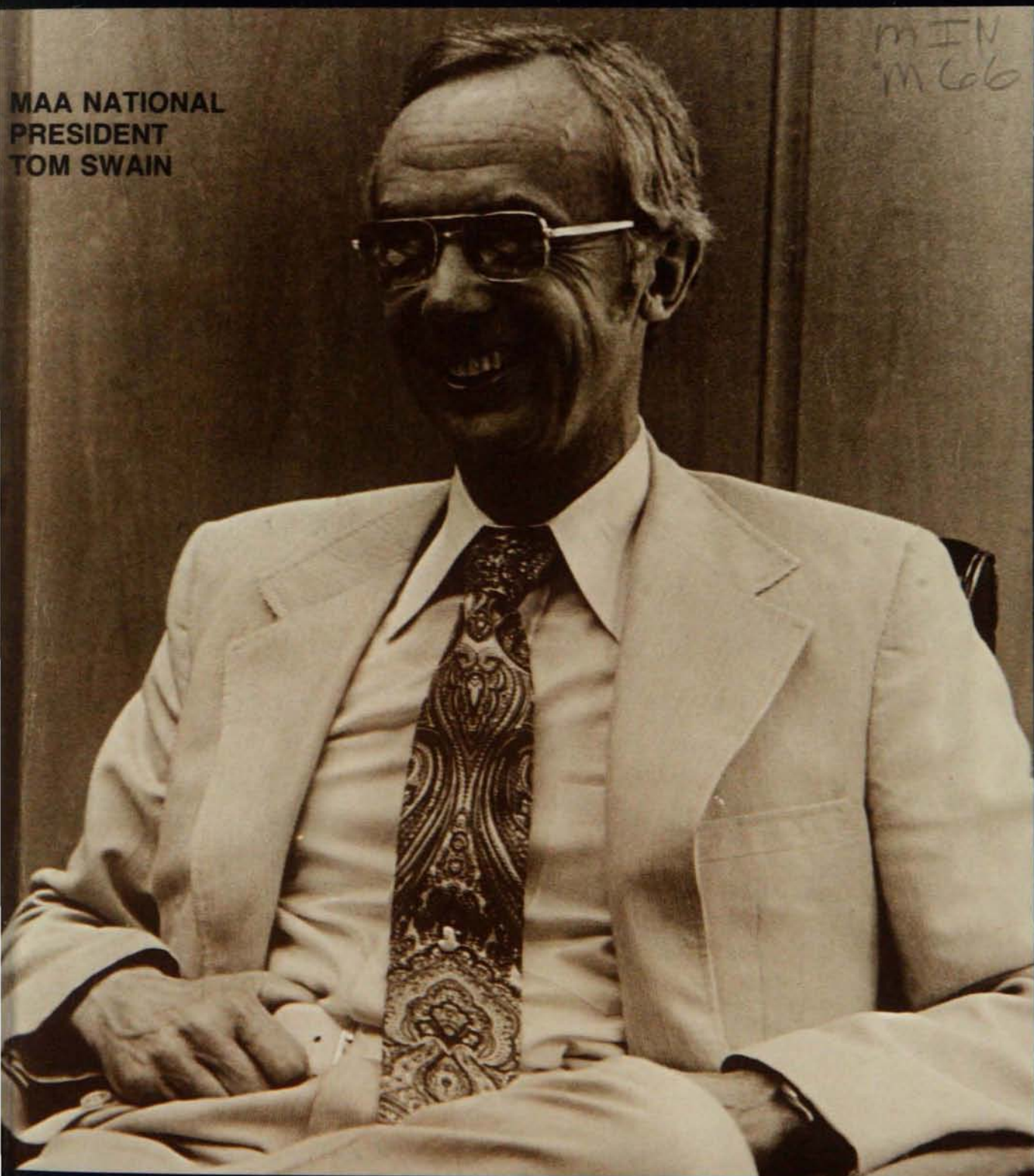


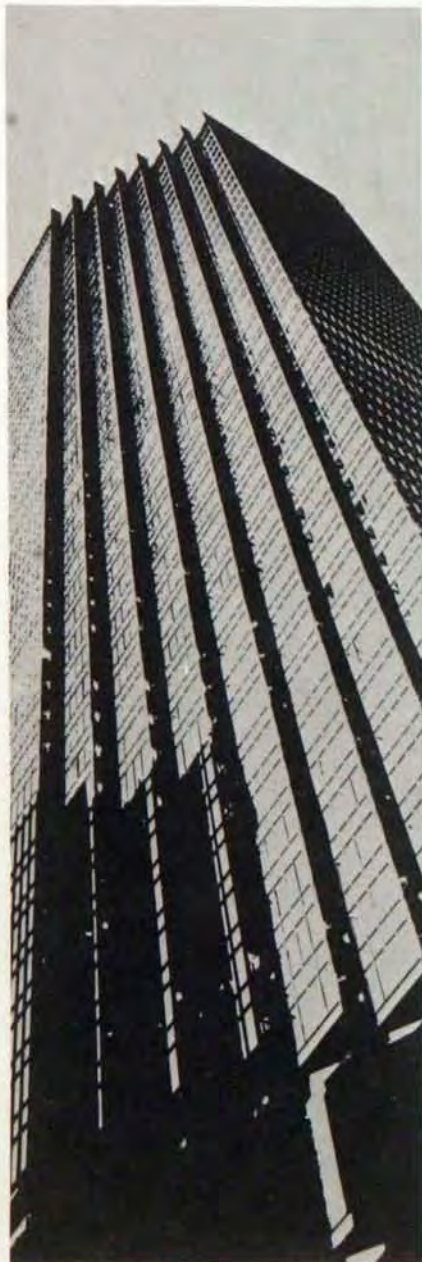
1976 SEPTEMBER

alumni news

UNIVERSITY OF MINNESOTA

MAA NATIONAL
PRESIDENT
TOM SWAIN





**The University
of Minnesota**



**ALUMNI
CLUB**

You belong at the Alumni Club!

The University of Minnesota Alumni Club is an exclusive private club for graduates and former students of the University of Minnesota. It is the only club of its kind in the Twin Cities area open to men and women. It is the only such facility existing among the Big Ten schools. Your membership in this club is truly a mark of distinction!

Located on the 50th floor of the IDS Center in downtown Minneapolis, the Alumni Club has become known for its beautiful and spacious dining facilities . . . its superb food and great service . . . its smart private rooms for parties and meetings . . . its handsome and comfortable Ski-U-Mah Lounge . . . and its magnificent view from all rooms.

We currently have no waiting list for membership. Fill out the form below or call the Alumni Office for more information on Club membership (612/373-2466). If you are presently a Club member, pass the application form below on to fellow alumni so they can become members, too.

**Minnesota Alumni Association
2610 University Avenue
St. Paul, Minnesota 55114**

CLUB MEMBERSHIP APPLICATION

I am interested in membership in the University of Minnesota Alumni Club. Please send me the appropriate application forms.

I understand that Resident dues are \$135 plus \$30 initiation fee, and Nonresident (outside the seven county metro area) \$20 plus \$15 initiation fee. I also understand that I must be a member of the Minnesota Alumni Association to qualify for Club membership.

I am am not currently a member of the Minnesota Alumni Association.

Name _____

Address _____

Do Not Send Membership Fees At This Time!

Here is what you have been waiting for . . .

The 1977 MAA Tour Program

It consists of

The Big Ten Alumni Cruise, from January 30–February 6;

The South Pacific Escapade — Auckland, New Zealand; Sydney, Australia; Papeete, Tahiti — from March 14–28; and

The Brussels/Rhine River Cruise and Bavarian Escapade, from September 13–23.

All alumni tours are limited to members of the Minnesota Alumni Association and their immediate families.

The Big Ten Caribbean Cruise January 30–February 6, 1977

Minnesota, Indiana, Iowa, Purdue, Northwestern and Wisconsin alumni associations, working through Alumni Holidays, Inc., have chartered the luxurious *M. S. Mermoz* of the Paquet French Line for seven exciting days, from January 30 to February 6, 1977.

The ship leaves from San Juan, Puerto Rico, and the special air-sea package prices start at \$755 and range up to \$1,230 per person from Minneapolis, depending on cabin selection and two per room occupancy. Price includes round trip air fare via Pan American 707 Inter-Continental jet, cruise fare, transfers to and from the ship, and all applicable taxes.

The itinerary is an exciting one and includes six exciting ports of call:

Day 1 — Sunday, January 30. You fly out of the Twin Cities to San Juan, then it's "anchors away" on the *M. S. Mermoz* and her premier season from San Juan, Puerto Rico.



The Paquet French Line's *M.S. Mermoz* is the luxurious ship that will make six exciting ports of call during the 1977 Big Ten Alumni Caribbean Cruise.

Day 2 — Monday, January 31. A lazy day in the sun. A "Big Ten" Bloody Mary Party, as well as the Captain's Arrival Cocktail Party.

Day 3 — Tuesday, February 1. Arrive 8 a.m. **Barbados**, first port of call. This pear-shaped island has always been very British and you can still see harbor police dressed in the uniforms of Lord Nelson's day. The countryside is gentle and rolling, there are no jungle-clad mountains here and the island is reminiscent of rural England, except for the sugar cane plantations. In Barbados you will find many secluded beaches, and fine shops that offer savings on jeweled sweaters.

Day 4 — Wednesday, February 2. Arrive 8:30 a.m. **Trinidad**. Some say there is more to see here than anywhere else in the West Indies. Explore Port of Spain, Trinidad's bustling capital, on foot for the best views. It is a big city, set between high hills and the curving shoreline of the Gulf of Paria; its bustling groups of diverse passersby offer a capsule around-the-world trip.

Day 5 — Thursday, February 3. Arrive 7:30 a.m. **St. Vincent**. This island and its constellation of green islets constitute one of the wholesomest and most relaxing spots in the Caribbean. The people are friendly, the climate radiant and the scenery a delight.

Day 6 — Friday, February 4. Arrive 7:30 a.m. **Guadeloupe**. An island shaped like a butterfly, it has "wings" that are separate islands. Its scenery is spectacular, with volcanic peaks rising over vivid green forests, lakes and waterfalls.

CARIBBEAN CRUISE

Send to: Minnesota Alumni Tours,
2610 University Avenue,
St. Paul, MN 55114.

Please make _____ reservations in my name.

Year of graduation ____ College _____

Name _____

(Please include first)

Address _____

City _____

State _____ Zip _____

Phone number _____

Names of individuals traveling with _____

(Please include first names)

In the travel arrangements, I prefer the
 smoking section; the no smoking section.

\$175 deposit required per person. Make checks payable to Caribbean Cruise.

1977 Tours . . .



Sydney's harbor is a breath-taking panorama. On Bennelong Point, in the upper right of the photograph, is the sails-like top of the new \$100 million Opera House described by leading international art critics and architects as one of the major cultural wonders of the 20th century.

Day 7 — Saturday, February 5. Arrive 12:30 p.m. **St. Thomas.** Colorful St. Thomas, the most famous of all the Virgin Islands. Its Charlotte Amalie is a town, not a woman, and is a paradise of free-port shopping. There are Irish linens, French perfumes, Swiss watches, English woolens and low prices here!

Day 8 — Sunday, February 6. Arrive 7 a.m. **San Juan.** Spanish and historical San Juan offers great beaches, old market places and exciting night life. San Juan **NEVER** closes! Whether gambling, exotic music, dancing, cabaret, floor-show extravaganzas or quiet piano bars are your after-hours choice, you'll find them all here and lots more, too! Later, **depart San Juan for Twin Cities International Airport.**

The most complete vacation possible is the Cruise. The **M. S. Mermoz** carries you away, makes you forget the rest of the world for a short time and makes you **remember one week, one cruise, one rendezvous** for the rest of your life. When it comes to all the things that can make a cruise unforgettable — a menu of continental specialities, a selection of

fine complimentary wines, the new friendships and variety of exhilarating and pleasant activities — they are all here!

Your ship is air-conditioned, with climate-controlled cabins that have wall-to-wall carpeting, two lower beds, a dressing table with lighted mirror, either a bath or shower, plenty of closet space and hangers, plus a pushbutton telephone and two-channel radio.

Please remember, to assure the cabin you want, you must reserve your Cruise space early!

**(Auckland, New Zealand;
Sydney, Australia;
Papeete, Tahiti)
March 14–28, 1977**

How about going with us "down under" to New Zealand and Australia, a half world away. **Then add colorful Tahiti to your travels!**

New Zealand, called "God's own country," is breathtaking in its beauty, with volcanoes, steaming through fields of snow, farms as neat as a putting green and shores radiant beneath a sky "dazzled by sea-reflected sunlight." Here Christmas comes in summer and winter never comes. New Zealand is one of the "most gloriously natural places on earth." Originally inhabited by the Polynesian Maoris, it became a British Protectorate in 1840.

Australia, in size, is about the same as the 48 conterminous United States. It has the largest desert in the world outside of the Sahara. The climate along its eastern coast is conducive to a varied agriculture system and concentrations of population. The mountains of the west tend to isolate the inhabitants into a number of distinct clusters, in Sydney, Melbourne, Brisbane and Adelaide.

Sydney is Australia's largest city, a multi-faceted diamond in an exquisite harbor setting, the gateway to Australia. From what was originally a settlement

(Continued on page 6)

THE MINNESOTA ALUMNI ASSOCIATION
BOARD OF DIRECTORS

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alumni news

UNIVERSITY OF MINNESOTA

SEPTEMBER 1976

VOL. 76, NO. 1

in this issue

The Association has a new national president and a new executive director! The stories about them appear in the pages of this issue, along with news of coming University and alumni events, and University and alumni personalities.

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Mary Lou Aurell '62BAJourn Editor
Edwin L. Haislet '31BS '33MA '37EdD Managing Editor

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1977 Tours . . .

for deported convicts, Sydney has grown to one of the world's major and most exciting cities. Yet, it still retains its charm, its harbor views, its individuality and its "outback" vitality. There is much to see and do here — there are famous beaches, the Operahouse, little theaters and boisterous night clubs. Within a few miles of the outskirts of Sydney is the Great Australian Outback, the brush country stretching for thousands of miles.

Tahiti, the largest island of French Polynesia in the South Pacific, lies half-way between Australia and California. Tahiti covers an area of 402 square miles and is picturesque and luxurious, dominated by beautiful beaches and towering peaks. **Papeete**, the capital of the territory, has a population of 30,000. The Tahitians are a handsome people, noted for their hospitality, friendliness and easy going lifestyle.

Tour features include:

- Round-trip Pan American Jet, the Twin Cities to Auckland, Auckland to Sydney, Sydney to Papeete, Papeete to the Twin Cities. First-class meals, complimentary cocktails and wine or champagne with meals. 179 passenger limit.
- **Finest hotels in the South Pacific:** In Auckland, New Zealand, accommodations for four nights at the **Inter-Continental Auckland**, the newest and most elegant hotel in New Zealand's largest city.

In Sydney, Australia, accommodations for four nights at the dynamic new **Sydney Hilton**, towering 43 stories above the heart of the business district. All guest rooms offer impressive views of the harbor and city.

In Papeete, Tahiti, accommodations for four nights at the deluxe **Tahiti Travelodge Hotel** which faces the marvelous Isle of Moorea and is located on a white sandy beach. The hotel is air-conditioned and smartly decorated.



The Parliament Building is but one of the picturesque sights in Brussels, a world center of banking, trade and transportation that is surrounded by belts of market gardens and boasts one of the most attractive and unspoiled wooded areas within the confines of a great city.

- **An outstanding meal program** which includes: **Full American breakfasts** daily at your hotels, **Minnesota Alumni Welcome-Arrival Dinner** at the Inter-Continental Auckland, and **gourmet dinners** each day thereafter. You select restaurants from among the finest in Auckland, Sydney and Papeete!
- **Gala Minnesota Alumni Arrival Cocktail Party** at the Inter-Continental Auckland!
- **Special Minnesota Farewell Cocktail Party** in Papeete!
- Half-day Orientation Tours of Auckland and Sydney.
- All airport to hotel transportation in each city. All baggage handling gratuities are included.
- All airport departure taxes are included.
- Seventy (70) pounds baggage weight allowance!
- **Pre-registration** at all hotels!
- Experienced Alumni Holidays' Tour Directors to assist you!

- **Special Hospitality Desks** available daily to tour members for assistance with shopping, restaurant reservations and so on.

SOUTH PACIFIC ESCAPEDE

Send to: Minnesota Alumni Tours,
2610 University Avenue,
St. Paul, MN 55114.

Please make _____ reservations in my name.

Year of graduation _____ College _____

Name _____

(Please include first)

Address _____

City _____

State _____ Zip _____

Phone number _____

Names of individuals traveling with _____
(Please include first names)

In the travel arrangements, I prefer the
 smoking section; the no smoking section.

\$175 deposit required per person. Make checks payable to South Pacific Escapade.

- **Optional Tours** offered at group rates which include:

AUCKLAND: *One-day tour* by air to Mt. Cook; *overnight tour* by air to Mt. Cook and Christchurch; *one-day tour* to Rotorua; *one-day tour* to Waitomo Caves.

SYDNEY: *Full-day Australiana tour*, including a cruise on the Hawkesbury River and a visit to the Kola Sanctuary; *overnight tour* to Canberra and Melbourne; *full-day Lightning Ridge Opal Fields tour*; *half-day tour*, including a Luncheon Harbor Cruise and visit to the Opera House.

PAPEETE: *Full-day tour* to Moorea; *full-day tour* to Bora Bora; *full-day Circle Island tour* of Tahiti; *full-day tour* of Huahine.

- Special Tour Packet: Passport wallet, baggage tags, imprinted flight bags with Association's name.

MAA Package Price: \$1,499.00 per person based on two per room occupancy. Price includes all taxes and services.

BRUSSELS/RHINE RIVER CRUISE

Send to: Minnesota Alumni Tours,
2610 University Avenue,
St. Paul, MN 55114.

Please make _____ reservations in my name.

Year of graduation ____ College _____

Name _____
(Please include first)

Address _____

City _____

State _____ Zip _____

Phone number _____

Names of individuals traveling with _____
(Please include first names)

In the travel arrangements, I prefer the
 smoking section; the no smoking section.

\$175 deposit required per person. Make checks payable to Rhine Cruise.

Brussels/Rhine River Cruise/ Munich Escapade (Including Oktoberfest!)

Brussels, the capital of Belgium and one of the major cities of Europe, is also the seat of the European economic community known as the European Common Market and the North Atlantic Treaty Organization (NATO). It is a center of banking, trade and transportation.

Brussels is surrounded by belts of market gardens and also boasts one of the most attractive unspoiled wooded areas within the confines of the great city — the Bois de la Cambre.

Gourmets proclaim the food in Brussels to be the best in the world. The city abounds in interesting museums, theaters, concert halls and night clubs. It has fine specialty shops and department stores.

Munich, the fascinating city of the Hofbrauhaus, Oktoberfest, "gemutlichkeit" and "schwabing," was founded 1,000 years ago and is now populated with more than 1.3 million people and covers 120 square miles. It has wonderful restaurants with foods from all over the world. Be sure to try the Bavarian specialties first: "Weisswürste" (veal sausages) and pretzels, leg of pork and a stein of beer. "**Schwabing**" is superb.

Leisurely window-shopping in Munich can be an enticing adventure. Elegant shops and "pop" boutiques offer metropolitan variety. You should especially visit the **Vitkualienmarkt** (Victuals Market) where for centuries market women have sold their nourishing specialties. And, whether for participation or watching, there is an interesting variety of sports.

Munich is the City of "Carnival" and of the city of Oktoberfest, which is said to be the biggest fair in all the world. Each year, for 16 days, the people of Munich and others from around the world meet here and the sound of brass surges from the beer marquees and the aroma of cooking food is everywhere. With its merry-go-rounds, roller coasters, bumper cars and strident mechanical organs, the Oktoberfest is something you will never forget. And remember, **you will be in Munich during Oktoberfest!**

Munich is a beautiful city, German, but of almost southern character with Greek columns, Roman arches, Italian

baroque facades and French stucco work. The new era has not rigorously ousted the old, the past endures side by side with the present, though not always in perfect harmony.

Munich has two dozen museums and galleries, not counting its numerous private art galleries. It is famous for its municipal and state theaters, as well as its many privately-owned theaters that will compete for your favor. Munich has been the home of the musical theater. And the Nationaltheater, domicile of the Bavarian State Opera, has known many magnificent performances of famous artists, as well as new and young talents. There are four permanent symphony orchestras in Munich, and to complete the picture, there is also Dixieland, Jazz and Underground.

There it is — an unforgettable city, Munich!

The MAA Tour Package includes:

- Round trip fare, **Pan American 707 jet clipper**, Minneapolis to Brussels, and return, Munich to Minneapolis-St. Paul International Airport. 180 passenger limit.

Brussels:

- Three nights (September 14, 15, 16) at the deluxe **Brussels-Hilton Hotel**, one of Europe's finest, located on one of the city's most fashionable shopping boulevards.
- **A Special Welcome-Arrival Cocktail Party.**
- Gala Arrival Dinner Banquet after the Cocktail Party.
- **Full American Breakfast** each day at the Hilton in Brussels. Deluxe half-day motor coach **Orientation Tour** of Brussels's famous sights.
- **Optional Tours** to Waterloo, Ghent and Bruges.

Rhine River Cruise

- On Saturday afternoon, **September 17**, you will take a deluxe motor-coach, along a scenic route, from Brussels to Nijmegen, Holland, where **you board the Holland River Line's** new luxurious **m.v. Holland Pearl** for a relaxing three-day (September 17, 18, 19) Rhine River Cruise. The ship is air-conditioned

(Continued on page 8)

1977 Tours . . .

throughout. All meals included aboard ship — three full meals a day — plus snacks in late morning and afternoon. Cruise visits Oberwesel, Worms, Mainz, Heidelberg and Mannheim.

Munich

- Tuesday, September 20, arrive Karlsruhe where you disembark and go by motorcoach to Munich and continue on **Orientation Tour** of the city. Then to your hotel.
- For three nights (September 20, 21, 22) you'll enjoy the deluxe **Vier Jahreszeiten (Four Seasons) Hotel** located in the heart of Munich.
- **Full American Breakfast** each day in Munich.
- **Special Farewell Cocktail Party** at the hotel.
- U.S. departure and German airport taxes included.
- Deluxe **Optional Tours** offered, to Salzburg, Berlin, Oberammergau, Berchtesgaden and Dachau.
- Friday, September 23, after a leisure morning, depart Munich, arriving in Twin Cities International Airport the same evening.

Other

- All tipping for baggage handling in Europe.
- Generous 66-pound baggage weight allowance.
- Deluxe Tour Packet contains passport wallets,, money calculators, imprinted baggage tags and city maps.
- Minnesota Hospitality Desks in Brussels and Munich for your assistance with shopping, sightseeing, all touring information, by each hotel.

Special MAA Price, \$945.00 Complete, including all taxes and services.

Change of Address

Due to computer processing time required to make address corrections, we are following the policy of not making temporary address changes, i.e., from winter to summer residences and back to winter addresses. We appreciate your cooperation!

New Gopherware. . . .



Gopher Helmet Lamp

With brass-plated fittings and a burlap shade, this lamp, perfect for the Gopher fan's den, family room or bedroom, stands 18 inches high. The base is an official replica of the Gopher football helmet, in maroon and gold. UL approved. Bulb not included. **Members \$14.95, others \$16.95. Minnesota residents, add 4% sales tax.**

Gopher Helmet Radio

This six-transistor, solid state radio is made of high impact plastic. It weighs only one pound and comes with a 90-day warranty from the date of purchase. An official maroon and gold replica of the Gopher football helmet, it is not a toy. Stands 6½ inches high. Perfect for the nightstand, bedside table, in the den or kitchen. An excellent gift for that football-minded youngster. **Members \$14.95, others \$16.95. Minnesota residents, add 4% sales tax.**

Mail to: Minnesota Alumni Gifts,
2610 University Ave.,
St. Paul, MN 55114

Please send me Gopher Helmet
Lamp(s)
 Gopher Helmet
Radio(s)

I have enclosed a check for \$_____ made out to the Minnesota Alumni Association.

Name _____
Address _____
City _____
State _____
Zip _____
Membership # _____

Announcing a special
continuing education program
for alumni . . .

An Evening With The Professor



E.W. Ziebarth



Gisela Konopka



Frank Sorauf

In cooperation with Continuing Education for Women, Continuing Education & Extension, the Minnesota Alumni Association is offering its membership four evenings with distinguished University professors. A six o'clock dinner at the Alumni Club in downtown Minneapolis will be followed by their lectures:

On **September 30**, *View From Peking*, with **E.W. Ziebarth**, professor of Speech Communication, noted international news analyst, and winner of the 1972 Peabody Award, who has recently returned from China.

On **October 14**, *American Politics: Is The Party Over?*, with **Frank Sorauf**, professor of Political Science and dean of the University's College of Liberal Arts.

On **October 28**, *Growing Up In War, Revolution and Facism*, with **Gisela Konopka**, professor of Social Work and director of the Center for Youth Development and Research, who was nominated by the *Ladies Home Journal* for Woman of the Year in the category of inspirational and educational leadership.

On **November 11**, *The Importance of Being Romantic: The Plight of the Valuable in Contemporary Literature*, with **Paul D'Andrea**, professor and chairman of the Department of Humanities and winner of the Radio Drama Award.

An Evening With The Professor has been scheduled to begin at 6:00 p.m., on alternate Thursdays, from September 30 through November 11. The dinners and lectures will be held in the University of Minnesota Alumni Club on the 50th Floor of the IDS Center in downtown Minneapolis.

Per person cost for the four lectures and four dinners is \$43.00. The series of lectures *only* can be attended for \$13.00, on a space available basis.

Prompt registration is urged since enrollment is limited. Make checks payable to the University of Minnesota and mail to Continuing Education for Women, 200 Westbrook Hall, University of Minnesota, Minneapolis, MN 55455. For further information on the series, call 373-9743.

Please register me for EVENING WITH THE PROFESSOR. I wish to attend

_____ dinner and lectures (\$43) _____ lectures only (\$13)

My check payable to the University of Minnesota is enclosed.

Name _____

Address _____ City _____ State _____ Zip _____

Phone (home) _____ Phone (work) _____

Social Security Number _____ Birthdate _____

Alumni president feels too many graduates take the University for granted

“Too

many of us who have attended the University of Minnesota take the institution for granted,” the recently-elected Minnesota Alumni Association national president, Tom Swain, told *The Alumni News*.

“This is probably more typical of members of my generation who attended because for many of us it was the only economically-feasible educational show in town.

“Historically, we have felt that public institutions should be supported by legislative appropriations and tuition. With inflation and other recent economic developments, this is no longer true. The University needs the same kinds of help that private institutions receive if it is to sustain excellence.

“I don’t want the University to become a second-rate institution, so I will help it as I can, which now is as president of its Alumni Association.”

Swain feels chauvinistic toward the University of Minnesota, and remained close to the institution throughout his youth and young adulthood.

He was born in St. Andrews Hospital, near the University in southeast Minneapolis, and lived on Sixth Street Southeast until he was five years old. His father was a Dinkytown businessman, owing Swain Farmer, Fuel & Transfer which occupied most of the block where MacDonald’s now is.

Swain entered the University in the late 30’s, majoring in engineering. He soon switched to business, however, and received a bachelor’s degree, with a major in accounting, in 1942.

He had worked his way through school in the Athletic Ticket Office and returned to the University after the war to become its Athletic Scholastic advisor.

“I tried to provide Minnesota athletes with early academic direction,” Swain said. “Before the war many of them didn’t take full advantage of the educational opportunities on the campus.”

He also served the University as the Athletic Ticket Office manager from 1948-51.

Today

Swain, who lives in Stillwater, Minn., is vice president and assistant to the president of St. Paul Fire & Marine Insurance Company, which he joined in 1963.

He chose a career in insurance because he “developed an appreciation of the caliber of people and high level of integrity in the insurance business and at St. Paul Fire & Marine.

His major responsibilities are in planning, expense control, government affairs and troubleshooting in such liability areas as medical malpractice.

St. Paul Fire & Marine, the oldest business in Minnesota, is the sixth largest underwriter of ocean marine insurance. The company received its charter in 1853, before Minnesota became a state. It employs approximately 6,000 people in 45 principal offices and a number of satellite locations throughout the United States and internationally in 82 countries.

The company is also the largest writer of insurance for physicians, hospitals and nurses and is staying in this professional liability area while many other insurance companies are pulling out.

“We are working closely with industry in looking for answers to product liability,” Swain said. St. Paul Fire & Marine has been working with the government and drug manufacturers, as well as other insurance companies, on insurance for Swine Flu vaccine — an example of its involve-

ment in the product liability field.

Professionally, Swain has been active with the American Insurance Association, serving on a number of its committees, and as a director and on committees of the Insurance Information Institute.

Throughout his business career he has maintained ties with the University of Minnesota and has helped where he was able. When Swain was executive director of the Minnesota Centennial Commission he was instrumental in obtaining the old *General John Newton*, now the *Centennial Showboat*, for Minnesota.

He recently chaired the University committee that explored the institutional organizations involved in its external relationships. His work with University president C. Peter Magrath while a member of this committee made Swain realize that Magrath is “totally committed to providing University support and assistance to strengthen the alumni program.

“He realizes the value to the institution to have a strong alumni constituency and program,” Swain said. “I don’t think the University has ever had a president who shows more enthusiastic interest in alumni work.

“Magrath is a Minnesota-type. He is straight forward and honest, and lays it on the line. He is a good administrator and has good rapport with members of the University community.

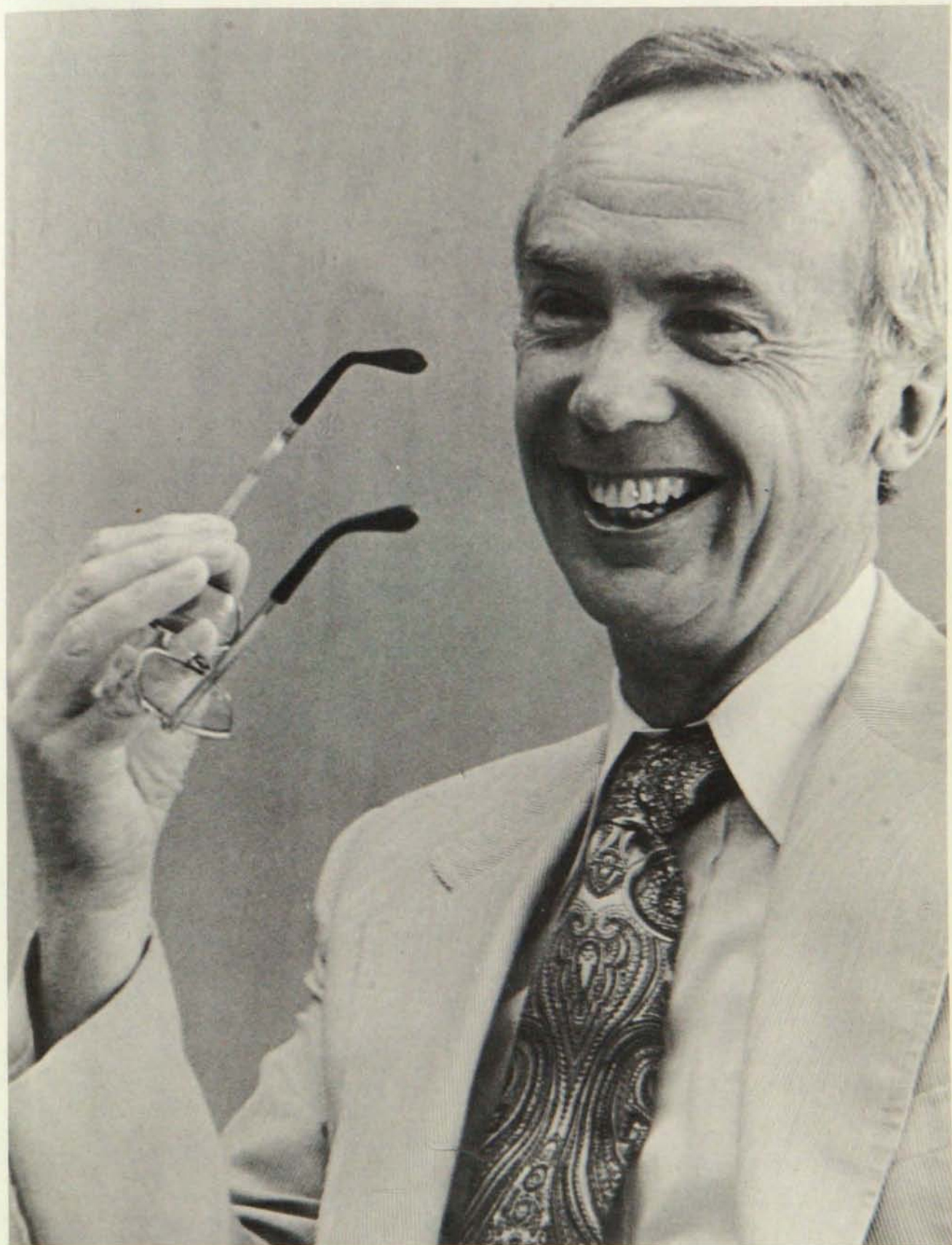
“We alumni owe him our support and help to achieve the levels of excellence that Minnesota aspires to.”

The

coming year will be a year of transition for the Association, Swain pointed out.

“I want to salute Ed Haislet for his 28 years of service to Minnesota alumni. He may have been occasionally wrong, but never in doubt!

“Ed is an extremely loyal and energetic man who leaves a great legacy to the University and its alumni body. He



Throughout his business career Swain has maintained his ties with the University and helped when he was able to. As executive director of the Minnesota Centennial Commission, he was instrumental in securing the Centennial Showboat for Minneosta.



"I salute Ed Haislet for his 28 years of service to Minnesota alumni," Swain told The Alumni News. "He may have been occasionally wrong, but never in doubt!"

has big shoes to fill, but I think our new executive director can fill them.

"We have hired a skilled professional in the field of alumni work who can do the job," Swain said of Vince Bilotta. "He will help us to develop and expand programming that will

make alumni want to belong to the Association and involve themselves with the University. He will help us become a better supportive arm of the institution.

"A few years ago about 40% of the nation's college alumni executives were not alumni of the institutions they

worked for. Today I would guess that percentage is larger.

"Bilotta is not a Minnesota alumnus, but he has the experience and professionalism that can give us excellent direction," Swain said.

"We're not going to sit still in this year of transition. Everyone on the board will have to become involved. We can no longer sit back and say that 'Ed will do it.' This year will be one of leadership opportunity for all of us and we should make the most of it. We owe it to the University and to Peter Magrath," Swain said.

He would like to see the Association analyze where it's been and then set a course for short- and long-term planning.

"We have to find a new facility to house ourselves," he said. "We have to have the students see us and use us. We need to have a facility that has office space, meeting space and visibility close to the campus.

"We have to do a better job of communicating the good things that the University has done and does every day. There are so many extraordinary things being done by extraordinary people on all Minnesota's campuses.

"We have to explore and exploit ways to continue the bond of the University student to the institution after graduation. Through its programming, the Association has to make itself attractive enough to carry the student at graduation and to bring others into the membership fold," Swain said.

"Bilotta inherits a good staff. Now it's up to us to help him achieve our objectives."

Tom Swain is also active in the Twin Cities community as a board member of Children's Hospital and Catholic Charities.

He and his wife have four children, the youngest a son who recently graduated from the University of Oregon and who will work on a master's in business administration at Minnesota this fall.

Swain's three daughters also live in the area. Two of them graduated from Minnesota, the third from Iowa State.

"My family sees more of me now than they used to," Swain said. With the enthusiastic course he has set for the Minnesota Alumni Association in the coming year, we wonder if that won't be less.

Association leaders are energetic Minnesota boosters

There

are ten enthusiastic and thoughtful Minnesota alumni, who along with National president Tom Swain, sit on the executive committee of the Minnesota Alumni Association.

First vice president M. Elizabeth Craig '43BS '45MD (Mrs. Howard Lincoln) of Hopkins, Minn., maintains a full-time pediatric practice in neighboring St. Louis Park. She is also an active leader in local and state medical associations, is a volunteer at a walk-in teen-age medical center and a consultant to the Health Council for two suburban schools.

A church deacon and member of Zonta International, Dr. Craig is involved in youth athletic programs and enjoys travel when she is able to get away.

Second vice president Alan K. Ruvelson, Sr. '36BBA, St. Paul, has been president and director of the First Midwest Corporation since 1959. He has also channeled his business leadership into work as president and a director of the Minnesota Association of Commerce and Industry, as president of the National Association of Small Business Investment Companies, and as a member of the Consultative Council of the University's College of Business Administration.

He is a director of the American Arbitration Association, a member of the executive committee of Minnesota's Advisory committee on Economic Development and the state's Advisory committee on Emergency Energy.

Ruvelson has been active in his community as chairman of the Lay Advisory board of St. Mary's Hospital, Minneapolis, and as a trustee of the Convent of the Visitation School.

Secretary Diana E. Murphy '54BA '74JD, Minneapolis, was recently named a Hennepin County Municipal Court judge. She previously worked as an attorney with the Minneapolis firm of Lindquist & Vennum.

She has served as chairman of the Minneapolis Charter Commission and of the board of Operation De Novo, as a director of the Minnesota Civil Liber-

ties Union and as a trustee for Blake School.

Murphy graduated *magna cum laude* from the University's Law School and edited the *Minnesota Law Review*. She has also studied at the Gutenberg University in Mainz, Germany.

Treasurer Ronald Simon '54BBA '57LLB, Hopkins, is a partner in the Minneapolis law firm of Simon, Schneider & Marker, P.A.

