selected by a survey of more than 6,200 faculty members, administrators, journalists, and other academic leaders. Each of those selected was asked to write a brief comment on the future of higher education.

Andringa, who was director of the Republican staff for the House Committee on Education and Labor, was prominent in encouraging the expansion of federal programs in postsecondary education, particularly in student aid.

"The need for 'learning' as opposed to 'education' is evident in every issue," Andringa wrote. "The academy should see itself as a servant-leader controlling only a small core of a large learning society."

Magrath is listed as a former academic leader in Nebraska and New York as well as a political scientist with books in the field.

"Contrary to what some critics and educational Cassandras tell us," Magrath is quoted as saying, "the American academy has not lost the confidence of the public."

King was said to be optimistic about the future of higher education because "we are now more conscious of the need to become a stronger catalyst in the solution of social problems."

As president of the non-traditional state university in the Twin Cities, King has received a number of professional awards. Her academic field is chemistry.

In an article accompanying its list, Change said the leaders were selected because they have overcome major obstacles during a challenging era for higher education.

-UNS-

(AO,1;B1;CO,1)

UNIVERSITY OF MINNESOTA  
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'AMERICAN BIRDS' AT BELL MUSEUM

(FOR IMMEDIATE RELEASE)

An exhibition of "American Birds" by Dana Gardner is now in the Jaques Gallery of the Bell Museum of Natural History at the University of Minnesota, Twin Cities.

The display of about 40 watercolors and scratchboards will be up through Dec. 30.

Currently Gardner is on the staff of the Western Foundation of Vertebrate Zoology in Los Angeles, Calif., working on illustrations for two books on tropical biology to be published in 1979. Many of his illustrations have appeared in and on the covers of issues of "The Loon," the journal of the Minnesota Ornithologists' Union.

The Bell Museum, at 17th and University Aves. S.E., is open to the public with no admission charge from 9 a.m. to 5 p.m. Monday through Saturday and from 1 to 5 p.m. Sunday.

-UNS-

(AO,2,31;B1;CO,2)

UNIVERSITY OF MINNESOTA  
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100 CHURCH ST. S.E.  
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NOVEMBER 22, 1978

UNIVERSITY OF MINNESOTA, TWIN CITIES, CULTURAL EVENTS  
Nov. 26-Dec. 2

- Sun., Nov. 26---University Gallery: MFA exhibition by John Alleman, and selections from the permanent collection. Northrop Aud. 11 a.m.-4 p.m. Mon., Wed. and Fri.; 11 a.m.-8 p.m. Tues. and Thurs.; 2-5 p.m. Sun. Through Dec. 13. Free. ("The Art of Russia: 1800-1850" at Landmark Center in St. Paul, through Dec. 6.)
- Sun., Nov. 26---St. Paul Student Center: Watercolors by Marija Skutans Netz. North Star Gallery. 8 a.m.-10 p.m. Mon.-Fri.; noon-11 p.m. Sat. and Sun. Through Nov. 30. Free.
- Sun., Nov. 26---Theater: "The White Liars/Black Comedy" by Peter Shaffer. Whiting proscenium theater, Rarig Center. 3 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Mon., Nov. 27---Goldstein Gallery: Graduate thesis show. McNeal Hall. 8:30 a.m.-4:30 p.m. Mon.-Fri. Through Dec. 6. Free.
- Mon., Nov. 27---Coffman Gallery: Welded sculpture and drawings by Luther Jones, Gallery I, through Dec. 15; "Images of Men" by Jila Nikpay, Gallery II, through Dec. 1. 10 a.m.-4 p.m. Mon.-Fri. Free.
- Mon., Nov. 27---University Film Society: "A Ballad of a Soldier." Bell Museum of Natural History aud. 7:30 and 9:15 p.m. \$2.25.
- Tues., Nov. 28---Lecture: "If Noses Could Not Appear in Kazan Cathedral, Then How Did They Appear at All--Some Words on Russian Censorship" by Alan Ross. 125 Willey Hall. 8 p.m. Free.
- Wed., Nov. 29---Lecture-Demonstration: Ballet by Minnesota Dance Theatre. North Star Ballroom, St. Paul Student Center. Noon. Free.
- Wed., Nov. 29---Film: "The Wizard of Oz." Theater-lecture hall, Coffman Union. 7 and 9 p.m. \$1.50.
- Wed., Nov. 29---University Film Society: "Red Snowball Tree." Bell Museum of Natural History aud. 7:30 and 9:15 p.m. \$2.25.
- Wed., Nov. 29---Concert: Jacques Yvart. Whole Coffeehouse, Coffman Union. 8 p.m. \$3, students \$2.
- Thurs., Nov. 30---Dance: Minnesota Dance Theatre tap department. North Star Ballroom, St. Paul Student Center. Noon. Free.
- Thurs., Nov. 30---Film: "Of Human Bondage" and "An Interview with Somerset Maugham." 310 Anderson Hall. 2:30 and 7:30 p.m. Admission.
- Thurs., Nov. 30---University Film Society: "Women." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.25.

(OVER)

## CALENDAR

-2-

- Thurs., Nov. 30---Theater: "The White Liars/Black Comedy" by Peter Shaffer. Whiting proscenium theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Fri., Dec. 1---Lecture-Demonstration: Dance styles by Kenneth DeLap and the Ozone Dance Company. North Star Ballroom, St. Paul Student Center. Noon. Free.
- Fri., Dec. 1---Mime: Calder Company mime and movement theater. Noon, Ski-U-Mah lounge, Coffman Union, and 2 p.m., theater-lecture hall, Coffman Union. Free.
- Fri., Dec. 1---Film: "The Magic Flute." Theater-lecture hall, Coffman Union. 7:30 and 10 p.m. \$2, students \$1.50.
- Fri., Dec. 1---University Film Society: "Women." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.50.
- Fri., Dec. 1---Dance: Ballroom dance by Kenneth DeLap and the Ozone Dance Company. North Star Ballroom, St. Paul Student Center. 8 p.m. \$2.50, students \$1.
- Fri., Dec. 1---Theater: "The White Liars/Black Comedy" by Peter Shaffer. Whiting proscenium theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Sat., Dec. 2---Film: "The Magic Flute." Theater-lecture hall, Coffman Union. 7:30 and 10 p.m. \$2, students \$1.50.
- Sat., Dec. 2---University Film Society: "Women." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.50.
- Sat., Dec. 2---Theater: "The White Liars/Black Comedy" by Peter Shaffer. Whiting proscenium theater, Rarig Center. 8 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.

-UNS-

(AO;B1;F2)

UNIVERSITY OF MINNESOTA  
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PANEL TO DISCUSS  
LAW, YOUTH ISSUES

(FOR IMMEDIATE RELEASE)

Patricia Wald, assistant U.S. attorney for legislative affairs, will discuss children's rights in two appearances at the University of Minnesota Thursday, Nov. 30.

Wald will speak on legal aspects of children's rights at 3:15 p.m. in room 2620 of Health Sciences Unit A.

At noon, Wald will participate in a panel on the legislative climate for youth issues in the Campus Club on the fourth floor of Coffman Union.

Other panelists will be State Rep. Ken Nelson, DFL-Minneapolis; Professor Barry Feld, University Law School; and Larry Harris, community relations coordinator, Minneapolis Public Schools.

The programs are sponsored by the maternal and child health program in the School of Public Health and the Center for Youth Development and Research.

-UNS-

(AO, 3, 19; B1)

UNIVERSITY OF MINNESOTA  
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NEWS PEOPLE: For further information  
contact JEANNE HANSON, (612) 373-7517

REGISTRATION TO OPEN  
FOR U OF M EXTENSION CLASSES

(FOR IMMEDIATE RELEASE)

Registration for winter quarter extension classes at the University of Minnesota will open Nov. 27.

Hundreds of courses are offered beginning Jan. 2. Credit and non-credit classes are available on and off-campus in the evenings, late afternoons and Saturdays. There are no entrance requirements for extension classes, and a high school diploma is not necessary.

Mail registration will continue through Dec. 19. In-person registration will open Dec. 11 and continue through Dec. 19 at Wesbrook Hall on the Minneapolis campus, at MacPhail Center, 1128 LaSalle Ave., in downtown Minneapolis, and at the St. Paul Skyway registration booth in the American National Bank Building, Fifth and Minnesota, in downtown St. Paul.

For a complete catalogue of courses, contact Extension Classes, 101 Wesbrook Hall, 77 Pleasant St. S.E., University of Minnesota, Minneapolis, MN 55455, or call 373-3195. To register, call 376-3000.

-UNS-

(AO, 12; B1, 8)

UNIVERSITY OF MINNESOTA  
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U OF M HUMAN RIGHTS GRANT  
RENEWED FOR INTERNSHIPS

(FOR IMMEDIATE RELEASE)

A program that allows American students to work as interns with international human rights organizations will be expanded as a result of an increase in funding by the Ford Foundation.

The program is directed by David Weissbrodt, associate professor of law at the University of Minnesota, Twin Cities.

Thirty-eight students have participated in the program since it began three years ago. The Ford Foundation has announced that the annual grant will increase from \$60,000 to \$150,000 for the year 1979-80, Weissbrodt said.

Participants in the program, who have mostly been graduate students and professional people, have worked with such organizations as Amnesty International, the International Commission of Jurists, the International Labor Organization and the Inter-American Committee on Human Rights.

People interested in the program may contact Weissbrodt or write to Ann Blyberg, Administrator, International Human Rights Internship Program, 116 Gowen Hall DO-32, University of Washington, Seattle, Wash. 98195.

-JNS-

(AO,8,9,10,11;B1;CO;E15)

UNIVERSITY OF MINNESOTA  
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NOVEMBER 27, 1978

NEWS PEOPLE: For further information  
contact RONAELE SAYRE, (612) 373-7516

DIVESTMENT, WITHDRAWAL RESOLUTIONS  
ENDORSED BY UNIVERSITY COMMITTEE

(FOR IMMEDIATE RELEASE)

A proposal that the University of Minnesota sponsor stockholder resolutions calling for withdrawal from South Africa at the annual meetings of nine U.S. companies will be discussed by the Board of Regents at their December meeting.

The withdrawal resolution and another calling on the University to follow a policy of divestment in companies doing business in South Africa were approved last week by the University Committee on Social Responsibility in Investments.

The committee's majority and minority reports were presented to Donald Brown, vice president for finance, Monday (Nov. 27).

The stockholder resolution on withdrawal would be submitted to nine companies in which the University has stock and which are among the largest investors in South Africa. They are General Motors, Minnesota Mining and Manufacturing, Mobil Oil, Standard Oil of California, Ford, International Telephone and Telegraph, General Electric, IBM and Caterpillar Tractor.

University investments in the companies total \$4.3 million, with the largest single investment being \$2 million in IBM.

University investments in companies doing business in South Africa have been the subject of several campus demonstrations. Last month about 80 people demonstrated in the hallway during the regent's monthly meeting.

-UNS-

(AO,1,8,9;B1;CO,1,DO,E15)

UNIVERSITY OF MINNESOTA  
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NOVEMBER 27, 1978

NEWS PEOPLE: For further information  
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UNIVERSITY OPERA  
TO PRESENT 'MIGNON'

(FOR IMMEDIATE RELEASE)

"Mignon," a seldom-seen opera by Ambroise Thomas, will be presented in English by the University of Minnesota Opera Friday, Saturday and Sunday (Dec. 1, 2 and 3) in Scott Hall auditorium on the Twin Cities campus.

Vern Sutton, associate professor of music at the University, is directing the production by the student cast and a 25-piece student orchestra. The opera, loosely based on episodes from Goethe's "Wilhelm Meister," is the story of a gypsy girl, her attraction to a young student and her search for her mysterious past.

Performances will be at 8 p.m. Friday and Saturday and at 2 p.m. Sunday. Tickets are \$3 for the general public and \$2 for students. Reservations can be made by calling 373-3546.

-UNS-

(AO,2,29;B1;CO,2)

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
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NOVEMBER 28, 1978

NEWS PEOPLE: For further information  
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MEMO TO NEWS PEOPLE

The causes of aging will be the subject of an All-University Council on Aging speech Monday (Dec. 4) from 12:15 to 1:15 in 626 Campus Club, Coffman Union, at the University of Minnesota.

Speaker Leonard Hayflick, a cell biologist from the Children's Hospital Medical Center in Oakland, Calif., is noted for his discovery that certain kinds of human lung cells are programmed to divide only a fixed number of times before the cell line dies. The implication is that aging is programmed, at least in some cells, in a kind of human "planned obsolescence."

Hayflick is engaged in a protracted court battle with the Department of Health, Education, and Welfare over who owns the cells he used to make this discovery, an issue which has surfaced several times in Science magazine.

-UNS-

(AO,23;B1)

UNIVERSITY OF MINNESOTA  
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NOVEMBER 28, 1978

NEWS PEOPLE: For further information  
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NIH GRANT SPONSORS TWO NEW STUDIES  
IN U OF M EPILEPSY PROGRAM

(FOR IMMEDIATE RELEASE)

Two new studies on epilepsy drug therapy will begin in the University of Minnesota's Comprehensive Epilepsy Program (CEP) as part of a \$2,177,800 research continuation grant from the National Institutes of Health (NIH).

One study, directed by sociologist Michael Patton, will examine factors that contribute to the non-compliance of some epilepsy patients with life-long drug regimens prescribed for them. Researchers hope to develop strategies to improve compliance.

The second study, directed by neurologist Ilo Leppik, will explore the seizure control ability and side-effects of two anti-convulsive drugs, Dilantin and Tegretol, when administered singly or in combination.

The three-year studies will involve about \$150,000 of the NIH grant, which is renewed annually.

CEP is one of five such programs in the country supported by the NIH Institute on Neurological and Communicative Disorders and Stroke. The program includes community services for people with epilepsy and their families, community education programs on epilepsy and epilepsy research at the University and Mayo Clinic.

-UNS-

(A0,23,25;B1,4,5;C0,5;E25;F16)

UNIVERSITY OF MINNESOTA  
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NOVEMBER 28, 1978

NEWS PEOPLE: For further information  
contact BOB LEE, (612) 373-5830

BERMAN ELECTED HEAD  
OF MEDICAL FOUNDATION

(FOR IMMEDIATE RELEASE)

Reuben Berman, a Minneapolis internist and clinical professor emeritus of the University of Minnesota Medical School, has been elected to a two-year term as president of the philanthropic Minnesota Medical Foundation. He succeeds Donn Mosser, Minneapolis specialist in therapeutic radiology.

Other officers elected Nov. 27 were Tony Bechik, St. Paul businessman and community activist, vice president; Robert J. Christianson, managing partner of the Minneapolis law firm of Faegre & Benson, secretary; and Edward R. Titcomb, St. Paul, president of Rodman Industries, Inc., treasurer.

The Foundation also elected three new members to four-year terms on its 37-member board of trustees. They are Roger E. Larson, Edina, vice president of Minnesota Mutual Life Insurance Co., St. Paul; Dwight L. Martin, St. Paul internist; and Paul G. Quie, Minneapolis pediatrician and American Legion Heart Research Professor at the University of Minnesota (brother of Minnesota's Governor-elect Albert Quie).

They succeed retiring board members Ruth L. Bean, Minneapolis; Vernon D. E. Smith, St. Paul; and Robert A. Ulstrom, Minneapolis.

The Minnesota Medical Foundation is a non-profit corporation serving as medical benefactor to the University of Minnesota. In the year ending June 30, 1978, the Foundation provided more than \$1 million for the University of Minnesota's medical schools in Minneapolis and Duluth, including more than half a million dollars for medical research and more than \$440,000 in financial aid to medical students.

The Foundation's officers and trustees are all volunteers. A small full-time staff is headed by Eivind O. Hoff, Minneapolis, executive director and chief executive officer.

Berman is a 1932 graduate of the University of Minnesota Medical School and has been associated primarily with Mount Sinai Hospital in Minneapolis.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
NOVEMBER 30, 1978

NEWS PEOPLE: For further information  
contact BILL HUNTZICKER, (612) 373-7512

COMMITTEE NAMED TO SEARCH  
FOR SUCCESSOR TO CAL STOLL

(FOR IMMEDIATE RELEASE)

The University of Minnesota vice president who is responsible for athletics will personally head the search committee to find a successor to head football coach Cal Stoll, who was relieved of his duties after a 5-6 win-loss record during the 1978 season.

Robert A. Stein, vice president for administration and planning, announced formation of the committee Thursday (Nov. 30). He said the committee should finish its work by mid-December. "The goal is to have a new football coach appointed before the end of the year," Stein said.

The committee will submit a list of four nominees to Paul Giel, director of men's intercollegiate athletics. Giel will then select a nominee for University President C. Peter Magrath to present to the Board of Regents for final approval, Stein said.

Giel said Monday (Nov. 27) that Stoll would be relieved of his coaching duties. Plans for the two years remaining on his contract are being negotiated by attorneys for Stoll and the University.

In a statement, Stein said that the new coach will have to produce an "exciting" team because the entire men's intercollegiate athletics program depends on the financial success of the Gopher football team.

Search committee members are: Marion B. Freeman, chair of the University assembly committee on intercollegiate athletics; Roy Griak, men's cross country and track coach; Jeanne M. Hvass, student representative to the Board of Regents; Merle K. Loken, faculty representative to the Big Ten; Diana E. Murphy, secretary of the alumni association and Hennepin County District Court judge; Leon A. Trawick, Minneapolis attorney and representative for black athletes to the Big Ten; Frank B. Wilderson, vice president for student affairs; and Michael W. Wright, incoming

(MORE)

president of the M-Club of lettermen and executive vice president of Super Valu Stores.

In his statement, Stein invited applications and recommendations from the public. But, he added, the committee should receive them by Dec. 8. They should be sent to the search committee at 200 Morrill Hall, 100 Church St. S.E., University of Minnesota, Minneapolis, Minn. 55455.

The committee will take steps to seek minority applicants in line with the University's affirmative action policies, Stein said.

Stein's statement said:

"We seek, first of all, a coach who is committed to excellence, fair play and the total development of his student athletes.

"I have never believed there is any inconsistency in seeking excellence in both our athletic and academic programs.

"Indeed, I believe a successful athletic program provides support for our strong academic program by reinforcing the positive attitude and goodwill held by the people of the state and their elected representatives toward the University of Minnesota.

"Our men's and women's intercollegiate athletic programs are already among the most successful in the country.

"However, as the major source of revenue for the men's intercollegiate athletic department, the football team assumes an especially important role in the overall success of our entire athletic program.

"Accordingly, we also seek a coach whose team will play exciting football that will stimulate and entertain the fans and supporters of the University of Minnesota Gophers.

"With that kind of program, I believe that victories and championships will follow.

"That kind of football program will not only fill up Memorial Stadium on Saturday afternoons, but will also be a source of pride to supporters of Gopher football throughout the state and nation who are able to follow the team only by radio, television and newspaper."

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NOVEMBER 30, 1978

NEWS PEOPLE: For further information  
contact JUDY VICK, (612) 373-7515

**MARTHA SCHLAMME TO APPEAR AT RARIG**

**(FOR IMMEDIATE RELEASE)**

Guthrie Theater Company performer Martha Schlamme will present selections from her one-woman show, "The World of Martha Schlamme," in a free public performance at 12:15 p.m. Tuesday (Dec. 5) in the Stoll thrust theater of Rarig Center at the University of Minnesota, Twin Cities.

The show includes musical selections from Broadway shows and the European musical theater, plus folk songs and poetry.

Schlamme is currently appearing in "A Kurt Weill Cabaret" with Alvin Epstein at Guthrie II. She appeared at Guthrie II this year in "On Mount Ch'imbrazo," which will be revived in January, and she will also appear in the Guthrie Theater's presentation of "The Beggar's Opera," opening Jan. 31.

Schlamme has performed throughout the United States and Europe. She played Golde in the Broadway musical "Fiddler on the Roof" and Jenny in the New York City Opera production of "Three Penny Opera" and appeared off-Broadway with Alvin Epstein in "Whores, Wars and Tin Pan Alley."