A past president and former director of the Minnesota "M" Club, he has chaired Duff's Celebrity Tennis Tournament since its beginning.

He has also been active with Phi Epsilon Pi academic fraternity as a national officer and director.

Simon serves the State of Minnesota as a member of the Standing committee for Administration of Arbitration under the Minnesota No-Fault Law.

Past president Wallace E. Salovich '50BBA '56MHA, Wayzata, has worked as a management consultant since retiring as president of Minneapolis' Spray Tech Corporation. Earlier he had been director of marketing for Graco, Inc.

A University booster, he served on the committee appointed by President Magrath to select basketball coach Jim Dutcher and is a past president and active member of the "M" Club, as well as a fundraiser for the William's Fund.

In the Twin Cities he has been a board member for the Minneapolis Optimists and worked with the Big Brothers of Minneapolis.

Serving

with these officers on the executive committee for one-year terms are four additional men and one woman:

Beverly A. Kees '63BAJourn, Min-

neapolis, is an assistant managing editor with the *Minneapolis Tribune*. She has worked with the Minneapolis Star & Tribune Company since her graduation from the University, in the women's department, as a suburban and business reporter, as editor of *The Minneapolis Star's* Taste section and as editor of special sections.

She joined the *Tribune's* news staff as assistant to the editor in 1974 and was made an assistant managing editor that same year.

Ms. Kees is also known as the author and co-author of a number of cookbooks.

She is currently the first vice president of the Minnesota Alumnae Club and will become its president this fall.

Richard H. Kyle, Jr. '59BA '62LLB, White Bear Lake, has worked as an attorney with the St. Paul firm of Briggs & Morgan for most of

THE MINNESOTA



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Bev Kees

Robert Sheran



M. Elizabeth Craig



Wendell Olson



Diana Murphy



Alan Ruvelson

Dick Kyle



Bert Lund



Wally Salovich



Ron Simon



his law career, except for a year when he was a law clerk for U.S. District Judge Edward J. Devitt and a two-year stint as Minnesota Solicitor General.

He has been a director of the University of Minnesota Law Alumni Association, a member of the Minnesota Bar Association's board of governors and president of the MBA's Young Lawyers section.

He is also a *magna cum laude* graduate of the Law School and has edited the *Minnesota Law Review*.

Bert O Lund '42BBA, St. Paul, publisher of *Farmer* magazine, is vice president and a director of The Webb Company.

He is a past president of the Advertising Club of Minnesota, the State Farm Magazine Bureau and the Agricultural Publishers Association. He has also served on the executive board of the Indianhead Council of Boy Scouts of American and as vice chairman of the Advisory Council of the University's Institute of Agriculture which he currently heads.

Wendell L. Olson '48BBA, Bloomington, Minn., joined the staff of the Fourth Northwestern National Bank in 1952, was named a vice president in 1957, a director in 1959 and the bank's president in 1964. He was previously with the Northwestern National Bank of Minneapolis.

Olson has served on the board of directors of the University Community Development Corporation, on the governing board of St. Mary's Junior College in Minneapolis and as a member of the advisory committee for Minneapolis' Retired Senior Volunteer Program. He has also been active with Bethlehem Lutheran Church, Minneapolis, the Southtown Exchange Club and the United Way.

Robert J. Sheran '39LLB, St. Paul, Chief Justice of the Minnesota Supreme Court, practiced law in the southern part of the state from 1939 until 1963, except for a three-year period when he was a special agent for the Federal Bureau of Investigation.

He was appointed an associate justice of the Minnesota Supreme Court

in 1963, elected to a six-year term in 1964, then resigned in mid-1970 to join the Minneapolis law firm of Lindquist & Vennum. He was appointed Chief Justice in March 1973.

Sheran has been a member of the Minnesota State Board of Law Examiners, chairman of the Gover-

nor's Crime Commission and a member of the board of trustees of St. Thomas College. He has also served as a Minnesota State Representative, on the state's Board of Law Examiners and on its Board of Tax Appeals.



Charles Osborne



Bill Hickey



John Finnegan



Henry Dornseif



Kit Searight

Nine

new board members began serving four-year terms on July 1. They were presented at length in the 1976 May issue of *The Alumni News*.

Among them are Henry W. Dornseif '49BBA, Minneapolis, a corporate director and executive vice president of WCCO, who has been affiliated with this local, radio, television and FM station for the past 23 years;

William J. Hickey, Jr. '47BBA, St. Paul, chairman of the board and president of the H.M. Smyth Company, Inc., and well-known for his activities in St. Paul's charitable and church circles;

Charles M. Osborne '75BBA, Minneapolis, who works for Haskins & Sells, Certified Public Accountants, and who received a number of distinguished awards while an undergraduate;

Kathryn "Kit" Thiele Searight '51BSEd, Hopkins, assistant vice president and director of consumer affairs for Red Owl Stores, Inc., and active in Minnesota consumer affairs; and

John R. Finnegan '48BAJourn '65MA, St. Paul, executive editor of the *St. Paul Dispatch & Pioneer Press* and a University of Minnesota Outstanding Achievement Award recipient.

Four of these new board members who are serving as regional directors and who are all past presidents of Minnesota alumni groups are:

Walter W. Mode '43BBA, Natick, Mass., representing the Northeastern Region I, who is retired New England regional commissioner of the Social Security Administration;

Esther Goehring '62BS, Dunedin, Fla., a retired teacher and elementary school principal, representing the Southeastern Region III;

Dr. David R. Bangsberg '60DDS, Portland, Ore., who has practiced dentistry in that community since 1962, representing Northwestern Region VII; and

Dave G. McGuire '44BSMetEng, Menlo Park, Calif., a sales engineer for Maydwell & Hartzell, representing Western Region VIII.



Walter Mode



Dave McGuire



Esther Goehring



David Bangsberg

To Club Members

Mark Your Calendars Now!

The President's Seminar will lead off this year's series on Wednesday, October 6, in the Regents' Room of the Alumni Club. University president Magrath will discuss "Your

University — Update 1976-77," followed by a question and answer period.

Other Seminars have been scheduled for Thursdays, on December 2, February 3, 1977 and May 5, 1977. Speakers will be announced at a later date.



A Season of Special Events

Gopher Football Game Luncheons

Featuring a tempting pregame luncheon menu, served from 10:45 a.m. until 12 noon, and bus transportation, from the Marquette Avenue entrance 45 minutes before game time.

Menu includes your choice of chilled fruit cocktail supreme, French onion soup au crouton or chilled tomato juice, and an entree of ham and cheddar on whole wheat, broiled hamburger on kaiser roll, fluffly three egg omelette with bay shrimp, broiled top sirloin sandwich or Golden Gopher salad bowl. Prices start at \$4.75 and include bus transportation. Dessert is extra.

Available for September 11, Indiana game; September 18, Washington State game; September 25, Western Michigan game; October 9, Illinois Homecoming game; October 23, Iowa game; and November 13, Ohio state game. *Reservations by noon before game please.*

Visit the Ski-U-Mah Lounge after the game. Hot drinks and light snack menu served until 6:30 p.m. on game nights only.

October 9 Homecoming Victory Dinner

To help the club member and his/her guests celebrate Homecoming '76, the Club will feature a special cut porterhouse "Victory Steak" for two, carved at tableside, and a complimentary carafe of wine with dinner. *(Regular menu also served all evening)*

And Other Fall and Early Winter Events . . .

November 13, Hunters Night, featuring roasted domestic duckling, braised pheasant, potted quail and mallard ducks. And the chef has created a very special hunters potluck casserole dinner. Other game specialities will be served if available. *(Four entrees also served from regular dinner menu)*

December 11, Family Christmas "Julebord", a traditional Scandinavian Christmas buffet. Bring the children, your family and friends.

December 21, Christmas Luncheon, a sumptuous buffet at which to entertain your friends or business associates, featuring distinctive Christmas dishes and desserts.

December 31, New Year's Eve, your chance to bring in the new year at the Club, with a five-course dinner, party favors and dancing throughout the evening. Reservations are a must.

January 29, Old Fashioned Seashore Buffet, of iced salads, old fashioned chowders, Pacific chioppino, oysters, clams, seafood salads, baked and grilled fish and seafood specialities of both coasts. *(Four entrees also served from regular menu)*

February 19, San Francisco Night, the most popular buffet evening in 1976 will be repeated, with the staff attempting to outdo the variety of ethnic foods from the Great Bay Area served last year. *(Four entrees also served from regular menu)*

March 12, Gala Night, your Club's Third Anniversary Dinner Dance, featuring a five-course dinner with appropriate wines. Wear your fancies. Reservations requested.

Contact Club manager Irene Kreidberg at 376-3667, to obtain reservations for or more information on the special Club events cited above.

New alumni director to work first on internal matters

The

extroverted new executive director of the Minnesota Alumni Association says he will turn introvert for the early part of his tenure.

Vince Bilotta said that he will concentrate on internal matters at Minnesota — a switch from his largely external responsibilities at the University of Kansas, where he was involved in organizing alumni gatherings, including homecomings, trips to the Orange Bowl and a family camp.

Not that these kinds of activities will be ignored by the 40-year-old Bilotta. "They'll come," he said, "but for the time being I'll have to work on mastering the internal affairs of the Association."

Bilotta's activities in Kansas were praised highly by Kansas chancellor Archie Dykes who said, "Minnesota is lucky to get him." University president C. Peter Magrath praised the exceptionally-high — 28 percent — paid alumni membership and other work of the Kansas Alumni Association that reflected Bilotta's efforts in its behalf.

These included computerization of alumni records, an honors program that involves alumni in recruiting outstanding high school students, an on-campus alumni seminar on environmental issues, and the organization of the transport, care and feeding of 1,000 alumni to Miami for the Kansas Jayhawks' Orange Bowl appearance in 1969.

For those and other undertakings, the Kansas Alumni Association in 1972 won the highest national award possible for alumni programming.

Bilotta's organizational activity overflowed the Kansas Alumni Association into, among others, the local Chamber of Commerce, the American Alumni Council, the International Cheerleading Foundation, an Episcopalian congregation in which he is a senior warden, and his family, which includes two girls, ages 15 and 17, and two boys, ages 7 and 11.

He left his hometown of Orange,

N.J., and was awarded a bachelor's degree in education in 1957 from the University of Kansas, with a major in journalism and language arts. While working as an adviser to high school newspapers and as a teacher of English, he completed graduate courses in journalism at Kansas State, the University of Missouri and, of all places, the University of Minnesota. In 1963 he went to work as a field director for the Kansas Alumni Association.

Despite his success at Kansas, Bilotta said that each alumni association is different, understood fully only by its current director. In the case of Minnesota, that's 67-year-old Ed Haisley, who is retiring after 28 years as the Association's executive director.

"I'm very comforted," Bilotta said, "that Ed Haisley is going to be around for a year or so as a consultant."

Among the differences with which Haisley will acquaint his successor are a different set of organizational rules, a slightly more urban state and a commuter rather than a residential campus.

Although the University of Kansas has a student body of only 22,000 on two campuses, compared to more than 50,000 on five campuses in Minnesota, the Kansas Alumni Association staff outnumbers Minnesota's 20 to 13. "I don't know how they accomplish what they do with what they have," Bilotta said.

The problems of Minnesota's main campus location in an urban center will also be new ones for Bilotta. "Since so many alumni live so near the University," he said, "there's a tendency not to make that special trip back to campus."

Another difficulty that he identified that is associated with the Twin Cities campus location is the shortage of space, which results in the Alumni Association operating from offices about midway between the two halves of the campus, but far enough from each to prevent the Association from having an on-campus identity.

Identity is the base on which an

alumni association must found itself, by reaching students before they graduate and by serving as an intermediary for alumni and citizens generally," Bilotta said.

"If people don't know who to talk to at the University, they should turn to the Alumni Association," he said.

Involvement with students should extend beyond this role, Bilotta noted, if for no other reason than that "if they have a good experience as students, they'll be good alumni."

"The Alumni Association has a major responsibility for making sure that the University is responsive," he said — Bill Richardson, UNS writer



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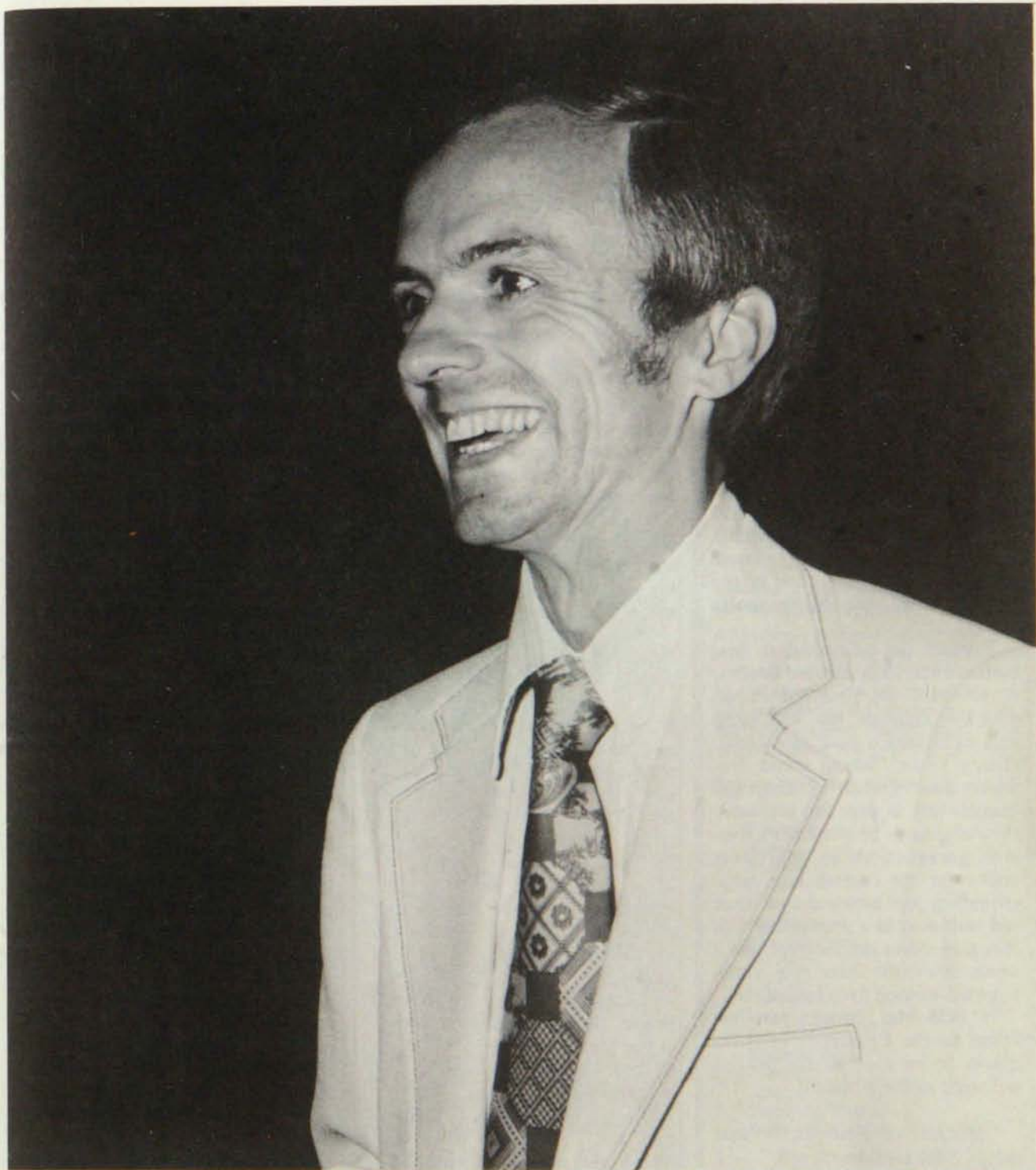
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Vince Bilotta named University Alumni head.

The associate director of the University of Kansas Alumni Association, Vincent J. Bilotta, was named executive director of the University of Minnesota Alumni Association on August 9 by the Board of Regents.

Bilotta will succeed Edwin L. Haislet, who is resigning effective September 30. The changing of the guard will take place sometime before October 1.

"I am extremely pleased that we were able to attract a person of Vince Bilotta's caliber to lead our alumni activities," University president C. Peter Magrath said. Bilotta will also serve as director of Alumni Relations.

Tom Swain, president of the Minnesota Alumni Association, said, "Mr. Bilotta brings to Minnesota a spirit of enthusiasm for alumni work and a talent for developing innovative programs for keeping alumni in touch with their university. Ed Haislet built and nurtured a strong and far-reaching program of alumni activity during his remarkable career at Minnesota. I am confident that Vince Bilotta will continue that tradition and that we can look forward to an exciting era of alumni growth under his leadership.



Notes from Eastcliff . . .

Eastcliff. Does the name evoke the picture of a house on the Scottish moors or midst the English heather? Then think instead of a large, white, L-shaped colonial house near the cliffs on the east bank of the Mississippi River in St. Paul, surrounded by a spacious lawn, large (but doomed!) elms, oaks and pines, with shrubbery and flower borders, all enclosed within a tall, white picket fence. The house faces west with a long view up the river toward the Minneapolis skyline.

Eastcliff, as he named it, was built in 1922/23 by Edward Brooks, a prominent St. Paul lumberman with four children, who took great care to fashion a most substantial, roomy home, where wood was widely used in ornate moldings and mantels and in paneling on walls. On the grounds he also built a five-stall garage with an apartment above for the caretaker, a large swimming pool enclosed by a fence and wall next to a pool house with changing rooms and showers, and a tennis court (the latter now somewhat sad-looking from lack of use).

In 1958 Mrs. Brooks gave the house to the University of Minnesota to be used as the official residence of the president.

"Mistress of Eastcliff," "first lady," "the president's wife" — I have been called all of these, but, to myself, I am Sandra Magrath, wife of Peter and mother of Valerie, our 19-year-old daughter. Our "family" is completed by Teddy, our

West Highland white terrier (who barks only at strangers — the mailman and the milkman — but *never* at University of Minnesota workmen), and Franny and Snowy, a gray tabby cat and an odd-eyed white Angora cat.

My job is to oversee the running of the household at Eastcliff and to make sure the house itself is being cared for properly. My aim, too, is to create for ourselves and our guests pleasant surroundings with good food. For such a task I rely not only on my own experience as a cook, housekeeper and hostess, but also on a very competent cook/housekeeper, Mae McBroom, who has been a professional cook all her life and has cooked for four University of Minnesota presidents.

Mae comes from a large Princeton, Minnesota, family, but despite her Scottish name her outlook is more Scandinavian, for she learned at the knee of her Norwegian mother. She is willing to try almost any kind of food and is usually most successful; further, her love of fine tableware is seen in the lavish care she gives to ironing up the table linens and polishing the silver. Her artistic ability is quite evident in the way she arranges both our food on plates and platters and our flowers in vases of various shapes. For the many dinner parties we have, whether it be for 16 or 60 people, she can call several women in the community, some who have worked with her for years, to help in preparing and serving.

One last thing though — I *hate* to cook and I do not do much with such a good cook to help me, but I have to say this: Peter likes my brownies (when I make them) better than Mae's!

The house has 20 rooms and Mae lives in four of them in a separate apartment for herself. However, that leaves 16 rooms for the two of

us, because our daughter Valerie lives away and attends the State University of New York at Binghamton. Usually I shut off 5 bedrooms, which means that we still live in, or save for public use, 11 rooms, a good number to keep tidy. For this reason we have two ladies in who are "the cleaning sisters," Evelyn Prest and Thelma Ramberg, to give all a thorough dusting and scrubbing once a week. (Peter cannot tell which sister is which and forgets their names, too; when he asks when "Velma and Thelma" are coming, I know who he means.)

The beautiful lawn, the gardens, including a vegetable garden (our tomatoes are fat, red and tasty!) and the swimming pool require much work during three seasons, and snow, of course, is as much a problem to us as to any homeowner. Mark Anderson, our caretaker, keeps up the grounds. He is a graduate of the University of Minnesota in Chinese studies but will start law school at night classes this fall. Meanwhile, he takes pride in his work for us, and the flowers and vegetables are proof of his efforts. Running a University house, then, takes teamwork, and I am pleased with the team I have.

We all like to know about other people. We are satisfied when we can "get a handle on" someone and put him in our own little system of classification. With that in mind I shall, briefly, introduce myself to

you. My late father, Albert D. Hughes, was a Boston Irishman, a wavy black-haired, dreamy and imaginative Irishman with gray eyes. He could withdraw into his own inner world or sit and tell stories and invent puns for any willing audience.

Raised in and around Boston, where his father bought the weekly groceries at Faneuil Hall market, he went to Boston English High School, attended a few night classes in journalism at Boston University and then went to work as a copy boy, later as aviation editor and then as an assistant editor in the travel department, for the *Christian Science Monitor*, where he stayed for over 40 years.

He met my mother, Ruth Mildred Fifield, at Boston University. She is a small, practical, energetic New England Yankee, born in a small mill town, Ashland, in central New Hampshire. Prepared to go on a picnic on Labor Day, 1933, with her family in Ashland, my mother went into labor instead, and I was born, a four-pound "preemie," in a small country hospital in Plymouth, New Hampshire.

After a couple of years of living in Boston apartments, my parents bought their first house in Westwood, Massachusetts, where I spent all my growing-up years along with my younger sister Merry (Meredythe). When I was a teenager, my sister Alison came along. Mother called her an "afterthought."

In 1951 I enrolled at the University of New Hampshire and majored in French and Spanish. It was here also that I met C. Peter Magrath, a man destined to be most influential in my life. We graduated and were married in June, 1955. I shall continue the story in later articles, but no doubt you will learn more about me from what I say and how I say it than from my few biographical facts.



By Sandra Magrath

Many times I am asked questions by curious, but interested, people how often we must entertain others, how busy our schedule must be or how we like our life here in Minnesota. "Public people," and I truly feel we have to describe ourselves as such, arouse curiosity about the lives they lead. The public wants to know how these people become prominent and why they should deserve public notice. Writing a column to be read by alumni and those interested in the University is my attempt (a bold one, perhaps) to let others know what a university president and his family do and to give a view of University life from a unique perspective. This will not be a gossip column nor a vehicle to discuss University policies and actions nor a place for me to vent personal emotions. I shall tell you about us and the things we do, about the people we meet and about the places we visit. My hope is that the column will be almost as welcome as a letter from home and possibly as interesting as Uncle Charlie's and Aunt Helen's trip to India and Japan (without 200 picture slides to go with it!) To whet your interest, my next column will feature the man I call "the walking UN" — C. Peter Magrath.

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Homecoming '76 blends the old and the new



Join the color and excitement in Memorial Stadium on Homecoming day, October 9, when the Minnesota Gophers meet the Fighting Illini.

This

fall's Homecoming celebration is in its final stages of preparation. An executive committee, headed by students Scott Fuller, Rick Nelson and Sally Thompson, has been working all summer to make Homecoming '76 a successful reality for the entire University community.

They have scheduled a variety of events for the week of October 4-9 that will culminate with the Gopher-Illini football game on Saturday, October 9.

With the support of the Athletic department, the Alumni Association and various other University organizations, the Homecoming committee has planned a week of fun and entertainment for both students and alumni.

Homecoming '76 will intermingle traditional and contemporary aspects. The tradition of the Homecoming parade, with marching bands and floats, is being revived this year. The parade, on Friday, October 8, at 11:15 a.m., will start at the Bierman Athletic complex on 15th Avenue, go through Dinkytown, down University Avenue, around Memorial Stadium, up Washington Avenue, into Church Street and end at the steps of Northrop Auditorium for a noonday pepfest.

As in past years, Greek letter houses along University Avenue will be decorated.

A Homecoming queen will also be chosen this year, but this queen won't be judged on beauty alone. Her selection will depend on her athletic ability — she must throw a football the farthest and run a half-mile the fastest before she can be considered as a Homecoming queen finalist. She will be crowned on Friday, October 8, at the noonday pepfest.

Homecoming buttons will be sold for 50¢ by the Homecoming committee. This year's slogan, "French-Fry the Illini" was selected in a slogan contest that ran spring quarter in the *Minnesota Daily*.

Other events scheduled for Homecoming week are geared to attract every member of the University community. Monday night, October 4, the Homecoming committee, in coop-

eration with the West Bank Union, is sponsoring a movie night featuring two showings of the nostalgic hit "American Graffiti," as well as a Gopher football highlights film, appearances by Gophers Tony Dungy and George Adzick, and prizes. Admission is free with a Homecoming button.

A co-recreational football tournament, sponsored by the Homecoming committee in cooperation with the Intramural department, will run throughout the week. The championship game will take place at 9:00 p.m. on Thursday, October 7, at Bierman Field.

Both student and alumni sports fans can attend an open Gopher football practice between 3 and 5 o'clock on Thursday afternoon, October 7, at Memorial Stadium.

On Friday night, October 8, at 7:30 there will be a Homecoming bonfire across from Memorial Stadium in the parking lot at the intersection of Oak Street and University Avenue. All students and alumni are invited to join in a spirited Gopher pep rally. After the bonfire, the Homecoming committee is sponsoring an outdoor dance on a University parking lot. All are invited to attend and listen and dance to a good band.

The Homecoming committee is still working on a few other activities for this special week. One such activity is a french-fry eating contest. Watch the campus media for more information on this and other events still to be announced.

A barbecue, sponsored by the Athletic department on Saturday, October 9, will be held before the game at 11:30 a.m. to 1:00 p.m. in Williams Arena. A special Pep Band will provide music and Gopher cheerleaders will be there to add zest to the occasion. This opportunity to mingle with students, alumni and faculty costs only \$2.00 per person if reservations are made in advance and \$2.50 if tickets are picked up at the door.

The climax of Homecoming week is the Gopher football game against the "Illini" on Saturday afternoon in Memorial Stadium. There are still tickets available for this game — order yours right away and watch the Gophers "French-Fry the Illini."



Among Minnesota's football greats are from the top, clockwise, All-Americans Bobby Bell (tackle, 1961-62), Paul Giel (halfback, 1952, 1953), Bob McNamara (full-halfback, 1954) and Carl Eller (tackle, 1963).



More information on Homecoming '76 is available through the Homecoming committee at 240 Coffman Union on the Minneapolis campus. Final details on all Homecoming week events will be covered by the *Minnesota Daily*.

Homecoming buttons will be on sale on the Twin Cities campus and at other metropolitan locations in September.

Support the efforts of the enthusiastic '76 Homecoming student committee and support the Gophers' drive to "French-Fry the Illini."

Myrna Lewis speaks for the elderly

Myrna

Irene Lewis '60BA, a psychiatric social worker in Washington, D.C., established her own private practice in 1973 after 10 years of work with clinics and community mental health programs.

Her office is in a small wing of the house she and her husband, Dr. Robert N. Butler, have at 3815 Huntington St., NW. The large, comfortable white house is surrounded by gardens which are brilliant with azaleas in the spring.

Dr. Butler, a psychiatrist, is the 1976 Pulitzer awardee for non-fiction and the first director of the new National Institute of Aging, a unit of the National Institutes of Health.

Lewis uses her office for individual appointments and her home for meeting with five psychotherapy groups. These groups are age-integrated, that is, teenagers meet with elderly people. Their exchange of problems and subsequent discussions are valuable, according to Lewis.

Although her present practice is mainly with women and older people, Myrna Lewis began her career as a family caseworker. In 1962-63 she was involved in a pilot project for family-centered casework for the Ramsey County Welfare department in St. Paul. The following year she worked with retarded children, adults and their families for the Hennepin County Welfare department in Minneapolis.

In 1965 she took her master's at the Columbia School of Social Work, at the same time doing social casework with families and individuals for the Community Service Society in New York.

Two years later she became a social worker in the surgical and psychiatric wards of the Veterans Administration Hospital in Manhattan.

In 1968 Lewis joined the Department of Human Resources in Washington, D.C. as a social worker



Myrna I. Lewis '60BA, formerly a mental health specialist for Washington, D.C.'s Community Mental Health Program, now in private practice as a psychiatric social worker, believes older women should encourage comparative research on longevity.

in the children's psychiatry department, Area C of the Community Mental Health Program, conducting individual as well as group therapy sessions with children and their families and supervising the staff.

A year later and until 1973 she was a community mental health specialist with the Parkside Health Clinic.

All of this experience, varied as it has been, affects her private practice and is evident in the writing which she has done.

Men as well as women, boys as well as girls, are her patients. Men are slow to admit emotional problems, she says, but they are coming for therapy more frequently than they used to come.

Since geriatrics is a comparatively new field in psychotherapy, the social worker grounded in casework and mental health has plenty of clients. While the psychiatrists are paid by Medicare and Medicaid for their services, the social worker does a great deal of volunteer and/or welfare work.

Adjustments are special for the older woman

Lewis has watched the older woman's mental attitude change as she

*"Students who are otherwise humane and interested in people are likely to be disinterested, repulsed or frightened by the thought of working with the elderly. Educators, professionals and lay people alike react in a similar manner. Why? Part of the answer lies in a familiar national prejudice we have called ageism. Ageism is a systematic stereotyping of and discrimination against people because they are old just as racism and sexism accomplish this with skin color and gender . . . Ageism plays an important role in the generally negative opinion about mental health care in old age. In this text we hope to dispel some of the traditional diagnostic and treatment myths." — From the Preface of Myrna Lewis's and Dr. Robert N. Butler's pioneering book, *Aging and Mental Health, Positive Psychosocial Approaches*.*

ages. At first she will not admit aging and will avoid references to old age, Lewis said. Then she will begin to look forward to the future: "I want to live to see my granddaughter married," or will fix her goal for living on a similar occasion. Her personality changes little as she grows older if aging does not bring brain damage.

Adjustments cause the greatest problems for aging women, according to Lewis. The widow over 65 may have been dependent on her husband so long that she finds herself unable to cope with social and financial problems. Socially she feels isolated. Financially she is often poor, trying to live on \$10.00 a day. She is one of 6,000,000 widows in the U.S. over 65.

In 1972 there were over 11,000,000 women responsible for their own welfare in this country. In addition to these widows there were 1,200,000 women who were divorced or who had never married. Most of them were born and grew up at a time when a woman's career was marriage and children, Lewis said. Few were trained for work outside the home. If they held jobs, their salaries were far below men's. Their Social Security payments reflect this differential.

To enter the job market now means training or additional education for most of these women. Many 65 or older are afraid of failure. Employers, including the U.S. government, give them little encouragement despite the fact that they have proven to be more reliable than younger women, Lewis noted. Younger women have problems which older women no longer have. Statistics show that older women have less absenteeism, higher productivity and a lower turnover.

Women who have been creative all of their lives adjust to age and the single status remarkably well. Lewis has great respect for older couples who give time to all kinds of senior citizen activities. Her own parents, who live in the small Minnesota town of Wykoff, work with a senior citizens group there.

In Lewis' practice, the next largest group of women who come for help are the younger professionals who are in their first year of a career, or in their first year at a professional school. They are fearful of male competition, of not passing their bar examinations, of working in firms where there are only men.

Several times during our interview Lewis reiterated a special insight: "At this point in history women are more interesting than men," she said. "They have more responsibility. They must decide what careers they will follow. They must figure out how to support themselves through 7 to 10 years of widowhood. They have to plan for nursing care for themselves after having been nurses for their husbands.

"Women must deal with criticism no matter what role they choose for themselves," Lewis said. "There is an inner conflict in every role. Women are forced into far more roles than men. Their need to resolve problems makes the female personality far more complex than the male and that is why more women are coming for therapy than in the past.

"Because they are more complex at this stage of history, women are fascinating."

With her husband, she is a prolific co-author

Lewis has co-authored with her husband two books relating to the elderly.

Aging and Mental Health: Positive Psychosocial Approaches (Mosby) is a textbook for programs which train mental health specialists. *Sex After Sixty: A Guide for Men and Women for Their Later Years* (Harper & Row) is a practical book for the older person and for young people concerned about the future. It explodes myths and explores realities.

She is also working on a new book — a kind of Dr. Spock for older people — that will include general information about old age. It is written for the individual who is growing older and for her/his family.

Lewis also anticipates a textbook on "Women in American Society." In fact, the manuscript is due next spring. This book, which will examine the present condition of women from an historical perspective is intended for women entering college.

That means looking at the progress of women's lib. Lewis is finding that older women are becoming more aware of themselves as persons and as a group. They have common interests for which women's lib has not shown concern. They are beginning to work together to solve problems of loneliness.

Lewis believes that older women can encourage comparative research on longevity. Why are there nearly 12 million women over 65 and only 8 million men? She believes that women with wealth should support this kind of research.

In 1960 Myrna Lewis was the outstanding sociology student at the University of Minnesota. She was elected to Phi Beta Kappa and the National Institute of Mental Health awarded her full scholarships to Columbia in 1961-62 and 1964-65.

At 38 she is a vibrant, attractive woman whose concern for women is much more than clinical. She inspires personal conversation. She listens as well as she talks. — Wilma Smith Leland

GOPHER TALES

By Dave Shama

About 10 years ago Murray Warmath thought about his schedule for a few seconds, then looked at his visitor and scowled. "A favorable schedule is as important to a team's success as most anything," he signed. "A lot of great coaches have gotten their programs off the ground with smart scheduling."

In 18 years as Gopher football coach, Warmath's teams faced a steady succession of top 10 foes. The worst of it was that the Nebraskas, Southern Cal, Missouri and Michigans were usually on the first half of the schedule — thus dealing the Gophers defeats, injuries and broken hearts by mid-October.

Warmath's pleas for easier schedules resulted in some changes over the years . . . until we arrive today at a schedule which can only be described as a dandy. In fact, you don't knock the 1976 Gophers when you say that the schedule may well be the team's major asset.

The Gophers open with a Big Ten game, Indiana, at home. The lowly Hoosiers have won just five games in the last three seasons and are a unanimous choice among Big Ten football writers to finish in the Big Ten's second division. Flashy coach Lee Corso, who has been known to bring his teams to the stadium in a double-decker bus, is under tremendous pressures.

The week following the Indiana confrontation, the Gophers begin a series of three nonconference games. Their first foe is Washington State — perhaps the Indiana of the Pacific Coast Conference. Western Michigan, a team which won one game last year and lost 38-0 to Minnesota, comes next. After that laughter, the Gophers travel to Seattle to play the University of Washington — a team which, though mediocre, is the most difficult assignment among the first four foes.

Then the Gophers come home to play Illinois. The Illini are supposed to be a challenger for third place in the Big Ten. The Gophers, Illinois and Purdue are most commonly mentioned as the teams to finish immediately behind Ohio State and Michigan.

The Gophers reach the halfway point of their 11-game schedule when they

meet Michigan State. The Spartans might have been a national power, but they've lost players because of NCAA penalties. Another interesting angle to the Gopher-Spartan game is that Minnesota meets Michigan State after the Spartans have played Notre Dame and Michigan on successive weekends.

It's not crazy to think that the Gophers could have a 5-1 record after their first six games. The rest of their schedule shows games against Iowa, Michigan, Northwestern, Ohio State and Wisconsin. The Gophers will be solid favorites against Iowa, Northwestern and Wisconsin. Figuring losses to Ohio State and Michigan, Minnesota could finish with an 8-3 record. That might be a little optimistic. The prediction here is for a 7-4 season.

At any rate, there is more justified optimism on campus and off since 1968, the year after the Gophers shared the Big Ten title. Who knows, the students might even start coming back to the games.

Athletic director Paul Giel proclaims, "This year's team promises to be our most exciting and crowd-pleasing ever. This is the year. We are enthusiastically looking forward to full support from our alumni and the entire community."

The Gopher publicity office is building much of the attention for the coming season around senior quarterback Tony Dungy who was the passing leader in the Big Ten last year. Dungy receives as much ink for his leadership qualities and personality as he does for his football skills. The University is boosting him for All-American honors, at which he has an outside shot, and at the same time is saying he is an "All-American person."

As heroes are supposed to, Dungy talks more about the team than himself. He says the Gophers should be headed for a post-season bowl game and are about to deliver the high caliber of football not seen at the University since the 1960's. "Once we get a couple of wins under our belts and put it all together, there is no telling how far we can go," he emphasizes. "We've got more good players than Coach (Cal) Stoll has ever had before."

The strength of the Gopher offense revolves around Dungy and receivers Ron Kullas and Jeff Anhorn. Veteran Mike Jones will back them up later in the season when he recovers from knee surgery.

The Gophers' passing game is a strategic plus since there are few college teams which pass as well. Most teams are run-oriented and used to foes who stress the running game. Consequently, few teams will be prepared for the Gophers' passing attack.

Still, Stoll would like the Gophers to be more of a running team than they were in 1975. Last year the run-pass ratio was 2-1, but 3-1 is considered a sounder ratio.

Stoll says that the running game will be improved over 1975 when the backfield was hard hit by injuries. Senior Bubby Holmes, the only Gopher with breakaway speed, led all rushers with 573 yards in 1975. Other backs of "Big Ten caliber" are Steve Breault, Kent Kitzmann, Greg Barlow, Sam Brady and John Mathews. Among the freshmen who might contribute is Pat Paquette, a 6-foot-5, 240-pounder.

The offensive line could be the downfall of the Gopher season. There are just two returning regulars, tackle Jeff Morrow and guard Brian Harvey, both of whom were 80 percent efficient last year. Stoll expresses cautious optimism that capable players will be developed, but no one has to warn him that a football team must have outstanding linemen to be successful.

There are suspicions about the defensive line, too. Keith Simons, an all-Big Ten player, is the only lineman lost because of graduation, but he was the unit's best player. The second best player, George Washington, Big Ten leader in tackles, has a shoulder problem. Other players fit into the "have potential but are unproven" category.