-UNS-

(AO,2,29,30;B1)

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NOVEMBER 30, 1978

UNIVERSITY OF MINNESOTA, TWIN CITIES, CULTURAL EVENTS  
Dec. 3-9

- Sun., Dec. 3---University Gallery: MFA exhibition by John Alleman, and selections from the permanent collection. Northrop Aud. 11 a.m.-4 p.m. Mon., Wed. and Fri.; 11 a.m.-8 p.m. Tues. and Thurs.; 2-5 p.m. Sun. Through Dec. 13. Free. ("The Art of Russia: 1800-1850" at Landmark Center in St. Paul, through Dec. 6.)
- Sun., Dec. 3---Jaques Gallery: "American Birds" by Dana Gardner. Bell Museum of Natural History. 9 a.m.-5 p.m. Mon.-Sat.; 1-5 p.m. Sun. Through Dec. 30. Free.
- Sun., Dec. 3---University Opera: "Mignon" by Ambroise Thomas. Scott Hall aud. 2 p.m. \$3, students \$2.
- Sun., Dec. 3---Theater: "The White Liars/Black Comedy" by Peter Shaffer. Whiting proscenium theater, Rarig Center. 3 p.m. \$4, students \$3. Tickets on sale at Rarig Center, Dayton's and Donaldson's.
- Sun., Dec. 3---University Film Society: "Women." Bell Museum of Natural History aud. 7:30 and 9:30 p.m. \$2.25.
- Sun., Dec. 3---Film: "The Magic Flute." Theater-lecture hall, Coffman Union. 8 p.m. \$2, students \$1.50.
- Mon., Dec. 4---Coffman Gallery: Welded sculpture and drawings by Luther Jones, Gallery I, through Dec. 15. MFA photography by Linda Gammell, Gallery II, through Dec. 15. 10 a.m.-4 p.m. Mon.-Fri. Free.
- Tues., Dec. 5---Dance: "Getting There From Here" by University Dance Repertory Theatre. Theater-lecture hall, Coffman Union. 6:15 p.m. Free.
- Tues., Dec. 5---Lecture: "Revolutionary Book Publishing as a Basis for a Counter-Culture" by Alfred Senn. 125 Willey Hall. 8 p.m. Free.
- Tues., Dec. 5---Film: "Play Misty for Me" and "Brats." 310 Anderson Hall. 2:30 and 7:30 p.m. Admission.
- Wed., Dec. 6---University Film Society: "Queen of the Gypsies." Bell Museum of Natural History aud. 7:30 and 9:15 p.m. \$2.25.
- Thurs., Dec. 7---University Film Society: "The Outlaw Josey Wales." Bell Museum of Natural History aud. 7:30 and 9:45 p.m. \$2.25.
- Fri., Dec. 8---Minnesota Dance Theatre and Minnesota Orchestra: "Nutcracker Fantasy." Northrop Aud. 8 p.m. \$4-\$8. Tickets on sale at Dayton's, Donaldson's and Northrop ticket offices.

(OVER)

CALENDAR

-2-

Fri., Dec. 8---University Film Society: "The Outlaw Josey Wales." Bell Museum of Natural History aud. 7:30 and 9:45 p.m. \$2.50.

Sat., Dec. 9---Minnesota Dance Theatre and Minnesota Orchestra: "Nutcracker Fantasy." Northrop Aud. 3 and 8 p.m. \$4-\$8. Tickets on sale at Dayton's, Donaldson's and Northrop ticket offices.

Sat., Dec. 9---University Film Society: "The Outlaw Josey Wales." Bell Museum of Natural History aud. 7:30 and 9:45 p.m. \$2.50.

-UNS-

(AO;B1;F2)

UNIVERSITY OF MINNESOTA  
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100 CHURCH ST. S.E.  
MINNEAPOLIS, MINNESOTA 55455  
DECEMBER 4, 1978

NEWS PEOPLE: For further information  
contact JEANNE HANSON, (612) 373-7517

U OF M TO OFFER  
COURSES BY MEDIA

(FOR IMMEDIATE RELEASE)

Registration is now open for seven University of Minnesota courses through newspaper, television, and radio.

"Death in America," the national newspaper course developed by University of Minnesota professor Robert Fulton under a grant from the National Endowment for the Humanities, will deal with such subjects as suicide, the dying patient, stages of grief, moral issues surrounding death, and life after death. It will appear weekly in the Minneapolis Star and other papers across the country beginning Jan. 22.

The television courses are "Black Music: The History of Jazz," with University of Minnesota professor Reginald Buckner; "Japan: The Living Tradition," a cultural overview produced by the University of Mid-America with a million dollars' worth of grants; and "Fundamentals of Alcohol Problems," a University of Minnesota course which may be taken for undergraduate or graduate credit.

These three courses, all beginning the week of Jan. 7, will be broadcast on Channel 2 weekdays from 7 to 7:30 a.m. and repeated later on Saturday mornings on Channel 2 and early evenings on Channel 17.

The fourth television course, "The Shakespeare Plays," involves watching six regular BBC productions of Shakespeare to be shown starting in mid-February on public television in the evenings.

The radio courses, "Foundations of American Nationalism" with Henry Steele Commager, and "Consumer Problems: Personal Finance," will be broadcast over KUOM-AM radio weekday mid-mornings beginning the week of Jan. 7.

For more information or to register, call University Extension Independent Study at 376-4925.

-UNS--

(A0,3;B1,8;C0)

UNIVERSITY OF MINNESOTA  
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DECEMBER 4, 1978

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

MEMO TO NEWS PEOPLE

University of Minnesota investments in companies doing business in South Africa and the funding of intercollegiate sports will be the subjects of separate committee meetings of the Board of Regents Thursday (Dec. 7).

The regular monthly board meetings will follow on Friday morning (Dec. 8) on the St. Paul campus.

At that time, the board will receive a consultant's evaluation of University President C. Peter Magrath and a report on how the board members evaluate their own effectiveness.

The funding of intercollegiate athletics will be the subject of a special meeting of the committee of the whole at 10 a.m. Thursday in the regents' room, 238 Morrill Hall.

This will be the first public discussion of the report of the task force on intercollegiate athletics which recommended state funding for men's varsity sports and proposed that the University consider asking professional teams to subsidize college athletics.

A proposal that the University sell its stock in corporations which do business in South Africa will be considered by the physical plant and investments committee at 1:15 p.m. Thursday in the regents' room.

A plan to extend the mandatory retirement age for faculty members to 70 will be the subject of discussion at the faculty and staff affairs committee at 1:15 p.m. Thursday in 300 Morrill Hall.

At 3:15 p.m., the student concerns committee will meet in the regents' room and the educational policy and long-range planning committee will convene in 300 Morrill Hall.

Priorities for the legislative request, interim budget guidelines and progress on the evaluations of Magrath and the Board of Regents will be on the agenda for the committee of the whole, which convenes at 8:30 a.m. Friday in 135 Earle Brown Center on the St. Paul campus.

The regular monthly board meeting will follow at 10:30 a.m. in the same place.

The Earle Brown Center is on the east side of the St. Paul campus near the Minnesota State Fairgrounds.

-UNS-

(A0,1;B1;C0,1)

UNIVERSITY OF MINNESOTA  
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DECEMBER 6, 1978

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AUERBACH RESIGNS  
AS U OF M LAW DEAN

(FOR IMMEDIATE RELEASE)

Carl A. Auerbach, 63, dean of the University of Minnesota Law School for five years, has submitted his resignation along with a statement that he believes the University is not keeping agreements made when it raised funds for a new building several years ago.

"The building is now a splendid reality," he said in his resignation letter to University President C. Peter Magrath on Dec. 1.

"What has occasioned my resignation, however, is that the objectives for which it was sought now seem further than ever from being achieved," Auerbach wrote.

The resignation is effective next June 30 and was accompanied by a request for a one-year leave of absence before Auerbach would return to teaching in the fall of 1980. Magrath will name a search committee to recommend a successor.

Along with his resignation statement, Auerbach sent Magrath the text of a report he gave to the law alumni association in which he said that the Law School is losing ground within the state and within the University.

Auerbach said that the fund-raising effort for a new building included an agreement to expand enrollment to 1,000 and the faculty to 66. Since then, the goals were revised downward to a faculty of 45 and an enrollment of 800.

Current enrollment is 720 with 35 full-time regular faculty members.

"Since the late 1960s, the Law School has been forced to limit the size of its entering class to 250, so that the total enrollment would not exceed approximately 700" while "more than five highly qualified applicants compete for each place in our entering class," Auerbach said.

The new building which opened nearly a year ago was funded by a \$12.8 million state appropriation and about \$1 million raised through donors who, Auerbach said,

(MORE)

were promised that the structure would allow the class size to expand.

"Thus, as matters now stand, we are not keeping faith either with our private donors or with the citizens of Minnesota whose tax dollars are paying for the new building," he said.

More students are studying outside of Minnesota because of the increasing difficulty of getting into the University Law School, he said. In 1978, he said, some 206 University graduates took the Minnesota bar exam compared with 224 from out-of-state schools, 233 from William Mitchell College of Law and 170 from Hamline University Law School.

Failure to support expansion of the Law School because "influential legislators" feel there are too many lawyers in Minnesota is "woefully shortsighted," Auerbach said.

"In all candor, those of us who worked so hard in the protracted struggle to win legislative approval for a new building feel a sense of deep personal disappointment at this frustrating and highly unexpected turn of events," Auerbach said.

The Law School did not receive state funds for expansion of its class size from the 1977 Legislature. "And for the coming 1979-81 biennium," Auerbach added, "we have been informed that no additional faculty positions are to be specifically requested by the University for the Law School."

Auerbach listed a number of concerns which, he said, are "endangering the Law School's future well-being." They include: faculty salaries, a "seriously inadequate" budget threatening clinical programs, insufficient secretarial help, and a high student-faculty ratio.

Auerbach has been a law professor at the University since 1961 when he left the University of Wisconsin where he began work in 1947. He had been with the Office of Price Administration and the Office of Strategic Service during the 1940s.

He was a member of the Minnesota constitutional study commission and is the author of a number of books and articles on constitutional law.

UNIVERSITY OF MINNESOTA  
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DECEMBER 6, 1978

NEWS PEOPLE: For further information  
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FALL COMMENCEMENT  
SCHEDULED AT U OF M

(FOR IMMEDIATE RELEASE)

Fall-quarter commencement exercises will be within the next two weeks at the University of Minnesota, Twin Cities, for graduating classes ranging in size from 19 in the School of Nursing to 700 in the College of Liberal Arts.

Students graduating have completed their course work during fall quarter or summer session. A number of schools and colleges at the University now hold only one commencement ceremony a year in June.

Twenty-three hundred seniors are eligible to participate in the following commencement programs:

School of Nursing, Saturday, Dec. 9, 2 p.m. in 2-620 Health Sciences Unit A.

College of Liberal Arts, Sunday, Dec. 10, 3 p.m. in 175 Willey Hall on the West Bank. Guest speaker will be Regents' Professor Rutherford Aris.

College of Education, Monday, Dec. 11, 7:30 p.m. in Northrop Auditorium for 420 graduating seniors.

Graduate School, Tuesday, Dec. 12, 7 p.m. in Northrop Auditorium for 120 doctoral candidates and 500 master's candidates. Regents' Professor Edward Ney will be the speaker.

General College, Tuesday, Dec. 12, 7:30 p.m. in the Campus Club library at Coffman Union for 125 seniors. Guest speaker will be Barbara Pillinger, assistant vice president for student affairs.

School of Dentistry, Friday, Dec. 15, 3:30 p.m. in Mayo Auditorium for 30 dentistry students and 60 dental hygiene students.

College of Business Administration, Sunday, Dec. 17, 6:30 p.m. at the Radisson Hotel, Minneapolis, for 185 students.

Commencement programs were held earlier for 96 students in the College of Agriculture and 60 in the College of Home Economics.