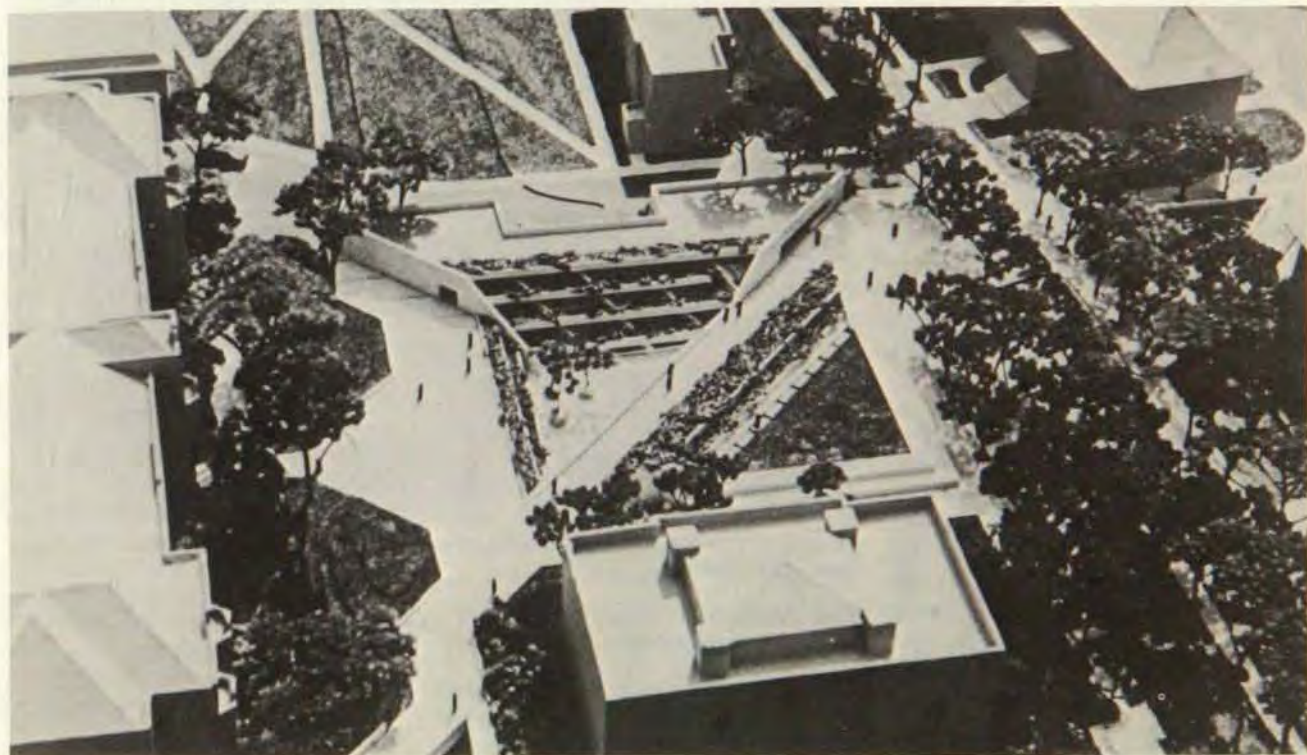
Stoll is pleased with his linebacker and secondary corps. Linebackers Mike Hunt and Steve Stewart were regulars last year and will rank with the Big Ten's better linebacking pairs. Three of 1975's four regulars return in the defensive backfield, including strong safety George Adzick whom Stoll thinks could be the best in the Big Ten at his position.

The Gophers ranked sixth in Big Ten total defense in '75 and will need to improve that mark. Chances are they will since they have so many returnees and young players in whom Stoll has confidence.

In fact, the Gophers' future looks fairly bright. The team may lose only five or six players through graduation. If a replacement is found for Dungy, the Gophers might even be better in 1977 — though they may not necessarily have a better record.

Why? The schedule looks tougher.

New building conserves energy



If you

stand across the street from the new University Bookstore, Admissions & Records and Burser's Office you might wonder where the rest of the structure will be. From in front of Nicholson you can see a low concrete wall, perhaps 10 feet high, that is part of a diagonal walkway which runs between Folwell and Jones Halls to the west end of Pillsbury, but whether the rest of the building?

The answer lies not in what can be seen, but what is unseen, below ground. Except for an entrance and the diagonal walkway at ground level, this new building exists underground.

Such construction will result in considerable energy savings, as well as visually preserve the unique architecture of Folwell for the passerby.

Built on one of the last centrally-located sites on the East Bank, the new structure will consolidate Nicholson and the Engineering bookstores and free badly needed space for other uses in Morrill Hall.

According to Thomas Bligh, assistant professor of Mechanical Engineering, building below grade will

result in an energy savings because, below the frost line, the earth maintains about a 55°F temperature the year round.

"During the day in the wintertime we expect that the building can almost be heated by the warmth from the lights and that created by people using it. (There is a backup heating system.) Overall, an energy savings on the order of 60 to 70 percent is possible," Bligh said.

Just how energy-efficient the building can be is yet to be determined. Bligh has received a \$242,000 grant from the National Science Foundation to pay for the installation and monitoring of heat-sensing equipment in the surrounding soil.

He and another assistant professor of Mechanical Engineering, James Ramsey, hope to reduce the new building's energy needs still further through the addition of a solar heating and

The University's new Bookstore, Admissions & Records and Burser's Office building, the majority of which is underground, can be seen in the center of this aerial photo of a model of that portion of the East Bank campus where it is being constructed. The top of the new building consists of the terraced and green areas divided by the diagonal walkway that leads to its entrance on the upper left of the walkway. Its low profile allows the architecturally-popular north facade of Folwell Hall, to the left, to be visible to passersby, as well as enhances its energy-savings capabilities. Jones Hall is immediately below the new structure, with Pillsbury visible on the top right and Nolte Center above it. The space the new building occupies formerly held Temporary South of Folwell postwar structures.

cooling unit. Both men were awarded a \$93,000 design grant from the Energy Research and Development Agency (ERDA) for this addition. Bligh said that when their plan is finished, which should be about October 1, they will submit it to ERDA and probably then receive another grant to build the collector.

(Continued on page 28)

Building . . .

The University has also contributed \$51,000 to the solar project by constructing the building so that a collector can be added later.

The building was designed by David Bennett, a member of the BRW Firm of Edina, Minn., and a University assistant professor in Architecture. His design won one of the 1975 Annual Progressive Architecture Design awards.

The move of Admissions & Records and the Burser's office into the new building will free space in Morrill Hall that, according to Milton Trapold, director of Space Programming and Management, will be used to house student-related services that are now scattered around the East Bank. Student Employment, the Campus Assistance Center, the Martin Luther King program and the Student Financial Aid office are all tentatively planned to move into Morrill Hall.

Trapold said that registration and payment of fees at Morrill will continue until a new form of registration and payment, now under study, is implemented.

The space vacated in Nicholson will be used by General College for a teaching lab and more office space. The area presently used by the Engineering Bookstore will be converted into student study space.



What might be the last new building constructed on the University's East Bank is hearing completion.

New bookstore visible through a special skylight

The new bookstore will be located two floors below ground level. In order for passersby to see into the bookstore, a special form of skylight was developed, according to Eric Wheeler, assistant director of Physical Planning.

The first floor below grade houses administrative offices for the Bookstore and Admissions & Records. The second floor will be used by all three units in the building. The third floor

underground contains the mechanical systems for the building.

Wheeler said that construction began in April 1975 and should be complete about October 1.

The building has not yet been named.

Total cost of the new structure will be \$4.2 million. Clinton Hewitt, assistant vice president for Physical Planning, said that none of this money came from students fees no from Legislative appropriations. — David Schiller

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Regents approve \$411 million legislative request for next biennium

In

early August the University's Board of Regents approved a \$411 million legislative request which includes enrollment limits over the 1977-79 biennium.

Meeting at the University's Landscape Arboretum in Chaska, Minn., the regents reserved the right to discuss a proposed 25 percent tuition increase over the biennium at their September meeting.

The legislative request was adopted on a vote of 10 to 2 at the recommendation of an ad hoc committee chaired by Loanne Thrane of Chanhausen, who had studied the enrollment and budget issues over the summer months.

"The questions and choices before us would assuredly be substantially different if the University of Minnesota was the only game in town when it came to quality higher education in the state of Minnesota," Thrane said in her committee report.

"It is our conviction that appropriate plans can be worked out between our systems to assure that no one who has the opportunity for advanced learning today will lose that opportunity tomorrow," she said.

University president C. Peter Magrath said that he plans to work with the administrations of the community college and state university systems and the Higher Education Coordinating Board to develop an "inter-system referral/information service" to advise prospective students who are turned away from the University about other options available to them.

The legislative request implies that 3,400 students will be turned away from the University's College of Liberal Arts, General College and Duluth campus over the next two years.

Regent Robert Latz of Golden Valley said that the cost of open admissions over the next biennium would be

\$7.5 million. "We are not just talking about diverting 3,400 students," Latz said. "What we're really talking about is turning away some 40,000 students between now and 1990."

Latz said that the University's administration should have worked out the process for limiting enrollments before asking the regents to approve the legislative request.

Latz and Regent George Rauenhorst of Olivia cast the dissenting votes.

Regent Lauris Krenik of Madison Lake said there are other institutions in Minnesota for students to attend who are denied admission to the University. "The \$7.5 million represents the cost in only one biennium, but over the years it would get even larger than that," Krenik said.

Michael Unger, a student regent from Cottage Grove, supported the legislative request, saying that a controlled growth plan is a necessity, given the trade-off between quality of education and maximum access to students.

Legislative request incorporates controlled growth factor

The legislative request has been tailored to incorporate controlled growth during the next biennium, which would be the first stage of a projected bulge in enrollment to 61,300 students in 1981, with a decline projected for after that.

"We note that even with this diversion plan, the University expects to exceed its current enrollment level by approximately 3,000 students during the next biennium," Thrane said.

"We feel this adjustment is necessary so as to avoid overcommitting finite resources in view of the temporary nature of the enrollment bulge," she added.

"Educational opportunity is seriously diminished if, upon entering an institution, a student is faced with the kinds of problems caused by overcrowding and under-staffing," she said.

At their September meeting the regents will discuss asking the Legislature to subsidize a \$19.6 million projected tuition increase over the next biennium.

Two years ago, the regents and the other higher education systems in Minnesota asked the Legislature for a tuition freeze, which was partially granted in 1975.

Regent Erwin Goldfine of Duluth urged that tuition increases be taken up by the regents as an issue separate from the legislative request.



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Faculty Profile

Russell G. Thornton:

Only commitment and education will solve Indian problems

Russell

G. Thornton came from Pennsylvania in the fall of 1975 to head the Department of Indian Studies at Minnesota.

His predecessor, W. Roger Buffalohead who was then on leave to teach in Wahsington state, has returned to the University faculty this fall.

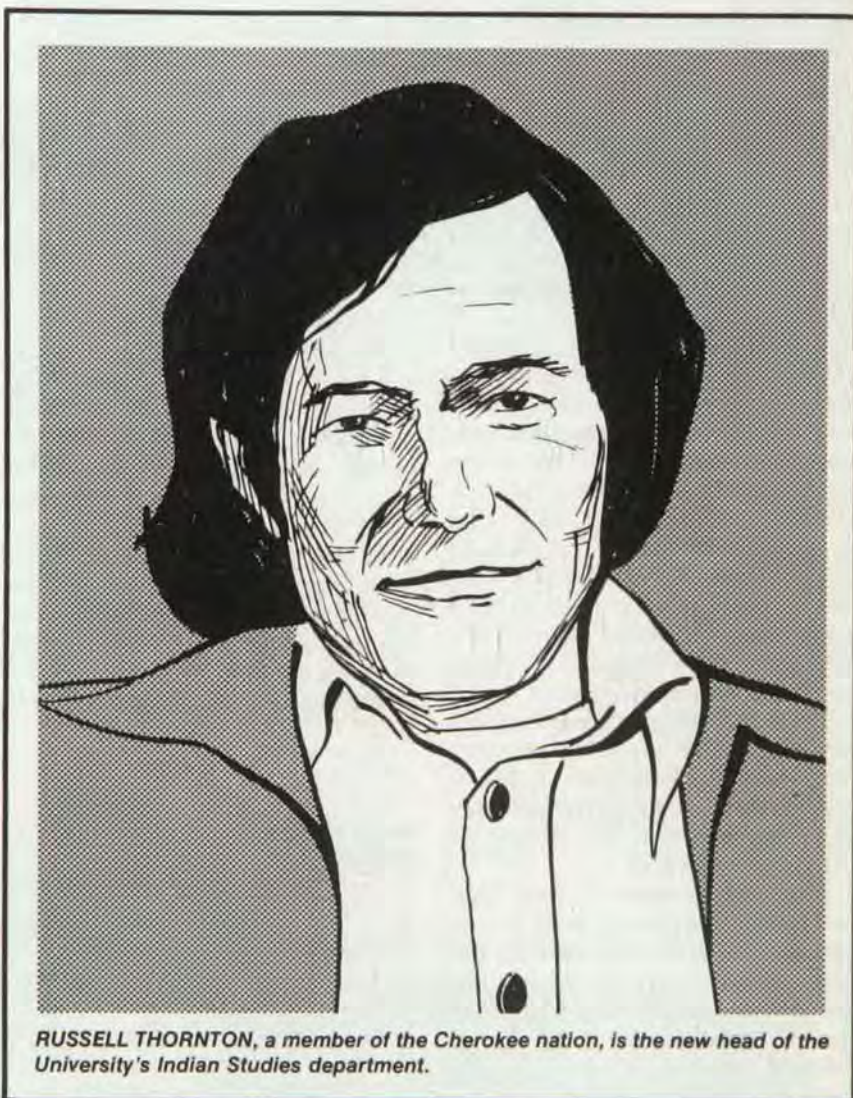
Thornton believes that only commitment, a recognition of Indian problems and a determined effort to change can bring the American Indian into his proper place in American life. All of this requires time, patience and, as importantly, money.

The Department of Indian Studies, consistent with the mission of the University, has three functions: to teach, to research and to be of service. Research is done through the department's Center for American Indian Research. A Community Resource Services component, which Donald Allery, Sr. coordinates, works to meet service obligations.

Education, Thornton believes, is the only means of solving problems, but education must be relevant, including programs to alleviate unemployment. Most of the government's educational programs for Indians have been directed toward vocational training and skilled work. Little has been done to make the traditional courses in the schools interesting to Indians and their dropout rate at all levels has been great.

In a previous interview Buffalohead had spoken with great pride about curriculum material for elementary schools produced by an Indian Studies committee and the Minnesota Historical Society.

When asked about them, Thornton said, "They have never been published because of lack of funding. We would also like to make a film showing the traditional maple sugar harvest at Nett Lake, but there is no money for the project. We want students to go there as they did to Red Lake last year."



RUSSELL THORNTON, a member of the Cherokee nation, is the new head of the University's Indian Studies department.

Thornton came to the University to head American Indian Studies because of the opportunity to work in what he describes "as the best department in the United States." Few Indian Studies units have departmental status except for those at the University of California-Berkeley, UCLA and Minnesota. There are some programs like that at Bemidji (Minnesota) State University, but Thornton could think of none in the Southwest where higher education is badly needed.

Indian history and culture need to be known not only by Indians, but by non-Indians as well. Much of what is written today about the Indian is trivial Thornton said. There are plenty of Indians with PhDs to create faculties and to write and do research if funds were available for the programs, he pointed out.

Until the right curriculum and materials for elementary and secondary schools are available, Indian children are not going to be educated as they need to be, Thornton said. That curriculum and those materials must in-

clude language. When a child knows nothing of the language of his tribe, he cannot understand the traditions, culture and the religion of his background, he said.

Language is important component of Indian Studies

"Why must we teach the language of India in a university and not the languages of the American Indians?" Thornton asked.

There are five language teachers in the University's American Indian Studies. Rose Barstow and Angeline Northbird teach Ojibwe; and Mary DeCora, Rebecca Flute and Carolyn Schommer are Dakota specialists.

They are five among a faculty of 13. Timothy Dunnigan, an associate professor, is a linguist and works with the language teachers in linguistics. He is one of two non-Indians on the staff.

Ruth Voights and Ed Wapp are instructors, teaching history, and Indian music and dance, respectively. Larry Leventhal teaches courses in law, while Elgie Raymond is a lecturer in history, tribal policy and development, and social work.

Thornton teaches a seminar in the history of Indian education — a subject which involves his entire family. A member of Oklahoma's Cherokee Nation, his father taught in that state's Bureau of Indian Affairs schools.

His great grandfather was one of the founders of the Cherokee National School to which black and white children went because of the excellence of its education. This school operated about the time of the Civil War. When the federal government took over schools on the reservation, it emphasized vocational training and had little regard for preparation for additional education.

Lack of relevant education creates major problems

This lack of relevant education has created some of the Indian's contemporary problems: unemployment because of nomotivation; and the loss of a place in society for the male Indian with resulting alcoholism and drug use stemming from his rejection and unemployment. Family disruption follows. The Indian woman has continued to maintain her place in tribal life since she bore and cared for the children.

And Indian society became, as black society had, a matriarchal one.

Thornton's field is sociology. His undergraduate and master's work was done at North Texas State University. In 1968 he received his PhD from Florida State University.

In 1968-69 he held a Social Science Research Council post-doctoral fellowship in the Department of Social Relations at Harvard. His work at Florida State's Department of Sociology was done under a fellowship granted by the National Defense Education Act. He also won the Bobbs-Merrill Award in sociology while he was at Florida.

Before he came to Minnesota, Thornton coordinated a doctoral program in education and sociology at the University of Pennsylvania, and he was a research associate in the Center for Research on Acts of Man, Inc. in Philadelphia from 1972-75. His association with the University went back to 1969 when he became a lecturer and research associate in the Sociology of Education.

Thornton has done research at all educational levels and is presently a member of the Social Problem Research Review committee of the National Institute of Mental Health. He was a principal investigator for "The Rise and Fall of the Choctaw Education System," which was funded by the Spencer Foundation.

Thornton specialties are reflected in Minnesota curriculum

His research and study fall in areas of family stability, disruptive classroom behavior and educational aspirations of the poor in suburbia.

The curricula in Minnesota's Indian Studies mirror these concerns. For a bachelor's degree in the area required courses include Indian languages and culture, American Indian history, arts and crafts or music, the American Indian population of the USA, urban Indian communities, changes and development in Indian communities or tribal policy and program analysis, research methods in American Indian Studies, and two additional courses.

Indian Studies courses have recently been expanded to emphasize tribal development and contemporary issues. When asked whether this would mean a closer relationship with such movements as A.I.M., Thornton said that there would be a closer examination of all contemporary movements, but not ties with a particular one.

There are about 400 American Indian students on the Minnesota campus. Last year there were 24 with majors in Indian Studies which has yet to form a graduate program. Interdisciplinary courses in the department draw students majoring in anthropology and similar fields.

All of the Indian Studies faculty members work in the Indian community. Allery is associated with the Survival School and the Native American Center development programs and extension courses. Classes at the Upper Midwest Indian Center, which are primarily concerned with Dakota culture, are well attended. Wapp and Voights give special work at the Red School House in St. Paul, teaching music and dance, and history, respectively.

There is a great need for special instruction for Indian children in the public schools which should cover all phases of Indian culture, according to Thornton. There was an attempt to teach an Indian language at Phillips Junior High School in Minneapolis, but short funding endangered the program.

Thornton has developed a philosophy for Indian education: "First there must be preservation of the existing culture and language. There must be recognition of the legitimacy of the American Indian in American culture and history. The languages must be included in the university language system — they should have been. And there must be art courses.

"Then we must come to grips with current problems. The key, of course, is the proper education of children, but we have to start with the matriarchal family and the loss of stature for the male," he said.

One might wish that there were some religion teachers among Indians.

(Continued on page 32)

Thornton . . .

Thornton says there are not. He reminds everyone, however, that the Indian was the first ecologist, viewing himself as part of nature.

In bringing a man of Thornton's background, experience and scholarship to head the American Indian Studies department, administrators in the College of Liberal Arts have recognized the need to expand the studies and to help the people of Minnesota recognize that higher education can be a means to the ultimate solution of Indian problems. To get proper funding takes understanding. — Wilma Smith Leland

Frank and Frank-Homesteaders

Selma Crow Therriault '30MS taught school in Winthrop, Washington, during the Depression years. She married Frank Therriault in 1935 and they lived in Winthrop until World War II when they moved to Seattle.

Mrs. Therriault worked for the Grant County Journal in Ephrata and served as president of the Washington Press Women from 1966-68. When she retired as a news writer in 1974, she wrote her first book. It is *Frank and Frank-Homesteaders* (Carlton Press, \$4.50).

In her Author's Note, she says that the book was written to "inform the youth of today of adventures folks had in an earlier day, looking for jobs and places to love, in faraway lands."

In the year Frank Therriault and Frank Witte left Washington to live in British Columbia, it probably seemed faraway. They went to look for land on which they could raise cattle.

In reading this book one finds time confused and what may have been adventure seems to be less than exciting. True, there were jobs in those days of the early and mid-20th century. And, true, there were plenty of hardships; but in the book they seem to string along in a matter of fact manner, chapter after chapter, but compressed into 40 pages. — WSL



Is It Really So?

Salt causes cancer! Thunder sours milk! Lightning never strikes twice in the same place! True?

According to Dwight J. Ingle '41PhD these statements and many others like them are false. In his small paperback published by Westminster Press, he discusses the human thought process and analyzes why false beliefs are formed.

Ingle, who first discovered the biological activity of cortisone, discusses numerous kinds of fallacies in the seven-chapter book. He cites, for example, the fallacy of verbal conjugation: "I am frank; you are candid; he is rude." The fallacy consists of using words with different meanings to describe the same characteristic.

The psychologist turned physiologist says most people have some difficulty with the meaning of words and their proper use, and suggests that asking for definitions of words used by an opponent in an argument is one sure way to put him on the defensive, especially if definitions are requested for obscure words used in the original definition.

Other fallacies discussed in the book, which contains one of the most complete listings of fallacies ever published, are fallacies of generalization, oversimplification, begging the question and fallacious use of numbers and deductive reasoning.

"The mind is limited in ability to collect information about the world," Ingle says, noting that individuals vary in their ability to observe and remember, as well as in their ability to reason. He cites the results of surprising students during a lecture with a rehearsed "crime" scene in which one person chases another with a banana and the victim falls "dead" at the sound of a popping paper bag. Accounts from students varied from near accuracy to genuine fear that after the victim was shot the criminal might turn his "gun" on others.

Ingle closes his book with a chapter discussing ethical uses of knowledge. He questions those who would stop some research because of their fears of the use to which the knowledge might be put, but agrees that some caution must be used. He says possible benefits of research might be weighed against possible harm and the most judicious course chosen.

Ingle worked both at the Mayo Clinic in Rochester, Minn., and at the Ben May Laboratory for Cancer Research at the University of Chicago during his scientific career. At Chicago he was head of the psychology department for nine years. When he retired he went to the University of Idaho in Moscow as a visiting professor of chemistry to help teach courses on pseudosciences.

He is donating the royalties from this book to a scholarship fund for another Minnesota alumnus, Dr. Malcolm Renfrew, who recently retired.

Alcohol and Your Health

W. H. Burgess '41BBA has co-published this book that carries an introduction by Senator Frank Moss, sponsor of the comprehensive Alcohol Abuse and Alcoholism Prevention Treatment and Rehabilitation Act.

Modern Medicine states that the book is a "veritable mine of important information."

The *Library Journal*, which selected the book as one of the best medical and science books of 1974, observes that "this masterful research technique, combined with meticulous detail, organization and analysis, sheds much needed light on the alcohol problem."

The book is in its second printing at the Charles Publishing Company in North Hollywood, Calif., and costs \$14.50.

Two Volumes By Bly

Robert Bly, the Minnesota poet who lives on a farm near Madison, has a way of bringing out two books simultaneously. Only in 1973 when *Sleepers Joining Hands* and *Jumping Out of Bed* were published, he had a third book off the press, *Selected Poems of Lorca and Jimenez*, selected and translated by himself.

The two 1975 books are *Old Man Rubbing His Eyes* (Unicorn Press, paperback \$4.00) and *The Morning Glory* (Happer & Row, cloth \$5.95.)

The poems in the first book are illustrated by Franz Albert Richter's powerful line drawings. They are pencil drawings of strong rural peasants, gnomish in quality. The poems are lyrical, filled with imagery of seasons and experiences on the land. They are free of the abstract burdens of poetry written in highrises abused by noise and pollution.

Some are short; some are several stanzas longer. None are tiresome. They evoke memories, sights and sounds which the reader knows. Or if he doesn't, he wishes he did, they have the strength of the drawings; the blessings of Mid-America.

The Morning Glory contains prose poems, most of which have been published elsewhere. Gathered into one volume they were written during the last seven or eight years. Of the prose poems, Bly says, "They appear whenever a country's psyche and literature begin to move toward abstraction. An ancient tradition holds that those who long for what is beyond sight have to look more closely at what the eyes can see."

In this volume Bly writes of what he sees in travels around the country. As you read the poems, you imagine that you can see Bly sitting with his pad of paper, seeing what he sees, seeing beyond what he sees into your own experience. A writer who can achieve that is an artist. — WSL

The Genius of the Place

is an anthology and a commentary on the English landscape garden, 1620-1820. The editors, John Dixon Hunt and Peter Willis, a former University professor, intend that the book should be read by the general reader, as well as by art students.

As they say in the Introduction, the book "brings together a selection of the most important literary and visual evidence, and chronicles the development of the English landscape garden from the early 1700's when its distinctive features began to emerge, to its decline in the early nineteenth century . . . The fortunes of the landscape garden involved the history of ideas, of taste, of the great English estates, of the other arts of poetry and painting that guided the course of landscape design."

It was Walpole who said, "Poetry, Painting & Gardening, or the science of Landscape, will forever be men of Taste be deemed Three Sisters, or the Three New Graces who dress and adorn nature."

Harper & Row published the American edition at \$25.00. Elek Books Ltd. issued the British edition. Hunt is a lecturer in English literature at York University. Dr. Willis now lectures at Newcastle University, his subject being architecture. Both men have published articles on subjects similar to the contents of this book.

Illustrations include reproductions of drawings and paintings of the gardens referred to in the excerpts from writings of such authors as Francis Bacon, John Milton, Joseph Addison, Daniel Defoe, James Thomson, Alexander Pope, Robert Morris, Henry Fielding, Horace Walpole, Thomas Jefferson and Jane Austen. There are pieces from books by lesser known to our public, but renowned gardeners and architects.

John Vanbrugh, the architect, wrote his reasons for preserving some parts of the old manor at Blenheim, the great mansion he built for the Duke of Marlborough.

George London and Henry Wise, the first of the English nurserymen and gardeners, are represented by an excerpt from *The Retir'd Gard'ner*. They advise buying garden stock from reliable nurserymen who can be counted on to give hardy trees. They also advise not sending servants to buy stock, but to go yourself. Their comments on designing flower gardens have suggestions about soils and sunlight.

Pope not only disliked topiary, he deplored, in satire, the artificialities in garden ornaments and garden buildings. He voiced his feelings to Lord Burlington in verse.

After the formality of landscape garden design, Lancelot Brown reverted to the naturalistic. One of those who disliked him and his work was William Chambers who wanted his gardens "imaginative". Chambers' *A Dissertation on Oriental Gardening* launched a dispute which got gardening involved in politics.

Visitors to Kent in southern England have seen some of the country homes about which Jane Austen wrote in her novels. The excerpts used are from *Pride and Prejudice* and *Emma*.

The gardener interested in the history of landscape gardening, the artist involved in the study of landscape painting of the period, finally the student of English literature will welcome the anthology. — WSL

Living with Chronic Neurologic Disease

This volume is a handbook for patient and family (W. W. Norton, \$8.95 cloth, \$4.95 paper) by Dr. I. S. Cooper '51PhD. Dr. Cooper, who is director of the Department of Neurologic Surgery at St. Barnabas Hospital in New York and a research professor of neurosurgery at the New York University School of Medicine, also maintains a private practice.

It is from his long experience with

children, men and women who suffer such non-curable illnesses as Parkinson's disease, epilepsy, dystonia, chorea, cerebral palsy, multiple sclerosis, ALS and stroke that he is able to counsel relatives and patients.

A non-sufferer who reads the book will be impressed by Dr. Cooper's kindness as he relates to the relatives who are faced with the agonizing problems of how to manage the chronically ill. His frankness with patients as he tells them what questions to ask doctors, what answers to require, would put off some doctors.

He discusses these matters in such detail that the relative and/or the patient is shown alternatives and ultimates. In the chapter on diagnostic tests, the reader learns more than the average doctor will take time to discuss.

Dr. Cooper's constant warnings about the costs of some of the tests in relation to possible end results must stimulate deep consideration on the part of relatives and the patient himself.

In a chapter which discusses pain as a chronic ailment in itself, the author spells out possible alleviations.

Dr. Cooper was one of the first surgeons to operate on Parkinson patients. He has originated techniques in cryogenic surgery and the brain pacemaker. In discussing surgical procedures he makes sure that his readers understand terminology through very clear explanation.

A list of agencies to help families and patients is given at the end of the book. There is also an excellent index if one wants to save time in locating specific information.

The foreword of the book, written by Sir Peter Medawar, Nobel Laureate in Medicine, is entitled "Cooper's Fourth World," the world of handicapped people.

"Cooper's advice to its citizens can be summed up in the rubric 'Adapt or perish,'" said Sir Peter, who belongs to the fourth world.

In reading the manuscript he said that "I marveled increasingly at the authoritative wisdom of a man who, in addition to being one of the two or three leading brain surgeons in the world, is also a human being of remarkable intelligence and compassion."

The average person will not be reading this book, but perhaps if he/she did, he/she might have a better understanding of the families of the afflicted and of the often misshapen victims themselves. — WSL

Constituent Group Activities News

October 2

The Minnesota Alumnae Club will hold its Annual Luncheon Meeting and Fifth Annual Seminar on Saturday, October 2, in the Campus Club, Coffman Memorial Union, on the University of Minnesota's Minneapolis campus.

The morning seminar program will open with registration at 9:00 a.m. The seminars, with the theme of Personal Independence 1976, feature: *Session A*, "Where do I go from here with my life?", with Richard Leider of Human Renewal Associates, developers of programs on self discovery, self assessment and career-life planning, telling you how to achieve a new you;

Session B, "Ready or Not — Your Need for Estate Planning," with Thomas H. Libera '55JD, vice president and head of the Trust & Estate Development division, and John P. Northcott, vice president, both from the First National Bank of Minneapolis;

Session C, "Stop the World — I Want to Get On," with Edith E. Mucke '67BA '71MA, University of Minnesota director of Continuing Education for Women, on the changing and growing educational needs of women and how a major university meets them; and

Session D, "Starting Your Own Agency or Business," with Margot Siegel '44BAJourn and Gloria Hogan '44BA, partners in SHE, Siegel-Hogan Enterprises, on a boutique-like public relations agency that opened nearly six years ago and now has more than 200 clients, mostly male, focused in a variety of media levels. Both women were recently named business columnists for *The Minneapolis Star*; and with Mrs. Jane Chase '58GDH '59BA and Mrs. Idelle Kline '60BS of the Flora Adora Shop, the first in the Twin Cities to sell through "plant parties."

A 12:30 p.m. social hour will precede the 1:00 p.m. luncheon meeting at which Dr.

Clara Penniman '54PhD, the first Oscar Rennebohm professor of public administration in the University of Wisconsin's Center for the Study of Public Policy and Administration,



Penniman

will receive the Outstanding Achievement Award. A distinguished educator and political scientist, she is considered an authority on state government and finance. Dr. Penniman has written several books, including *State Income Tax Administration*, which she co-authored with Walter Heller.

Reservations are available at \$7.00 per person for the Seminar and Luncheon and \$3.00 for the Seminar only, from the Minnesota Alumnae Club, University of Minnesota, 2610 University Avenue, St. Paul, MN 55114, telephone 373-2466. Reservations should be made by September 29.

October 8 & 9

The Medical Alumni Association will hold two days of meetings and reunions on October 8 and 9. Headquarters for this series of events is the Radisson Hotel South in Bloomington, Minn.

On October 8, a 12 noon Alumni Luncheon will feature University professor Franz Halberg as guest speaker. He will talk about the new science of chronobiology. Cost of the Luncheon is \$5.00.

At 2:00 p.m., a Scientific Seminar will be presented by the 25th alumni class, with Drs. Richard Lillehei and Byron Roberts as co-chairmen.

A 6:30 p.m. social hour at poolside will precede the Annual Alumni Banquet in the Great Hall West, beginning at 8:00 p.m. The banquet will feature the presentation of the H.S. Diehl Awards to Drs. Leonard A. Lang '29MD, Milton M. Hurwitz '40MD and Russell O. Sather '33MD, and an address by University president C. Peter Magrath. Cost of the banquet is \$16.00.

At 10:00 a.m. on Saturday, October 9, a tour will be held of the new Health Sciences facilities on the University campus. An hour later there will be a Chuckwagon Lunch in the Owre-Millard-Jackson Quadrangle after which those who wish can attend the Minnesota-Illinois Homecoming game. Cost of the lunch is \$6.00, football tickets, \$7.00.

Reservations can be made through the Medical Alumni Association at 2610 University Avenue, St. Paul, MN 55114, telephone 373-2466.

This year's reunion classes are the 1926MB's, 1931MB's, 1936MB's, 1941MB's, 1946MB's, 1951MB's, 1956MD's, 1961MD's and 1966MD's.

October 9

The Veterinary Medical Alumni Association will hold its Second Annual Business Seminar Luncheon & Football Game program on Saturday, October 9.

The event will open with a 9:00 a.m. Registration in the Phase I Building on the St. Paul campus. The 9:30 a.m. program will feature D. Bruce MacCallum, JD, CLU, president of Investment Research Corporation, who will discuss "Planning Business Finances."

At 11:45 a.m. a barbecued beef luncheon will be served outside of the Block and Bridle Club. Buses will leave for Memorial Stadium and the Gopher's Homecoming game with the Illini at 12:45 p.m.

Reservations are available at \$5.00 each for the morning program and luncheon, \$14.00 for the luncheon only, and \$8.00 for the football game which includes bus transportation to and from the game. Reservations should be made through the Veterinary Medical Alumni Association, 2610 University Avenue, St. Paul, MN 55114, telephone 373-2466.

Around & About

School of Medicine

29 Dr. Edward E. Engel '29MD, Riverside, Calif., and his wife Edith Dickson Engel '25BSNur, celebrated their Golden Wedding Anniversary this year.

35 Dr. Harold Scheie '31BS '35MD, Philadelphia, Penn., received the Strittmatter Award from the Philadelphia County Medical Society in mid-May. He was cited for "his achievements as an outstanding physician, teacher and author; retired Brigadier General, United State Army Reserves; a loyal servant of organized medicine; and a recognized world authority on ophthalmology. Also this summer, a bronze bust of Dr. Scheie was unveiled at a reception in the Presbyterian-University of the Pennsylvania Medical Center's Scheie Eye Institute. The institute is named for him.

39 Dr. Lyle A. French '39MD, vice president for health sciences at the University of Minnesota, recently received the Neurosurgeon Award from the American Academy of Neurological Surgery. He has been president of the Neurological Society of America, the American Association of Neurological Surgeons and the academy. French, who has received five academic degrees from the University, has spent all of his academic career at the Medical School. Although he recently resigned as head of the University's department of neurosurgery, he has remained active as a professor of neurosurgery.

45 Dr. Samuel T. Nerenberg '42BS '45MD '52MS '54PhD, Wilmette, Ill., is now head of the department of pathology at Abraham Lincoln School of Medicine, University of Illinois College of Medicine at the Medical Center in Chicago. He previously was professor of biological chemistry in the School of Basic Medical Sciences at the Medical Center and professor of pathology in The Abraham Lincoln School of Medicine, as well as director of the Clinical Laboratories of the University of Illinois Hospital.

50 Dr. Elaine M. Hacker '50MD, Grosse Pointe Farms, Mich., has been named associate medical director of Pontiac Motor division in Pontiac, Mich. She was previously in private medical practice in the Detroit area.

52 Russell H. Miller '52MS(Med), vice chancellor for medical center administration at the University of Kansas Medical Center, Kansas City, and a full colonel in the Air Force Medical Service Corps Reserve, was the recipient of the Joint Military Service Commendation Medal. He was cited for his meritorious service from 1972-75 in advising defense department officials on the organization and construction of the new Uniformed Services University of Health Sciences in Washington, D.C.

57 Dr. Richard H. Eg Dahl '57PhD, Brookline, Mass., academic vice president for Health Affairs at Boston University, has been appointed Medical Services division chairman for the 1976 United Way of Massachusetts Bay fund-raising campaign. A director at the Boston University Medical Center, he is also executive vice president of University Hospital.

59 Dr. Richard Lundborg '59MD, chief of anesthesiology at Hilo Hospital in Hawaii, received a Distinguished Alumni Award from Gustavus Adolphus University in St. Peter, Minn., where he did his undergraduate work. He was a member of the Mayo Clinic staff in Rochester, Minn., and on the faculty

of its Graduate School of Medicine, until he left in 1971 for his pioneering venture in Hawaii where he became the first anesthesiologist on the Island of Hawaii and has had a great impact on the improvement of medical services since. A member of the associate faculty of the University of Hawaii, he will become president of the Hawaii County Medical Society in 1977.

62 Dr. Merle K. Loken '56PhD (Physics) '62MD, Minneapolis, a professor and director of the division of Nuclear Medicine at the University of Minnesota Medical School, received an Alumni Achievement Award from Augustana College in Sioux Falls, S.D., during its annual Alumni Day banquet in May.

64 Dr. John G. Bergstrom '60BS '64MD, Malvern, Penn., has joined Smith Kline & French Laboratories, Philadelphia, as associate director of clinical investigation. Before joining SK&F, he was clinical assistant professor of medicine at the University of Minnesota Medical School and maintained a private practice in Cokato, Minn.