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DECEMBER 7, 1978

UNIVERSITY OF MINNESOTA, TWIN CITIES, CULTURAL EVENTS  
Dec. 10-16

- Sun., Dec. 10---University Gallery: MFA exhibition by John Alleman, and selections from the permanent collection. Northrop Aud. 11 a.m.-4 p.m. Mon., Wed. and Fri., 11 a.m.-8 p.m. Tues. and Thurs.; 2-5 p.m. Sun. Through Dec. 13. Free.
- Sun., Dec. 10---Jaques Gallery: "American Birds" by Dana Gardner. Bell Museum of Natural History. 9 a.m.-5 p.m. Mon.-Sat.; 1-5 p.m. Sun. Through Dec. 30. Free.
- Sun., Dec. 10---Minnesota Dance Theatre and Minnesota Orchestra: "Nutcracker Fantasy." Northrop Aud. 3 p.m. \$4-\$8. Tickets on sale at Northrop, Dayton's and Donaldson's.
- Mon., Dec. 11---Coffman Gallery: Welded sculpture and drawings by Luther Jones, Gallery I; MFA photography by Linda Gammell, Gallery II. 10 a.m.-4 p.m. Mon.-Fri. Through Dec. 15. Free.
- Tues., Dec. 12---Goldstein Gallery: "Village Arts: Traditional Folk Crafts of Mexico." McNeal Hall. 8:30 a.m.-4:30 p.m. Mon.-Fri. Through Jan. 19. Free.
- Wed., Dec. 13 --Minnesota Dance Theatre and Minnesota Orchestra: "Nutcracker Fantasy." Northrop Aud. 8 p.m. \$4-\$8. Tickets on sale at Northrop, Dayton's and Donaldson's.
- Thurs., Dec. 14---Minnesota Dance Theatre and Minnesota Orchestra: "Nutcracker Fantasy." Northrop Aud. 8 p.m. \$4-\$8. Tickets on sale at Northrop, Dayton's and Donaldson's.
- Fri., Dec. 15---University Film Society: "My Man Godfrey," 7:30 p.m.; "Sullivan's Travels," 9:15 p.m. Bell Museum of Natural History aud. \$2.50.
- Fri., Dec. 15---Minnesota Dance Theatre and Minnesota Orchestra: "Nutcracker Fantasy." Northrop Aud. 8 p.m. \$4-\$8. Tickets on sale at Northrop, Dayton's and Donaldson's.
- Sat., Dec. 16---Minnesota Dance Theatre and Minnesota Orchestra: "Nutcracker Fantasy." Northrop Aud. 3 and 8 p.m. \$4-\$8. Tickets on sale at Northrop, Dayton's and Donaldson's.
- Sat., Dec. 16---University Film Society: "My Man Godfrey," 7:30 p.m.; "Sullivan's Travels," 9:15 p.m. Bell Museum of Natural History aud. \$2.50.

-UNS-

(AO;B1;F2)

UNIVERSITY OF MINNESOTA  
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DECEMBER 8, 1978

NEWS PEOPLE: For further information  
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REGENTS GIVE MAGRATH HIGH MARKS  
IN EVALUATION OF WORK

(FOR IMMEDIATE RELEASE)

University of Minnesota President C. Peter Magrath was given high marks in an evaluation by the Board of Regents and a consultant who interviewed faculty, regents, legislators and students on the president's performance in the four years he has been at the University.

The board released a six-page summary Friday but did not release the report by consultant Joseph Kauffman, professor of educational administration at the University of Wisconsin, Madison, who conducted the study as well as a self-evaluation survey of the Board of Regents.

The report praised Magrath for increasing the University's credibility with the legislature, but said many faculty members felt he was giving too much attention to the regents and legislators.

"Interestingly enough," the regents' summary states, "he is criticized by some faculty and deans as overly solicitous to keep the regents and the legislature contented.

"On the other hand, some regents and some legislators wonder if he isn't too anxious to please the faculty. Both observe that he cannot please everybody and should not try. Whether this is a problem of image or substance needs to be examined," the report said.

The report stated that Magrath's strength is seen in his accessibility and responsiveness, while the same traits were used by others who were critical of him.

"He is seen by some as eager to please, too sensitive to criticism, and over-responsive to pressures," the report said. "If one likes his actions, he is described as politically astute and effective. If one dislikes his same actions, he is criticized as too political and too pragmatic."

(MORE)

The report said that internal University matters should be given attention, including improved "organizational effectiveness" and decision-making, the concerns of deans and faculty, and effective long-range planning.

The report was laudatory. "Personally," it said, "the president is seen as open, fair, humane, and accessible to those who have a need to see him. He is seen as energetic, dedicated, diligent, very hard working and intelligent."

The Board of Regents evaluation showed that many board members felt that some faculty members were too concerned about the autonomy of the University, while faculty members believed that the board should take "stronger actions" to "prevent further legislative and judicial limitations to autonomy."

Magrath told the board he was pleased with the evaluation. "I'm really delighted with the thoughtful process you have followed in conducting this evaluation and with the results," he said.

He said that he looked forward to working on the areas that were highlighted as needing improvement.

"I can say honestly that I enjoy my work most of the time and I look forward to the future," Magrath said.

"I feel the same way about being chairman of the Board of Regents," responded Wenda Moore, who released the report.

In other action, the board approved a \$748,000 addition to the University's \$638 million biennial request for the administration of student aid programs that Magrath said will be added as the result of the federal middle-income student assistance act.

The addition will be added to some \$102,000 already in the request for administration of student aid programs.

Magrath said that the number of students receiving financial aid has nearly tripled from 13,000 to 36,000 since 1973 while the budget of the student aid department has only doubled.

(MORE)

Magrath said that new financial aid programs are expected to make 12,000 more students eligible, encourage more students to seek advice on whether they qualify for aid, and require more paperwork as a result of a new quarterly rather than an annual reporting method.

Magrath also announced that he met recently with the heads of 40 other American universities to establish a Hubert H. Humphrey North-South fellowship program to bring international students to the United States in non-degree programs. The one-year visits would culminate in a workshop at the University of Minnesota sponsored by the White House and the International Communication Agency.

He also announced that Benjamin S. Pomeroy, professor of veterinary medicine, would act as interim dean of the College of Veterinary Medicine until a successor to Sidney Ewing is found. Ewing recently resigned to become head of veterinary medicine at Oklahoma State University in Stillwater.

-UNS-

(AO,1,B1;CO,1;DO,1;E15)

UNIVERSITY OF MINNESOTA  
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DECEMBER 8, 1978

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REGENTS DEBATE AFRICAN  
INVESTMENTS, DELAY ACTION

(FOR IMMEDIATE RELEASE)

A Board of Regents committee delayed until Jan. 11 action on a proposal that the University of Minnesota sell its \$14 million in stock in American corporations that do business in South Africa.

Regent David Lebedoff, a Minneapolis attorney, proposed that the board divest its stock over a period of time so that the sale would not result in a loss to the institution.

"We've got to act in a way that's not going to jeopardize the University's funds, which are ultimately the taxpayers' money," Lebedoff said.

Several board members questioned, however, the possibility of selling the stock without loss. Selling at a loss may be a violation of their legal obligation to be "prudent" in investing the University's money.

The issues raised by divestiture were discussed Thursday at a meeting of the regents' physical plant and investments committee chaired by Regent L. J. Lee of Bagley.

The discussion followed presentation of a report from a faculty-student committee which recommended divestiture. The group, called the committee on social responsibility in investments, said the University should give the companies reasonable time to withdraw from South Africa before selling the stock.

Professor Barbara Knudson and law student Jim McCarthy, who co-chair the committee, admitted that the University's divestiture would probably not stop the corporations from doing business in South Africa.

"I don't think any of us have any illusions that our portfolio is large enough to make these multi-national corporations even flinch," Knudson said, "but our significance is large beyond the size of our dollars."

Knudson recommended that the University sponsor withdrawal resolutions in nine corporations which are among the largest investors in South Africa, send letters to remaining companies giving them a time limit for withdrawal, and buy no more stock in corporations that do business in South Africa.

An administration report that the immediate sale of all stock in such corporations would result in a loss of \$454,314 to the University angered Lebedoff, who said it made proponents of divestiture appear irresponsible.

(MORE)

"Dumping all or part of our portfolio tomorrow or within the next week would, of course, be irresponsible," Lebedoff said.

After Regent Lloyd Peterson, a Paynesville farmer, questioned whether there was a contradiction between the committee's proposal and Lebedoff's plan for gradual divestiture, Knudson replied, "Our principal interest is to establish the principle that the policy of the University of Minnesota is to get out of corporations in Africa."

McCarthy said that sale of the University's stock would be a statement that the institution no longer wants its money used to bolster apartheid. "The University would be saying that we no longer want to receive profit from the enslavement of black people in South Africa," McCarthy said.

People are looking to the University of Minnesota for leadership in this area, he said, and "it's a question of what kind of an example the University wants to communicate."

Last year, the University sponsored resolutions supporting the Sullivan principles, which called on corporations to work toward improved working and social conditions for blacks in South Africa.

Since then, Knudson said, the situation in that country has become more polarized and more violent while American corporations, including General Motors which proposed the Sullivan principles, have found ways of circumventing the principles and United Nations sanctions against exporting military equipment to South Africa.

"These conditions have caused people who were gradualists to give up that position," she said. "We will come to violence in South Africa and some of us are saying 'Let's get it over with.' It's going to happen and we, in fact, are maintaining that repressive regime through our investment dollars."

Lee said that the University's involvement would not stop with divestiture if the companies refused to withdraw after the University sold its stock.

"Then the next question that is going to come before this board, as sure as I'm sitting here, is: 'They didn't pull out, now the University shouldn't be doing business with them.'

"I just point this out to the regents to show how involved this question is. It is not going to stop with a motion for divestiture. It's going to continue on much further than that," Lee said.

Patrick Eckman, student representative to the regents' committee, said that the eight student representatives unanimously voted to support divestiture.

"Not since the horror of the Vietnam war has this University seen students so vigorously active in expressing their opinion and with good reason: The immorality of apartheid in South Africa can no longer be tolerated," Eckman said.

Lee ruled out of order Eckman's request to read a statement from the South Africa Solidarity Committee, whose representative tried to interrupt the board meeting last month.

UNIVERSITY OF MINNESOTA  
NEWS SERVICE, S-68 MORRILL HALL  
100 CHURCH ST. S.E.  
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DECEMBER 12, 1978

NEWS PEOPLE: For further information  
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STUDIES ON POTENTIAL DIAGNOSTIC TOOL  
FOR CANCER CONTINUE AT U OF M

(FOR IMMEDIATE RELEASE)

Two University of Minnesota researchers have been awarded a \$35,188 grant from the American Cancer Society to continue preliminary research on the value of two substances found in urine as indicators of cancer.