67 Dr. Franklin Martin '67MD, formerly senior research associate at the United Hospitals, Miller division, in St. Paul, is now an assistant professor of pathology at the University of Nebraska Medical Center in Omaha.

Business Administration

41 Edward Landes '41BBA, Edina, Minn., education manager of IBM's Central Region, has served the Data Processing division of International Business Machines for 35 years. A past president of Minneapolis Junior Achievement, he is currently president of the Rotary Club of Minneapolis and the board of trustees of the Bishop Whipple Schools (Shattuck, St. Mary's and St. James) of Faribault, Minn.

42 Robert W. Fischer '42BBA, Minneapolis, has joined Data 100 Corporation as executive vice president of finance and a director. He was formerly chief executive officer and a director of the Minneapolis-based Inter-Regional Financial Group, Inc., and of its largest subsidiary, Dain, Kalman & Quail.

54 William R. Reilly '54BSB '56MBA, associate professor of economics and business administration at Norwich University, Northfield, Vt., is on sabbatical this year, teaching part-time as a visiting professor of international business at The American College of Switzerland, as well as doing research and taking some coursework.

56 Robert F. Garland '56BSB has become vice president and controller of Burlington Northern. He joined the former Great Northern Railway in 1959 as a computer programmer.

Norman W. Litts '56BBA, Charlotte, N.C., is vice president and trust officer of North Carolina National Bank. He had been a trust officer at the Central National Bank of Cleveland and had served as president of the Cleveland Stock Transfer Association and as an instructor and member of the Board of Regents of the Ohio Trust School.



Retired executive works aboard

Ernest Olsen '34BAgE, San Antonio, Texas, recently returned from his second volunteer project for the International Executive Service Corps. He worked on a three-month management consultant project in Lima, Peru, with a company that manufactured mining equipment.

In 1974 he worked on a volunteer project in Brazil.

Olsen retired four years ago from the John Deere Company where he was works manager of their Industrial Equipment factory in Moline, Ill. Previously he was general manager of the Oliver Corporation factory in Springfield, Ohio, and plant manager of Lustron Corporation in Columbus, Ohio.

He also served in the Army during WWII and retired with the rank of lieutenant colonel from the Army Reserve.

57 Gerald L. Cleveland '57MBA, formerly business dean at Seattle University in Washington State, is now dean of the University of Idaho College of Business and Economics in Moscow. A professor of accounting and dean at Seattle since 1969, he previously served on the faculties of the Universities of Washington and South Dakota.

Robert L. Smitten '57BBA, Minneapolis, is vice president of finance and chief financial officer of La Maur, Inc. With the company since 1962, he is its former treasurer.

Around & About

James W. Wogsland '57BBA, who joined Caterpillar Tractor Company, Peoria, Ill., upon his graduation from the University, is now its treasurer. He most recently had been manager of the Finance department of Caterpillar Overseas S.A.

60 Richard H. Solomon '60BBA, Los Angeles, Calif., has been named a vice president of Alexander & Alexander, Inc. He joined A&A in 1974, after eight years with Johnson & Higgins.

65 Peter Prestegaard '65BSB, New City, N.Y., has been promoted to senior vice president and treasurer of Avis, Inc., in Garden City, N.Y. He joined Avis in 1974 as vice president and treasurer. Prior to that he had been a vice president of the Irving Trust Company.

67 Thomas K. Lanin '67BBA, St. Clair, Mich., has been elected to fill the newly-created position of assistant treasurer of Diamond Crystal Salt Company in St. Clair. He joined the company in 1971 and had been serving as its manager of general accounting.

Pat Patterson '67MA, Mendota Heights, Minn., is now manager of Organization and Management Development in Economics Laboratory's Personnel & Industrial Relations department. He joined EL after being employed by Hoerner-Waldorf and Standard Oil of Indiana.

Earl N. Sonnesyn '67BBA, Edina, Minn., has been named vice president and general manager of International Multifoods' grain division. He has held various grain management positions, most recently as division vice president of grain merchandising.

74 Bruce P. Mullen '74BSB, who works for Allied Chemical Corporation, received the 1976 Graduate School of Business Administration Dean's Award at the College of William & Mary, Williamsburg, Va. He received his master's degree from the school this spring.

75 Susan Gaukstad '75BSB, Minneapolis, has joined Apache Corporation as accountant for Apache Programs, Inc. She was previously employed by the University of Minnesota Physical Plant as a senior accounting clerk.

76 Leland W. Hansen '76BBA, Chicago, Ill., is the new assistant operations director of Northwestern University's Norris University Center in Evanston, Ill. He formerly worked with Coffman Memorial Union at the University of Minnesota and served as chairperson for the Minnesota Union Coordinating Board.



Appel is APhA president

William F. Appel '49BPhM, Minneapolis, is currently serving as president of the American Pharmaceutical Association (APhA). He is vice president of Appel Pharmacy, Inc., Minneapolis, where he is associated with his father and brother. The senior Appel has been practicing in the same south Minneapolis location for 50 years. Bill joined him in 1949, following his graduation from the University. In addition to being licensed in Minnesota, he is also licensed in Arizona and Florida.

Appel has been active in numerous pharmacy organizations, having held office in the Northwest Branch of APhA, Twin City Retail Druggists Association, University of Minnesota College of Pharmacy Alumni Association and the Minnesota State Board of Pharmacy, serving the latter group as its president in 1965. He has also been active in the Minnesota State Pharmaceutical Association (MSPhA), serving as vice president in 1969-70 and currently as chairman of the MSPhA Welfare Task Force. And he is a clinical instructor on the University of Minnesota's College of Pharmacy faculty.

His professional activities have brought him numerous pharmacy awards: the APhA Academy of Pharmacy Practice Daniel B. Smith Award in 1970, the MSPhA Harold R. Popp Memorial Award for Outstanding Service in 1974 and the University of Minnesota Distinguished Pharmacist Award in 1971.

He previously served APhA on its board of trustees, as vice chairman of that board and as its chairman since 1972.

Forestry

35 Arthur E. Ferber '35BSFor, Minneapolis, retired forester for the U.S. Soil Conservation Service, Lincoln, Neb., has been named a Fellow of the Soil Conservation Society of America. He was cited for his life-long contributions to woodland conservation in the Great Plains and for his active support of the Society and its programs.

58 Carl H. Reid '58BSFor '69PhD, director of The Environmental Program and professor of forestry at the University of Vermont, Burlington, has been appointed the first Daniel Clarke Sanders Professor of Environmental Studies. He joined the UVM faculty in 1972 after serving as a Bullard Fellow at Harvard University.

Agriculture

61 Neil N. Fruechte '61BSAg, St. Paul, vice president-education and marketing at the Federal Intermediate Credit Bank since 1974, has been named senior vice president-operations. He joined the bank's staff in 1964.

William Merrill, Jr. '61MS '63PhD, professor of plant pathology at The Pennsylvania State University, University Park, received a Distinguished Teaching Award at spring commencement. He joined the Penn State faculty in 1965.

69 Williams '69MSAg is an assistant professor and forest hydrologist for Clemson University's Belle W. Baruch Forest Science Institute headquartered near Georgetown, S.C. He is currently conducting a long-term experiment in the Institute's Hobcaw Barony and surrounding forest, measuring the ebb and flow of ground water on the barony.

72 USAF First Lieutenant Craig F. Swenson '72BSAg, Rosemount, Minn., an OV-10 pilot, is currently stationed in Sembach AB, Germany.

74 Mary Frances Maguire '74BSAg '74BA, Minneapolis, is the coordinator of horticultural programs for the Minneapolis Park & Recreation Board. Most recently she had worked as an information specialist for the Como Park Conservatory in St. Paul.

Law

46 Orville L. Freeman '40BA '46LLB, currently chief executive officer for Business International Corporation and former Secretary of Agriculture for eight years during the administrations of President Kennedy and Johnson, has been named a trustee of the University of Denver's Social Science Foundation. He also served as Minnesota governor for three terms. Author of *World Without Hunger*, he holds honorary degrees from four universities.

73 Susan Marnan '69BA '73LLB, Minneapolis, has been named Affirmative Action Administrator for Economics Laboratory, St. Paul. She was previously employed by the Prudential Insurance Company in Minneapolis.

Nursing

57 Sandra Rasmussen '57BSNur '60MA, Newton, Mass., director of consultation and education services and preventive programs for the Massachusetts Department of Mental Health, has been appointed chairperson of Curry College's new Division of Nursing Studies. The new baccalaureate nursing program is being developed in cooperation with the Children's Hospital Medical Center of Boston. Rasmussen, who has been a visiting professor at Boston University and Boston College and who has held other administrative positions with the Massachusetts Department of Mental Health, received her PhD for Harvard University in 1973.

58 Donna Fox '58BSNur has been named an assistant in nursing for South Dakota State University's Minneapolis-based nursing program. She is currently working on a master's degree at Minnesota.

73 Susan Nash '73BSNur '74MS, an instructor in nursing for South Dakota State University, is also working in their University of Minnesota program. She was previously an instructor at Ohio State University.

Liberal Arts

23 Jessie Bernard '23BA '24MA, an internationally-known sociologist and Outstanding Achievement Award recipient who has written extensively on marriage and the family, women and sex roles, received the 1976 Achievement Award of the American Association of University Women this summer. A Washington, D.C. resident, Dr. Bernard was honored for "stimulating public awareness of the changes in the social fabric of marriage and the family", as well as for her role as a creative scholar in sociology. For 17 years she was professor of sociology at The Pennsylvania State University and is still associated with that university as a resident scholar in sociology. She is currently working on projects with the U.S. Civil Rights Commission and the American Council on Education.

26 Luckie B. Waller '26BA, who has operated Waller's Citrus Ranch in Chula Vista, Calif., since 1946, recently gave the University of Minnesota a \$600,000 gift in the form of a prime 40-acre parcel of land located in the San Diego suburb of Chula Vista. A trust, known as the Waller Ranch Trust, has been established to handle the revenue produced from this prime commercial site. At Waller's request, income from the trust will be used to provide scholarships for the College of Liberal Arts and the College of Home Economics. Formerly vice president and member of the board of the Bekins Van & Storage Company, Waller has had successful careers as a banker, pharmacist and businessman.

32 W. Allen Wallis '32BA, chancellor of the University of Rochester in New York, and a distinguished economist, statistician and government advisor, recently had published a collection of writings and speeches critical of excessive governmental power, *An Overgoverned Society*, by The Free Press, a division of Macmillan. He has included 34 essays in the book, written between 1942 and 1976,

which discuss various aspects of the American economy. He served as dean of the University of Chicago Graduate School of Business and as a special assistant to President Eisenhower before becoming head of the University of Rochester in 1962.

43 Eleanor J. Cooper '43BA, Montebello, Calif., has received her doctorate in psychology from Claremont Graduate School.

Richard M. Cyert '43BA, president of Carnegie-Mellon University, has been elected to the board of directors of Allegheny Ludlum Industries, Pittsburgh, Penn. Cyert, who has also served Carnegie-Mellon as dean of the Graduate School of Industrial Administration, professor of economics and industrial administration and head of the Industrial Management department, is also a director of the Koppers Company, Copperweld Corporation, the Lord Corporation and American Standard, Inc.

63 Karen E. Anderson '63BA recently received her JD degree from Loyola University School of Law in Los Angeles, Calif.

Pharmacy

43 Arnold D. Delger '43BSPhm, a St. Paul community pharmacist, was honored by the Minnesota State Pharmaceutical Association as its 1976 recipient of the A.H. Robins "Bowl of Hygeia" Award for outstanding service to his community. A member and past president of the Minnesota State Board of Health, he is part owner of Miller Pharmacy.

Journalism

41 Robert W. Hefty '41BAJourn has been named director of Public Relations for Ford Motor Company's North American Automotive Operations office. He has been corporate director of public information in the Dearborn, Mich., offices since mid-1975 and has held key positions in divisional and other corporate public relations activities.

51 Leon C. Carr '51BAJourn, past president of the School of Journalism Alumni Association, is manager of branch public relations in the 3M Company's Public Relations department. He joined the company in 1961 and most recently was supervisor of branch media relations.

65 David Mona '65BAJourn, Edina, Minn., is the new chairman of the Greater Minneapolis Chamber of Commerce's Sports and Attractions committee. The director of corporate public relations for International Multifoods Corporation, Minneapolis, he is a former baseball writer for the *Minneapolis Tribune*.

Health Sciences

60 Harry H. Hovey, Jr. '60MPH, action director of the Division of Air Resources for New York State Department of Environmental Conservation, has been elected to the board of the Air Pollution Control Association for a three-year term. He has been a member of the association for 18 years and was responsible for its Critical Review program presented at its 1976 annual meeting.

72 USAF Major Harry C. McClain, Jr. '72MHA, Huntsville, Ala., who serves at the USAF Hospital at George AFB, Calif., was cited for meritorious service for his work as a hospital administrator at Hill AFB, Utah.

Education

28 Ruth Lampland Ross '28BSEd, well-known critic, recently received an award as one of 110 outstanding Connecticut women, presented by Governor Ella Grasso.

31 Marjorie Barnes '31BSEd '33MA, Eau Claire, Wis., was named Style Maker of the Year by the Chippewa Valley affiliate of the National Hairdressers and Cosmetologists Association. She had been honored earlier by a local Girl Scout troop as a "hidden heroine", a woman admired for her achievements, noble qualities and to be considered a model or ideal.

Donovan A. Johnson '31BS, recently returned from San Jose, Costa Rica, after spending three months as a consultant in mathematics education to the public school system of Costa Rica. A former president of the National Council of Teachers of Mathematics, he retired in 1973 from the faculty of the University of Minnesota where he was a professor of mathematics. He has also been a consultant to the Turkish government.

41 G. Lester Anderson '41PhD, University Park, Pa., has retired as director of The Pennsylvania State University's Center for the Study of Higher Education. A nationally-known educator, he joined the Penn State faculty in 1969 after an 18-year career at the State University of New York at Buffalo where he served as dean of administration, vice president for education affairs and was a distinguished service professor of higher education. He was acting dean of the College of Education at Penn State from 1973-74.

Ellen C. Eagen '41MA, associate professor of nursing at the University of Minnesota, has been elected president of the American Academy of Nursing of the American Nurses' Association. She is a charter member of the academy.

Graduate

35 Arthur O. Davidson '35MA, chancellor of Wagner College, Staten Island, N.Y., and president of the Norwegian-American Historical Association, has been decorated with the Commander's Cross of the Order of St. Olav, the highest award of the Norwegian order created in 1847 by the King of Norway and Sweden to honor distinguished citizens. The decoration recognized his work as chairman of the 1975 National Coordinating committee of the Norwegian Immigration Sesquicentennial which coordinated the activities marking the 150th anniversary of Norwegian settlers arriving in America.

Oliver P. Jones '35PhD, a professor of anatomical sciences at the State University of Buffalo, New York, received the 1976 Distinguished Research Award from the Buffalo chapter of Sigma Xi. He is considered to be one of the country's most important pioneers in the use of advanced microscopic techniques to study blood.

DEATHS



'10-'19

Peter W. Forsbergh '11BEE, Rockport, Mass., in July 1975 while visiting a son in Scotland. He was employed for many years by the General Electric Company and specialized in railway electrification, having worked on the Great Northern Cascade Tunnel and abroad in France, Belgium and Chile.

Dr. Louis T. Austin '12DDS, Rochester, Minn., on March 6 at age 84. A professor of dentistry in Mayo Graduate School of Medicine, he was a consultant in the Department of Dentistry at the Mayo Clinic from 1919 until his retirement in 1956, and was head of that department from 1938-1951.

Pearl McIver '19BSNur, Washington, D.C., on June 3.

'20-'29

Dr. Asa G. Churchill '29MD, San Rafael, Calif., on May 10.

H. W. Swenson '20BSAg, Chisago City, Minn., in February 1975.

L. J. Weber, Jr. '20BChem, Minneapolis, on May 23.

Dr. William W. Baade '21DDS, Renville, Minn., on June 4 at age 76. He lived and practiced dentistry in New York City for 33 years before retiring in 1962 and returning to Minnesota.

Samuel M. Frank '22LLB, Chicago, on April 23.

Irma Curtis Wilson (Mrs. Henry M.) '22BSHE, St. Cloud, Minn., on June 9 at age 75. A retired librarian with the Stearns County and St. Cloud public libraries, she was a life member of Phi Upsilon Omicron, home economics fraternity, active in community and church organizations and served as a volunteer with the American Red Cross.

Philip H. Bryan '24BSFor, Hot Springs, Ark., on May 11 from an extended illness.

Paul E. Nystrom '24BArch, Madison, Wis., in January 1971.

Benjamin T. Newhart '24BEE, Libertyville, Ill., on May 4.

Mrs. Lucile Webster Wright '24BA, Anaheim, Calif., on May 9 at age 73. Twice honored as Women of the Year by the California Apprenticeship Standards Bureau, she was active in Ebell Club, Senior Citizens Club, the California State Employees Association and the American Association of University Women and of Retired Peoples.

Dr. Everett F. Jones '27DDS, Minneapolis, on March 17. A member of Sigma Nu and Delta Sigma Delta fraternities and the Minnesota Dental Association, he practiced dentistry on the corner of Lake and Lyndale for over 40 years.

Joe L. Blackshaw '28BMEchE, Atlanta, Ga., on April 26.

Former judge William LaPlante '29LLB, Rochester, Minn., on July 2 at age 71. He was a special municipal judge from 1933-43, a city justice for five years and in 1959 was appointed municipal judge by then Governor Orville Freeman. He was elected to two six-year terms to that same post beginning in 1960.

'30-'39

Mrs. Beth Porter Garvey '31MA, Los Angeles, on May 31.

Lawrence "Duke" E. Martinson '32BChem, Rochester, N.Y., on June 7 at age 64. He worked for Kodak for 35 years in the field of lithography and published numerous patents in the graphic arts field and in rare earth chemistry. He was a member of the Rochester Academy of Science and the American Chemical Society.

Mildren Loughrea '35BSEd, Edina, Minn., on June 16, 1975.

Agnes M. Bruner Landon '38BBA, Minneapolis, on October 16, 1971.

'40-'49

E. Graham Pogue '40MA, Muncie, Ind., on June 2 at age 64. A number of the Ball State University faculty since 1949, he was nationally known for his work in developing the student teaching program there to a fulltime experience for students in key schools throughout the state. He was active in both the state and national Association for Student Teaching and was one of the organizers and early chairman of the Ball State University Senate, Ball State Federal Credit Union and the American Federation of Teachers on that campus. When he retired in 1975, his colleagues and former students established the E. Graham Pogue Scholarship at Ball State for teacher education students.

A. T. Abbott '44BA, Honolulu, Hawaii.

'60-'69

Dr. Roger L. Jensen '61DDS, San Clemente, Calif., on May 28 in an airplane crash with his wife Marlys. He served in the U.S. Navy as a dental officer aboard the *U.S.S. Hornet* following graduation from the University. Upon discharge, he established dental practice in San Clemente.

Jerry M. Preshiren '66BME, Ely, Minn.

Staff

Dr. Walter P. Gardner, St. Paul psychiatrist and retired University clinical professor, on July 17 at age 71. He was the first appointed psychiatrist of the Ramsey County Juvenile Court and former medical director at Hastings and Fergus Falls state hospitals and superintendent of Anoka State Hospital.

Margaret S. Harding, the first head of the University of Minnesota Press, on March 13 in Grand Rapids, Minn., at age 91. The widow of University history professor Samuel B. Harding, she headed the Press from its inception in 1927 until her retirement in 1953. She was active for many years in the Association of American University Presses, serving as its vice president in 1951-52, and was a member of several professional organizations. She served on the National Commission on Children and Youth for the U.S. Children's Bureau in 1946-47. The Margaret S. Harding Memorial Fund of the University of Minnesota Press has been established in her memory.

Dr. Gjert M. Kelby, Edina, Minn., clinical professor of radiology at the University's Medical School, on May 5 at age 83. He had retired in 1966 after 37 years of practice as a radiologist and was a former chief of staff at Fairview Hospital and a consultant to the VA Hospital.

Jeanne Sinnen, St. Paul, senior editor with the University of Minnesota Press, on July 19 at age 49 of cancer. She had been employed by the Press since 1949.

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1976 OCTOBER

alumni news

PUBLISHED BY THE UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

On The Inside:

- News of University programs and campus personalities
- Alumni activities and the leadership that makes them go
- And much, much more. . .

Mt. Lemmon Infrared Observatory is a cooperative educational adventure

By Vic Roych '68BA

The setting is almost a Minnesota cliché — tall pine trees rustling in the breeze, sheltering blankets of snow even in late April. But the scene is 1,500 miles from Minnesota, and within a few hundred yards of the pine trees and snow lie cacti and sand.

This is the site of the Mt. Lemmon Infrared Observatory, 17 miles northeast of Tucson, Arizona, plus another 28 road miles up the mountain.

One of only a few such projects in the world, the observatory is operated by the Universities of Minnesota and California at San Diego.

Among the special telescopes on Mt. Lemmon there is only one infrared, Minnesota and San Diego's 60-incher, that looks through the infrared "windows" in the earth's atmosphere and captures long waves for study. Standard optical telescopes can not detect such light waves at the long wavelength end of the spectrum.

"Only four or five groups in the world really do anything like this," said Dr. Wayne Stein, the observatory director and a University of Minnesota professor of physics and astronomy. The special technology involved in the kinds of study conducted at Mt. Lemmon has, until recently, discouraged most astronomers from doing infrared research, he said. "It's not standard astronomy. It's more like solid-state physics applied to astronomy."

Stein became interested in infrared astronomy while he was a graduate student at Minnesota in the early 1960's, working under Dr. Edward Ney, now chairman of the astronomy department. Another of Ney's graduate students, Fred Gillett(cq), shared Stein's interest and the two later worked together on infrared projects as post-doctoral fellows at San Diego.

Meanwhile, a scientist for the National Aeronautics and Space Administration (NASA), Neville Woolf(cq), who worked with Stein at Princeton, was doing infrared studies from high-altitude balloons.

Ney had pioneered the use of balloons in astronomy and had given Woolf technical advice.

Woolf, however, was convinced that a ground facility was needed and began searching for a suitable site.

"I had been considering putting up an infrared observatory alone," recalled Woolf, now a professor of astronomy at the University of Arizona. But NASA was unreceptive to his

Adams named head of School of Public Affairs

John S. Adams, professor of geography and public affairs, has been appointed director of the University's School of Public Affairs. He succeeds John E. Brandl, director of the school since 1969, who remains on the school's faculty.

Adams was graduated from the College of St. Thomas in economics in 1960. He received his MA degree (economics) in 1962 and his PhD (geography) from Minnesota in 1966.

Before joining the University faculty, Adams taught geography at the Pennsylvania State University.

He has published a variety of books and articles on the structure of American cities and urban public policy.

He will serve a three-year term as director of the School of Public Affairs.



THE MT. LEMMON FACILITY is 17 miles northeast of Tucson, Arizona, and another 28 miles up the mountain. In addition to the observatory itself, the area has a laboratory-workroom building, living quarters and a gymnasium.

idea. An offer to come to Minnesota, which he eventually accepted, led to him joining Stein, Ney and Gillett.

Researchers had to design and build own infrared equipment

One immediate barrier to their research interest was the lack of infrared telescopes. The field was still new when Stein and his associates began their work in late 1966. "There were just no telescopes for infrared," Gillett said. He is now program director of the infrared group at Kitt Peak National Observatory southwest of Tucson.

For more than three years, the researchers had to use their own equipment, which they designed and built, to modify standard telescopes for infrared use. "We would box up the stuff, put it on trucks and take it to whatever telescope we were using," Gillett said.

Everyone soon agreed that "we could make a lot more progress if we could put up an infrared telescope," Gillett said, and the search for a site and funding intensified. "We looked at a number of sites around the western United States and Hawaii."

During the search they learned that the Air Force was abandoning a radar station at the summit of 9,157-foot Mt. Lemmon. "It was known to be a pretty good site because of work that had been done there in the past," Stein said.

The late Dr. Gerard Kuiper, head of the astronomy department at the University of Arizona, arranged to take over the site from the Air Force through the Forest Service, which controls Mt. Lemmon as part of Coronado National Forest, and to lease part of the facilities to Minnesota and San Diego. The two schools pay \$12,500 each annually to Arizona, which maintains the site and uses most of the area for its Lunar and Planetary Laboratory.

Turn to page 3



THERE IS ONLY ONE INFRARED TELESCOPE among the special telescopes at Mt. Lemmon Observatory. This is Minnesota's and San Diego's 60-incher that looks through the infrared "windows" in the earth's atmosphere and captures long waves for study. The observatory's director, Dr. Wayne Stein, said that only four or five other groups in the world do studies like those conducted on Mt. Lemmon.

You are invited to attend The President's Seminars

The purpose of these seminars is to provide the opportunity for you to meet and hear some of the distinguished faculty members of our University.

The name comes from the fact that C. Peter Magrath, President of the University of Minnesota, will again be our first speaker. President Magrath has been with us now for two years and he has some very pertinent comments to make, and he'll answer your questions.

The series opens with President Magrath as our distinguished guest, Wednesday, October 6, at the Alumni Club, 50th floor, IDS Tower. Dinner will be served at

6:30 p.m. with the program following immediately afterwards.

The calendar for the president's Seminars is:

Wednesday, October 6
(President Magrath)
Thursday, December 2
Thursday, February 3, 1977
Thursday, May 5, 1977

The seminars are open to Alumni Club members and their guests. By special arrangement, Association members are invited to attend. The dinner price will be \$6.75 plus tax and gratuity. For reservations, please call our Club Manager, Irene Kreidberg, 376-3667.

alumni news

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Mary Lou Aurell '62BAJourn Editor
Vincent J. Bilotta '57BS Managing Editor

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THAT FIRST DAY OF FALL QUARTER traffic at the University's Twin Cities campus was heavy, but not as tangled as expected. By mid-morning many of the parking lots still had vacancies and the only major traffic jams occurred in the Dinkytown area where street construction and repair continues.

Fall quarter opens with enthusiastic students, inevitable traffic jams

The usual traffic jams marked the first day of fall-quarter classes at the University as 47,300 students swarmed onto the Twin Cities campus, along with 13,000 faculty and staff members on September 27.

Advance planning can and did keep major parking problems to a minimum.

Walter Johnson, manager of University parking services, said that those coming to campus have 1,500 fewer parking spaces to choose from due to construction in the river flats area, on the West Bank near the new Law School building and across from the stadium, where a new Minneapolis fire station has been built.

There are 5,900 spaces available on a daily basis out of a total of 12,000.

Ramp C, at Oak and Delaware Streets S.E., has 1,000 spaces available for the public and did not fill up last year, according to Johnson. Free parking lots are located at 29th Street and Como Avenue S.E., and motorists using those lots may take the intercampus bus to the Minneapolis or St. Paul campus for 20 cents.

Parking spots are also available in fair-grounds lots adjoining the St. Paul campus; commuters to the Minneapolis campus can ride the intercampus bus from the St. Paul campus at no charge.

Lot 90 on the West Bank and Lot 35 on the East Bank are reserved until noon for cars with three or more persons.

Additional parking meters have been installed on Oak, Ontario and Delaware Streets Southeast and along Cedar Avenue at Third Street South, says Michael Monahan, Minneapolis traffic operations engineer.

A Critical Traffic and Parking Areas ordi-

NASA tests space cheese

The National Aeronautics and Space Agency (NASA) is looking for a complete meal — one that is high in nutrition, with a fairly long shelf life (about six months without refrigeration), and the University is helping with their search.

With funds from the University's Agricultural Experiment Station, food scientist Theodore P. Labuza and his associates in the Department of Food Science and Nutrition have been working on the technology for such a meal. However, they emphasize that the food industry will have to develop the product.

Researchers have come up with what could be one ingredient for a complete space meal — space cheese.

University of Minnesota food scientist Howard Morris, visiting research Kenneth Buckle of the University of New South Wales and Henry Leung of the University of Wisconsin have developed a processed cheese for use in the Space Shuttle.

nance recently passed by the Minneapolis City Council is expected to eliminate much of the on-street parking in the immediate vicinity of the campus that is frequently used by University students.

The ordinance, which would restrict parking to area residents who have obtained a parking permit, was passed as a result of neighborhood pressure and a traffic study. Monahan said the permit parking problem might be in operation by the start of winter quarter in January.

Commuter bus service to the campus has been expanded this fall, according to Roger Huss, transit coordinator, with nearly 80 trips on 10 bus routes. Last year more than 460,000 rides were recorded on the #52 bus routes from Minneapolis, St. Paul, Robbinsdale, Columbia Heights, Edina, Bloomington and Richfield.

The buses arrive on campus in the morning between 7:30 and 11:00 a.m. and leave the campus between 1:00 and 4:40 p.m.

Both Huss and Johnson said congestion in the campus area decreases rapidly during the first week of school. "It does not take long for people to discover the best way to get to campus and then traffic patterns become stabilized," Huss said.

Human Rights Statement

The Board of Regents has committed itself and the University of Minnesota to the policy that there shall be no discrimination on the basis of race, creed, color, sex, age, or national origin. In adhering to this policy, the University abides by the requirements of Title VI and VII of the Civil Rights Act of 1964, Revised Order No. 4, Executive Orders 11246 and 11375, Sections 799A and 845 of the Public Health Service Act, and other federal regulations and pertinent acts of Congress.

It is also the policy of the University of Minnesota not to discriminate on the basis of sex in its educational programs, admissions, activities, or employment policies as required by Title IX of the Education Amendments of 1972.

Inquiries regarding compliance may be directed to Lillian H. Williams, Director, Office of Equal Opportunity and Affirmative Action, 419 Morrill Hall, Minneapolis, Minnesota 55455, (612) 373-796, or to the Director of the Office of Civil Rights, Department of Health, Education and Welfare, Washington, D.C. 20201.

Mt. Lemmon people more interested in doing science . . .

From page 1

The big break for the observatory, once the site was settled, came in 1969 when the National Science Foundation (NSF) made a major donation. The telescope, which evolved from the adaptive techniques developed by Gillett, Stein, Ney and Woolf, was ordered in October 1969 and the observatory started operating in December 1970.

The Minnesota-San Diego telescope was the first built specifically for infrared use, though by the time it went into operation, two Arizona-owned telescopes on Mt. Bigelow, adjacent to Mt. Lemmon in the Santa Catalina range, had been converted to infrared. These two had been used previously primarily for photometry (the measurement of luminous intensity), which is close in technology to infrared. And Minnesota and San Diego had used these telescopes in their research.

Among other early contributors to the observatory was the Science Research Council of Great Britain, which made a grant in return for British graduate students being allowed to occasionally use the observatory. Other colleges and universities also periodically use the facility.

Observatory personnel operate efficient facility on low budget

Most of the observatory's current \$200,000 annual budget comes from the NSF and NASA. Slightly more than half of that money goes to Minnesota because that institution is charged with maintaining the telescope and related facilities. Though Stein does not say so directly, he hints that a bigger budget would be appropriate, pointing proudly to the more than 80 scientific papers based on work conducted by the two schools at the observatory during the past six years.

"We've been able to run a very efficient observatory at a very low monetary level," Gillett said. "Certainly the scientific return for the dollar in that place is very high."

The Mt. Lemmon Infrared Observatory is located on the tip of the summit, overlooking the Tucson valley. Next to the observatory dome is a building housing a laboratory-workroom, three bedrooms and — an unusual legacy from the Air Force — a gymnasium.

"We're probably the only observatory in the world with a gym," Stein cracked.

The observatory is used in one-week shifts. In addition to their scientific tasks, residents must also do their own cooking and house-keeping. The observatory has no full-time staff.

Who gets to use the observatory when is determined by the best viewing periods for whatever astronomical objects are being studied. The two schools usually pursue independent projects, "but there's also quite a bit of collaboration," said Stein, who until recently split his time between the schools.

"I think it's worked out exceedingly well," Stein said.

One of the principal San Diego users of the observatory concurred. "This is a very nice partnership. Everybody gets just about as much time as he/she wants," said Steve Willner, a post-doctoral fellow in physics.

The biggest problem at the observatory is keeping everything running, Stein said. There are no on-site technicians, so anything that breaks down has to be shipped out for repairs or a special call has to be made for technicians.

Three major projects currently occupy Minnesota users

Though the observatory is used to "essentially carry out studies on all astronomical subjects," in Stein's words, three major projects are currently occupying most of the attention of the Minnesota users.

"We have been studying the chemical composition of solid particles in space," Stein said. "We found several years ago that a significant constituent of the particles, the stuff that obscures our vision in outer space, is silicates, grains of sand similar to sand on earth."

These silicates are also found on the moon and in meteorites and, along with other components of space dust, are receiving detailed attention from Minnesota scientists.

"We're trying to understand how these particles form and where they come from," Stein said.

Another area of major interest is protostars, stars in the early stages of formation. The infrared telescope has been pointed at newly-

discovered objects in the universe that have resisted identification by standard telescopes. "We've been interested in learning if any of these objects could be protostars," Stein said.

His current major interest is two little-known phenomena, quasi-stellar objects and Seyfert Galaxies. Quasi-stellar objects are distinguished by the large amounts of radiation they emit and their apparent locations in the most distant parts of the universe. The similar Seyfert Galaxies have very bright nuclei. In both cases, much of the radiation is in the infrared spectrum.

"We've been trying to study the properties of other infrared radiation to determine the nature of these objects," Stein said.

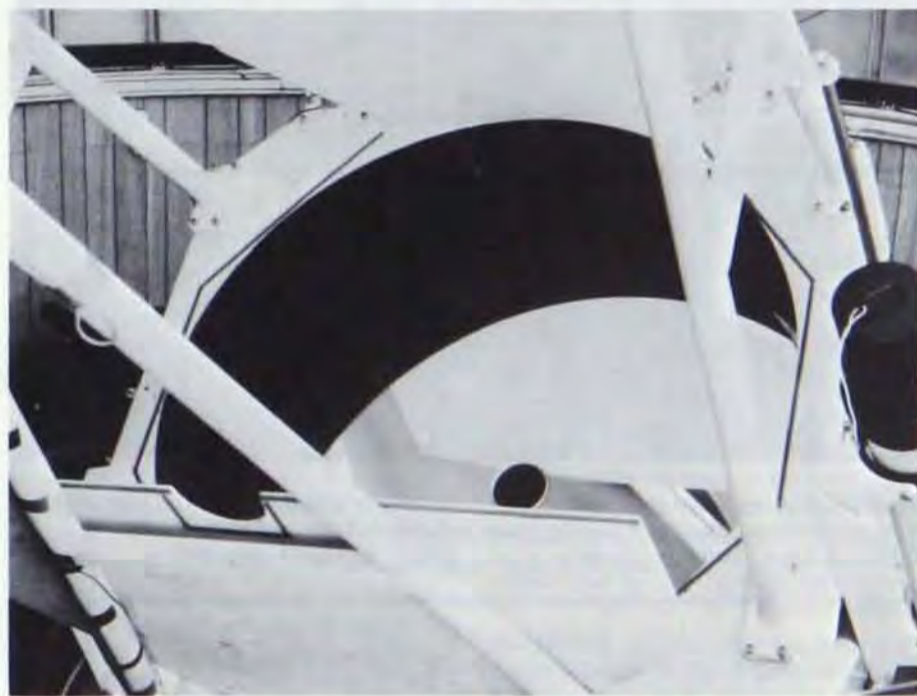
Interest in infrared astronomy is just beginning a boom in the scientific community. "There's a real explosion in infrared exploration," Gillett said. "The field has developed to the point that its importance in astrophysics has been established."

One of the major barriers to infrared research, said Gillett, has been the inefficiency of infrared detectors, but the Department of Defense has developed a good one. "We're just trying to get the spinoff," he said.

Mt. Lemmon researchers are more interested in doing science than in propagandizing it

Despite its pioneer status, the Mt. Lemmon Infrared Observatory maintains a very low profile: its telephone number is not listed in the Tucson directory (the number is under "University of California-San Diego" and "University of Minnesota"). The Tucson Public Library has no information about the observatory and it does not appear on standard maps of Mt. Lemmon.

The road to the observatory from the Mt. Lemmon ski area (southernmost ski area in the



TOP RIGHT: In the late evening, Mt. Lemmon's observatory's open door frames, with the countryside, the national observatory visible on the distant peak between the tall pines. ABOVE, LEFT: This picture affords a closer view of part of the mechanism of Mt. Lemmon's infrared telescope. A greater portion of this intricate scientific instrument is seen in the photo at the bottom right.

United States) is marked only by a dead end sign.

One recent visitor to the site asked a worker there for directions to the observatory. The worker said he did not know, but after checking with a garbage truck driver said, "I think it's the one at the end." (It was.)

This obscurity is unintentional, according to Stein, who said that perhaps not enough attention has been given to promoting the observatory. "The people who have been associated with the observatory, both at Minnesota and San Diego, have been more interested in doing science than propagandizing science."

New Libraries director named

Eldred R. Smith was recently named the new director of University Libraries for the Twin Cities campus. He is currently director of libraries at the State University of New York at Buffalo, and will assume his Minnesota post by December 15 at an annual salary of \$42,000.

"The University Libraries are one of the most important components of our academic programs," University president C. Peter Magrath said. "As we move further into a period of limited resources and expanding needs for knowledge and information, it is essential that our libraries be managed well and

humanely. We believe that Mr. Smith will provide the University of Minnesota with effective leadership and direction in resolving existing problems and moving into the future."

Smith, 45, has bachelor of arts and master of arts degrees from the University of California, Berkeley, and a master of library science degree from the University of Southern California.

Before joining the Buffalo faculty in 1973, he was on the staff of the libraries of Long Beach State College, San Francisco State College and California at Berkeley.

Summer session enrollment stabilizes

Enrollment in summer session classes at the University has apparently stabilized after reaching a record last year.

Summer Session director Willard Thompson said that although complete enrollment data are not yet available, the number of students attending this year is nearly equal to last summer's enrollment.

The number of fees paid at the end of the first session totaled 14,518, compared to 15,689 for the same period last year. University officials report that a number of students were forced to withhold payment of fees until they received their financial aid checks at the start of the new University fiscal year in July.

Fees paid at the end of the second week of the second session totaled 11,357, compared to 12,231 a year ago.

Thompson said information from other colleges and universities across the country reveals that many have found summer enrollment to be less than they had anticipated.

"Two-thirds of our summer session students also attend during the regular academic year," Thompson said. "The dollar doesn't go quite as far and those students need to rebuild their finances for the school year. Jobs seem to be more available, so those students are working."

Gill ratings reflect world-wide acceptance of Institute of Technology graduate excellence

That the size of the University of Minnesota could be a positive force in creating quality education can be lost on students when the long lines form during registration. Yet, the fact that the state of Minnesota has only one major graduate institution is cited by the University's dean of the Institute of Technology (IT) as a major reason for explaining why the University's graduate programs in engineering ranked so high in ratings published this past spring.

"Our elders in their wisdom had the foresight to have only one major graduate institution here," IT Dean Richard A. Swalin said. "Many other small states have their engineering programs divided between two institutions, so you end up with two small programs. We have one large program in one large graduate University."

Three of the University's graduate programs in engineering were rated in the top ten in their respective branches in the country. Chemical Engineering ranked first, Mechanical Engineering, fifth, and Aerospace Engineering, seventh. Electrical Engineering ranked thirteenth — the same rank that the University was given overall.

The study on which the rankings are based was done by William Gill, provost of Engineering and Applied Sciences, at the State University of New York-Buffalo. Gill sent 478 questionnaires to university and collegiate faculty members, department chairmen and deans throughout the nation. He received, and based his study upon, 304 useable responses.

While only a minority of students in Minnesota's Institute of Technology are graduate students in engineering — there were 510 graduate students registered in engineering in the fall of 1975 — 575 in science, architecture and mathematics — and 4086 undergraduates in science and engineering (or a total of 1185 graduate student registrations) in the fall of 1975 — Dean Swalin sees a good graduate program directly affecting the undergraduates enrolled in the Institute.

"I think there is a strong correlation between the quality of an undergraduate program and the quality of a graduate program. If you examine an IT bulletin now and compare it with a bulletin of seven years ago, one half of the courses would be new. Courses that were once on the graduate level are now at the undergraduate level. New courses are introduced as new discoveries are made and concepts are evolved," Swalin noted.

The dean said that an evaluation of the IT units occurs on a regular basis through exhaustive self-survey reports and visits and reports by outside committees of educators from other institutions. These studies cover both graduate and undergraduate programs.

According to Swalin, about 25 percent of the Institute's graduates go directly on to graduate programs. Ultimately, about half of all engineering students nation-wide do some graduate work during their careers.

Ratings, such as the Gill Report, are based on the accumulated impression that the person answering the questionnaire has built up over a period of years," Swalin said. "I think there's reason to believe the ratings are reasonably current, but there could be a time lag.

"A rating doesn't exactly give you a snapshot of where you are now; it is more a shot of where you were a couple of years ago.

"I think there's a very small difference between being first or third or fourth, but a very large difference between say fifth and thirtieth or fiftieth," he added.

Research serves teaching and teaching serves research, says Rutherford Aris

The importance of research in the evolution of teaching is echoed by Professor Rutherford Aris, head of Chemical Engineering and Materials Science, the department which received a number one rating in the Gill Study.

"There never has been any sense in research being opposed to teaching. Research has served teaching and teaching research," Aris said.

He is quick to play down the importance of the Gill rating. "We've never taken these ratings too seriously. We believe we're a good department — among the best. But I'm not sure you can attach any great significance to a number one rating."

Undergraduates in chemical engineering benefit from an unusual teaching system. Rather than being taught by part-time graduate students (TA's) as are many other students at the



University, they are taught by a team of three to five professors who help support each other's teaching. One team member is responsible for lectures, and all lead smaller recitation sections.

Both Aris and Professor L. E. Scriven, who is associate head of the department, place credit for the standing of their department at the feet of Regents' Professor Neal R. Amundson, who stepped down as department head in September 1974, after 25 years in that post.

"The real genius," Scriven said, "in what Amundson had going on here resided in the undergraduate program because that was the glue that really held things together. There was a tradition from the very beginning of working together, and lunching together daily to talk everything over. No new person could lecture until he had been a member of the team and had handled a recitation for a year.

"The team approach has been a mechanism of educating faculty and has often led to a synthesis in research as well as teaching, by exposure of different points of view," Scriven added.

Aris said that the department usually tries to recruit about 20 graduate students each year. This past year there were over 100 serious applicants, and 35 offers were made by the department in order to enroll 22 students.

Aris added that the number of students who receive offers is dependent upon the number of fellowships, grants and scholarship available, since almost every graduate student is dependent on these sources to support him — or, with increasing frequency, her — while pursuing an advanced degree. It normally takes four years to complete work on a doctorate.

Graduate students work in a program designed to develop their research capabilities

Research is the primary focus of the Chemical Engineering and Materials Science Graduate program, according to Scriven. "The program is aimed at developing the student's research capabilities. Fourteen years ago we did away with a bank of preliminary exams which are common elsewhere. Instead, a student submits a dossier at the end of his second year, documenting his ability, his promise to do PhD-level research.

"By virtue of substituting this for the preliminary exams, we've been able to get students thinking about their research much sooner," he said.

Aris and Scriven point out that much of the teaching and research strength of the department comes from the fact that Amundson was able to attract scientists and engineers from a variety of backgrounds other than just chemical engineering.

Going through a pamphlet on the department one finds professors with degrees in mathematics, organic and physical chemistry, physics, metallurgy, biophysics and bacteriology, alongside those with the expected chemical engineering and materials science degrees.

As Scriven said in reviewing the Gill rating, "We've relied, and still do, on colleagues in other universities who know us and the kind of work that is being done here. The consensus in other parts of the world has recognized what is going on at Minnesota and has been sending students here because of the teaching and research activities. Never have we had to depend on what some popularity poll has shown. It is on this basis that good students have been coming to Minnesota for a long time."

— Dave Schiller.



AMONG THOSE WHO HAVE DEVELOPED the internationally significant reputation of the University's Institute of Technology are, from the top, clockwise, the dean of the Institute, Richard A. Swalin; Regents' Professor Neal Amundson, who is credited with instituting a strong undergraduate program and bringing the team approach to teaching in the department of Chemical Engineering and Materials Science; Professor L. E. Scriven, acting head of that same department; and Rutherford Aris, actual department head who is currently on sabbatical.

Wind tunnel given to University by Honeywell

A wind tunnel designed for aerodynamic testing has been donated by the Systems and Research Center of Honeywell to the University of Minnesota. The tunnel was presented to the Department of Aerospace Engineering and will be located on the main campus in the Aerospace Engineering building.

Honeywell utilized the low speed (200 mph) subsonic tunnel to conduct experimental research tests on models of various types of aircraft and flight vehicle components. These test included new kinds of control techniques for conventional fixed-wing aircraft, as well as new rotor blade configurations for improving helicopter performance.

The wind tunnel and related testing equipment will be incorporated into the University's test facilities in the aerodynamics laboratory, according to Dr. P. R. Sethna, Department of Aerospace Engineering head.

Value of the equipment at original cost was more than \$25,000.

Improved financial aid should offset University tuition raise

Financial aid to students from middle-income families who may be hurt by tuition increases will be given a high priority in the University request to the 1977 Legislature.

Without changing the amount of its \$411 million request for the 1977-79 biennium, the Board of Regents in September reordered its priorities and will request an additional \$3.7 million in financial aid above the current biennial appropriation of about \$4.3 million.

The regents' action increases by \$2 million the amount of student aid in the request by reducing the amount the University will seek for increases in a number of other areas, including equipment replacement and maintenance and administrative staff.

In a three-part resolution, the regents voted "to place a high priority on significantly increased student financial aid, geared to the actual needs of middle-income University students, by reordering the biennial request."

The resolution also endorsed efforts by the Minnesota Higher Education Coordinating Board (HECB) to increase the amount of money HECB has available for state scholarship and grant-in-aid programs and the state work-study program.

In addition, the regents voted to support ef-

forts underway in the U.S. Congress to broaden the definition of "need" to include more middle-income students.

Tuition increases of 25 percent are projected for the University over the two-year period beginning in fall 1977, if the Legislature approves the regents' request.

University president C. Peter Magrath said students enrolled in the General College and College of Liberal Arts in the Twin Cities and at the Duluth and Morris campuses, for example, would have to pay \$35 more per quarter, beginning in the fall of 1977, than the \$221 they will pay this fall.

"This would represent a 16 percent increase in their tuition charges over the current year," Magrath said. In the second year of the biennium, tuition for those students would increase by about \$20 per quarter or another 9 percent.

Magrath said the University's student-aid program would be geared toward families in the middle-income range who may be hurt by the tuition increases, but who do not technically qualify as needy under current state and federal formulas.

Regent action will also decrease vandalism during Northrop rock concerts

In other action, the regents' educational policy and long-range planning committee supported Vice president Henry Koffler's policy changes to reduce the chances of vandalism during rock concerts in Northrop Auditorium.

A concert on August 18, featuring Johnny and Edgar Winter, resulted in about \$2,000 damage to the auditorium and an additional \$3,000 in clean-up costs.

Koffler said that the University would make several changes in its leasing policy for outside promoters.

"No concert will be scheduled," he said, "for which there is a reasonable likelihood that the crowd behavior will be unacceptable for Northrop Auditorium or that acceptable crowd control cannot be achieved."

Koffler accepted the suggestion of Regent Michael Unger to seek a student rate as part of the contract with outside promoters to encourage greater attendance by University students at these concerts.

Professor is subject of new book

A University professor is the subject of a new book for young readers. *George Morrison: The Story of an American Indian*, published by Dillon Press of Minneapolis, is the life story of Morrison, a studio arts professor.

Author of the book, which is one in a series on noted Native Americans, is Dragos D. Kostich, professor of interdisciplinary studies and director of the international studies programs at Brooklyn Center, Long Island University, New York.

Morrison, a member of the Grand Portage band of the Minnesota Chippewa tribe, grew up in Grand Marais, Minnesota, and first studied art at the Minneapolis College of Art & Design. He later studied in Europe and lived in the Eastern United States for many years before returning to Minnesota in 1970.

His paintings and wood collages have been shown throughout the world and are included in many public and private collections. His most recent one-man exhibitions have been at the Walker Art Center in Minneapolis in 1973 and at the Minneapolis Institute of Art in 1976.



JOHN WESTERMAN, director of University Hospitals

Westerman named to Accreditation group

John H. Westerman, general director of University Hospitals, has been appointed to the Joint Commission on Accreditation of Hospitals (JCAH).

Formed by the American College of Surgeons, American College of Physicians, American Medical Association and American Hospital Association, JCAH is an independent nonprofit organization of voluntary accreditation.

Each year the JCAH surveys more than 2,500 hospitals, applying its standards to improve the quality of care. About 70 percent of the 7,000 hospitals in the country are JCAH-accredited.

Westerman, a past chairman of the Association of American Medical Colleges JCAH standards committee, will serve on the organization's accreditation committee.

He received a master's degree in hospital administration in 1960 from Minnesota and joined the administrative staff of University Hospitals. In 1966 he was named Hospitals director.

Since 1971 he has been on the board of trustees of Minnesota Blue Cross/Blue Shield, and for the past four years has been a member of the Minnesota State Board of Health.

Revised Health Careers manuals available

The Health Sciences Student Personnel Office at the University Twin Cities campus is publishing a revised edition of its health careers manual for counselors.

Some 1,500 copies of the manual, funded by a \$22,680 Northwest Area Foundation grant, were distributed two years ago to educational institutions and hospitals around the state.

The University has received a \$7,000 grant from the foundation to subsidize the cost of revisions and reprinting. Beginning in October, copies will be available at \$7 each from the Health Sciences Student Personnel Office, 175 Frontier Hall, University of Minnesota, Minneapolis, MN 55455.

Especially for Alumni Club members . . .



A Season of Special Events

Gopher Football Game Luncheons

Featuring a tempting pregame luncheon menu, served from 10:45 a.m. until 12 noon, and bus transportation, from the Marquette Avenue entrance 45 minutes before game time.

Menu includes your choice of chilled fruit cocktail supreme, French onion soup au crouton or chilled tomato juice, and an entree of ham and cheddar on whole wheat, broiled hamburger on kaiser roll, fluffly three egg omelette with bay shrimp, broiled top sirloin sandwich or Golden Gopher salad bowl. Prices start at \$4.75 and include bus transportation. Dessert is extra.

Plan a luncheon for the October 9, Illinois Homecoming game; October 23, Iowa game, or November 13, Ohio State game. Reservations by noon before game please.

Visit the Ski-U-Mah Lounge after the game. Hot drinks and light snack menu served until 6:30 p.m. on game nights only.

MINNESOTA ORCHESTRA 1976/77 SEASON

All Alumni Club Members and Guests

Plan now to dine at the Alumni Club preceding the Wednesday and Friday Concert Series. Enjoy our Special **Prelude Menus**, and after the concert, return to the Club for complimentary wine and cheese served in our Ski-U-Mah Lounge. *This year, we will provide limousine service to and from Orchestra Hall for our dinner guests.* The cost of dinner includes this transportation service.

October 9 Homecoming Victory Dinner

To help the club member and his/her guests celebrate Homecoming '76, the Club will feature a special cut porterhouse "Victory Steak" for two, carved at tableside, and a complimentary carafe of wine with dinner. (Regular menu also served all evening)

And Other Fall and Early Winter Events . . .

November 13, Hunters Night, featuring roasted domestic duckling, braised pheasant, potted quail and mallard ducks. And the chef has created a very special hunters potluck casserole dinner. Other game specialties will be served if available. (Four entrees also served from regular dinner menu)

December 11, Family Christmas "Julebord", a traditional Scandinavian Christmas buffet. Bring the children, your family and friends.

December 21, Christmas Luncheon, a sumptuous buffet at which to entertain your friends or business associates, featuring distinctive Christmas dishes and desserts.

December 31, New Year's Eve, your chance to bring in the new year at the Club, with a five-course dinner, party favors and dancing throughout the evening. Reservations are a must.

January 29, Old Fashioned Seashore Buffet, of iced salads, old fashioned chowders, Pacific chioppino, oysters, clams, seafood salads, baked and grilled fish and seafood specialties of both coasts. (Four entrees also served from regular menu)

February 19, San Francisco Night, the most popular buffet evening in 1976 will be repeated, with the staff attempting to outdo the variety of ethnic foods from the Great Bay Area served last year. (Four entrees also served from regular menu)

March 12, Gala Night, your Club's Third Anniversary Dinner Dance, featuring a five-course dinner with appropriate wines. Wear your fancies. Reservations requested.

Contact Club manager Irene Kreidberg at 376-3667, to obtain reservations for or more information on the special Club events cited above.

GOPHER TALES

By Dave Shama

You don't hear much about Murray Warmath anymore, but he's still part of the University of Minnesota as an assistant to men's athletic director Paul Giel.

It's not like the old days when he was the Gopher football coach. Then he was in the news all the time. Some people said nice things about him. They said he was one of the most fundamentally-sound football coaches in America. They said he produced more victories with his talent than most men would. They said he was a man of fortitude and determination. They said he was a man of high moral character.

Others were critical of Murray. They said his football was dull and unimaginative. They said he wasn't a good recruiter. They said he lost football games he should have won.

Murray's 18 years of coaching at the University were up and down. During a down cycle, he was forced to resign. He was 58-years-old at that time in 1971, but he had no desire to quit coaching.

Murray had been coaching since he graduated from the University of Tennessee in the mid-1930's. A few assistant coaching stops, including one at West Point under the legendary Colonel Earl (Red) Blaik, added to the football knowledge he learned at Tennessee under Robert Neyland. Then he became a head coach at Mississippi State. In 1954 he came to the University of Minnesota.

So practically all of his adult life he was a football coach. When he was told that he had to quit coaching, it must have been just about the worst news he could have been given.

"I love coaching and sometimes I still wish I was doing it," the 63-year-old Warmath said the other day. "I don't miss it as much now as when I quit, but I miss it. I miss being with the players. I miss being with my coaches. I miss the competition . . ."

Murray is essentially a private man and he cautiously admits that he's had opportunities to re-enter coaching. He doesn't care to give the specifics. He dismisses the subject by commenting, "My wife and family decided no more coaching."

Despite his age, Murray's health remains excellent. "I can still keep up with the best of them," he says. "I feel I could go from 5:30 in the morning until midnight . . . just as I did for so many years."

But if Murray still has an itch to coach, he doesn't make it evident around the Bierman building. He's as loyal a supporter of the present football program and the entire men's athletic department as could be found.

"There's nothing worse than to have a second coach around who takes cheap shots at the program," he emphasizes. Then Murray laughs that big southern laugh of his and cracks, "The sports writers do that kind of thing all the time. And, hell, they don't even know what they're talking about."

Since stepping down as Gopher coach, Murray hasn't been to any practices. He says it wouldn't feel right. "It's not that I don't feel welcome," he adds. "I think my relationship with Calvin and his coaches is tremendous. I like them very much and I hope they like me."

Murray attends all the Gopher football games, but he doesn't watch from the stands. He works as a "color" man for a Minneapolis radio station. He's enthusiastic about the job both on and off the air.

"I've been at this radio thing long enough to feel comfortable now," he explains. "I've always liked the idea of being up in the booth rather than in the stands. I just don't care to sit there and listen to the fans. They start in criticizing the uniforms, the players, the coach . . ."

It's not that Murray is trying to deny the fans their right to be critical: "People buy a ticket and they're entitled to holler and yell," he says.

Murray holds no grudges against those who were critical of him. "I don't have any complaints about the way people treated me during my years as Gopher coach," he says. "I guess maybe some of the sports writers got a little pointed in some of the stuff they wrote. But, by and large, I've been treated fairly up here."

The difficult part of his coaching tenure was having to live with a number of Big Ten rules which were much more strict than those under which other major college conferences operated. Rules governing recruiting, eligibility, junior college transfers, scholarships, prac-



AMONG THE SOUVENIRS of a national championship, two Big Ten co-title holders and two Rose Bowl trips, former Gopher football coach Murray Warmath reflects on his teams and the good times they gave many Gopher fans. "I think we were close to getting on top for a long time," he says. "We did all that could be done. I've got no regrets about my record nor my program."

tices, travel squads and bowl games reflected the sentiments of faculty members rather than football coaches.

"Those rules frustrated me beyond belief," Murray recalls with disdain. "The sad thing was that for many years they kept getting worse. For a long time we had to play some of the best teams in the country with their having a big advantage in rules over us."

Despite the difficult rules and schedules, Murray gave Gopher fans a lot of good times. He won a national championship (the only Gopher coach except Bernie Bierman to do so). He twice directed the Gophers to a share of the Big Ten title and he took two teams to the Rose Bowl. He also produced an impressive list of stellar All-American players.

Yet, perhaps the most important to him, he earned the respect of his fellow coaches who Saturday after Saturday commented, "The Gophers are always well-prepared and well-coached. Murray gets a lot out of his material."

A person has to be fairly close to Murray to understand how badly he wanted to establish a football dynasty at Minnesota. In the mid-1960's he was on the verge of doing just that. But his teams fell short. Maybe it was because of the rules, or the schedule, or because Minnesota high school football doesn't produce all the great players that come out of places like Pennsylvania, Ohio and Illinois.

"Yes, I think we were close to getting on top for a long time," Murray agrees. "But, considering the circumstances my staff worked under, I think they did one hell of a job. We did all that could be done. I've no regrets about my record nor my program."

Neither do most of the players who played for Murray. Last year Dick Larson, Bob McNamara and others organized a testimonial

dinner. Nearly 1,000 people, including coaching pals Woody Hayes and Norm Van Brocklin, came.

"Murray is the kind of man people admire," Larson says. "He's forthright and honest. He's a man's man. I don't know of any way of saying it more concisely."

Athletic director Giel adds, "Whether it be fund-raising, public appearances, promotion or whatever, Murray has done everything I've asked of him. I think the University of Minnesota, including Paul Giel, is very fortunate to have Murray Warmath."

Young Russians visit farms, University campus

Five young Russians with agricultural interests stayed on Minnesota farms for 18 days in August under a 13-week 4-H international exchange.

The five were part of a group of 15 that attended an agricultural seminar at the University of Minnesota, St. Paul, in early August. The other ten visited Iowa and North Dakota farms.

The seminar was designed to give exchanges technical, in-depth studies of United States' agricultural practice and production techniques and the opportunity to explore their special interests with University agricultural specialists.

The program is being conducted by the Agricultural Extension Service and the National 4-H Foundation under sponsorship of International Harvester Company.

Fifteen U.S. Agricultural specialists were in the Soviet Union this summer and met with the Soviet delegation in September in Washington, D.C.

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Matched set of eight comes in popular 12½ ounce size. Rims are chip-proof for safety and extra thick bottoms are heavily weighted.

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1976-77 Basketball / Go with the Gophers

1976-77 Schedule 13 Home Games

Sat., Nov. 27	North Dakota St.
Mon., Dec. 6	Northern Mich.
Sat., Dec. 18	Vermont
Thu., Dec. 23	Kansas State
Sat., Jan. 8	Iowa
Sat., Jan. 22	Wisconsin
Mon., Jan. 24	Michigan St.
Sat., Feb. 5	Northwestern
Mon., Feb. 7	Michigan
Thu., Feb. 10	Ohio State
Mon., Feb. 14	Indiana
Thu., Feb. 24	Purdue
Sat., Feb. 26	Illinois

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Minneapolis, MN 55455 Telephone
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The Dunk Will Be Back And So Will The Golden Gophers 13 Home Game — Season Ticket \$52.00

Name, Address and Zip Code Number

No. Tickets	BASKETBALL SEASON TICKET \$52.00 each	Total
		\$ _____
	Postage and Handling	.50
Total Remittance Payable to University of Minnesota		\$ _____



MINNESOTA'S LEGENDARY FOOTBALL COACH, Bernie Bierman, and his wife Clara admire the bust of Bierman that was recently presented to the University by "Bernie's Boys," the men whom he coached during his years at Minnesota. The medal that Clara wears in the photograph is from the Alumni Service Award presented to her at the Alumnae Club's 1970 Annual Meeting. She graduated from the University in 1917 with a bachelor of arts degree. Bernie, who received his BA in 1916, was honored with the University's Outstanding Achievement Award in 1955.

Bernie's Boys honor the Gray Eagle

Bernie's Boys put it all together again on September 10 when they honored former Gopher football coach Bernie Bierman and his wife Clara at the University of Minnesota Alumni Club with the unveiling of a bronze bust of the famed coach who is known as Minnesota's Gray Eagle.

The sculpture was done by Evelyn Raymond, dean of the state's women sculptors whose commissioned works can be seen throughout the United States, including in Washington, D.C.'s Hall of Statuary. She was one of four women honored in the recent IDS Bicentennial Hall exhibit and one of eight women honored in the 1976 Minnesota Legislature Blue Book for "improving the quality of life in Minnesota."

The bust was presented by Glenn Seidel, quarterback and captain of the undefeated Minnesota national champions coached by Bierman.

University vice president for administrative operations, Walter H. Bruning, and Paul Giel, director of Men's Intercollegiate Athletics, also participated in the ceremony.

Seidel and Francis (Pug) Lund chaired the fund-raising committee responsible for the sculpture. That group was made up of former Gopher football captains who played under the man who brought the "Golden Era" to Minnesota football: Ed Widseth, co-captain with Julius Alphonse, 1936; Win Pederson, 1939; Bob Bjorklund, co-captain with Bill Johnson, 1940; Steve Silianoff, 1947; Clayton Tonnemaker, co-captain with Howard Brennan, 1949; and Dave Skrien, 1950. All of these former Gopher captains still live in the Twin Cities area.

The bust, with appropriate legends, will be

displayed on a pedestal encased in the lobby of Bierman Field Athletic building on the University's Minneapolis campus.

Lowell (Red) Dawson, Bierman's first backfield coach, came from Florida for the unveiling, and another former assistant, Dallas Ward, flew in from Boulder, Colorado.

The Biermans had returned to Minnesota from their residence in Laguna Hills, California, for the presentation.

Heralded as one of the coaching masters of college football, Bierman earned all-conference honors as a member of the University's football team in 1915. He became head coach at Minnesota in 1932 and his first team had five wins and three losses. When he reluctantly ended his coaching career in 1950, with time-out for two hours of duty in the armed services, Bierman had amassed an all-time coaching record of 162 wins, 57 losses and 11 ties, and a Minnesota coaching record of 92 wins, 34 losses and 6 ties.

In the ten seasons between 1932 and 1941 that gave Bierman his national reputation, he won conference titles in 1934, 1935, 1937, 1938, 1940 and 1941; national titles in 1934, 1935, 1936, 1940 and 1941; and had teams with undefeated seasons in 1933 (four ties), 1934, 1935, 1940 and 1941.

The four teams he coached from 1933-36 were undefeated in 28 consecutive games and victorious in 21 consecutive games.

Minnesota All-Americans named during the Bierman era included ends Butch Larson and Ray King; tackles Dick Smith, Ed Widseth (twice), Urban Odson, Dick Wildung and Leo Nomellini (twice); guard Bill Bevan; center Clayton Tonnemaker; and backs Pug Lund, Sonny Franck and Bruce Smith.

Dress-up the quarters of the football-minded



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Accented with brass-plated fittings and a burlap shade, this attractive lamp is perfect for that Gopher fan's den, family room or bedroom. Stands 18 inches high. The base is an official replica of the Gopher football helmet, in maroon and gold. Bulb not included. **Members \$14.95, others \$16.95. Minnesota residents, add 4% sales tax.**

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A six-transistor, solid state radio made of high impact plastic, it weighs only one pound and comes with a 90-day warranty from the date of purchase. An official maroon and gold replica of the Gopher football helmet, this radio is not a toy. Stands 6½ inches high. Perfect for the nightstand, bedside table, in the den or kitchen. An excellent gift for that football-minded youngster. **Members \$14.95, others \$16.95. Minnesota residents, add 4% sales tax.**

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University archivist elected first woman Fellow in Forest History Society

Clodaugh M. Neiderheiser '53MA, Minneapolis, has been elected the first woman Fellow of the Forest History Society in recognition of her service and contributions to the study of North American forest and conservation history.

She was one of four elected this year, among whom was University professor emeritus Frank H. Kaufert, St. Paul, retired dean of the School of Forestry. Thirty-eight others have been so honored since 1956.

Neiderheiser, assistant archivist for the University of Minnesota, was employed by the Forest History Society from 1953 to 1959. During this period she compiled *Forest History Sources of the United States and Canada* (1956), which has served until this year as the single most valuable guide to forest and conservation history archives. While on the Society staff, she also assisted in the establishment of an oral history program that has expanded into a major function.

She has continued her involvement in forest and conservation history by processing many important collections held in the University Archives.

Kaufert served as president of the Society for three separate terms, the latest being 1974-76. Widely recognized for his leadership



Clodaugh Neiderheiser

in forestry education and science, he was president of Keep Minnesota Green, Inc., for 16 years and is still a director of the American Forestry Association and a trustee of the Wilderness Research Foundation.

Kaufert received his undergraduate, master's and a PhD degree from Minnesota in 1938.

Geographer named to National Academy of Sciences

University of Minnesota geography professor and director of the Center for Urban and Regional Affairs (CURA), John R. Borchert, has been elected to the National Academy of Sciences.

The 57-year-old Borchert has been a member of the University faculty since 1949. He joins seven other living University professors or former professors who are members of the prestigious institution.

Borchert was cited for his leadership of CURA, an interdisciplinary research organization that deals with urban, regional and state planning, and for his contributions to geography.

He was president of the Association of American Geographers in 1968 and on April 12 of this year received that organization's

Distinguished Service Award. He also served as chairman of the earth sciences division of the National Academy of Sciences' National Research Council from 1967-69.

Borchert was chairman of the University's geography department from 1956-61 and associate dean of the Graduate School in 1965. In 1968 he became director of CURA.

M Club reminder . . .

A reminder to M Club members from president Paul Presthus: Please get your 1976-77 dues of \$15 in as quickly as possible. We need them to run your organization!

McNeal Hall dedication features dream-come-true gallery for University's Design department

"As soon as there was a breathe about a new building, we decided that a gallery was important enough to our department to give it top priority in our building request," Gertrude Esteros, professor and head of the Design department, told The Alumni News.

She is speaking of the Goldstein Gallery, part of the new and renovated McNeal Hall addition that will be dedicated by the University on its St. Paul campus on Thursday, October 14. McNeal is the headquarters for the College of Home Economics.

The gallery, which will house and show costume, textile and other decorative art collections, is named for the Goldstein sisters, Harriet and Vetta, who were the first to teach related art at the University, using illustrative materials. Harriet joined the University faculty in 1910, and Vetta joined her a few years later.

Other design faculty contributed to the department's collection, as did friends, students and former students through the years.

"When I taught costume history, one of my students did a special paper on hats worn at the end of the last century," Esteros said. "Her aunt, a Minneapolis milliner, collected early hand-made hats. The student showed that collection as part of her paper.

"Later, the aunt donated that very well-documented collection to us."

The earliest item in this collection dates back to about 1820. The costume collection has very few pieces from the first two decades of the 19th century. "We do have an 1835 dress and Polk bonnet," Esteros said proudly.

Before the gallery and its adjacent storage and preparation rooms were completed, the members of the Design department did not actively solicit material for their collection.

"We didn't have any place to put it and I was embarrassed about our storage circumstances," Esteros said. "We buit a cabinet in the hallway that was lined carefully, but it was much too full."

Esteros and her staff told many potential donors to hold their material until it could be

properly stored. And many did, including a faculty member who kept costumes in her guest room.

The word "costume" should not mislead the reader. The collection holds clothing and accessories for men, women and children of all ages and status that have been worn through the years.

"It has been difficult to collect clothing of the working class worn in the early years," Esteros said. "These people used their blouses, skirts and petticoats, and trousers until they were completely worn out or else recycled them to make other pieces of clothing."

Helen Ludwig, who received both her bachelor's and master's degrees at Minnesota under the Goldsteins, joined the University staff in 1949 and became especially interested in and actively sought items for the costume collection.

"It was under her direction that we built the bulk of our collection," Esteros noted. "Many of Helen's friends, fellow Doll Club members and Historical Society contacts heard about our interest in costumes and contributed."

Helen Ludwig retired in 1969, but when the time came to move the costumes from their attic storage space to the new McNeal quarters, she was on hand and worked for three weeks in high mid-summer temperatures to move the collection.

McNeal dedication is an all-day event

The formal dedication of McNeal Hall will take place between 2:00 and 3:00 p.m. on October 14th in the hall's auditorium. From 3:00 until 5:00 p.m., organized tours are available for interested individuals who are also invited to attend an informal wine and cheese social hour from 5:00 to 6:00 p.m.

Following a buffet supper in the St. Paul campus Student Center, the Goldstein Gallery will be dedicated in auditorium ceremonies at 8:00 p.m. Refreshments will be served after



McNEAL'S NEW EXTERIOR is an imposing combination of brick and glass.



THE NEW GOLDSTEIN GALLERY is the delight of all the Home Economics' departments. Above, Polly Grindereng, professor of textiles and clothing, left, and Gertrude Esteros, professor and head of the Design department, pose among the displays that were being shown in the gallery this summer. Grindereng is the college's liaison with the local Fashion Group, an organization that will stage a benefit Style Show for the gallery in late October.

THE McNEAL HALL ADDITION and renovation has created a St. Paul campus facility that is open, airy, uncluttered and contains a number of lounge areas inviting to students and visitors alike. The sweeping stairways and greenery visually punctuate the flowing interior design of the building.





A SPECIAL DISPLAY WINDOW in McNeal Hall is also a part of the new gallery. This summer it held an exhibit of period costumes and accessories. The door in the rear of the window opens into the storage and preparation rooms behind the gallery.

the dedication and the gallery will host an open house from 9:00 until 10:00 p.m.

Vetta Goldstein is coming from her home in Los Angeles to attend festivities for the gallery. Her sister Harriet passed away over two years ago.

"We will have a collections' exhibition in the gallery for the dedication," Esteros said. "It will include examples of all kinds of costumes, fabrics and a few artifacts."

Gallery is historical and educational

The Goldstein Gallery not only serves an historic function for the St. Paul campus, but an educational one as well. Student work has been on display in the gallery since late summer and a number of graduate theses will be booked there throughout the academic year.

"This is a design gallery and serves the total college as a design service," Esteros said. "We will book showings of items representative of general design, crafts, interiors and housing programs, as well as those of costumes, and hope to change every three weeks, and certainly every month."

"There is a lot of work involved in mounting and preparing an exhibition," she said. "We hope to have a full-time curator for the gallery in a year or two. Right now we are scratching along with the help of teaching assistants."

Fashion Group boosts gallery in October 23 Cashin Style Show

The Minneapolis-St. Paul chapter of the Fashion Group, an international organization of members of the fashion community, has been instrumental in helping the gallery with staff and collections. Its members, many of them Minnesota alumni, have contributed

money for a student assistant who will work with the costumes in the collection.

The Fashion Group has also contributed items of clothing to the collection and is planning an exciting Style Show for October 23 to present its part of the collection.

Internationally-famous designer Bonnie Cashin will be on the campus for the show and to present a retrospective of some of the fashions she designed in the past 25 years, as well as many of her current styles.

She has also designed her first scarf just for this Style Show. A limited edition of the all-silk creation will be on sale for \$25.00 during the show.

The Cashin Style Show is part of a total evening's entertainment planned for Saturday, the 23rd. The evening will open with the Style Show at 7:00 p.m., followed by refreshments and a special gourmet dinner and dining in the St. Paul Student Center.

Tickets for the event, at \$25 per person, are available from Polly Grindere or Barbara Nemecek, Department of Textiles & Clothing, University of Minnesota, 323 McNeal Hall, St. Paul, MN 55108. Approximately 200 student tickets for the Style Show only are available at \$5.00 per person.

The local Fashion Group has worked for a number of years to make the Goldstein Gallery a reality. Its members have been collecting fashions of the past 40 years for the gallery, and plan to keep the collection up-to-date by donating examples of current fashions.

Tickets are also available from any Twin Cities Fashion Group member. Call Margo Siegel or Gloria Hogan at SHE in Minneapolis, 335-2197, for ticket reservations or further information on the Style Show.

Alumnae Siegel and Hogan are co-chairwomen for the Style Show. Siegel is also a permanent consultant to the Design department for the Fashion Group's part of the costume collection.

"Samplers" offer inexpensive introduction to University

Nutrition, propagation, persuasion and composition are some of the subjects to be covered in \$1 University of Minnesota "Sampler" lectures this fall.

Twelve Samplers are being presented between September 27 and December 8 on the Minneapolis campus, all less than two hours long.

These lectures cover a variety of subjects, but do not take the time nor money involved in regular course work. Each lecture, however, is part of an actual course.

Advance registration is required and persons 62 years of age and older may register free of charge. More information may be obtained from the Sampler office, at 373-3039.

Sampler lectures, their dates and times, remaining this fall, include:

Chicanos in the United States: A Brief History, October 6 at 7 p.m.;

Pioneer Life at Fort Snelling and the Minnesota River Towns, October 11 at 7:00 p.m.;

How to Talk Back to (and Through) the Mass Media, October 13 at 7:30 p.m.;

Why Can't an Astronomer Rely on His or Her Own Eyes?, October 19 at 6:20 p.m.;

Propagating Plants in the Home, October 28 at 6:15 p.m. (additional \$1 for materials);

Nutrition, Obesity and Your Heart, October 25, 7:30 p.m.;

Why People Buy: The Hidden Persuaders in Advertising, November 3, 7:30 p.m.;

What Price Truth? The Guthrie Theatre's Production of "An Enemy of the People", November 10 at 7:30 p.m.;

Appollonius of Tyana: An Almost Christ, November 18 at 6:30 p.m.;

Zen and the Art of Motorcycle Maintenance Revisited, November 30 at 7:15 p.m.;

The Composer's Process, December 8 at 7:30 p.m.

Former radiology head honored

Dr. Harold O. Peterson, University professor of radiology and chairman of the department from 1957 to 1969, was honored during the annual Radiology Conference sponsored this fall by the University Medical School, Twin Cities. Peterson will be retiring from the faculty at the end of this school year.

Conference faculty were selected from those whose careers were strongly influenced by their past association with students, resident physicians or faculty with the school.

A very special program for Alumni Club members & guests . . .

THURSDAY, NOVEMBER 4 ELECTION AFTERMATH: IMPACT ON U.S. FOREIGN POLICY

Dr. William C. Rogers, director of the University of Minnesota World Affairs Center, will moderate an open discussion by astute political observers and practitioners of the implications for U.S. foreign policy of the Presidential election.

The program, for which there is no charge, will take place in the Maroon and Gold rooms of the Minnesota Alumni Club in downtown Minneapolis. A no host bar at 7:30 p.m., will precede the 8:00 p.m. discussions.

Space for this interesting and informative program is limited. Make your reservations early by calling 376-3667.

The event is co-sponsored by the Minnesota Alumni Association and the World Affairs Center.

New Regents' Professor is world traveler

Eighteen years ago he was sending columns to a Twin Cities newspaper describing education in the Soviet Union. Twenty years ago he was in Amsterdam under a State Department Fulbright award studying European educational systems. Last summer he was in China. In between he studied and lectured in such diverse places as Israel and Lake Crystal, Minnesota.