Cancer specialist Athanasios Theologides and medicinal chemist Mahmoud Abdel-Monem found in an earlier study on patients with advanced cancer that monitoring the concentration of acetyl spermidines and acetylputrescine in urine may be useful in detecting cancer and predicting the effectiveness of chemotherapy early in treatment.

The substances are produced normally by the body during cell division, but the amounts differ during the course of diseases.

"The initial results were very promising," Theologides said. "But the number of patients studied was very small." In the next study, more than 100 patients at the University's Masonic Memorial Cancer Hospital will be monitored during a two-year period.

Preliminary indications of the method's success are expected by July, but a larger study must precede its widespread application, he said.

The method's greatest value may be in curbing unnecessary treatments. "We treat cancer on the basis of chance," Theologides said. "We give patients toxic cancer drugs without knowing very early if the efforts are beneficial. If this method works, we could know within weeks if a treatment is successful or if another should be tried."

-UNS-

(AO, 23, 24, B1, 4, 5, CO, 5)

UNIVERSITY OF MINNESOTA  
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DECEMBER 12, 1978

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**BELL MUSEUM TO STAY  
OPEN DURING HOLIDAYS**

**(FOR IMMEDIATE RELEASE)**

Because of demand in past years from families for activities over the Christmas and New Year holidays, the Bell Museum of Natural History at the University of Minnesota will remain open, even when the University itself is closed.

Nearby parking will be free and plentiful during the holiday season.

The popular "Touch-and-See Room" will be open from 9 a.m. to 5 p.m. Monday through Saturday, and 1 to 5 p.m. Sunday, except Christmas Eve Day, Christmas Day, New Year's Eve Day, and New Year's Day. The museum will be open Dec. 22 and 23, Dec. 26 through 30, and Jan. 2, 1979.

"American Birds," an exhibit of 40 watercolors and scratchboards by Lanesboro, Minn., artist Dana Gardner, will be open in the Jaques (JAY-kwees) Gallery through Dec. 30. Gardner's art has been featured on six covers of The Loon, the journal of the Minnesota Ornithologists' Union.

He is currently on the staff of the Western Foundation of Vertebrate Zoology in Los Angeles, Calif., working on illustrations for two books on tropical biology.

The Bell Museum is located at the corner of University Ave. and Church St., across from the Armory Building on the east Bank. Admission is free.

-UNS-

(AO,3;B1)

(FOR RELEASE ANY TIME)

Feature story from the  
University of Minnesota  
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100 Church St. S.E.  
Minneapolis, Minnesota 55455  
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CAREER PEOPLE GET CREDIT  
WHERE CREDIT IS DUE

Hugh Wagner admits to being the object of sideways glances from fellow students in his computer science classes at the University of Minnesota, Twin Cities.

They stare because it is obvious that Wagner knows a lot more about computers than the other students do.

He should, since he is the director of data processing for the Minneapolis Star and Tribune Company, where he directs a staff of people with college degrees. But Wagner has no degree and, like nearly 200 other people, is making progress toward a degree through University Without Walls (UWW) at the University of Minnesota.

Begun in 1971 as an experiment, UWW serves those who have been unable to earn a degree the traditional way. UWW students are adults who think they deserve some credit for what they have already learned. Because of their work and other commitments and because of the nature of their studies, they are unable to pursue degrees on a regular basis.

A native of East Germany, Wagner began his college career in East Berlin with business-related courses, hoping for work in the "people's economy." His studies ended when his family moved to West Germany. Wagner's brother moved to Canada, and he followed, married and began a family.

"I learned English by going to some movies 50 times," Wagner recalled. He entered the data processing field in 1956, programming the only computer in Canada at that time. Four years ago, he took a job at the Star and Tribune Company, but because he lacks a degree, Wagner has been unable to participate in graduate level continuing education programs offered by the newspaper for company executives. He applied to UWW and was accepted.

Students in UWW draw up degree plans outlining their educational goals, describing the package they will put together to meet those goals--the prior learning they

(MORE)

bring, the courses and seminars they will take, the independent study projects they will design, the work or community activities they will include--and showing how their learning will be documented and evaluated.

Documentation is the key, says Naomi Estes, a UWW student who has a full-time job at the University. "Anyone can do projects, but UWW forces you to demonstrate what you've learned and how you've changed. It's a lot tougher than a traditional program, but also much more rewarding."

Despite the extra demands his UWW studies place on his time, Wagner is enthusiastic about the program and is strong in his recommendation that others try UWW.

The traditional approach to a degree ended in frustration for John Beaulieu, who enrolled in General College at the University in 1971 without a clear idea of his educational goals. A try at a new Indian program at St. Olaf College in Northfield provided a change in scenery, but he still felt without direction.

Beaulieu left school and busied himself in a variety of jobs, including working with Upward Bound, and a stint as a drug counselor. He took a job as a counselor for Hans Christian Andersen School in south Minneapolis, but felt hampered by the lack of a degree.

Enrollment in UWW has been like "working backwards for my degree," Beaulieu said. He has combined much of his past experience with current activities to fulfill UWW requirements.

For a student to be admitted to UWW, the application must show clarity of goals and an ability to design an independent study project and pose questions that "are focused and have some chance of being answered," said Catherine Marienau, UWW director.

Except in the regular courses they take, UWW students do not receive grades or credits. Their work is reflected in narrative evaluations. The graduation dossier includes a narrative transcript, selected examples of work, and a comprehensive statement showing how each of seven graduation criteria has been met. "Compiling a dossier is a chance for students to reflect again on what they've been involved in and weave some integration into their programs," Marienau said.

(MORE)

Each dossier is reviewed by the student's UWW adviser, the faculty adviser in the student's major, and a second UWW adviser "to make sure that the student has completed all the activities and carried them out in a quality manner," Marienau said. Then a graduation committee is formed and the work is submitted to a "very thorough and rigorous review." Although it can be hard on students who are told they must do further work, she said, "I think it speaks well of the process."

Applications to UWW fell off dramatically after rumors that it was being phased out began to circulate. A thorough review by a University committee last year resulted in an extension of UWW for another three years, and the evaluation committee has recommended that it become permanent.

But an earlier committee had recommended that UWW be terminated, and some people who remember hearing about the death sentence never heard or have forgotten that the program was given new life. "Unfortunately, the impression that we are being phased out is a difficult one to dispel," Marienau said.

A strong supporter of UWW, Scott Rostron of Coon Rapids stresses the differences between the program and the usual way of earning a degree. "The level of achievement is more than that needed for a bachelor's degree under the usual circumstances," said Rostron, who completed his degree through UWW after spending three years as a full-time day school student.

Although confined to a wheelchair, Rostron said he did not switch to UWW because of problems of accessibility. Now working for the Department of Vocational Rehabilitation as assistant director of program management and support, Rostron said he needed to gain a broader perspective and a better feeling for his area of work not available in the classroom. Rostron feels UWW students must be more committed to their educational goals and more self-directed than traditional students. "I was a creator of my destiny and was not just picking classes and playing the game of going to school," he said.

UNIVERSITY OF MINNESOTA  
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U OF M OUTLINES DETAILS  
OF 1979-81 REQUEST

(FOR IMMEDIATE RELEASE)

Details of the University of Minnesota's \$97.5 million requested increase in its operating budget for the 1979-81 biennium were outlined Wednesday by President C. Peter Magrath to Governor-elect Al Quie and members of his administration.

The University's \$639 million total request includes some 113 new academic positions and about 114 new civil service positions, Magrath said. The requested increase is about 18 percent above the appropriation of the last biennium.

Magrath told Quie that the University's request does not follow some of the guidelines Quie and outgoing Gov. Rudy Perpich gave to state agencies to hold the line on increases in staff and budget.

"In some specifics," Magrath said, "we are not in conformity with the guidelines but we believe we are within the spirit of the guidelines."

Magrath said that most of the requested increase--about 61 percent--is needed because of inflation. Another 10 percent is necessary to comply with various kinds of government regulations, such as access for the handicapped, occupational health and safety, and women's athletics, he said.

The "inflation-related" portion of the request includes \$41.9 million for 11 percent faculty salary increases in each year of the biennium.

In response to a question, Magrath said that he is waiting for details on President Carter's voluntary 7 percent wage increase guidelines, which may allow for situations in which salaries have not kept pace with inflation.

"We feel that there are some provisions in President Carter's guidelines that cover our request," Magrath said. "I'm not proposing to throw over our salary proposal at this time."

Magrath said that between 7 and 8 percent of the salary request is related to projected inflation while an additional 3 percent is to "somewhat mitigate the losses in purchasing power the faculty have lost in the last three years." The percentages include fringe benefits, he said.

Magrath said that the 7 percent and 6.5 percent increases the faculty received over the past two years were not enough to keep pace with the inflation rate. In 1977, the University had requested 13.5 and 8 percent increases for the two years of the current biennium.

(MORE)

The University's operating budget request--which does not include civil service salaries, a requested subsidy to hold tuition down, and some \$100 million sought for new buildings and other capital improvements--will be presented to the 1979 Legislature in January.

Quie will have to take the University's request into account when he prepares his budget message for next month. The governor's recommendations frequently become the basis for discussion at legislative hearings on the request.

Quie attended about the first hour of the day-long presentation by University officials. Lt. Governor-elect Lou Wangberg presided over most of the day's discussion, which was confined solely to increases the University has proposed in its budget.

Cutbacks in the current base are being undertaken through an internal process of "retrenchment and reallocation" in which some budget cuts will be made to allow the University to match legislative appropriations in some areas and add other programs without additional state aid, Magrath said.

Increased state investments in some areas such as agriculture, business and mineral technology could have economic payoffs to the state, Magrath said. He cited the example of Era wheat which, he said, was developed for \$300,000. Increased yields since 1970 have boosted farm income by \$220 million.

"There are some areas in which increased activity--modest but increased--would have big payoffs," Magrath said.

A Bureau of Business Research request for an additional \$100,000 would "pay off many times" if a single business decided to locate in Minnesota, and an additional \$800,000 for the Mineral Resources Research Center would be matched with federal money and could help in the development of Minnesota's copper nickel resources, Magrath said.

Basic research money helps generate projects that then attract federal money, he said. Basic research involves studies that have no foreseeable practical applications.

"We get a tremendous multiplier from basic research money but it is very hard to get," Magrath said.

-UNS-

(AO, 1; B1, 10; CO, 1)

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Feature story from the  
University of Minnesota  
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GREEK GIRL, STUFFED BEAR  
SHARE TREATMENT AT 'U' HOSPITALS

By Bob Lee  
University News Service

When six-and-a-half-year-old Marianthi Trikoupis takes her medicine at University of Minnesota Hospitals, her stuffed bear does too.

Marianthi came to Minneapolis from Salonika, Greece, because she had a tumor on one of her kidneys. When she stoically endures her chemotherapy treatments she gives the bear the needle too.