Robert Beck, University professor of History and Philosophy of Education and a specialist in Comparative Education, became Minnesota's 29th Regents' Professor in September. The designation, by recommendation of the University president and action of the Board of Regents, is the highest honor the University can confer on a faculty member.

"I was very surprised," Beck said. "I was very pleased, but it's a real jolt to find yourself in this class."

Other recipients of the high honor since its creation in 1965 have included economist Walter Heller, poet John Berryman and cancer researcher Robert Good.

Regents' Professors are awarded silver medallions to be worn with academic garb and \$5,000 grants annually for the balance of their tenure at the University. Upon retirement, they assume the title of Regents' Professor Emeritus.

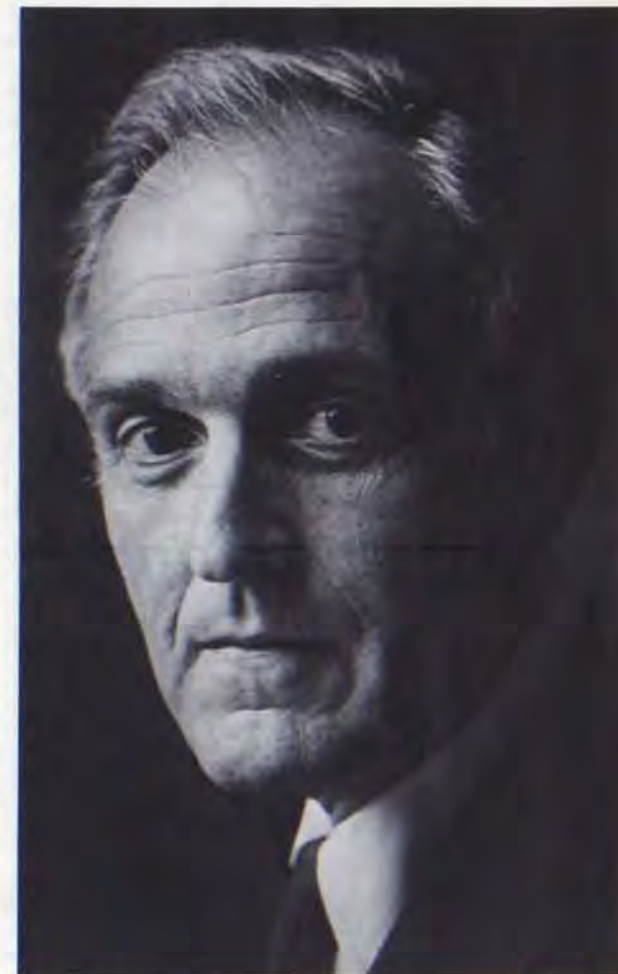
In Beck's case, the award money will be applied to his extensive travel. But the financial aspect of being a Regents' Professor is not as significant to him as are the honorary and educational elements. "This is really part of the University's mission," he said, "to support and encourage further scholarship."

Beck insists that his efforts at scholarship "are not very impressive," including only five books and a few-score essays and articles published in periodicals ranging from *Better Homes & Gardens* to *I Problemi Dellar Pedagogia*. He served as president of the Philosophy of Education Society and of the Society of Professors of Education and in various editorial posts on professional journals.

Those who enjoy some of the greatest benefits of this body of research and writing are Beck's students at the University.

"Scholarship and teaching are not separate activities, as far as I'm concerned — one keeps the other alive," he says, and his teaching is more authentic and lively as a result.

Beck's travels began 58 years ago in New York City, whence he went to Harvard Col-



Robert Beck

lege for a BA and to Yale for a PhD. In 1943, the year after he received his doctorate, he began a four-year European visit with the Army.

In 1946 he joined the faculty at the University of Kansas City, and the next year became an assistant professor at the University of Minnesota.

He has held the rank of professor of History and Philosophy of Education since 1959, the year after his pioneering visit to the Soviet Union.

But for the time being, Beck is traveling via the University library, studying ancient methods of education.

"I'm attacking Plato," he explained. — Bill Richardson, UNS writer.

Theatre season set

Two musicals, classic plays by Euripides, Shakespeare and Ibsen, a contemporary drama and a children's play are included in the 1976-77 University of Minnesota Theatre season.

This season opens on October 29 with "Jacques Brel is Alive and Well and Living in Paris," directed by Kenneth L. Graham, director of University Theatre. The musical review was written by Eric Blau and Mort Schuman with music by Brel.

Other scheduled productions include Euripides' "Medea," November 11-21; Shakespeare's "Romeo and Juliet,"

November 19-December 5; "Happy End," a musical by Bertolt Brecht and Kurt Weill, January 28-February 13; "The Prime of Miss Jean Brodie," adapted by Jay Allen from Muriel Spark's novel, February 18-March 6; "Johnny Moonbeam and the Silver Arrow," a children's play by Joseph Golden, February 26; and Henrik Ibsen's drama, "Hedda Gabler," April 15-May 1.

Season coupon books have been on sale since September 15 at Rarig Center. Admission to each play is \$3.50 for the general public and \$2.50 for students and senior citizens. There is a savings of \$10 with the purchase of a coupon book.

Fraternities and sororities would become an important part of campus life at the University after the 1920's. And many would become critical of their activities and so-called snobbery.

However, James Grey wrote that "an overwhelming majority of observers, inside and outside of the university, reached the conclusion that at no time had Greek-letter-itis seriously threatened Minnesota's health or mental balance. Within the inner circle of the fraternity, social values were very little different from those that prevailed outside.

"Indeed, the fraternity presented a kind of microcosm of the university as a whole."

What such organizations have come to mean to University students, be they for men or women, is reflected in the following article.

Clovia Still teaches Group-Living with Zest

CLOVIA teaches a way of life, according to its alumnae. Clovia is an organization of undergraduate women who live in a house located at 1502 Raymond Avenue in St. Paul, near the University of Minnesota campus. They share household duties, living cooperatively, a manner of living that makes the group different from other national sororities.

Clovia is a national organization despite the fact that it consists of only two chapters; the other, Alpha chapter, is located at Kansas State University in Manhattan. A group at Mankato State University (Minn.), established Delta chapter in 1967 but disbanded several years ago; however, there now exists a possibility of reactivation.

Beta chapter at Minnesota was organized in 1937 after AUDREY FOX and EVELYN GRAHAM visited the Clovia House in Manhattan. They and others interested in the formation of a group in St. Paul were summertime 4-H Club agents who wanted to share their ideals and resources.

In 1938 they established Sigma Phi Eta with advisors from the 4-H Club State staff. All were former members of 4-H Clubs, which would remain a pre-

requisite for Clovia membership for some years to come.

A Name Change, Then a House

The next year the organization's name was changed to Clovia, which signifies the clover, a 4-H Club emblem.

In 1940 a loan of \$2,500 from the Farm Bureau permitted Clovia to purchase a house for \$8,000. The late MILDRED SCHENCK HARRINGTON became an "angel" when she loaned the girls \$50 for furnishings. She would give further assistance later.

DURING the war years, Clovia girls knitted afghan squares, rolled bandages and donated blood. Once the war ended their activities became the normal sorority participation in queen nominations, coffee hours for faculty and special visitors, and social affairs. In 1950 they supported a displaced person, Nora Tamberg, by cooking for the Graduate Club on campus.

Their house was remodeled during 1956-57 to be ready for Clovia's silver anniversary in 1961.

He Was Their Man about the House

Talking with alumnae, the name of LEONARD L. HARKNESS '41BS was often mentioned. He was their major remodeling advisor and assistant. And now he is more.

"I remember helping the girls lay sod on the hottest day in summer. There was peat in that sod and we were covered by sweat and dust by the time we finished the job. I haven't done much like that in recent years," Harkness said.

"No, I don't mind if they call me Clovia's Granddaddy. I suppose I am their man about the house.

"Mrs. Harkness and I always entertain them at a party at our home each May and we go to their winter formal.

"I have seen the girls grow and develop in human relationships," Harkness continued. "They have become leaders through their training. They are more open in their relationships, more poised.

"Their relationships with other students on the campus and with the community grow. They show concern and love for one another.

"There is security in their pattern of living. They counsel with each other. It is a warm relationship within the house and with me."

Harkness is program director of 4-H and Youth Development for the University's Agriculture Extension Services.

JANE THOMPSON of Kensington, Minn., is currently Clovia president. She is a University of Minnesota junior. Her successor, recently elected, is JEAN WIEGREFE of Caledonia.

Although the Clovia membership of 25 includes some girls who are inactive, there are 13 living in the house.

"They are girls who carry so many hours of class work or work too many hours to participate in our schedules," Thompson answered. "They may also be registered for too few credits because of their heavy work schedule. Members must register for at least 12 credits and have a GPA of 2.0 to be initiated."

I understand that the girls in the house prepare meals and do the housework. How do

you manage that?

"Every quarter we elect a house manager. She receives half of her board and room rent as compensation. She plans weekly menus and does all the purchasing.

"Two girls work as cooks one day a week. They prepare the meal, serve it and clean up. House duty is assigned by lot — a drawing from a hat once a week.

"Our board bill is based on cost. We pay house rent to the alumnae who own the house and are also responsible for local and national dues."

Do you have time for any kind of social service work?

"We require it," Thompson said. "We sing carols at a home for the aged at Christmas time and this year we had a Valentine party for retarded children living in a home."

What do you feel that membership in Clovia has given to you?

"It is a way to meet people. We have a widening circle of friends. We do go out into the community to help people and to work with them. I guess that Clovia is a social service sorority in a way," Thompson said.

CLOVIA is not presently a member of College Panhellenic, although it has been in the past.

The sorority, despite its limited chapter roll, has an organizational pattern similar to larger groups. Associate professor SUSANNE FISHER, a 4-H extension specialist in 4-H and Youth Development, is serving a two-year term as national Clovia president.

All of its meetings, both local and national, serve as a social exchange of ideas and friendship.

The program for Clovia's 1976 convention focused on women, with a Bicentennial theme, and changes in the 4-H Club programs were discussed.

Last year when the 31st annual convention was in Minneapolis, the program centered on "A Challenge for Today's Women in Business" and "In Higher Education."

In announcing the convention, Fisher said, "The national meeting is planned to add another unique dimension to our growth through social, cultural and educational activities."

NOW that Clovia no longer requires 4-H membership as a prerequisite for its own members, the backgrounds and the study majors of its members are changing. Fisher believes that when the qualifications were amended about 10 years ago, the rationale was that the purposes and historical heritage of 4-H were concerned with growth and development and that broadening the qualifications widened the opportunity for those ideals to be accomplished.

Asked what Clovia membership meant to her, Fisher replied, "Continuous relationships with very special people, Minnesota women, who belong to a friendship group. It provides an opportunity to continue to support women students. It gives one a chance to work with people on the campus as well as in careers."

Their Alumnae organization is Strong

Beta chapter alumnae can belong to two organization: those residing in or outside of the Twin Cities belong to a national alumnae chapter; those residing in the Twin Cities area belong to a local alumnae chapter.

Clovia's Founders' Day in October brings many Minnesotans together. A tally last year indicated that there were students in forestry, textiles, consumer studies, business and dietetics.

EVELYN HARNE, recently retired from the staff of Extension Service, is chairman of the Twin Cities Alumnae chapter. Initiated in 1943, she has been a chapter adviser. Her contact with undergraduates has continued as they have applied for jobs at the State Fair and for summer 4-H work.

"Members of Clovia have the background for short-term summer work," Harne said. "They have learned cooperation through Clovia's work schedules, cooking and serving for the group, keeping the house clean for each other. All of them have their evening meals together, so they establish a sense of unity. They have a concern for each other."

Did membership in Clovia give anything special to you?

"Yes, a wide circle of friends and that friendship has continued since college days. These are interesting individuals. I've had contacts related to the profession of home economics. I know that I have a grater range of acquaintances through membership since many of the members are from small towns and rural communities. As I've worked in the state, I've found friends in these places. And I've met them in foreign countries."

VERNA MIKEST, a former Extension nutritionist at the University, who became a member in 1939, was named 1974 Business Woman of the Year by the St. Paul Business and Professional Women. The basis for the award is service: service to the association and to the community. A Clovia alumnae treasurer, her concern has been for the aging; she serves on the Community Dining committee, checking menus for meals and service to the older



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people in the community center.

She has demonstrated the preparation of food for the single person at the State Fair, working as a volunteer with the Home Economic Association, and, recently, she demonstrated pioneer cooking for children in Edina's Open School.

Mikesh believes that the early members of Clovia had a dedication to their living conditions that made them form very close relationships.

JANICE TEMPLIN '58BS, alumnae president of Clovia's executive board, is vocational program supervisor for secondary education for the Minnesota State Board of Education. Templin believes that there are career benefits in Clovia membership. In the varied roles in home economics Clovia members are exposed to, the girls have a chance to know those leadership positions. They have a sense of belonging, of self-worth. They can try out ideas in a non-threatening way. They are oriented in service roles and in consumer-type relationships.

VANDORA PIERSON LINCK '57BS, who is the wife of the University's associate vice president for academic affairs, Al Linck, was house manager when she lived in the chapter house. She felt that her courses in quantity cooking were considerably easier when she planned and purchased food for 250 to 300 people, and she found living in the home management house an easy task.

Mrs. Linck lived in the dormitory before she moved into Clovia's house so she knew the difference in relationships that could exist in different living situations. At Clovia there was a camaraderie which still exists.

A round robin letter keeps alumnae in touch with each other no matter where they are in the world — and many are out of this country as wives of men in foreign service or as career women. Some of these women have been in nursing, pharmacy, veterinary medicine, agronomy, business, education or are from the liberal arts.

Besides Verna Mikesh's honor, Mrs. Linck recalled that WILMA SIM of 4-H and Youth Development was given a University of Minnesota Outstanding Achievement Award. The 1943 Home Economics graduate and sales manager of mail order advertising for *The Farm Journal*, Philadelphia, Penn., received the award in early 1974.

EACH Clovia member spoke about their biennial bazaar. It is the primary fund-raising activity of the alumnae and the University chapter. And it is no small endeavor.

To be held on November 5-6 in the ballroom of the Student Center on the St. Paul campus, booths will feature materials like dried flowers, weeds and cones for home decorations, foods, games and toys, clothing, gift items from foreign countries and the quilt that the collegiate members will make.

The foreign gift items are sent by members living abroad. Some are contributed; others are purchased.

Heritage Crafts, a book on handcrafts, published by Clovia two years ago, will also be on sale at the bazaar. About 900 copies of a 5,000 edition are available, according to JEAN RADDATZ ENGLEMAN (Mrs. William), 5240-16th Avenue South, Minneapolis 55417. The book costs \$3.00.

Heritage Crafts includes ideas which make the home more attractive, homemade gifts, children's toys, special crafts for special days, recipes for good

food and household needs like soap, window cleaner and furniture polish.

The book came about as alumnae talked about life before contemporary mechanization. They asked their mothers and grandmothers about customs and "how it was done in those days." The resulting book is practical, even though you may not be making soap very often. For stain removal, however, there is nothing better.

Clovia's 1974 bazaar netted \$6,000 to be used for maintenance of the chapter house. It took the effort of approximately 500 alumnae here and abroad and the collegiate members to make it successful! — Wilma Smith Leland

Many UMD students live outside region

More than 40 percent of the students enrolled at the University of Minnesota, Duluth (UMD), come from outside the nine-county region of northeastern Minnesota, according to a recent study.

The study shows that the number of students from outside of the region is five times higher than it was 10 years ago, with most of them coming from the Twin Cities area.

In 1965, only 570 or 13 percent of UMD's student body came from outside the seven-county region. In 1971, that figure grew to 1,512 students or 28.9 percent of the total. The study shows 2,697 or 43 percent of UMD's fall, 1975 enrollment of 6,210 students come from outside the region.

"The study makes it clear that UMD is no longer a regional campus, though it continues to give primary service to northeastern Minnesota," retiring Provost Raymond W. Darland said.

"The figures show that more and more students from the Twin Cities and Rochester areas and Wisconsin are coming to UMD."

UMD vice provost for student affairs Thomas B. Thielen said, "The study explains why we have had a housing crunch at UMD and why we are seeking additional spaces for new students." His office recently announced that it would have an additional 94 spaces ready for next fall through remodeling of Torrance Hall on the lower campus.

These spaces will be in addition to the 1,600 units on campus and up to 200 spaces at local hotels.



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New University Press book takes a perceptive look at the Twin Cities

In a book that was published this September by the University of Minnesota Press, alumna and author Jean Adams Ervin poses the question whether the Twin Cities are nothing but a wasteland or the prettiest places in the world.

The book, *The Twin Cities Perceived: A Study in Words and Drawings*, contains drawings by four area artists, Gemma Rossini Cullen, Robert K. Halladay, Heidi Schwabacher and Robert N. Taylor, and a substantial text by Ervin. In its drawings and words, the book takes the reader on an informative tour of Minneapolis and St. Paul, pointing out the interesting, sometimes exciting and sometimes depressing, aspects of this continually varied urban-pastoral complex. Throughout, *The Twin Cities Perceived* presents a mixture of the old and the new and of varying architectural styles and topographic features.

As Ervin points out, the chauvinist who thinks the Twin Cities are the prettiest places in the world will be jolted by some things in the book. On the other hand, those who have seen nothing but a wasteland in these cities may be inspired to take a new look and to discover many places of beauty or visual interest.

The subjects of the book were chosen by the author, but each artist has provided a highly individual interpretation in his or her drawings.

Many interesting ethnic features found in the Twin Cities, such as neighborhoods, churches and particular styles of architecture, are discussed and portrayed. References are made throughout to historic sites and districts, including a number of buildings which are on one or more historic registers providing for possible preservation.

In her preface Ervin writes: "The long-time resident of the Twin Cities may consider a book on the visual characteristics on St. Paul and Minneapolis a superfluity, but the familiar object is often the one least clearly seen. For the reader whose sight is filmed over by familiarity, our aim has been to throw a fresh light upon Minneapolis and St. Paul, and for the newcomer or prospective visitor, to give an overview that presents something of the variety to be encountered."

"With the proliferation of photographic books, it might be asked why it was decided to use drawings for illustrations. The point is that an artist can often extract the essence of a scene or a building in a drawing in a way that photography can not."

An exhibit of 25 drawings from the book has been and will again be shown this fall in the Twin Cities. The exhibit will be on view in the lobby of the First National Bank in downtown St. Paul from October 18-29.

Ervin, a writer and teacher, has also co-authored another book about the Twin Cities, *The Twin Cities Explored*. A native of Massachusetts, she is a graduate of Smith College and received her doctor's degree from the University of Minnesota. She lives in southeast Minneapolis.



Among the artists, Cullen, Minneapolis, has done graduate work at the University; Schwabacher, Minneapolis, who once taught art at the University, has an advanced degree from Minnesota; and Taylor, White Bear Lake, is the design and production manager of the University of Minnesota Press. Halladay, Minneapolis, works for the Dayton Company as creative director of their sales promotion division.

The Twin Cities Perceived is available through the Minnesota Alumni Association at a special discount price to members. Its regular price is \$9.95.

Mail to:
Minnesota Alumni Association Books
2610 University Ave.
St. Paul, MN 55114

I would like _____ copies of THE TWIN CITIES PERCEIVED available to Alumni Association members @ \$6.50 per copy, plus tax if applicable and 45¢ postage and handling charge per book.

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Minnesota residents, did you add 4% sales tax to the book costs!

New director named for Unions-Activities

Not all the time spent by the 47,300 University of Minnesota students on the Twin Cities campus is spent in classrooms or libraries. Some of their time is also spent in the student unions and in the activities of various student organizations.

The Board of Regents recently approved the appointment of Carl Nelson to oversee the student activities program and student union operation on the Twin Cities campus.

"The unions and student organizations contribute to a student's overall growth while at the University," said Nelson, who has been director of the University's West Bank Union since 1967.

Student unions and organizations are also important for interaction between staff, faculty and students, Nelson said.

Last year, operating costs for the St. Paul Student Union, Coffman Union and the West Bank Union totaled \$1.6 million and work was completed on a \$7 million remodeling project at Coffman.

Each of the unions has its own activities, such as the St. Paul Union's outing center, the extensive programming at Coffman and the forum and lecture series on the West Bank.

"We have found that students from the different campuses (St. Paul, Minneapolis and West Bank) do use the other unions, especially if they are in the area to attend a class," Nelson said.

Nelson joined the University staff in 1965. He earned his bachelor's degree in speech at the University of South Dakota and his master's degree in international affairs at George Washington University.

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WALTER LUNDBERG, right, was congratulated by University president C. Peter Magrath on his receipt of the University's Outstanding Achievement Award at the Board of Regents' meeting in Austin this fall.

University honors former Hormel Institute director

Walter O. Lundberg, a professor of Biochemistry and director of the Hormel Institute from 1941 until his retirement in 1974, received an Outstanding Achievement Award from the University on September 9 at a Board of Regents meeting in Austin, Minnesota.

The award, presented by University president C. Peter Magrath at an evening dinner, recognized Lundberg's excellence as a scientist, researcher and author.

Under his leadership the Hormel Institute grew from a staff of two to a staff of 115 and acquired a world-wide reputation as an outstanding lipid research center. In 1947 Lundberg set up a lipid preparation laboratory at the Institute to prepare and supply highly purified lipids to researchers throughout the world. The Institute was the only source of these materials, which are needed by lipid scientists as reliable reference standards for their studies.

Lundberg has published more than 160 scientific papers on such diverse topics as deterioration and preservation of foods, the permeability of the cornea in relation to the development of contact lenses and the role of lipids in cardiovascular disease.

He demonstrated the powerful antioxidant property of nordihydroguaiaretic acid, used to prevent rancid deterioration of foods. It was

the first effective antioxidant approved for use in edible products by the U.S. Food and Drug Administration and Department of Agriculture.

Born in Minneapolis, Lundberg attended the University of Minnesota for two years and completed his studies on a fellowship at Johns Hopkins University. He earned his doctorate degree there in 1934 without first having received a bachelor's or master's degree.

A member of many professional and scientific organizations, he is the past president of the Minnesota Academy of Science and the American Oil Chemists' Society. He received the Distinguished Service Award in Scientific Research from the Minnesota Academy of Science in 1974 and in 1975 received the Lipid Chemistry Award of the American Oil Chemists' Society.

Lundberg was selected as Outstanding Senior Citizen of Austin in 1962.

Michigan alumni to meet for Gopher-Wolverine clash on October 30

Minnesota alumni and friends are invited to attend a Pre-Game Brunch on Saturday, October 30, at the University Club of Ann Arbor, Michigan, before the Gopher-Wolverine game. A buffet will be served from 10:30 a.m. until 12 noon.

Ed Haislet, retired executive director of the Minnesota Alumni Association, will be present to talk about the Golden Gophers.

Reservations, at \$7.50 per person, include bus transportation to and from the stadium for the game. Contact the Minnesota Alumni Association at 2610 University Avenue, St. Paul, MN 55114, to make your reservations.

23rd College of Business Institute planned for October 27

The College of Business Administration and the Business Alumni Association will hold their 23rd Annual Institute on Wednesday, October 27, at the St. Paul Radisson Hotel.

The seminar sessions, which will begin at 3:30 p.m., feature "Government in Business" by Professor Blaine Cook, "Successful Implementation of Management Science Systems" by Professor Tom Hoffman and "Industrial Relations" by Professor Mike Bognanno.

A 5:30 p.m. social hour will precede the 6:30 p.m. dinner meeting at which Norbert R. Berg '57MA, St. Paul, senior vice president of administration and personnel for Control Data Corporation, will receive the University's Outstanding Achievement Award.

Berg, who is also assistant to the chief executive officer, has been with Control Data since 1959. He was previously employed by Esso Research and Engineering Company in Linden, N.J.

He is active in the community as president of the Industrial Relations Advisory Council of the University of Minnesota; president of the board of directors of Sogang College in Seoul,



Norbert Berg

Korea; as a member of the board of St. Paul's Urban Coalition and the Fathers' Club of St. Thomas Academy; as chairman of the board of St. Mary's Extended Care Center; and as a regent of St. John's University of Collegeville, Minnesota.

Reservations for the 23rd Institute are available at \$15.00 per person from the College of Business Administration Alumni Association, University of Minnesota, 2610 University Avenue, St. Paul, MN 55114, telephone (612) 373-2466.

Patron Tables of eight are available at \$200 per table.

Portland and Washington alumni meet this fall

Members of the Portland (Oregon) chapter of the Minnesota Alumni Association met on September 30 at the Thunderbird Motor Inn for a special Minnesota Alumni Dinner.

Attending the meeting from the University were Bob Odegard, director of the Development Office; Eivind Hoff, director of the Medical Foundation; and Vince Bilotta, the new director of the Minnesota Alumni Association.

The national prize-winning University film, "Reaching Out," was also shown to the gathering.

University president C. Peter Magrath and his wife Sandra attended a Minnesota Alumni Victory Dinner on October 1 in Seattle, Washington. Odegard, Hoff and Bilotta joined the Magraths in greeting the alumni and friends of the University who came to the evening meeting at the Washington Athletic Club.



Erick Schonstedt

Schonstedt heads Washington D.C. alumni

Erick O. Schonstedt '41BBA '41BME, the president and founder of the Schonstedt Instrument Company in Reston, Virginia, has been elected president of the Minnesota Alumni Association's Washington, D.C. chapter.

Before establishing his own business, he worked as a mechanical engineer for the Naval Ordnance Laboratory from 1941-53.

Serving with him as chapter officers are vice president James M. Ramstad, secretary B. Iona Raguette and treasurer George A. Herman-

constituent and club news

son. Jane C. Shaffer is immediate past president of the group. Members of the board of directors include Robert L. Koob, Leland J. Casey, Wilbur W. Trombley, Eugene H. Johnson, Mary Fruen and Don Schmoltd.

Vet Med alumni will meet October 9

The Veterinary Medicine Alumni Association will hold its Second Annual Business Seminar Luncheon & Football game program on Saturday, October 9.

The event will include a 9:00 a.m. registration in the Phase I Building on the St. Paul campus, a 9:30 a.m. program with D. Bruce MacCallum, JD, CLU, president of Investment Research Corporation, discussing "Planning Business Finances," an 11:45 a.m. barbecued beef luncheon, and buses to and from Memorial Stadium for the Gopher's Homecoming game with Illinois.

Reservations at \$5.00 per person are available for the morning program and luncheon, \$4.00 per person for the luncheon only, and \$8.00 per person for the game, which includes bus transportation.

Contact the Veterinary Medicine Alumni Association, 2610 University Avenue, St. Paul, MN 55114, telephone (612) 373-2466, to make your reservations.

Pharmacy alumni hold Alumni Homecoming

The College of Pharmacy Alumni Association has planned a special Alumni Homecoming for the weekend of October 9-10.

On Saturday afternoon, alumni will attend the Gopher's Homecoming game with the Fighting Illini, and, later in the day, a Dinner-Dance at Coffman Memorial Union on the Minneapolis Campus. The evening's festivities will open with wine and cheese at 6:00 p.m. in the Campus Club, followed by a buffet dinner for which the Club is famous. There will be dancing to live music following dinner.

On Sunday, October 10, a continuing education seminar on "The Pharmacist's Professional Liability" will be held on the University campus in Unit A of the Health Sciences Center. The program will open with registration at 8:30 a.m., followed by a welcome to participants by College of Pharmacy Dean Lawrence C. Weaver. John Neveaux will moderate the morning sessions presented by Sidney H. Wil-

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New constituent presidents elected

Bergstedt heads education

Thomas R. Bergstedt '52BS '64MA, administrative assistant to the superintendent at Anoka-Hennepin Independent School District #11, has been elected president of the College of Education Alumni Association.

A former teacher and principal, he has held his current position for the past ten years.



Tom Bergstedt

Bergstedt graduated from Minneapolis Washburn High School and lettered in basketball and baseball while an undergraduate at Minnesota.

He served as president of the Association's International Falls (Minnesota) chapter while he taught in that community.

Mona elected Journalism president

Dave Mona '65BA, director of corporate public relations for International Multifoods, Minneapolis, is the new president of the School of Journalism Alumni Association.



Dave Mona

He joined the public relations staff of International Multifoods in 1970. Previously he was a general assignment reporter for the *Minneapolis Tribune* and on the public relations staff of Lutheran Brotherhood.

A former director of the Minnesota Press Club, he is currently chairman of the Sports and Attractions committee of the Greater Minneapolis Chamber of Commerce and a member of the Minnesota chapter of the Public Relations Society of America.

A media columnist for *MPLS.* magazine, he has had stories published in *The Sporting News*, *Pro Sports Weekly*, *Twin Citian*, *Quarterback*, *Baseball Digest* and *Corporate Report*.

Dale leads IT alumni

Everett H. Dale '49BEE, corporate director of quality assurance for the Fingerhut Corporation, Minnetonka, Minnesota, was recently elected president of the Institute of Technology Alumni Association.

A fellow in the American Society for Quality Control, he is also chairman of Fingerhut's Product Safety Council.

Dale is active professionally as chairman of the American Apparel Manufacturer's Association's Quality Assurance committee, as well as that group's Product Liability Prevention



Ev Dale

committee, as a member of the board of the Engineers Club of Minneapolis, as a member of the American Society for Testing Materials committee on flammability and as a member of the American Society for Textile Colorists and Chemists.

Ryan is Ag, For & Home Ec head

Marion Ryan '46BS, St. Paul, director of National Account Development in The Pillsbury Company's Food Service division, is the president of the Colleges of Agriculture, Forestry & Home Economics Alumni Association.



Marion Ryan

She has previously worked as manager of the Augsburg College Food Service, as an adult education teacher for the St. Paul schools, as a regional home economist with the American Lamb Council and as a consultant home economist for Delmark Foods.

Ryan is a member of the American Home Economics Association, Home Economists in Business, the Minnesota Nutrition Council, the Twin City Dietetic Association, the International Food Editorial Council, Phi Upsilon Omicron, Gamma Omicron Beta and the Minnesota School Food Service Association.

Medical alumni to host two-day meetings in October

The Medical Alumni Association will host two days of alumni meetings on October 8 and 9. Headquarters for the Friday meetings is the Radisson South Hotel in Bloomington, Minnesota.

The October 8 events open with a 12 noon Alumni Luncheon at the hotel, featuring University professor Franz Halberg speaking on chronobiology. At 2:00 p.m. a Scientific Seminar will be presented by the Class of 1951, with Drs. Richard Lillehei and Byron Roberts as co-chairmen.

A 6:30 p.m. Social Hour in the Radisson's Garden Court will precede the 8:00 p.m. Annual Alumni Banquet at which Dr. Milton M. Hurwitz '40MD, Leonard A. Lang '29MD and Russell O. Sather '33MD will receive Harold S. Diehl Awards. University president C. Peter Magrath will also speak to the banquet gathering.

IT's Annual Science & Technology Day slated for November 5



William Bailey

The Institute of Technology Alumni Association will hold its Annual Science and Technology Day on Friday, November 5.

The Seminar program, for which there is no charge, will take place from 1:30 to 4:30 p.m. in the Coffman Memorial Union Theater on the University's Minneapolis campus. Theme of the program is "Minnesota's Role in the Microelectronics Revolution."

A special panel, moderated by Ray Warner of the University's department of Electrical Engineering, will discuss the economic development opportunities opening in Minnesota because of the revolution taking place in electronic technology and the forthcoming use of computers in the home, the widespread use of electronics in the automobile and the approaching electronic paperless office.

Panelists include George Champine of Sperry Univac speaking on "Microelectronics: A Tutorial Overview;" Robert Henle, IBM Corporation, "Digital Microelectronics Technology: History and Projection;" James Moore, research director for the Minnesota Department of Economic Development, "Implications for the Minnesota Economy;" Gary Robinson and William Robbins of the University's department of Electrical Engineering, "The University's Microelectronics Program;" and Larry Kinney, Electrical Engineering, on "Microelectronics Applications in Minnesota Products: An Expanding Market."

Institute of Technology Dean Richard Swalin will be on hand to introduce the panel.

The evening banquet program, scheduled for the Radisson Hotel South in Bloomington,



Rudolph Pariser

Minnesota, will open at 6:00 p.m. with a social hour, followed by a 7:00 p.m. dinner meeting.

University president C. Peter Magrath will be the evening's featured speaking, and will address the group on "The University — Technological Progress and Industrial Survival." He will also present Outstanding Achievement Awards, to William J. Bailey '43SChem and Rudolph Pariser '50PhD.

Bailey is currently a research professor of chemistry at the University of Maryland and an industrial consultant with American Cyanamid Company, Goodyear Tire and Rubber Company, Phillips Fibers Corporation, BASF Wyandotte Corporation, Hydron Laboratories, King Industries and the Naval Surface Weapons Center. He was named Rensselaer Polytechnic Institute's Rauscher Memorial Lecturer this year and will receive the American Chemical Society Award in Polymer Chemistry sponsored by the Witco Chemical Company Foundation in 1977.

Pariser, who has been with E.I. du Pont de Nemours & Company since 1950, is currently director of pioneering research in their Elastomer Chemicals department. He also serves as du Pont's liaison officer to the California Institute of Technology and has held several committee chairmanships with the Delaware American Chemical Society.

Reservations for the banquet program are available at \$10.00 per person, or \$140 for patron tables of eight, from the Institute of Technology Alumni Association, 2610 University Avenue, St. Paul, MN 55114, telephone (612) 373-2466.



Dr. Milton Hurwitz '40MD



Dr. Leonard Lang '29MD



Dr. Russell Sather '33MD

Hurwitz, who worked for 30 years as an internist and cardiologist and who was Dr. Harold Diehl's personal physician, is associate editor of *Geriatrics* magazine. He is an active member of the American Heart Association and the American College of Cardiologists and a past president of the Minnesota Heart Association.

Lang, whose work as a physician and consultant in obstetrics and gynecology caused him to be named "Medical Man of the Year" by the Aesculapian Society of St. Thomas College, St. Paul, has served as chief of staff and of the department of obstetrics and gynecology at St. Mary's Hospital, Minneapolis, president of the Minnesota Obstetrical and Gynecological Society and chief of obstetrics and gynecology at Minneapolis General Hospital. He is a member of the boards of trustees of St. Thomas and St. Mary's Colleges.

Sather has served his home community as a physician for 40 years and has been an active leader in his local medical society as well. He led his city's school board in a successful building and renovating program, and is currently in his third eight-year term as a member of the Minnesota Board of Medical Examiners, serving a third term as president.

Saturday's alumni activities will center on

Turn to page 14

Medical meetings . . .

From page 13

the University campus. At 10:00 a.m. there will be a tour of the new facilities in the University's School of Health Sciences, followed by a Chuckwagon Lunch in the Owre-Millard-Jackson Hall Quadrangle from 11:00 a.m. until 1:00 p.m. Alumni are then invited to attend the Minnesota-Illinois Homecoming game in Memorial Stadium, with kickoff at 1:30 p.m.

Tickets for the October 8 Alumni Luncheon are available at \$5.00 per person; for the Alumni Banquet at \$16.00 per person; and for the October 9 Chuckwagon Luncheon at \$6.00 per person. Contact the Medical Alumni Association at 2610 University Avenue, St. Paul, MN 55114, to make your reservations.

Pharmacy, From page 12 . . .

lig on "What Consumer Protection Is All About" and "Current Good Pharmacy Dispensing Practices." A panel of three will react to his remarks before a 12:15 p.m. luncheon.

In the afternoon, beginning at 1:30 p.m., James Clinite will moderate presentations by Willig on "The Pharmacist's Liability and Culpability" and by Richard Thoreson on "Insurance Industry Perspectives." Another panel will react to these remarks.

Reservations are available for the Sunday Seminar at \$20 per person and for the Dinner/Dance at \$10 per person from the Program Assistant, Department of Conferences, Nolte Center for Continuing Education, University of Minnesota, Minneapolis, MN 55455.

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Nurses celebrate 30th

"You were the most incorrigible, cohesive, independent, smartest, hard-working class to ever go through Minneapolis General Hospital," Jean Tayler, head of the Minneapolis General Hospital School of Nursing, said when she spoke of the nursing class that graduated from University-General Hospitals in June 1946.

This September that group met for a three-day celebration of their Thirtieth Anniversary Reunion. There had been 35 girls in the class. Twenty-two came to the reunion, 18 of those sharing it with their husbands. Twelve who could not attend wrote the reunion committee; only one girl did not respond to reunion notices.

Classmates came from as far north as Canada, as far west as California and Texas, as far south as North Carolina, and as far east as Maryland. A 1946 graduate who recently received an Outstanding Achievement Award from the University, Elizabeth Jean Haglund, also came.

On Friday, September 10, the reunion festivities began with a welcoming party for out-of-town classmates at the Eulberg home in the Twin Cities.

Saturday morning, September 11, was filled with a tour of the new Hennepin County Medical Center, the replacement for the class's "Dear Old Minneapolis General Hospital," and lunch in the new facility's cafeteria.

That night a social hour at the Wendell Olson's preceded a special reunion dinner at the Minnesota Valley Country Club. The group was entertained by a re-reading of the class prophecy and announcements of the results of a recent survey of class members.

On Sunday, the Sweetsers hosted the reunionees for brunch.

The 1946 Reunion committee included Audrey Hermanson, Corrine Tomasko, Betty Thayer, June Wheeler, Betty Eulberg and Onie Olson. Doris Ingraham, Winnipeg, Manitoba, Canada, was named chairperson of the 35 year reunion.

Duvoisin wins Kerlan

Children's book author and illustrator Roger Duvoisin has been awarded the 1976 Kerlan Award from the University of Minnesota.

The author, who lives in Gladstone, N.J., received the 1948 Caldecott Award for his book, *White Snow, Bright Snow*. In 1966 he was runner-up for the same award for *Hide and Seek Fog*.

In 1946 he was runner-up for the Newberry Award for *Bimsa, The Dancing Bear*.

Fourteen of his books have been American Institute of Graphic Arts exhibits choices. Manuscripts for five and illustrations for another 74 titles are included in the Kerlan Collection, research center for children's books at the University. More than 200 editions of his books, including international translations, are catalogued in the collection.

The Kerlan Award was presented by University associate vice president A.J. Linck "in recognition of singular attainments in the creation of children's literature and in appreciation of generous donation of unique resources to the Kerlan Collection."

Master's in CJS established

The University of Minnesota Regents recently established a master's degree in Criminal Justice Studies (CJS).

WHEN THAT LIVELY SCHOOL OF NURSING CLASS of 1946 posed for their graduation picture 30 years ago, this is the way they looked. Pictured in the back row from the left, are J. Prekner, J. Douglas, A. Callahan, "Chic" Schwutz, R. Borge, E. Allen, C. Kuehn, J. Haglund, C. Pietz, B. Gammen, I. Meyer, J. Noxbey, V. Winger and J. Nelson; middle row, B. Hall, D. Darrington, R. Richards, R. Leininger, R. Brodsky, J. Cohen, L. Moen, E. Anderson, B. Oppel, Y. Olson; front row, V. Pook, E. Morrissey, A. Kirilwk, M. Sheppard, J. Holmquist, M. Berg, M. Schones, C. Meyroth, P. Hertig and B. Terry.



MEMBERS OF THE REUNION COMMITTEE for the Class of 1946 included, from the left, back row, Corrine Tomasko, Onie Olson, June Wheeler and Betty Eulberg; front row, Audrey Hermanson and Betty Thayer.

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Around & about the Minnesota Alumni

General College

37 Robert H. Davies '37, a nationally-known Toledo (Ohio) business executive who has headed two leading industrial companies, joined Ownes-Illinois, Inc.'s Consumer and Technical group in April. He is general manager of the company's Electro/Optical Display Business Operations. He previously served as chief executive officer of the Eltra Corporation and as principal executive officer of Sangamo Electric Company. He was a consulting engineer for the Lincoln Electric Company in Cleveland, a vice president of the Baker Raulang Company of Cleveland and a vice president of Clark Equipment of Buchanan, Mich., before moving to Toledo in 1958 as president of the then Electric Autolite Company.

72 David J. Jerdee '72ALA '75BA, St. Paul, has been commissioned a second lieutenant in the USAF. He is currently stationed at Mather AFB, Calif., taking navigator training.

James L. Johnston '72AA, Hopkins, Minn., recently joined the National Life Insurance Company's Minneapolis general agency. He was previously affiliated with Scott-Johnston Insurance Agency.

74 Mary L. Stoerker '74BA has received her master's degree in education from the University of Iowa.

College of Biological Sciences

66 Wynn M. Berven '66BAZool, St. Paul, has been awarded a master's degree in counseling by Ball State University, Muncie, Ind. He completed his work at the USAF base at Rhein-Main, Germany as part of a Ball State/USAF-sponsored graduate program.

68 Jane Idell Wenger '68Chem '70PhD, Elizabethtown, Pa., an assistant professor of physiology at the M.S. Hershey Medical Center, has been named 1975 Woman of the Year of the Elizabethtown College Alumni Association. Her citation said that she typifies "The young college graduate who combines home and career to the advantage of both." An expert in enzymology, she has uncovered and partially characterized a variety of enzymes that are of major importance to the cells from which they are isolated. At the Center she combines her research with graduate and medical education teaching. She is the mother of two.

71 Nongnui Tanphaichitr '71BS has received his PhD in biochemistry from the University of Iowa.

72 Stephen J. Risch '72BSZool, a doctoral candidate in zoology at the University of Michigan, Ann Arbor, recently received a Teaching Assistant Award for his teaching excellence with undergraduates from that institution. He has taught introductory laboratory courses as well as advanced courses in biological sciences.

Journalism

42 Roy H. Copperud '42BAJourn, Altadena, Calif., professor of journalism at the University of Southern California and news-editorial adviser to the *Daily Trojan*, the USC student newspaper, was

named 1975 Distinguished Newspaper Adviser by the National Council of College Publications Advisers. He has served as adviser to the *Daily Trojan* for the past 12 years and is presently head of the news-editorial sequence in USC's School of Journalism. In his work with students he has constantly emphasized the highest standards of journalism and has created an atmosphere where students can work and learn to become responsible journalists, the selection committee said. Under this advisership the *Daily Trojan* has received the All-American rating from the Associated Collegiate Press each year. In 1974 he was the recipient of the California Newspaper Publishers' Association's award to the outstanding journalism teacher of the year.

64 Gerald R. Taft '64BA, Minneapolis, has been promoted to the rank of major by the USAF. He serves as a missile instructor at Vandenberg AFB, Calif.

Liberal Arts

52 Dorothy Inez Andreas '52BA, Excelsior, Minn., a member of the board of trustees of Hamline University, St. Paul, received an honorary doctor of laws degree from Hamline at its 1975 spring commencement. She is currently a member of the Citizen's Council on Delinquency and Crime. She is a former member of the Governor's Conservation Commission, the Northwestern Hospital Auxiliary and the Minnesota Board of American Association of University Women.

75 Michael T. Fleischaker '75BA is working as a sales representative for Burroughs Wellcome Company out of Fargo, N.D.



Dam heads Texas A&I journalism department

Hari N. Dam '61MAJourn '68PhD has been promoted to the rank of professor and named chairman of the journalism department at Texas A&I-Kingsville. He came to Texas A&I in the fall of 1970 from Montana State University where he had taught for six years.

Dr. Dam is the author of the book, *The Intellectual Odyssey of Walter Lippmann: A Study of His Protean Thought*, published in 1973 by Gordon Press of New York.

DEATHS

'10-'19

Joseph H. Pengilly '11BEE, Los Angeles, Calif., on October 21, 1975.

H. Merwin Porter '11LLB, Minneapolis, on June 24, 1975.

Miss Stella R. Kesson '14BA, Rochester, Minn., in February, 1976.

Carleton Burrier '15JD, Minneapolis, on November 14, 1975.

Edmond W. (Shave) Green '15AMS, Hankinson, N.D., on December 15, 1975, at age 80.

Hazel Morrill Jones '16BA, formerly of Minneapolis, on September 14 at age 84 in La Jolla, Calif. The wife of Noble K. Jones, the founder of Jones Press, she was Minneapolis's first Welcome Wagon hostess and founder of the New Resident Service.

Dr. Harold L. Goss '17MD, Mercer Island, Wash., on March 15.

H. Lind '17BSAg, Winthrop, Minn., on July 8, 1974.

Dorothy Seymour Scott '17BA, Miami, Fla., on December 22, 1975.

Charles Edward (Ed) Wise, Jr. '17BSAg, Westminster, Md., on October 27, 1975, at age 81, from cancer. The Mankato, Minn., native was the retired executive secretary-treasurer of the Maryland Farm Bureau and founder and editor of the monthly *Maryland Farm News*. He taught agricultural economics at the University of Minnesota from 1920-23, then worked at the Veterans Training Center, Moose Lake, Minn., as an agricultural engineer for Portland Cement Association in Maryland and Pennsylvania, and taught agricultural engineering in the University of Maryland's College of Agriculture before joining the Farm Bureau as executive secretary-treasurer in 1934.

Howard E. Quinn '18BGE, El Paso, Texas, on February 3 at age 80. He had been associated with the College of Mines-Texas Western College (today the University of Texas at El Paso) for 40 years as a geology professor and chairman of the geology department. He taught briefly at the University of Illinois before joining the College of Mines in 1924.

'20-'29

August Dvorak '20BSEd, professor emeritus at the University of Washington in Seattle, on October 9, 1975, at age 81. He had retired in 1964 after teaching measurements and statistics in the university's College of Education. He invented the Dvorak simplified keyboard in 1932 which was years ahead of its time - it was incorporated into a new line of Smith-Corona typewriters for the first time in 1974.

H. W. Swenson '20BSAg, Chisago City, Minn., in February 1975.

Mrs. E. F. Duff '21BSNur, Hopkins, Minn., has been reported deceased.

James Everett Roberts '21BSPhm, Chicago, Ill., on January 21 at age 76. He was a registered pharmacist for Walgreen Company in Chicago for over 40 years.

Catherine Sweet Anderson '22BA, Santa Barbara, Calif., on November 29, 1975, at age 74. An active community leader, she was Heart Sunday chairwoman for Hope Ranch for 10 years; helped to organize the Gamma Beta chapter of Alpha Phi International at the University of California-Santa Barbara and received the International Fraternity Award through the Heart Association; was a board member of the South Coast Heart Association for six years; and helped to organize and remained active in St. Andrews Presbyterian Church.

Norris M. Johnson '22BSAg, St. Louis, Mo., in January 1976 at age 80. He was a Brookings, S.D., native.



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—Will Rogers

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North Central Home Office
Minneapolis, Minnesota
(Policy Form No. GEN AS5-301)

Statement of Health

The following information is submitted as evidence of my insurability.

Weight _____ Height _____

Have you ever been declined or rated for life insurance? (If yes, give details below) _____

Within the past five years, have you been confined for more than five days for any illness or injury or undergone any surgical operations? (If yes, give details below) _____

Are you in good health? _____

Comments: _____

A. Name _____

B. _____

Permanent Mailing Address: Street and Number _____

City _____ State _____ Zip _____

Coverage for residents of Florida, New Jersey, Ohio, Texas and West Virginia is not available at this time.

Date of Birth _____ Sex _____ Year Graduated from U of M _____

Beneficiary (Print Name as MARY DOE, not MRS JOHN DOE) _____ Relationship _____

Amount of Term Life Insurance: \$10,000

I hereby apply for group life insurance provided by the Minnesota Alumni Association Group Life Insurance Program underwritten by The Prudential Insurance Company of America. As a member in good standing, I understand that any and all dividends declared under the above group policy shall become the property of The Minnesota Alumni Association. I represent that each of the above answers is complete and true, and that they shall be the basis of the issuance by the Company of any group life insurance pursuant to this application.

AUTHORIZATION: I hereby authorize any licensed physician, medical practitioner, hospital, clinic or other medical or medically related facility, insurance company or other organization, institution or person, that has any records or knowledge of me or my health, to give to The Prudential Insurance Company of America any such information. A photographic copy of this authorization shall be as valid as the original.

Date _____ X _____ Signature _____

UMD provost resigns, Heller acting head

Raymond W. Darland resigned as provost of the University of Minnesota, Duluth (UMD), effective June 30.

At a news conference announcing his resignation, Darland said that after 28 years of teaching and administration at UMD, 23 of them as provost, he wants to "cut back a little and unwind."

He said that in the next three years before the University's mandatory retirement age of 68, he would like to complete some UMD projects which would be difficult to accomplish if he remained in the top post.

University president C. Peter Magrath said "that it is going to be difficult for us to think of UMD without Ray Darland as provost."

"Darland has been an accomplished scholar, teacher and builder of a truly significant University enterprise in Duluth. He has also been an indefatigable promoter on behalf of the virtues — and needs — of Duluth and Northeastern Minnesota," Magrath said.

"Thanks in very large measure to Provost Darland and the faculty, students, staff and other citizens with whom he has worked closely, UMD is an institution in which we can take great pride."

Darland will continue his work at the University as a half-time associate assigned to the office of James F. Brinkerhoff, vice president for finance and development. He will work on projects related to fund raising, particularly on behalf of UMD and its programs.

Darland will maintain an office at UMD and will continue to live in the Duluth area.

In his resignation statement, Darland cited the growth of the UMD campus in the past 28 years from one with an enrollment of about 1,200 students to a campus with more than 6,200 students.

"I shall always be grateful for the opportunities of service the University has afforded me as an administrator," he said. "Improvement of educational opportunity in Northeastern Minnesota was the goal, and with the exceptional cooperation and understanding of my colleagues and students at UMD, the Regents and University administration, legislators, many interested citizens and some generous donors, we have made significant progress."

Darland came to UMD in 1948 as an associate professor of biology. He headed that department for three years, served one year as academic dean and was named provost in 1953.

He was a high school science teacher, coach and principal at Hoxie, Kan., and an instructor and later assistant professor in ecology at the University of Nebraska before coming to UMD.

Heller is acting provost

Robert L. Heller succeeds Darland as acting provost.

Heller joined the UMD staff in 1950 and was named head of the geology department in 1954. He became assistant to the provost in 1965, assistant provost in 1969 and associate provost in 1972.



D. D. Stark named Westinghouse vp

Douglas D. Stark '50BBA, Pittsburgh, Penn., has been appointed executive vice president of Westinghouse Electric Corporation's components and materials group.

General manager of the motor divisions in Buffalo, N.Y., since 1969, Stark was elected a corporate vice president in 1970. He joined Westinghouse in 1955, the same year that he received his master's degree in business administration from Harvard, and has held a series of financial and general management positions in Buffalo, Pittsburgh and Columbus, Ohio.

Take that complete vacation!



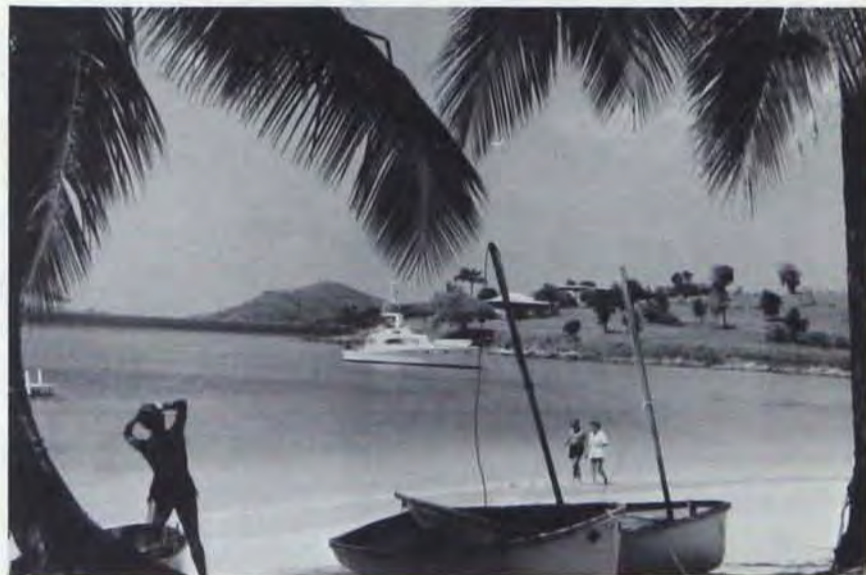
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alumni news

UNIVERSITY OF MINNESOTA

JO SAVINO, MINNESOTA'S INTERNATIONAL STAR

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ALUMNI IN WORLD
POPULATION
BUREAU

HOMECOMING '76
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65-69	5,000	135.00
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- You Are Eligible . . . if you are a member of the MAA, age 60 or under. (Coverage for residents of Texas, Ohio, New Jersey, West Virginia, Florida and Wisconsin is not available at this time.)
- Generally No Physical Exam . . . usually only the short statement of health on the enrollment form is necessary.
- Beneficiary . . . you name your own beneficiary, which you may change at any time. Special beneficiary arrangements can be made to fit your own requirements. Settlements of death claims as a monthly income may be requested.
- Premiums Waived During Disability . . . if you become totally disabled (as defined in the contract) prior to age 65, and remain so disabled for at least nine months, premiums becoming due during your continued disability will be waived. Proof must be furnished if requested.
- You May Change . . . to a permanent policy which builds cash values for retirement: When you terminate membership in MAA, when you reach age 74, or when any insurance terminates because of a change in age. You may convert the amount of group life insurance which terminates to any individual policy of life insurance then being issued by the insurance company other than term insurance or any policy containing disability or other supplementary benefits.

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Date of Birth _____ Sex _____ Year Graduated from U of M _____

Beneficiary (Print Name as MARY DOE, not MRS. JOHN DOE) _____ Relationship _____

Amount of Term Life Insurance: \$10,000

Statement of Health

The following information is submitted as evidence of my insurability:

Weight _____ Height _____

Have you ever been declined or rated for life insurance? (If yes, give details below) _____

Within the past five years, have you been confined for more than five days for any illness or injury or undergone any surgical operations? _____

(If yes, give details below) _____

Are you in good health? _____

Comments: _____

I hereby apply for group life insurance provided by the Minnesota Alumni Association Group Life Insurance Program underwritten by The Prudential Insurance Company of America. As a member in good standing, I understand that any and all dividends declared under the above group policy shall become the property of the Minnesota Alumni Association. I represent that each of the above answers is complete and true, and that they shall be the basis of the issuance by the Company of any group life insurance pursuant to this application.

AUTHORIZATION: I hereby authorize any licensed physician, medical practitioner, hospital, clinic or other medical or medically related facility, insurance company or other organization, institution or person, that has any records or knowledge of me or my health, to give to The Prudential Insurance Company of America any such information. A photographic copy of this authorization shall be as valid as the original.

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alumni news
UNIVERSITY OF MINNESOTA

NOVEMBER 1976

VOL. 76, NO. 3

A Special Report

This issue of the *Minnesota Alumni News* comes to you a week late, but it does contain an additional special report in the center section on the University of Minnesota and its case against the NCAA.

The press was stopped when the NCAA story broke on the Twin Cities campus so that a complete capsule of the entire saga could be pulled together for an objective presentation to our alumni members.

The investigation process has been spread over a long period of time, thus causing fragmented information at best. Alumni away from our home state have received even less information.

Now, your *Minnesota Alumni News* brings you the opportunity to evaluate the entire NCAA issue. Our aim is to have an informed alumni body which can represent our University well across the land.

The "Letters to the Editor" feature will carry a sampling of alumni opinion on the subject in future issues. — VB

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Mary Lou Aurell '62BAJourn Editor
Vincent J. Bilotta '57BS Managing Editor

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Faculty profile: Jo Savino

International classical ballet star teaches enthusiasm tempered with self-discipline

JO SAVINO relaxes while watching students practice at his Classical Ballet Academy in St. Paul. The variety of students with whom he works at the University and in his own school challenges him immensely. "His zest and excitement as a person creates an atmosphere that is marvelous to learn in."

By Irma Wachtler



The

only international classical ballet star whom the Upper Midwest has produced has been teaching ballet at the University of Minnesota for the last five years.

The credentials that Jo Savino brings to his position are superior, for he has distinguished himself internationally as a very gifted and sought-after performer, a scrupulously strong technician and a uniquely fine teacher.

Though his name and fame are well-known internationally, few people in the Twin Cities are aware of his stature in the dance world. He works quietly at his profession, and it is only after some deep probing that one learns about his international recognition, as well as his long and impressive list of accomplishments.

There is an interesting and glorious story to be told about Jo Savino.

When he is coaxed into talking about himself, there is an electrifying excitement in his enthusiasm for his love of classical ballet, its preservation and his joy in sharing the depth of its beauty with others. Because of his deep feeling, he readily instills a love of dance in the classical form in his students.

Savino maintains that a dancer must "work his body every day." He is determined to remain in peak form himself, and no matter how crowded his schedule, he sets time aside each morning to go to his studio to work alone. His self-discipline reflects what he teaches to and demands of his students and company dancers. He is dedicated to presenting the highest professional standards of performance.

Born

and raised in St. Paul, Jo Savino left the Twin Cities at an early age to join the Ballet Russe de Monte Carlo for whose world premier of "The Mikado," he created the role of Nanki-Poo. When this group appeared at Northrop Auditorium in the 1950's it was Jo Savino who was dancing Nanki-Poo, in addition to the principal role in "Les Sylphides."

After two seasons touring the United States and Canada, and partnering the company's leading ballerinas, he began his European career. Initially he joined the American Festival Ballet, and over the succeeding 20 years became a veteran of Europe's ballet stages, performing principal roles which received wide critical acclaim.

When he returned to the U.S. in 1971, he created the Jo Savino Ballet professional performing ensemble in St. Paul, and also founded the company's official school, the Classical Ballet Academy. He is artistic director of both.

Europe (and Ireland) know Savino well, as he has danced every leading role in the repertoire of the American Festival Ballet which toured the continent extensively. Christine Hennessey, his partner then, was the Prima Ballerina of that company. (She later filled that spot for the Royal Winnipeg Ballet.) They were seen in Berlin, Hamburg, Stuttgart, Frankfurt, Munich, Vienna, Salzburg, among other major European cities.

As Danseur Etoile (principal male dancer) for various companies, he has been partner to a number of renowned ballerinas: he danced "Swan Lake" and "Scheherzade" for the National Ballet of Belgium with Vera Kirova who is now Prima Ballerina in the State Ballet Company of Sophia, Bulgaria; and he danced with Mia Slevenska when she was the star of the original Ballet Russe de Monte Carlo (now in her own company with Frederick Franklin) and Marjorie Tallchief, sister of Maria Tallchief, who went to Europe to make her career.

The Grande Ballet Classique de France gave Savino the opportunity to partner the "grande dame" of contemporary dance, Prima Ballerina Assoluta, Rosella Hightower. She was the Prima Ballerina of the famed "Marquis de Cuevas" company in

Paris for years, and now has her own Center de Danse Classique in Cannes, France.

At present, Savino performs regularly as guest artist with the Grand Ballet Classique de Paris as partner to Jeannette Jacquet, the principal dancer and Artistic Director of that company. In February of 1975, he danced the lead role of Hoffman in "Tales of Hoffman" for 15 performances through northern Europe.



SAVINO LIFTED his partner, Jeannette Jacquet, now the Prima Ballerina of the Grand Ballet Classique de Paris, during a performance in Paris honoring actor Maurice Chevalier. Savino was the only American invited to perform at the event.

Last November, with the same company, he portrayed Prince Charming in "The Nutcracker" touring Germany in 25 performances. The month before he danced in a command performance with the stars of the Paris Opera (the top professional dancers from all over Europe) in a memorial

festival honoring Maurice Chevalier at Theatre Champs Elysee in Paris. He was the only American invited to perform.

This fall, at the request of the French government, Jo Savino choreographed a ballet dealing with the pollution problem for a French movie on that subject. He and his company were filmed here in St. Paul. (The movie will be available for French distribution only.)

One

can barely mention a European opera house behind whose footlights this gentleman has not appeared as principal dancer. The Zurich State Opera House stands out in his memory along with the Opera Houses of Wiesbaden, Bremen and Lubeck, Germany, for his parts in "Sampson and Delilah," "Die Fledermaus," "The Prophet," "The Skating Ballet," "Orpheus" and "Hamlet."

For the Yugoslavian Ballet, he has been guest artist and artistic director, and has performed a number of full-length ballets, including, "Swan Lake," "Sleeping Beauty," "Romeo and Juliet" (Prokofiev), "The Nutcracker," "Coppelia" and "Giselle."

His reminiscences of London reveal the filming of an English movie, "Yellow Hat," in which he performed the lead.

Though European stages have been his most frequent performance platforms, Savino has also danced in Israel, North Africa and South Africa with PACT (Performing Arts Council of the Trans-voll, a large, government-supported company). During an 18-month engagement with PACT as principal dancer, John Hart from the London Royal Ballet arranged the lead performance for him in "La Fille Mal Gardeen." Among dancers, to perform this role is considered a rare privilege. Only the larger and wealthier companies can dance this ballet because of the expense involved.

Busy

as Jo Savino is in the Twin Cities with his classes at the University of Minnesota, his own Classical Ballet

Academy in St. Paul and the professional company, he teaches continually throughout the country for the Professional Dance Teachers Association of America and for the oldest dance organization in the United States, Dance Masters of America.

This past summer he was called to New York on two separate occasions to give Master Classes for the National Conventions of Dance Teachers, as well as for Dance Caravan Blue. The Convention of Dance Teachers requested that he close their conference with a performance and he presented the Grand Pas de Deux from "Don Quixote" with Rose Marie Menes, the star ballerina from the New York City Center Opera. This presentation was received so enthusiastically that he was immediately called to Washington, D.C., to repeat the performance for Dance Masters of America.

Through his contacts with various companies, this dance master has collaborated with numerous world-renowned choreographers — all of whom have arranged works especially for him. Among these masters are George Skibine, Boris Tonin, Mia Slevenska, Nathalie Krassovska, John Hart, Frederick Franklin and Rosella Hightower. One of the most famous is the Russian, Leonide Massine of the famous Russian Diaghilev Ballet (the original Ballet Russe de Monte Carlo). Very few contemporary dancers have had the opportunity to work with Massine, considered to be one of the greatest choreographers in the world.

The Jo Savino Ballet Company has experienced valuable residencies with these internationally-known choreographers, as well as with Arthur Mitchell of the Dance Theater of Harlem and John Pasqualetti from the Pacific Ballet.

During the 1976-77 season, special arranging will be done for Jo Savino Ballet by Richard Ellis and Christine DuBoulay, directors of the Illinois Ballet; Anna Marie Holmes of the London Festival Ballet; Marcia Quigley, formerly of Ballet West; Mercedes Molina and Enrique Segovia of the Mercedes Molina Spanish Theater of South Africa; and Dom Orejudas, protégé of Richard Ellis and Christine DuBoulay, a popular U.S. guest choreographer.

It is important for dancers to perform as much as possible. Their daily warm-ups to keep muscles in tone coupled with constant work on perfection of technique and interpretation, leads to the theater and the performance of the art. Savino works to provide the theater opportunity for his company and for his advanced students as much as possible.

Besides its seasonal series, his company performs in the metropolitan area and has toured to various locations outside the Twin Cities as far away as Chicago.

A lecture demonstration entitled "So This is Ballet" was designed and introduced by this ballet master to take into the Minneapolis Public Schools where it met with great success. This same program played to packed houses three times at Northrop Auditorium with the Minnesota Orchestra.

Savino's recent work, "Red, White and Dance," which he choreographed for the Bicentennial, has been received very enthusiastically by the more than 40,000 who have seen it. The work also received an award from the Minnesota Bicentennial Committee.

Presenting

dance to an audience is quite different from presenting dance to students. The problems inherent in this difference are compounded when teaching in a situation embracing students of widely varying comprehension, ability and age, such as at the University of Minnesota. Savino possesses the rare combination of star dancer, talented teacher and temperament characterized by patience and calmness. As a result, he conducts classes at Minnesota with as great success as he does his many master classes for dance teachers.

Judith Brin, *Dance Magazine* correspondent, said of him: "His patience allows room for even the untalented and the slow to learn. His ability to share his knowledge rather than guard

it jealously is also unusual . . . Mr. Savino's comprehension of dance is both practical and theoretical because of his long years of stage experience and contact with the great artists of our time. With generosity he shares his experiences, not boastfully, for purpose in his teaching. The ability to really watch students is also a remarkable trait in Mr. Savino's teaching."

The University students' opportunity to study ballet with a performing professional such as Savino provides an advantage that the non-performing teacher cannot give. Savino can offer the techniques to assure endurance, stability and showmanship which the non-professional — or even the professional of limited experience — has no knowledge.

He says: "I have found from experience that the best method through which to learn is by studying, working and dancing with a performing professional. One learns the important technique of pacing and of saving one's strength for the most demanding and difficult moments."

Savino's students are readily placed in national and international roles of prominence due to the quality of their training: one is currently a demi soloist with the Opera Ballet in Hanover, Germany; another is with the London Festival Ballet; two recently received scholarships with the Royal Winnipeg Ballet; and still another was chosen to dance *Otello* and *La Sylphide* in Cannes, France.

His thorough knowledge and understanding of an unusually large repertoire of full-length ballets makes Savino's philosophy that of a purist. He believes in presenting a ballet or any work "the way the original choreographer intended it to be." His presentations are never watered down or modified in production or technique. The only alterations ever made are those that accommodate a smaller corps than the original work calls for — financial restraints often dictate the number of dancers who can be employed.

His is the only local company to bring together international stars and American dancers in the reproduction of the famous "Pas de Quatre," first performed for Queen Victoria at Her



DANCE MASTER Jo Savino is well aware of the alliance of classical ballet with athletics and sports. "Dancing is the acme of body language," he said. "It is body movement finely honed to execute difficult physical feats with gracefulness and apparent ease, when in fact, the end product represents the ultimate in strength and muscle control."

Majesty's Theater, London, when it united in performance the four illustrious danseuses of that epoch. In 1974 Savino presented it at St. Paul's O'Shaughnessy auditorium, featuring Rosella Hightower with Jeannette Jacquet plus Sally Streets from the Pacific Ballet and Raya Lee, than a member of this company, and formerly soloist with Ruth Page's International Ballet and the Chicago Opera Ballet.

Savino believes it is important to present full-length ballets as much as possible. The full-length "Giselle," a product of the Romantic Era, which clearly demonstrates the characteristics of "romanticism" had not been done in this area for 20 years until Savino produced it first in 1973.

Likewise, this month the full-length "Coppelia" will be presented in the Twin Cities by Jo Savino Ballet when the company opens its 1976-77 season November 26-28 and December 3-5 at the Civic Center Theater in St. Paul. The first time it has been performed by local professional groups, the ballet is the story of a toymaker whose dolls

come to life — a holiday delight for both young and old — a true classic, rarely seen in its entirety.

In spite of Jo Savino's strong belief in presenting such classics in their original form much as one carefully preserves a Rembrandt or a Rubens, he is not strictured by his philosophy. He says, "It is important to include in the repertoire contemporary works as well." He believes in variety, which his performing season demonstrates:

After opening with the classic "Coppelia," the company's second series (March 18-20) will include contemporary works plus "Laurentia,"

originally choreographed for the Kirov Ballet in Leningrad and seldom performed in the United States. Their third series (April 29-May 1) will feature a ballet set to Rimsky Korsakoff's "Capriccio Espagnol," and flamenco and regional Spanish dance.

Savino

maintains that "no matter which area of dance one chooses to pursue, it is imperative that the dancer have a good foundation of classical ballet . . . for it is the basis of all forms of dance and movement. A classical ballet dancer can do a modern ballet — but a modern ballet dancer cannot do a "Swan Lake." Jo Savino's main thrust is the pure classical ballet style which he

complements with contemporary rather than vice versa such as the Joffrey Company does. Joffrey "is aware that his dancers are not known for pure classical style" but rather for a variety of styles. Those whose jobs are to review the pure classical ballet style are hard-pressed to find a basis for comparison from among the American companies.

Savino's outlook on ballet is crystalized in some random thoughts he expressed during a casual discussion: "The dancer uses his entire body to express his art much as a painter uses his brush. In the case of dance, it is the idea behind each movement which must be transferred to physical expression in order to convey the story line or poetry to the observer. This requires total involvement — physical and emotional. It can be romantic, dramatic and classic!" Hence we find over-exaggerated movement — mime — is a prominent component of the art of classical ballet.

"Dancing is the acme of body language — it is body movement finely honed to execute difficult physical feats with gracefulness and apparent ease, when in fact, the end product represents the ultimate in strength and muscle control. The secret of good ballet is to make everything look effortless," Savino said.

"In addition to its lyricism, there is an important integration of mathematics and science. Everything must be very carefully calculated. The dancer must be precise in the mathematical observations of total floor space, the space between dancers, and rhythm and timing with each other as well as the coordination of the steps with the music. They must understand the phenomenon of positive and negative power (which is really physics), particularly in pas de deux, trois, quatre, et cetera.

"If these calculations are not properly made, a pas de deux can result in total disaster and serious physical injury. Physical injury is always a danger to the dancer just as it is to the athlete. The dancer is subject to the same kinds of injuries as is the football player — for instance, pulled muscles and ligaments, harm to the ankles, knees, shoulders and back," he noted.

Ballet and dance are more closely related to athletics than the common



observer realizes. As a matter of fact, it is the most demanding physically, mentally and emotionally of all athletic endeavors. It is integrated into the fluid movements of a good athlete, for dance movements are essentially what one sees unknowingly in the sports arena. Swimmers, gymnasts, football and basketball players come to Savino's classes. They need ballet to develop coordination.

This close alliance between the movement of dance and that of athletics possibly explains why dance is taught primarily in physical education departments. For the person who goes to ballet class for sheer exercise, there is nothing better. It provides the best body toning possible because it involves virtually every muscle as well as the brain for the necessary mental alertness. Long-lasting benefits are good posture and carriage, good coordination and a refined sense of rhythm. And Savino said that "more boys are coming to classes than ever before."

THE "GRAND DAME" of contemporary dance, Rosella Hightower and Savino have performed together with the Grande Ballet Classique de France frequently. In 1975 they headlined Jo Savino Ballet Company performances in the Twin Cities and Chicago. Though Savino's main thrust is the pure classical ballet style, he does complement it with contemporary works and emphasizes the importance of such variety.

Steeped as he is in the classical ballet form, this dance master is well aware of its alliance with athletics and sports. He seems to find it interesting and challenging to work with all students — no matter what their ulterior motives may be.

What Judith Brin from *Dance Magazine* has said about Jo Savino is very important: "He has the ability to analyze what individual difficulties are rather than simply supply stock solutions to general dance problems. This ability makes Mr. Savino a teacher who will continue to grow, never becoming stale nor dated in his technical information. Lastly, his zest and excitement as a person creates an atmosphere that is marvelous to learn in."



Committee concept works with new Law School building

By Bill Huntzicker '56MA,
University News Service writer

Committees proliferate like rabbits in a university community.

There are committees on grades, grievances and growth. There are committees of students, committees of faculty, committees of administrators and committees of regents. And there are committees on committees.

Now, at the University of Minnesota, there will be several additional committees: at least two for every new building to be constructed. One committee will be concerned with physical planning and technical specifications and the other with the needs of the academic departments that will use the building.

At a recent Board of Regents committee meeting, members of committees that helped in the design of the new University Law School building

now under construction discussed how the process works.

Remarkably, in the case of the Law School at least, all the parties seem satisfied with the end result, despite the number of compromises that must inevitably be made in such a committee structure.

Robert A. Stein, professor of law, was chairman of the committee that considered the Law School's needs. His group broke into subcommittees for the areas of courtrooms, classrooms, student space, faculty space, library, public service areas and a proposed residence facility that eventually was dropped from the plan.

"We had a close working relationship with the University's physical

THE NEW LAW SCHOOL building, under construction on the University of Minnesota's West Bank campus in the Twin Cities, is slated for completion by December 1977. The new facility is located on the north side of Washington Avenue.

planning department," Stein said about his committee. "We think our new law building will be functionally the most outstanding law building in the country."

A number of specific design needs were created by trends in legal education, Stein added.

"The advanced law students move away from classrooms into more independent directed study," he said. "There is independent study space for 400 students, about half the projected student body, in the new building design, compared to only 18 study carrels in Fraser Hall (the old Law School building)."

The new building also includes 12 seminar rooms. There are none in the present building.

Five 30-student classrooms are also a part of the new building. The larger classrooms will be U-shaped, with a

(Turn to page 11)



Join Hunters Night

November 13, 1976

Your Special Hunters Night Menu

Includes your choice of Petite Marmite, Waldorf Salad Maison or Melon with Italian Style Prosciutto Ham; and five fantastic entrees: **Pheasant Souvaroff**, baked in casserole with mushrooms and truffles, \$14.50*; **Braised Mallard Titania**, simmered in game sauce with grapes and oranges, \$13.50*; **Potted Quail a la Fermiere**, served encasserole with braised vegetables, \$13.00*; **Domestic Duckling L'Orange**, half a roasted duckling with apples and orange sauce, \$12.00*; or **Braised Buffalo Gran Veneur**, served with mild pepper sauce with red currants and baked Minnesota Wild Rice, \$10.75*. All of these entrees are served with Assorted Garden Vegetables.

Your dessert is scrumptuous **Grapes Matterhorn**, green seedless grapes, folded with sour cream and brown sugar, seasoned with orange liqueur.

Five entrees, including Tournedo Rossini, Prime Ribs of Beef, Au Jus, Supreme of Chicken a la Kiev, Broiled New York Cut Sirloin Steak and Boiled Great Lakes Wall-Eyed-Pike will also be served from the regular menu.

(* Plus tax and gratuity.

And Other Fall and Early Winter Events . . .

December 11, Family Christmas "Julebord", a traditional Scandinavian Christmas buffet. Bring the children, your family and friends.

December 21, Christmas Luncheon, a sumptuous buffet at which to entertain your friends or business associates, featuring distinctive Christmas dishes and desserts.

December 31, New Year's Eve, your chance to bring in the new year at the Club, with a five-course dinner, party favors and dancing throughout the evening. Reservations are a must.

January 29, Old Fashioned Seashore Buffet, of iced salads, old fashioned chowders, Pacific chioppino, oysters, clams, seafood salads, baked and grilled fish and seafood specialties of both coasts. (Four entrees also served from regular menu)

February 19, San Francisco Night, the most popular buffet evening in 1976 will be repeated, with the staff attempting to outdo the variety of ethnic foods from the Great Bay Area served last year. (Four entrees also served from regular menu)

March 12, Gala Night, your Club's Third Anniversary Dinner Dance, featuring a five-course dinner with appropriate wines. Wear your fancies. Reservations requested.

Contact Club manager Irene Kreidberg at 376-3667, to obtain reservations for or more information on the special Club events cited above.

Legal education outside classroom dictates changing student areas

(From page 9)

place for the instructor lower in the center. Small conversational areas were created outside all classrooms for the groups that gather around a professor after class. This way, Stein said, the discussions won't be broken up by the next class that meets in the larger room.

"Because there is more legal education taking place outside the classroom, there will be a central lounge area, which will force increased contact among the faculty and students," Stein said.

"The new facility will have a legal services wing with a separate entrance," he said. This "public service" area will house legal aid and public defender offices and will include interview rooms with video equipment to enable faculty members to critique legal aid students' interviews with their clients.