Four months ago Marianthi began to suffer from abdominal pain, a symptom of appendicitis. When surgeons operated they found she had a tumor on her right kidney --a condition known as Wilms's tumor.

A common form of cancer in children, Wilms's tumor results when the embryonic kidney cells become malignant. The physicians told the Trikoupis family that not much could be done to remove the tumor.

In October Marianthi's uncle, Father Parry Paraschou of St. George's Greek Orthodox Church in St. Paul, received a letter from his sister and asked his congregation to pray for his niece. One of the parishoners was familiar with the cancer work at the University of Minnesota and suggested Father Paraschou talk to Dr. Athanasios Theologides and Dr. William Krivit.

Krivit, a specialist in children's cancer, contacted the doctors in Greece. "As soon as I saw the kidney picture (intravenous pyelogram) I knew it wasn't inoperable," Krivit said, "and I told the family they could go to Paris, London, New York or, because her uncle was here, they could come to the University."

There was no time to waste. Theologides translated her medical records to English.

Marianthi and her mother, Rodoniki, arrived here Nov. 8 and a week later the cancerous kidney was removed. The treatment continued with a combination of two

(MORE)

drugs for five days. The drugs made Marianthi nauseated, and she must now regain her strength before she can leave the hospital. She still has six weeks of radiation treatment, but can take those as an outpatient living with her uncle and his family.

Just before she goes home to Greece she'll receive another five-day series of chemotherapy treatments. In Greece Marianthi will receive follow-up chemotherapy four times a year for two years.

This has been a bewildering time for the slight, shy, brown-eyed girl 6,900 miles from home and the rest of her family--her father, three sisters and a brother.

Her mother is constantly at her bedside to comfort her and, even though she understands little English, translate for the physicians and nurses with a Greek-to-English dictionary. Cheryl Olson, one of Marianthi's nurses, said Marianthi's mother has quickly learned to help do many nursing activities for her daughter.

The language barrier has been breached by several volunteers from Father Paraschou's church and from the University's International Center, who stop by three or four times a day. A sheet of paper with commonly-used phrases translated into phonetic Greek has been taped to a window by Marianthi's bed.

Even with the translators and the basic word list, medical staff members find themselves using body language and facial expressions in communicating with Marianthi.

The Greek Orthodox Archdiocese of Athens and Olympic Airlines have provided air fare for Marianthi and her mother. University physicians have waived their fees, but the daily hospital costs are expected to total \$20,000 before Marianthi leaves.

To help alleviate the financial burden of her hospitalization and treatment, friends have established a "Love Marianthi Fund" at the First National Bank of St. Paul. (Contributions can be mailed to Love Marianthi Trikoupis Trust, c/o First National Bank of St. Paul, 332 Minnesota Street, St. Paul, MN 55101.)

-UNS-

(AO, 23, 24; B1, 4, 5; CO, 5; DO, 5)

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Telephone: (612) 373-5193  
December 19, 1978

MAKE RESOLUTIONS BEFORE  
NEW YEAR'S DAY, PROF SAYS

By Bob Lee  
University News Service

New Year's resolutions should not be made on New Year's Day--when your head's groggy and you're beginning to wonder how you'll pay for the Christmas gifts.

According to University of Minnesota psychiatrist John Brantner, now is the time to make those resolutions--while stress levels are relatively low.

Should you be without resolutions, Brantner has compiled an all-purpose list, which we'll call Professor John Brantner's Abridged Listing of Techniques for Staying Alive:

Learn as much as you can about nutrition, and revise your diet at ages 1, 2, 12, 20, 40, 50, 65, and more often if necessary.

Eat yogurt and cottage cheese often.

Subtract, reduce, or eliminate from your diet meat, added salt, and added sugar.

Increase your intake of indigestible fiber.

Stay off trampolines.

Don't smoke cigarettes made of tobacco.

Always use stair railings, especially when descending.

Don't drink alcohol; or else get sound instruction in its sensible use.

Always fasten your seat belt.

Take lessons in how to fall without hurting yourself.

Never sleep above the seventh floor (this varies with the length of available firefighters' ladders).

Know where the fire exits are.

Exercise until you pant--every day.

Consciously relax every muscle in your body, even the hidden ones, every day.

(MORE)

RESOLUTIONS

-2-

Move every joint in your body through its full range of motion--every day (especially the less obvious joints).

Be skinny, but not too skinny.

Stay off the streets and highways after 10 p.m. If you must drive, act as if the other drivers were drunken incompetents out to kill you (20 percent are).

Take all lumps, oddities and frights to your physician. If your physician doesn't recognize you on the street, you're not going often enough.

Try to be a member of a household. Try never to live alone more than a few months at a time.

Be sure there is always someone who will worry and investigate if you don't call every day.

Sleep with a bright night light.

Live as close as possible to the northern tier of states, especially Minnesota (and don't believe the recent tourist propaganda about the alluring features of Detroit.)

Wear your life preserver.

Do not amass a large and enviable fortune.

Learn to daydream well and effectively. It may save your sanity and even your life. Take lessons.

Fidget.

Learn to complain effectively.

Sometimes go with sadness, but don't let it get you down.

Talk to strangers.

Don't sit quietly at your desk with your hands folded. You'll die.

Don't feed the bears.

Stay out of the tub during thunderstorms.

Don't look at tornadoes.

-UNS-

(AO, 6; B1, 4, 5; CO, 5; DO, 5; E6)

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U OF M PROF SEES POTENTIAL HAZARD  
IN CONSUMPTION OF SOME CANNED FOODS

By Mark E. Canney  
University News Service

Consumption of certain soft drinks and canned foods may pose a danger because of the presence of tin in these foods, according to research by a University of Minnesota scientist.

Dr. John Wood, director of the Gray Freshwater Biological Institute and a major contributor to recent research done on mercury poisoning, has found that tin in the human diet may pose the same threat as mercury.

In 1968, Wood headed a team that discovered the process through which non-toxic mercury is transformed into the highly toxic methyl mercury.

According to an article by Wood in the July, 1977, issue of Science magazine, tin goes through a similar methylation process within the human body. The tin is methylated by normally occurring bacteria in the gastrointestinal tract, according to Wood. (Methylation is the process by which a carbon- and hydrogen-containing group is attached to the metal. When this happens the metal becomes toxic.)

The stannous chloride or tin chloride present in some soft drinks is one source of tin in the human diet, Wood said. Stannous chloride is used in carbonated lemon-lime diet soft drinks.

"The only function of stannous chloride is to maintain transparency or lack of color in the diet soft drinks," Wood said. The additive is used only in diet drinks since sugar will preserve the lack of color in non-diet drinks.

Since the methylation process takes place in the intestine, ingestion of the tin compound is necessary. Stannous fluoride present in some toothpastes is not a problem since toothpaste is not normally swallowed, Wood said.

(MORE)

Humans also ingest tin when eating acidic fruits or vegetables that have been canned, Wood said. The acid in foods such as tomato products and canned citrus fruits can leach tin from the inside of the can.

"The longer the acidic food remains in a can, the more tin is taken out of the can and put in the food," Wood said.

Methylated tin, like methylated mercury, is a neurotoxin, a toxin that attacks the central nervous system. Symptoms of neurotoxic poisoning are an initial numbness of the fingers and lips followed by a loss of speech and hearing. Eventually, the afflicted person becomes spastic, and it is at this point, Wood said, that the damage is irreversible. The end result of such poisoning is coma and eventually death.

"The danger of methylated metal poisoning is acute in the human fetus," Wood said. Both the placenta and the brain are constructed for the quick passage of oxygen across the cell membranes and as a result, they absorb methylated metals at a fast rate. Since this tissue does not have the filtering capabilities of other body tissues, the metals accumulate.

While men who have consumed doses of methylated mercury show the effects of that consumption, their pregnant wives do not, Wood said. Instead, the effects are manifested in the fetuses. Offspring of mothers exposed to large doses of methylated mercury showed the effects of poisoning at birth, he said.

Wood reported his results at a recent meeting sponsored by the Canadian Center for Inland Waterways. He has since been contacted by representatives of the 7-Up Company in Canada and a can manufacturer in the United States.

According to Wood, there are some solutions to the tin intake problem. "It's a problem of economics," he said. "Stannous chloride is the cheapest additive of its type available at this time."

While it is more expensive, ascorbic acid, also known as vitamin C, works just as well as the tin compound in keeping diet drinks transparent, Wood said.

It may also be possible to coat the inside of tin cans used in packaging acidic fruits and vegetables, he said. Wood feels the extra expense is outweighed by the possible effects of human intake of dangerous metals.

(MORE)

Wood concedes that not much is known about the amount of tin currently in the human diet. Scientists also working on the problem have measured methylated tin in urine and blood of humans.

"The use of tin in advanced industrial societies has increased fourteen-fold over the last 10 years," Wood warns. This increase, along with the widespread use of other potentially dangerous metals such as lead, arsenic, and mercury, could pose a serious metal poisoning hazard for humans, he said.

-UNS-

(AO, 4; B1, 5; CO, 4; DO, 4; EO, 4, 18)

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'TOY SEASON' IS YEAR 'ROUND  
FOR TWO U OF M PROFS

By Judy Vick  
University News Service

The "Toy Season" may soon be over for most families, but for two University of Minnesota professors that part of Christmas lasts year-around.

Malcolm Myers and David Feinberg, who teach in the Twin Cities studio arts department, both began playing with and collecting toys some 60 and 30 years ago, respectively. Varying from the normal pattern, they didn't outgrow their love for toys.

Myers has devoted two rooms in his Kenwood mansion to his collection. Feinberg has reserved one room of his new Golden Valley house for his playthings. Puppets hang from the ceilings and toy soldiers stand on the mantelpieces in both these unusual households.

The toys, however, are not just for amusement, the two men emphasize. Both appreciate the art of toymaking, and both have used their collections for inspiration in creating their art works.

"I enjoy them as works of art," Myers said. "They are worth collecting when you realize how much time and effort has gone into making them. Making toys is a real craft."

"Visually they are exciting because they set up a different attitude--a different scale, which gives you a new perception," Feinberg said. "Toys are real folk art. They are the conceptual art of the time.

"When you're making things for kids, you can do anything you want, be really goofy, like putting wheels on a cat. And the colors are not inhibited," he added.

(MORE)

Neither professor knows exactly how many toys he has, but each conservatively estimates "hundreds," ranging from many, many tiny toy soldiers, cowboys, and Indian figures to large puppets and mechanical toys.

Feinberg's prize is a 1930 Buddy L fire truck with a ladder that operates with a hydraulic lift. One of Myers's special possessions is a mechanical Tootsie-Toy he bought for 25 cents at a Boulder, Colo., estate sale. The little man is now valued at \$125.

Although both men have always been interested in toys they began to intensify their activities about seven years ago when Feinberg joined the Minnesota faculty and they discovered their mutual enthusiasm. They began trading toys.

Neither considers himself a "pure" toy collector. They don't specialize in particular kinds of toys and although they are interested in the history of the objects, they don't concentrate on it. "We collect more for artistic reasons than for collecting reasons," Feinberg said.

They do, however, prefer old or antique toys and when well-meaning friends give them "modern plastic stuff" it usually winds up in the hands of neighborhood children.

Each man has his own method of collecting. Myers has a "trap line" he follows through Kansas, Missouri, and Colorado, visiting friends and relatives and stopping at sales. Feinberg has made several good purchases through friends who are in the antique business in his native New York. Both will trade works of art for toys they particularly want.

In addition to their other values, the toys can lift Feinberg's spirits.

"When I'm in a bad mood I go into the toy room and it takes me out of it," he said. "Your mind gets lost in all the ideas around you. It puts you into a fantasy world."

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CREATIVE ARTS WORKSHOPS  
FOR CHILDREN SCHEDULED

(FOR IMMEDIATE RELEASE)

Creative arts workshops for five - to ten-year-old children will be offered for 10 weeks beginning Saturday, Jan. 13, at the University of Minnesota Institute of Child Development, 51 East River Road, Minneapolis.

The classes are designed to supplement the conventional art experiences children receive in school. Projects are selected to explore the range of visual arts.

The workshops are sponsored by the Institute of Child Development and the art education program. Fee for the classes is \$20.

Registration materials are available from the Institute of Child Development.

-UNS-

(AO,2,27;B1)

UNIVERSITY OF MINNESOTA  
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BRAINWASHING PROPOSED AS DEFENSE  
FOR HEARST-LIKE CRIMINAL CASES

(FOR IMMEDIATE RELEASE)

Brainwashing, like insanity, should be a legal defense plea available to defendants like Patricia Hearst who are accused of criminal acts, according to an article in the Minnesota Law Review.

Richard Delgado, visiting professor of law at the University of California, Los Angeles, outlines a proposed "coercive persuasion" or "thought reform" defense in an article to be published in the legal journal next week.

The legal concept involved in the plea would be similar to that employed by some California courts, which have allowed a defense of hypnosis if the mental responsibility for a crime belongs to someone other than the person who physically acts it out.

"Coercive persuasion" and "thought reform" are terms which Delgado uses to describe an indoctrination process which begins with a person being kidnapped and forced to abandon his existing political, religious or social beliefs.

Hearst, daughter of millionaire publisher Randolph Hearst, was kidnapped in 1974 and eventually convicted of armed robbery for her part in escapades with the group known as the Symbionese Liberation Army.

Delgado proposes a defense theory that could be used in appeals of the Hearst case.

The lack of a new theory to cover the case, he said, could mean "denying a defense to a class of defendants who are, by ordinary moral intuitions, often more victims than perpetrators."

Delgado said that thought reform was first analyzed by the Defense Department in its studies of American prisoners of war who returned from the Korean conflict.

Military authorities found, he said, "that a determined captor, possessing total control over the life and environment of a captive, can produce behavioral and attitudinal change in even the most strongly resistant individual."

Similar thought reform processes are used by many religious cults but the coercive persuasion defense would apply only to cases in which the individual was initially forced to join the group which came to dominate him, Delgado said.

Under these circumstances, the female followers of convicted murderer Charles Manson would not qualify for the coercive persuasion defense even though they were subjected to a form of thought reform, Delgado said.

"The frequency with which such cases arise is likely to accelerate as social conditions conducive to terrorism and other forms of psychologically totalistic behavior continue, and as the potential utility of thought reform methods becomes more widely known among extremist groups," he said.

Delgado said that the brainwashing process is different from hypnosis, and that the state of mind which results from it cannot legally be classified as insanity.

"The victim of brainwashing, by contrast, acts voluntarily and is usually aware of the wrongfulness of his acts," Delgado writes.

Among the conditions which could result in coercive persuasion are the use of "unusual or abnormal influences, including drugs, hypnosis, prolonged confinement, physiological depletion, and deliberate manipulation of guilt, terror and anxiety," he said.

He said that "all or many" of several conditions should be necessary to use the coercive persuasion defense--the use of abnormal influences, a sharp departure from the individual's previous manner of thinking, an imposed rather than self-induced mental state, acts which benefit the captor rather than the defendant, rejection of the behavior once the defendant understands how he has been brainwashed, and symptoms of the "coercively persuaded personality."

The complicated issues will have to be sorted out by juries in individual cases, Delgado said.

(MORE)

"The different forms of influence may be viewed as lying along a continuum, with mild forms such as television advertising and church sermons at one end, and more severe forms at the other," he said.

Among the facts that will have to be taken into account, he said, are the experiences undergone by a defendant, such as imprisonment, isolation, sensory deprivation, interrogation, and terror.

"These mechanisms are so different from those of ordinary attitudinal change that, even without a medical model, a jury should be able to determine whether or not a particular defendant has in fact been coercively persuaded," he said.

Rehabilitation and punishment may not be applicable to cases in which a defendant has returned to his earlier state of mind by the time of his trial, Delgado said.

Delgado proposes a process to protect society from abuse of the plea and future criminal acts by the defendant.

The defendant should be given the opportunity to voluntarily submit to deprogramming monitored by a psychologist to prevent abuse or an attorney to protect the defendant's rights, he said.

The defendant's captors should be given primary responsibility for the criminal acts, Delgado said.

Delgado, who is teaching at UCLA this year, has a regular appointment as associate professor of law at the University of Washington.

A rebuttal of Delgado's proposal is planned for a later issue of the Minnesota Law Review, which is published six times a year by students in the University of Minnesota Law School.

-UNS-

(AO, 6, 13, 21, 28, 33; B1, 6; CO, 6; DO, 6; E6; F5)

UNIVERSITY OF MINNESOTA  
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DECEMBER 21, 1978

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BREAST TUMORS NOT ALL ALIKE,  
U OF M RESEARCH REVEALS

(FOR IMMEDIATE RELEASE)

A University of Minnesota study has shown that not all breast cancer tumors are alike, and that the presence of "estrogen receptors" in some tumors appears to increase significantly the effectiveness of chemotherapy.

The results of the study indicate that all breast cancer patients should be tested for these receptors following mastectomies, or when tumors recur in later years, said oncologist David Kiang, director of the research team. Many hospitals do not routinely give the test to patients who have had surgery, he said.

The study also confirmed an earlier finding that hormonal therapy is useful only on breast tumors containing the receptors.

The new information means that more effective treatment for recurrent breast tumors can be given if the test is used, Kiang said. Breast tumors lacking the receptors should probably receive immediate intensive chemotherapy, he said, whereas minimal chemotherapy or hormonal therapy may suffice for tumors containing the receptors.

Scientists believe that about half of all breast cancer tumors involve estrogen receptors, which seek out the estrogen (a female hormone) necessary for the tumor's growth. Hormonal therapy can check the recurrence of estrogen-related breast cancer following surgery by upsetting the body's balance of estrogen. When this is not effective, anti-cancer drugs are given (chemotherapy).

The study, reported in a recent issue of the New England Journal of Medicine, found that 86 percent of the patients whose tumors contained estrogen receptors responded favorably to chemotherapy. In contrast, the response rate for patients without the receptors was only 36 percent.

(MORE)

The University of Minnesota findings contradict a similar National Cancer Institute (NCI) study released in July in which only 12 percent of the patients with estrogen-related tumors responded to the chemotherapy. Minnesota researchers believe the low response reported by NCI resulted from a patient sample that was not representative of all breast cancer patients.

The breast is the most common site of cancer in women. Some 90,000 American women develop breast cancer each year. In the study, cancer specialists analyzed clinical data from 143 women over age 55 who had recurrent breast cancer. Members of the research team included Daniel Frenning, Anne Goldman, Virginia Ascensao, and B. J. Kennedy.

-UNS-

(AO, 22, 23, 24; B1, 4, 5; CO, 5; DO, 5; E23, 24)

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'U' PHOTO EXHIBITION  
AT NORMANDALE COLLEGE

(FOR IMMEDIATE RELEASE)

A child playing his violin, mannequins used in a research program, dancing students, organ pipes, and theater costumes are among the subjects shown in "Pictures from the University," a photography exhibition opening Tuesday, Jan. 2, in the College Center of Normandale Community College, 9700 France Ave. S., Bloomington.

The 24 photos were taken by University of Minnesota staff photographer Tom Foley. They show "little corners of the University that people don't usually see," Foley explained.

The exhibition will be at Normandale through Jan. 26. The Center is open to the public from 7:30 a.m. to 10:30 p.m. Monday through Thursday; from 7:30 a.m. to 4:30 p.m. Friday; and from 7 a.m. to 3:30 p.m. Saturday. It is closed Sunday.

-UNS-

(AO,2,31;B1)

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U OF M RECEIVES GRANT TO STUDY  
FAMILY IMPACT OF CHILDHOOD DISEASE

(FCR IMMEDIATE RELEASE)

The University of Minnesota School of Nursing has received a \$17,367 grant from the St. Paul Foundation for a pilot study of the psychological and social impact of childhood cancer on the patient and the family.

Nursing professor Ida Martinson, who will direct the one-year study, said it represents the school's first attempt to document systematically the impact of childhood care. "We hope such research will lead to improved nursing intervention for reducing the emotional distress associated with life-threatening diseases like childhood cancer," she said.

The grant is the first the nursing school has received from the Minnesota-based private foundation. The St. Paul Foundation supports programs in education, the arts and humanities, health and human services.

-UNS-

(AO,22,23;B1,4,5;CO;E17)

(FOR RELEASE ANYTIME)

Feature story from the  
University of Minnesota  
News Service, S-68 Morrill Hall  
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### 'ZOOT SUIT' NEEDED FOR 'U' COLLECTION

By Judy Vick  
University News Service

Do you have a "zoot suit" in your attic? Or a "first-edition" Eisenhower jacket packed away in your basement?

These and other fashions from the past are sought for the costume collection of the Goldstein Gallery at the University of Minnesota, Twin Cities.

When they're found--and curator Suman Shenoi is convinced they will be-- these items will be added to the more than 15,000 pieces in the collection.

The collection includes clothing dating back to 1810 as well as such related items as a group of fashion publications given by retired Minneapolis advertising man Eddie Schwartz. Contributions including gowns, suits, hats, shoes, fans, and underwear have come from University alumni, faculty, and students and from several prominent Twin Cities families including the Weyerhaeusers, Irvines, Hannafords, Elsingers, Fitermans, and Salisburys. Most of the clothing was worn by women and children, but there is a small section of men's wearing apparel, which Shenoi would like to enlarge.

She would also like to add items worn by past University presidents and members of their families. "We don't have a single item from a University president," she said.

In addition to the historic items, the costume collection includes 500 contemporary designer gowns, many of them contributed by the Minneapolis-St. Paul Fashion Group, Inc.

All of the clothing is stored in a climate-controlled room with cupboards lined with washed muslin and acid-free tissue paper. All of the items, except the most delicate historic pieces, are cleaned when they are received and

(MORE)

thereafter are worn only by mannequins. Once a year there is a major exhibition in the gallery.

The collection, however, is not for display only. It is regularly used by University students who study the garments for classes in design, textiles, and clothing.

Shenoi has been in charge of the collection since the gallery opened in 1976. (Retired faculty member Helen Ludwig started the collection in the 1950s.) Of Indian descent, Shenoi grew up in Kenya and came to the United States in 1962 with her husband, a professor of electrical engineering. They have a 10-year-old son and an 8-year-old daughter.

"I love working with the costumes," she said. "They are personal. You get to know the people who wore them. And I like to have people come and look at them and share the history. When we know the history behind the garments it makes them more special."

One item with special history is a 1922 wedding gown which was given along with shoes and accessories, place cards and a piece of the wedding cake.

The idea for the gallery originated with Gertrude Esteros, head of the design department. It was named in honor of the Goldstein sisters, Harriet and Vetta, who taught related art at the University for many years and co-authored a text book, "Art in Everyday Life," first published in 1925. Harriet died in 1974 at the age of 91. Vetta now lives in Los Angeles, Calif.

In addition to the costume collection, the design department maintains a decorative arts collection in connection with the gallery. Its acting curator, Tim Blade, cares for and is cataloging 1,200 fabric, ceramic, glassware, metal, wood, and natural-fiber objects. The department also maintains a collection of rare books about the decorative arts, donated primarily by Fritz Weber and the estate of Tobe LeVoy.

(MORE)

Student assistants also work with the gallery collection. One of them is supported each year with funds given by the Fashion Group.

The gallery also has active faculty support. Artist Eugene Larkin of the design department has created a limited edition of a woodcut entitled "Snow Field" that he is giving to anyone who contributes \$100 or more to the gallery.

-UNS-

(AO,2,31;B1;E31;G7,30)

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DECEMBER 29, 1978

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U OF M SAMPLER LECTURES  
SET FOR WINTER MONTHS

(FOR IMMEDIATE RELEASE)

Biological rhythms, nutritional requirements for physical exercise, and the genetics of cancer will be among the subjects covered in 12 sampler lectures offered by Continuing Education and Extension at the University of Minnesota.

The \$1 lectures--some of them part of regular University evening classes--will be presented at 7:30 p.m. in 140 Nolte Center, 315 Pillsbury Drive S.E., on the Minneapolis campus.

The scheduled lectures and subjects are:

Wednesday, Jan. 10--Biological rhythms.

Wednesday, Jan. 17--Proper use of over-the-counter drugs.

Thursday, Jan. 18--Hydroculture in the home: Growing plants without soil. (This lecture will be in 495 Hodson Hall on the St. Paul campus. Contact Continuing Education and Extension at 376-7500 for a map.)

Wednesday, Jan. 24--Assumptions that interfere with creative problem-solving.

Wednesday, Jan. 31--Flavor chemistry: Where does food flavor come from?

Thursday, Feb. 1--Formation of the Mississippi River and the retreat of St. Anthony Falls.

Wednesday, Feb. 7--The genetics of cancer in man.

Wednesday, Feb. 14--Nutrition requirements for physical exercise and athletic activity.

Wednesday, Feb. 21--Individual conflict resolution.

Thursday, Feb. 22--Psychology of the liar in the Old Testament and Shakespeare.

Thursday, March 8--Suicide: How does it become an option and what can we do when this happens?

Wednesday, March 14--Changes in forms of arts today: Painting, sculpture and photography.

Registration is \$1 per lecture or \$3 for four lectures. Persons 62 years of age and older may attend free. For more information contact Sampler Lectures, University of Minnesota, 180 Westbrook Hall, 77 Pleasant St. S.E., Minneapolis, Minn. 55455.

-UNS-

(AO, 3; B1, 8)

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NEW JOBS FOR TEACHERS  
SUBJECT OF U OF M WORKSHOP

(FOR IMMEDIATE RELEASE)

Declining school enrollments have forced many communities to close schools. Teachers with no students are faced with unemployment.

"New Careers for Teachers" will be the subject of a University of Minnesota workshop, sponsored by the Department of Conferences, Saturday, Jan. 13, from 9 a.m. to 3 p.m. on the Minneapolis campus.

Speakers will include a panel of former teachers. Tuition for the non-credit class is \$30.

Conflict at work and how to deal with it will be discussed during a three-hour workshop Monday, Feb. 5, beginning at 7 p.m. Tuition is \$15.

Assertive communication for health professionals will be the subject of a one-day workshop Friday, Feb. 16. The workshop will include a presentation on alternate styles of communications. Tuition for the class is \$30.

All three workshops will be in the Nolte Center Library, 315 Pillsbury Drive S.E.

Registration information for all three workshops is available from the Department of Conferences, Nolte Center for Continuing Education, University of Minnesota, 315 Pillsbury Drive S.E., Minneapolis, Minn. 55455.

-UNS-

(AO,3,14;B1,8;CO)

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University of Minnesota  
News Service, S-68 Morrill Hall  
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SCHOOL ART PROJECTS  
CRAMP KIDS' STYLE

By Maureen Smith  
University News Service

If you are like most adults, you draw the way you did when you were 10 years old. Your verbal and mathematical skills have advanced, but you never went beyond the childhood level in art.

Michael Day, head of the art education program at the University of Minnesota, Twin Cities, thinks it's "a tragedy of sorts." Without adequate instruction in art, he said, most children give up when they reach an age of critical awareness and are not satisfied with their drawings. A rich opportunity for expression is then cut off.

All over the world, almost all young children draw. They start by scribbling, and "they actually learn quite a bit from their scribbles," Day said. They learn that they can make something happen, that they can literally "make a mark on the world."

As children scribble they begin to "develop a repertoire or vocabulary of marks," Day said. Between the ages of two and four they typically start to make little shapes. The next step is to invent symbols by attaching meaning to shapes, calling a shape "mommy" or "me." Day said this primitive but significant symbol is "usually a circular shape that emerges from pages of scribbles and marks."

Day drew an analogy with the development of speech. "Scribbles are similar to the babbling sounds," he said. "Naming a scribble is similar to learning a word."

At this early stage, he said, "most adults view children's figure representations as heads with arms and legs protruding where the ears and neck ought to be." Such seemingly incorrect depictions of the human figure are puzzling to adults who know that the child is aware of the major body parts and their relationships.

(MORE)

"The puzzle is solved," Day said, "when one realizes that the circular shape that appears to be the head is really the child's primitive symbol for 'person.' The symbol is developed through additional marks that result in 'person with eyes and a mouth,' 'person with hair,' and 'person with arms and legs.'"

From scribbling marks and primitive symbols children move to schematic drawing systems, Day said. Usually between the ages of six and eight they develop certain ways of drawing. "Little girls often draw little girls. They'll do it the same way over and over again, using pretty much the same basic symbol" with perhaps some variation in the clothing or the hair.

Each of these developmental steps--from scribbles to symbols to schemata--is "a spontaneous occurrence common to children from all parts of the world," Day said.

Another developmental progression is in the shapes children are able to draw. Circular shapes seem to be easiest for children. It might take a couple of years more before they can manage horizontal and vertical lines and draw anything resembling a square. Diagonal lines come later still. "Of the basic shapes, the last thing they can do is the diamond," Day said.

Children also develop in their depiction of spatial relationships. Three- and four-year-olds "think the world revolves around them," and in their drawings the "me" symbol is typically in the center with other persons and objects orbiting around it.

A child who has become aware that people and objects do not float in space is likely to draw figures with their feet planted on the bottom of the page. More sophisticated older children (eight or nine years old) will depict figures on a base line.

Children draw pictures about the things that are interesting in their own lives, Day said, and their drawings offer "insight into what they are thinking and feeling." Drawings give children a chance to "work out relationships in the real world in a form they can control. Things can turn out just the way they want them to."

Another advantage of drawing is that children are free to develop their own symbol systems, he said. In school they have to learn the conventional verbal and mathematical symbol systems, but when they draw they can express themselves in their own way.

"Because of the spontaneity of fundamental drawing behavior," Day said, "no instruction is required at early ages." But appropriate instruction could enhance the process, and children need to develop technical competence if they are to continue drawing as they enter adolescence.

"Children's verbal language development is one of the primary concerns of parents and educators and occupies a large proportion of time spent in the education of children," Day said. By contrast, he said, children's "drawing development is virtually unattended to in the schools and in many homes as well."

(MORE)

Children with natural artistic talent often go unrecognized in school, he said. "Some kids pick up math easily, other kids are very verbal, some are very visual. Those who are artistically oriented don't have the opportunity to excel."

Day recently talked with a young woman in one of his classes who showed a natural but undeveloped talent for drawing. She always liked to draw, she told him, but nobody encouraged her and she felt inferior to her academically gifted sister. "She never had the opportunity to develop in the area where she probably would have excelled," Day said. "She never received recognition. I just think that's too bad."

Whether or not they excel in verbal and mathematical skills, Day said, children are cheated when the opportunity for artistic expression is blocked.

Art projects in the schools often stifle creativity, he said. "There are a lot of stereotyped projects." He pulled out what he called a typical example. The children had traced around a shape of a tree--"a pretty dumb tree, to tell you the truth"--and had wadded up little pieces of paper and attached them to the tree to represent flowers or fruit.

"You would walk in the room and see 30 of these hanging up on the wall," Day said. "The kids sort of follow directions and that's about all. There isn't any expression or learning." In other typical projects, the children had been told to recreate someone else's version of a leprechaun or an Easter bunny.

"These are cute little projects that the teachers plan, and some of the parents really like to see that kind of thing, but they are of questionable value. The message the teacher is communicating is, 'You're not able to draw a leprechaun, so I'll give you one.'"

For similar reasons, Day doesn't like coloring books. Besides, he said, "so many coloring books are such poor art. The drawings are really stereotypes in themselves. If I wanted my kids to copy somebody else's drawing, I would expose them to the best instead of the poorest.

"Coloring books tend to be baby-sitters. I suppose that's all right once in a while, but children will stay engrossed longer in their own work. Coloring in a coloring book is a pretty mundane activity."

It isn't necessary to turn to coloring books, Day suggested, when the tools for original drawing are so readily at hand. "You just have to have a pencil or some crayons and a piece of paper. I don't think there's any other way a kid can be creative so easily."