A lawyers' advisory committee made suggestions about the design of the courtrooms in which students will practice for trials. Stein said the judge who was chairman of this committee believes the courtrooms are better designed than those in the new Hennepin County government complex.

"We hope the Eighth Circuit Court of Appeals and the Minnesota State Supreme Court will actually hold trials in the building," Stein said. "We will have video equipment so the trials can be taped for classroom use."

D. Eric Wheeler, assistant director of physical planning for the University, was chairman of the committee that considered the building's architectural relationship to the rest of the campus.

Wheeler said the structure benefits from sharing a wall with the Auditorium-Classroom building already completed on the West Bank.

"The largest classroom in the new Law School building will accommodate 200 students, and the

Auditorium-Classroom building can accommodate the 800-or-larger groups without duplicating facilities," Wheeler said.

Although the building was designed before the State Energy Code was developed, Wheeler said, it will exceed the code's requirements.

"There is a heat recovery system to convert and recycle exhaust air," he said. The shared wall, a heavily insulated roof, a roof garden with one foot of soil and cantilevers designed so that only the winter sun will shine into the classroom windows also will help to conserve energy.

Law School Dean Carl A. Auerbach said law schools are only beginning to adapt their facilities to clinical education in the way that medical facilities have. Auerbach was chairman of a

committee named ten years ago to study the future of legal education. His group recommended the new building at that time.

Auerbach said the problems of planning a law library alone were the subject of a 60-page memorandum.

Clint Hewitt, University assistant vice president for physical planning, said an advisory committee of faculty and students is named every time the legislature appropriates money for a new building. The idea is to integrate the physical design concerns with the needs of the academic departments that will use the facility, he said.

The \$13.8 million Law School building is expected to be completed by December 1977. Architects for the project were Parker Klein Associates of Minneapolis.

Immediate Opening For Assistant Alumni Director



The Minnesota Alumni Association announces a search to fill the position of Assistant Alumni Director.

DUTIES: Assist the Director in the preparation and implementation of innovative programming; administer various service and account programs; perform staff supervisory functions; travel as needed to attend alumni programs away from the Twin Cities campus; meet with volunteer alumni groups and committees on campus or elsewhere; handle business correspondence; write for alumni and University programs; and such other duties to be assigned.

REQUIREMENTS: Be an alumnus or alumna of the University of Minnesota and have ability in public relations, writing and public speaking, and the ability to develop creative alumni programs. Emphasis will be placed on interpersonal skills. Preferred qualifications are previous experience in public relations, journalism or the business field.

SALARY: Open depending on indicated talents and experience. The range of salary is expected to be \$17,000 to \$24,000, plus fringe benefits.

The position is open immediately.

Applicants should include a complete resume, transcript of all college level work and the names of three references who are knowledgeable of professional abilities. Do not send letters of reference.

DEADLINE DATE: November 27.

Address: (mark envelope "Confidential")
Mr. Vince Bilotta, Director
Minnesota Alumni
Association
2610 University Avenue
Saint Paul, Minnesota
55114

Please, no telephone applications or inquiries.

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For that special Christmas gift . . .

Three books about Minnesota from the University of Minnesota Press:

GROWING UP IN MINNESOTA: TEN WRITERS REMEMBER THEIR CHILDHOODS

In a book recently published by the University of Minnesota Press, ten writers reminisce about growing up in Minnesota. The book is edited by Chester G. Anderson, University of Minnesota professor of English, who also provides an introduction.

The writers span a wide range of lifestyles, ages and heritage, and thus the book presents a broad panorama of life in Minnesota and individual reactions to it. The essays provide an illuminating and often challenging view of the state, as well as insight for an appreciation of other work by these writers.

The ten contributors include Meridel Le Sueur, Harrison E. Salisbury, Gerald Vizenor, Keith Gunderson, Shirley Schoonover, Toyse Kyle, Robert Bly, Howard and Edna Hong and Mary Hong Loe.

Regular price \$7.95. MAA price \$5.16, plus 59c postage & handling.

THE TWIN CITIES PERCEIVED: A STUDY IN WORDS AND DRAWINGS

This book, which contains drawings by four area artists, also has a substantial text by alumna Jean Adams Ervin, a writer and teacher. In its drawings and words the book takes the reader on an informative tour of Minneapolis and St. Paul, pointing out the interesting, sometimes exciting and sometimes depressing aspects of this continually varied urban-pastoral complex. Throughout, the book presents a mixture of the old and the new and of varying architectural styles and topographic features.

The subjects of the book were chosen by the author, but the artists — Gemma Rossini Cullen, Robert K. Halladay, Heidi Schwabacher and Robert N. Taylor — provide highly individual interpretations in each of their drawings.

Regular price \$9.95. MAA price \$6.50, plus 69c postage & handling.

As an MAA member you are entitled to buy selected hard and soft cover books published by the University of Minnesota Press at discounts representing substantial savings over the regular list prices of these books. This offer applies only to books advertised in The University of Minnesota Alumni News.



PAINTING AND SCULPTURE IN MINNESOTA, 1820-1914

This book, by Rena Neumann Coen, traces the history of art in Minnesota from the time of the establishment of the frontier garrison of Fort Snelling in 1820 to the beginning of World War I in 1914. Many of the illustrations in the 200-page volume are in full color.

This book is an outgrowth of a major

Bicentennial exhibition, The Art and Architecture of Minnesota, presented this spring by the University of Minnesota Gallery. Barbara Shissler, director of the Gallery wrote a background note for the book, and Minnesota Governor Wendell Anderson wrote the foreword.

Regular price \$19.50. MAA price \$12.67, plus 69c postage & handling.

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(Minnesota residents add 4% sales tax)	\$ _____
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(Make checks payable to the Minnesota Alumni Association.)



Homecoming 1976

Return to tradition features pepfests, queen, bonfire and parade



Homecoming 1976 festivities at the University of Minnesota's Twin Cities campus were highlighted by a Homecoming parade, the first in eight years, and the selection of a Homecoming queen, the first since 1970.

The enthusiastic crowd that gathered on Northrop Auditorium's plaza on a gray and windy Friday noon before the Gopher-Illini confrontation heard the rousing music of the Pep Band and optimistic comments of Gopher football coach Cal Stoll and members of the 1976 squad, enjoyed the verve and color of the cheerleaders and Pep Squad, and saw Gopher football captain Tony Dungy present a dozen red roses to Ann Gallogly of Bloomington, Minnesota, indicating that she was Minnesota's 1976 Homecoming queen.

Gallogly and the six other finalists who attended the Pep Rally with Miss USA, Barbara Peterson of Edina, Minnesota, earlier in the week had competed in a football throw and half-mile run before being interviewed by the football team. The other finalists, all from the state, were Marnie

The shouts and songs, blare of the tubas, flashing maroon and gold pom-poms of the Pep Squad, the happiness of a co-ed named 1976 Homecoming Queen, lifted a gray Friday noon into the sunny tradition of homecoming.



A Homecoming bonfire on Friday night kept alive a homecoming tradition of the past as the Pep Squad and Pep Band joined spectators in building spirit for that special game the next day.



(From page 13)

Wheaton, Excelsior; Rosanne Sierzant, Minneapolis; Cathy Sirany, Richfield; Robbie Rocheford, Minneapolis; Kandace Kuehl, Austin; and Daina Zile, Fridley.

All of the young women joined the crowds at the Homecoming bonfire on

Friday night and chorused the cheers and songs of the cheerleaders and Pep Band after the queen had lighted the traditional fire.

Later, a number of those at the bonfire snake-danced to Coffman Union for a dance.

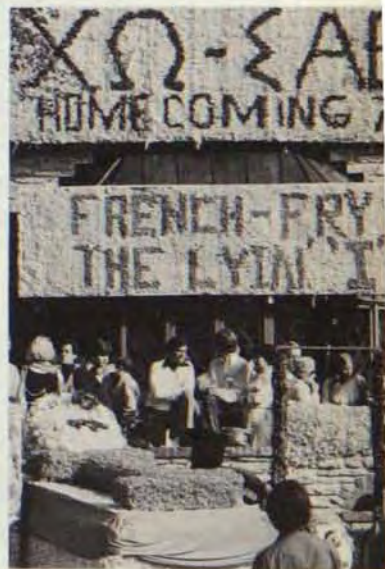
On a sunny Saturday before the big game, the Homecoming parade moved through

Dinkytown and down University Avenue past colorfully-decorated sorority and fraternity houses to Memorial Stadium. The crowds who lined the parade route and the celebrations of the onlookers on "Fraternity Row" was reminiscent of Homecomings past.

There were floats and plenty of enthusiastic folks lining the streets by the Twin Cities campus, the precision and stirring music of the Marching Band, and there were Homecoming royalty and campus celebrities to wave back at the crowds during the Saturday pregame Homecoming Parade.



Many of the more than 52,000 who packed Memorial Stadium on this Homecoming Saturday viewed the colorful displays and student celebrations along University Avenue, adjacent to the stadium, and were thrilled by the Marching Band's halftime Homecoming spectacular.



Homecoming 76 festivities were capped in Memorial Stadium when Minnesota convincingly "French-Fried the Illini" 29 to 14.





Two

Minnesotans have set 1985 as their target date to bring the world birth rate below 20 per 1,000 and the world population growth rate below 1 percent. If their goals are accomplished, the world population total could be less than 5.5 billion by the year 2000.

One of these alumni is Dr. Reimert Thorolf Ravenholt '48BS '51MB '52MD, director of the Office of Population in the Bureau for Population and Humanitarian Assistance, U.S. Agency for International Development (AID), Department of State. The other alumnus is his deputy director for operations, E. Randall Backlund '42BA.

They are optimistic men because of what has been accomplished in world population control over the past 10 years. Ravenholt has been with the federal agency for that length of time; Backlund joined the team in 1968.

Previously Backlund had been a foreign operations officer in the Department of Defense, working as a special assistant to the chief of the Marshall Plan Mission to West Germany. In private industry he had served as a program coordinator in the office of the vice president of the Ford Motor Company.

Ravenholt became AID's gadfly in 1966. He had no previous association with Washington, D.C.'s bureaucracy. An epidemiologist, he had worked in public health in Atlanta, Georgia, and Seattle, Washington, and as a consultant to the European Area administered by the U.S. Public Health Service through the American Embassy in Paris.

He went to Washington, D.C. from the University of Washington's School of Medicine in Seattle. Dr. Malcolm Merrill from the Health Department of California recruited Ravenholt for the federal agency that was then known as the Population Reference and Research Branch of the Office of Technical Cooperation and Research.

FROM THE TOP, E. Randall Backlund and Dr. Reimert T. Ravenholt, both University of Minnesota alumni, and Dr. J. Joseph Speidel, who comes from a "University family" and has done research work at Minnesota, lead the efforts of an AID agency that has world-wide impact in work to control population growth.

With the numbers of new men hired to staff the agency, little was accomplished by it for two years despite the fact that Senator Ernest Gruening of Alaska, seeing the importance of Ravenholt's appointment, instigated an elaborate swearing-in ceremony to which all those remotely connected with population were invited.

According to a history of the U.S. response to the world population crisis, "Ravenholt . . . brought to his job no experience with the federal bureaucracy, little patience with its failings and few inhibitions about saying so. His main work, as he saw it, was to build a program, 'to get the action moving,' as fast as possible. His approach was to identify the priorities and to concentrate on one or two key issues or bottlenecks at a time.

"He wanted to disentangle extraneous people from the programming process, to clear away innumerable office and advisory opinions that seemed to hover around every AID action. Ravenholt wanted to organize and direct the program himself. Those whom he could not easily convert, he was to damn."

That was the beginning. Ravenholt's thesis was that imagination, flexibility and realism would build an agency capable of meeting the world population crisis.

His attitude toward the goals of his agency's efforts is still unmistakable. When asked about the impact of the anti-abortion protagonists, he called them "a malignant remnant of the Medieval Mediterranean inquisition which seeks to keep the poor on the uterine rack forever."

When

interviewed in his agency's new offices in Arlington, Virginia, Ravenholt talked about the initial concern over the increasing world population. He made immediate reference to General William D. Draper, Jr., an assistant secretary of the Army whom President Eisenhower had asked to investigate the economy of developing nations. An industrialist and banker, Draper concluded that there could be no sta-

bility in the world economy, nor in any nation, unless there was more than token effort to control population growth.

It took the world food crisis of the '60s to focus on the effect that increasing population was having on the world hunger problem. Even Norman Borlaug's much-publicized Green Revolution had its limits.

Private agencies such as Planned Parenthood and the Ford Foundation, were the first to fund and work in the population control area. According to Ravenholt there was a natural evolu-

"We have a strong moral responsibility to take action to control population growth because we have really created the crisis . . ."

tion from the private to the public sector and then to international involvement, mainly through the United Nations and the leadership of countries like Sweden that followed the leadership of the United States.

does not believe that funds spent on building hospitals and clinics and in hiring expensively-trained personnel will accomplish his agency's goals.

"The majority of the people in less developed countries live in rural areas. They have no way to get to clinics located in towns. There must be ways to get information and birth control

"There is a strong moral responsibility to take steps in population control because we have really created the crisis," Backlund said.

"The drop in the death rate due to antibiotics, our concentration on public health, the impact of transportation, communications and other innovations have all contributed to the crisis. Con-

Minnesotans race time to control population

tion from the private to the public sector and then to international involvement, mainly through the United Nations and the leadership of countries like Sweden that followed the leadership of the United States.

Title X of the Foreign Assistance Act, the Congressional bill which made funding of the Office of Population stable, was passed in 1967. Funds from that Title supply 37 percent of the money from the United Nations Fund for Population Activities.

Today more than 50 countries have official population programs and in more than 100, the AID agency assists through other organizations.

When asked if there was resistance to population control programs in the Catholic countries of Central and South American and in Mexico where there are high birth rates, Ravenholt said that many Catholics have accepted birth control, following the counsel of young priests who recognize that quality of life is more important than the quantity of those who live it. In Columbia, for instance, the birth rate had fallen to 30 per 1,000 in 1975 as compared to 40 per 1,000 in 1965.

In Africa, nine of its 54 governments have policies and programs for family planning, seven of which have been initiated since 1966. Some of these programs are incorporated into maternal and child health programs. Ravenholt opposes working through public health organizations alone. He

methods into their villages," he said.

There are — through the Boy and Girl Scouts, the 4-H clubs and midwives. But Ravenholt feels that pills, condoms, IUDs and educational materials on the rhythm method must also be available for distribution.

Birth

rates have decreased throughout the world in the last decade — from 34 per 1,000 persons in 1965 to 28.2 per 1,000 in 1974. The number of births that exceed the death rate is beginning to decrease, with the rate of national increase falling from 2 percent in 1965 to 1.63 in 1974.

Poor women are as anxious to limit their families as the wealthy, but in Europe, Northern America and Oceania where the birth rate was 16 per 1,000 in 1974, the per capita income was \$3,436, while in other parts of the world with a birth rate of 32 per 1,000, per capita income was below \$450.

Work has not always gone quickly to achieve a slowdown in population growth. Only recently did the American Home Economics Association focus on family planning even though the organization worked on nutrition for years. Its current efforts in family planning are being funded by the Office of Population which also supports many other organizations in order to make AID's work far-reaching.

sequently, we must assume responsibility through intelligent action to help the underdeveloped countries drop their birth rates," he said.

Ravenholt's staff includes 61 professionals, 20 clerical workers, 5 physicians and about 12 PhDs. He relies heavily on the non-profit, volunteer organizations to augment his work.

One

can believe that Ravenholt was and perhaps still is a gadfly. He has a commitment to cause which is evangelical. Urgency is more than a word for him. In your imagination, without verbal expression, he can readily make you see unwanted, starving children who need never have been born.

Near the end of an interview, Ravenholt mentioned Dr. Harold Diehl, former dean of the University of Minnesota's Medical School:

"Many Medical School graduates have a propensity for public health work. He inspired us," Ravenholt said.

"He was a professor in preventive medicine, you know, before he became dean. In the '20s he saw the



danger that could come to one from smoking. He saw what was needed in public health and he lent a strong hand to it in contrast to the emphasis in other medical schools."

Ravenholt comes from a small Wisconsin town. All of his brothers and sisters have made "public service" an important part of their careers. Albert, the eldest brother, led them all off the farm and to college. He was on the staff of the American Field Service in Asia. Halvor '51BS is in soil conservation. Eiler '48BS, now in education, was on Hubert Humphrey's staff until 1968.

Another brother, Otto '58MD, is a health officer in Las Vegas. Astrid '54BS and Johanna, two of Ravenholt's sisters, are nurses, one overseas. Of the remaining sisters, Agnes is a speech therapist and Gerda teaches home economics.

If

Ravenholt's goal for 1985 is realized, it will be because he believes en-

SINCE DR. RAVENHOLT joined the Office of Population in 1966, the agency's work has spread into 50 countries throughout the world that have official population programs and into more than 100 others where its personnel and funding assist other organizations working to control population growth.

thusiastically and unequivocally in what he calls "Fifth Tier Technology" — the development of a substance that can be self-administered to be used in hindsight "to control fertility after exposure to or recognition of pregnancy."

Such a development would produce "a quantum increase in the speed and effectiveness with which family planning could be extended around the globe," Ravenholt said.

He feels that Backlund's efforts are at the heart of the Office of Population. Since money and funding are essential, he would seem to be, for he has a finger on all overseas operations, no matter who is spending the money. He can tell you exactly which organizations, universities and contracting agencies were funded since 1965 and

the amount of that funding. He can tell you that \$48,384,000 has been budgeted for the purchase of contraceptives in 1977.

The tables and statistics he cites embrace AID goals that extend from 1976 to 1979. They name the agencies to which funds are given for demographic work, among them the World Fertility Survey (working in conjunction with the United Nations), the University of Chicago for an evaluation of family planning effectiveness, and the East-West Population Institute in Hawaii for population dynamics in Asia and the Pacific. All of the agencies that deal with demographics are working to improve the census in fertility change where family planning services have been set up to measure the effectiveness of that change and its cost.

A second goal of the Office of Population's funding efforts involves social

Minnesota challenges the NCAA



I feel that the NCAA (National Intercollegiate Athletic Association) is capricious and dictatorial in its dealings with its members and that it often sacrifices the sense of fair play in its efforts to protect itself and to bring its members into line, Ron Simon '54BBA '57LLB, Minneapolis, the Minnesota Alumni Association's representative on the University's Assembly committee on Intercollegiate Athletics (ACIA), said.

Simon, as an ACIA member, voted against the University's recent decision not to declare three of its student-athletes ineligible — but not because he does not support the University's current action against the NCAA. Rather, being an attorney, Simon felt a different course of action might have been more expedient.

Simon feels that when the NCAA finds enough corroborative evidence to punish a student-athlete, be it for a major or minor infraction, that they "really want to lay the blocks to him, so no one else will want to do the same thing."

He has dealt with the NCAA before — on a professional basis — when he defended Reed Larson, now a junior defenseman for the hockey Gophers. The NCAA wanted to declare Larson ineligible for collegiate hockey because he had contracted an agent to represent his potential professional interests while he was still in high school. The NCAA lost its case against Larson, mainly on the point that Larson was a minor and, as such, could not be legally held to a contract.

Simon questions if what Larson had done was really harmful to intercollegiate athletics and wonders if the NCAA might have started a "witch-hunt" at the University of Minnesota after it lost the Larson case.

Federal district court will hear University case in late-November

The University of Minnesota is seeking a federal district court injunction that will prevent the NCAA from enforcing the indefinite probation it levied on October 21 against all University men's intercollegiate sports on the Twin Cities campus. This probation would prevent University teams from participating in post-season meets and televised NCAA games.

The NCAA said that it imposed such a severe probation because the University's refusal to declare three of its basketball

players ineligible was a "failure to fulfill its conditions and obligations of membership in the Association."

(Although NCAA membership is voluntary for those institutions belonging to the national organization, without such membership, a college or university cannot have a viable intercollegiate athletic program.)

However, the University will not engage in "lifeboat ethics" by "throwing three students overboard" to keep the Gopher teams in good standing with the NCAA, University President C. Peter Magrath said at the news conference the day after the NCAA's indefinite probation was announced. "All of us can only wonder then who will be next," he said.

Last year, when the NCAA imposed its penalties against the Gopher basketball program for rules violations committed under former coach Bill Musselman, the University was conducting NCAA-sanctioned due process hearings for three student-athletes, currently members of the basketball team, on questions of their eligibility.

The ACIA finally decided not to rule the players ineligible. The University administration fully supported this mainly-faculty committee's decision. And the NCAA was prompted to announce its indefinite probation ruling in late October.

"I do not understand how you can have a hearing when the result is pre-ordained by someone external to the hearing process," Magrath said.

"I am convinced that the rights of (basketball players) Mike Thompson, Dave Winey and Flip Saunders are fundamental," he said. "They must be defended, regardless of the economic and other sanctions the NCAA is attempting to impose on us.

"It's important for the student-athletes to know that the institution will stand behind them," Magrath said. "I think we are running a program that is absolutely in compliance with NCAA rules and in the spirit we want on this campus."

An open letter to Minnesota alumni:

Billed as "Pigskin Pork Day" with our rivals from the south as opponents, the Golden Gophers moved onto the field against Iowa, sharing the Big Ten conference lead. With 52,000 spectators looking on, the most significant aspect of the day was not contributed by either athletic team, however.

Rather, what this impressionistic new alumni director will carry away from that memorable afternoon is the sincerity of University president C. Peter Magrath as he addressed the throng at halftime, publicly setting forth his administration's determination to right what he strongly feels is the wrong being done to three Minnesota student-athletes by the NCAA.

This stand for principle brought a resounding standing ovation from the crowd which included more than 5,500 Hawkeye followers. The communication I received from that response is that this case against the NCAA is more than a University of Minnesota effort. It embodies a universal principle of fairness, regardless of a university's colors.

While the Maroon and Gold of Minnesota will be taking the lead (and bearing tremendous court costs), the NCAA issue will go down in history as a courageous effort by Minnesota to protect the

rights of those participating institutions and their student-athletes across the nation which make intercollegiate athletics a reality.

During the second half of the game, members of Minnesota's ROTC corps collected contributions from the crowd. The level of participation was excellent by those in attendance, but the total amount of money needed to carry this effort is staggering.

If you, your civic club or friends and neighbors are interested in the future of intercollegiate athletics and want a method to help this important campaign, The Minnesota Alumni News has included a pre-addressed envelope in this issue for the "Fairness Fund." We look forward to a high participation response — with every contribution being important, regardless of its size.

Following the ovation from the stands for President Magrath's address on that memorable Saturday, the Minnesota Marching Band concluded their half-time show with the "Alma Mater." A chill went up the back of this writer as he listened to one of the most beautiful anthems sung with commitment by thousands of Minnesotans in the stadium that day.

Hail, Minnesota! — VB

Magrath was sharply critical of NCAA procedures: "NCAA enforcement procedures resemble a Rube Goldberg contraption gone mad. There is little that is fair about them, there is little that is rational about them, and, in truth, there is probably little that is effective about them," he said.

"We are convinced that we are following the rules and those rules provide for opportunities for a hearing," he said. "The NCAA tells us we may hold due process hearings but they (also) make it unmistakably clear that if such hearings do not lead to the desired results — as pre-ordained by the NCAA — then we are in contempt of NCAA rules and regulations.

"Due process hearings under these kinds of circumstances are nothing short of a sham, both for the students and the universities they attend," Magrath said.

He noted that the University could have decided, as many institutions have done, to go along with the NCAA desires and find itself in court against the basketball players (Thompson, Winey and Saunders) who would sue for due process.

The University is not protesting the two-year penalty and three-year probation imposed against its basketball team last year. Rather, the University's action evolves around the due process issue and an effort to prove that it has complied with the rules and that the NCAA is actually violating its own rules in this latest sanction, according to the University president.

The charges against the institution "seem in no way commensurate with the penalty levied by the NCAA," Magrath said.

The charges which involve Thompson and Winey came to light when the student-athletes told University investigators about actions which they did not realize were violations. Their actions did not involve alleged rules infractions that had been uncovered by the NCAA.

Saunders's infractions were known to the NCAA. He had been very cooperative with the investigators and reportedly said that they promised him immunity from penalties because of his help.

In early 1974 Flip Saunders accompanied then-assistant basketball coach Kevin Wilson to an office in the IDS Center to assist in making recruiting calls. The office had been loaned to the University's athletic department. And Wilson was using a popular recruiting method that asks a team member's parents to talk to a potential recruit's parents and to answer any questions they might have about the University and its athletic program. Wilson called Saunders's parents to solicit their help and Saunders also talked to them at that time.

In the summer Saunders borrowed Wilson's mother-in-law's car to visit Coach Bill Musselman's summer basketball camp in St. Peter, Minnesota. Though the mother-in-law had been a close friend of Saunders's family since Flip was a youngster, the NCAA would later refer to her as a representative of the University's athletic interests because she was related to a coach. Saunders stayed overnight at the St. Peter camp after playing a pickup game that ended at 1 a.m.

The NCAA asked that Thompson be declared ineligible for selling his two complimentary season tickets (valued at \$39 each) for \$180. In late 1974, an eager Gopher booster approached Thompson in the locker room and offered to buy his tickets. Thompson later said that he asked for \$180 — "that price sounded good" — for the tickets, and that the man delivered the money to him.

A number of other players on the University's basketball squad also sold their tickets. But all of them have since left the team except for Dave Winey, who sold his tickets for face value. The NCAA wants Winey declared ineligible, but not because he sold his tickets.

A few days before December 25, 1974, Winey was asked by the Gopher coaching staff if he would like to spend the Christmas holidays at the home of Paul Johnson, a member of a Gopher boosters club. Winey, who is from New Hampshire, was a freshman at the time and lived in a dormitory. He accepted the invitation and spent Christmas at Johnson's Wisconsin cabin. Johnson's family corresponded with Winey during the ensuing winter and spring, and, consequently, invited him to

spend the 1975 Memorial Day weekend canoeing with them at their cabin.

"Each of these instances under question — instances that the NCAA is describing as violations — was either arranged, or occurred under the auspices, of two members of the coaching staff, neither of whom is any longer with the University of Minnesota," Magrath said during the October press conference.

"Our student-athletes naturally looked to the coaching staff for guidance. To say now that they should have known better than their coaches as to what was, and what was not, acceptable behavior seems enormously unfair," he said.

Fairness Fund established to finance fight for due process

To date the University has raised in excess of \$30,000 for its "Fairness Fund," a fund drive established by the University on the same day it announced the current NCAA sanctions. The money that is raised will be used to offset the tremendous costs of this major legal battle, estimated to cost a minimum of \$75,000, that the University is undertaking to uphold due process.

Thus far money has come from private contributions, through fund-raising dances and luncheons, or by passing the hat during the halftimes of home football games.

NCAA announces Gopher basketball infractions in 1975

The University's confrontation with the NCAA, culminating in the recent announcement of indefinite probation, began officially in the summer of 1975 when the University received a 68-page letter from the NCAA alleging 98 specific violations involving nearly the same number of individuals who had been or were associated with its basketball program. (Another infraction involved the hockey program and a minor bookkeeping error that has since been corrected.)

Immediately after this NCAA announcement, the University hired two attorneys to conduct its own thorough investigation of the allegations and spent more than \$30,000 compiling a special 400-page report that University representatives would discuss with the NCAA infractions committee. (The University's investigation was undertaken often without benefit of evidence the NCAA had previously assembled, according to Magrath.)

Soon after the mid-1975 NCAA disclosures, head basketball coach Bill Musselman left Minnesota to coach profession-

ally, taking his freshman star Mark Olberding with him, while players Mark Landsberger and Chad Nelson transferred to other schools.

By early December the University's investigators found "full or partial substantiation" for 72 of the NCAA allegations of inappropriate behavior in the basketball program, and an additional 56 infractions, most of which were minor, that had not been listed in the NCAA letter.

The ACIA, acting according to its institutional responsibility, then prepared a report on the University's investigation and submitted it to the NCAA committee on infractions on December 18. In that report, this campus body which oversees intercollegiate athletics, recommended that Thompson and Winey not be punished for selling their tickets, but that the University should assume the blame since those who represented the institution to the players did not make it clear that rules were being violated. The report did not mention Winey's

visits with the Johnson family nor Saunder's alleged infractions.

All three of the players were told by University representatives that they probably would not be declared ineligible and consequently should not seek counsel nor ask for a hearing.

However, in mid-January 1976, the University had to tell Thompson and Winey that NCAA pressure would cause the ACIA to declare them ineligible. Since Winey had sold his tickets for face value, and had only violated Big Ten rules, the NCAA let the matter drop and within a week Big Ten faculty representatives cleared Winey of any penalties that the Big Ten might assess.

Since Thompson had profited from his ticket sales, he was prohibited from playing in the January 17 Gopher game with Northwestern while he joined Minnesota's athletic director, Paul Giel, and Big Ten faculty representative, Merle Loken, to appeal his ineligibility decision before the

Association contributes \$7500 to University's "Fairness Fund"

On October 26 the executive committee of the Minnesota Alumni Association voted to contribute \$7500 to the University's "Fairness Fund."

Tom Swain, national president of the Association, said that the Association firmly supports University president C. Peter Magrath's decision to challenge the NCAA action placing the entire University men's intercollegiate athletic program on indefinite probation.

Swain said the two members of the Association who served on the University's Assembly committee on Intercollegiate Athletics participated in the investigation of NCAA allegations during the past year and a half. (These are current executive committee members Ronald Simon, treasurer, and Tom Swain, national president.) He said the investigation was intensive and impartial and led eventually to University-imposed sanctions on its basketball program.

Swain said, "Properly and fairly

administered intercollegiate athletics has its place on our University campus. Cheating and breaking the rules cannot be condoned. Mistakes of the basketball program in the past were regrettable, but we're confident that procedures have been instituted which ensure no repetition.

"The University did everything that could reasonably be expected in abiding by NCAA procedures and protecting the rights of all student athletes. But the NCAA in its latest action, which smacks of vindictiveness, levied an unfair and unjust penalty against the institution which no reasonable person can countenance.

"I regret this affair has reached a stage of public confrontation. But I am convinced the University had no other course of action. Minnesota has a tradition of fairness whether it involves student athletes or anyone else. We must maintain this tradition, and I urge all alumni of the University of Minnesota to support their alma mater in this critical test," Swain said.

NCAA committee on infractions on January 18. Thompson lost his appeal and the NCAA asked that he be declared ineligible for the remainder of the season.

That same day Thompson's attorney secured a temporary restraining order from Hennepin County federal district court which allowed Thompson to play at least until January 28 when a court hearing would determine his eligibility. The district court ruled on that date that the University had failed to grant Thompson due process, and until the University held such a hearing, Thompson should be able to play.

On February 26 the University announced that Thompson's campus hearing was scheduled for March 11 (five days after the last game of the Gopher basketball season).

When the NCAA revealed on March 3 that it also planned to punish Winey and Saunders for violations cited earlier in this article, the University scheduled due process hearings for Saunders on March 9 and for Winey on March 18. All three of the players' hearings were conducted by the Campus Committee on Student Behavior (CCSB).

Meanwhile, on March 10, the University administration informed the media that the NCAA had placed the Gopher basketball team on a three-year probation and had restricted its activities for two of those three years: Gopher intercollegiate basketball teams could not play in any post-season games for a two-year period, beginning March 4, 1976, the date on which President Magrath had notified the NCAA that the University would not appeal the penalties affecting its basketball program; that during these two years the Gophers would not be allowed to participate in any televised games under NCAA-control and that they would lose three basketball scholarships, reducing the number to three that could be awarded each year. The University also severed its relationships with six members of the Twin Cities community who were boosters of its athletic programs, had its participation in the 1972 NCAA Midwest Regional tournament erased from recordbooks, and had to return its third place award and the \$21,488 it received for its participation in the tournament.

The University was publicly lauded by the NCAA for its far-reaching investigation and exemplary cooperation. It had been criticized by the media throughout its investigation for refusing to reveal the specifics of the allegations the NCAA had discovered and the personalities involved. The University feared it would impugn civil liberties by naming names without substantial evidence of infractions and without proper court hearings. The NCAA forbids its members institutions' disclosure of rules

infractions, suggesting that further harsh penalties might be incurred. However, the University promised the community it would reveal rules infractions and personalities involved that its own investigation substantiated. This it did when announcing a summary of its investigations on March 10 — leaving itself open to additional penalties from the NCAA and/or lawsuits from persons so named.

Since individual sanctions are formally imposed by the University, with the NCAA acting as an appeal body, the campus disciplinary hearings for Saunders, Thompson and Winey went forward.

Following these hearings, CCSB reported in mid-April to the ACIA on the evidence it had gathered. The CCSB report said that the three players' violations did not warrant ineligibility, if indeed they were violations of the NCAA's complex and difficult-to-interpret rules (the rule involving Thompson's ticket sale was not officially a rule until nearly a year after he had sold the tickets, and the rule affecting Winey's visits to the Johnsons has since been overturned).

The ACIA held another hearing in early May for all three of the players, reiterating the testimony of the CCSB hearings. The following day, on May 5, the ACIA announced that it saw "no basis whatsoever for declaring the student-athletes ineligible."

The ACIA is the only body authorized to make decisions regarding ineligibility. The NCAA can only pressure an institution to do what the NCAA wishes under the threat of major penalties.

The NCAA scheduled a meeting on August 21 to discuss the University's decision and to allow University representatives to explain their position and to present the ACIA report.

The NCAA's response to this meeting and the ACIA's sustained decision not to declare the three student-athletes ineligible is the indefinite probation that has been given the institution and its subsequent legal action against the NCAA.

Though NCAA pressure initially caused the ACIA to declare Thompson ineligible, the ACIA overturned that ruling after the 1976 campus hearings, and, in effect, has refused to entrust the NCAA with the fates of Winey and Saunders — protecting their and Thompson's due process rights.

In his October press conference, President Magrath emphasized that the University is not going into court with the NCAA "to litigate ourselves out of the sanctions placed on our basketball program last March. As I said at that time, and as I still believe, those sanctions were totally justified, considering the number and nature of violations committed in our basketball program while it was under the leadership

of a coach who is no longer in our employ.

"We have *not* gone to court in order to advance the position that 'anything goes' in college athletics. Rules are necessary, but they must be clear and just. Our commitment to adhere to these kinds of rules must be strict.

"And we have *not* gone to court to assure ourselves of a winning basketball team this coming season. While we all enjoy winning, our only motive is to assure that fundamental rights such as due process and fair play are preserved, and that over 600 students involved in our men's intercollegiate athletic program not be victimized by the capriciousness of the NCAA," he said.

"I am also conscious of the fact that a university president has many other obligations in addition to intercollegiate athletics," Magrath concluded. "We must never forget that the University of Minnesota exists primarily because of its academic activities.

"But I also believe that, in all of our activities, we must be *actively* concerned with precepts of due process and fair play, because they are fundamental values that must be maintained in our society. I believe, in short, that in challenging the NCAA's extraordinary punishment of all our men's intercollegiate athletic programs, and their indifference to due process rights of three of our students, we are fulfilling our educational and moral responsibility."

As the Minnesota Alumni News goes to press, the men's intercollegiate hockey program is once again being directly scrutinized by the NCAA. Coach Herb Brooks appeared before the NCAA infractions committee this month to answer charges that he was responsible for a fight involving members of the Gopher and Boston University teams during that NCAA championship playoffs in early 1976 that lead to the expulsion of key Boston University and Gopher players. (Minnesota went on to win the NCAA hockey championship). The outcome of that hearing is to be announced shortly.

—mla

alumni news

UNIVERSITY OF MINNESOTA

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science research and the monies which are given to such institutions as the Smithsonian, the Populations Council (John D. Rockefeller III's organization and the first in the U.S. to work in the field) and the Rand Corporation of California which conducts research in Malaysia.

A third goal, according to Backlund, is legal codification and reform: at Tufts University Dr. Luke Lee is conducting a project on law and population; the Plato project sponsored by the agency encompasses an electronic mini-computer that projects future population growth, tariff barriers, age of marriage, abortions, sterilizations, student population, construction of schools and hospitals and other information which is essential to family planning efforts. Biomedical research is also a part of this goal.

Among the nonprofit agencies working on family planning are the International Planned Parenthood Federation, Pathfinder, Church World Service, the Association for Voluntary Sterilization which works in Latin America, the American Public Health Association, Massachusetts Institute of Technology and the Center for Disease Control located in Atlanta, Georgia.

Another of this AID agency's goals involves commodities and commercial distribution, Backlund said. Westinghouse handles the bids that come from several countries with governments wanting to subsidize the birth control devices that are sold through retailers. The prices are subsequently low in these countries. Condoms can be sold for two cents each. Population Services Institute in Chapel Hill, N.C., markets the contraceptives.

Backlund said that because of the work of his agency, the United States government has become the largest single buyer of birth control pills in the world.

The Office of Population also supports educational efforts, funding the East-West Center, Don Bogue in Chicago and his work on strengthening population communication, the World Education Institute and the American Home Economics Association.

In Africa, the International Confederation of Midwives is expanding its midwife promotion because of AID

support; and the World Assembly of Youth in Brussels is able to work with 4-H Club members.

Finally, this agency trains individuals for work in population control: John Hopkins is training doctors in advanced technology fertility clinics, Downstate Medical College in New York prepares nurse/midwives, the Frontier Nursing Service also trains nurses and there is a new program underway to develop the logistics and management necessary to an intern

policy in neighboring Nepal, it is hoped family planning will improve.

AID has achieved excellent results in population control in Thailand and in Pakistan has aligned itself with an economic project that appears to be the impetus for a population program.

Backlund told the following story about Indonesia: the distribution of contraceptives to the villages there has been very successful. In one of these villages a list of the women inhabitants is posted and a bell is run when birth

Ravenholt believes that "Fifth Tier Technology" will develop a birth control substance that will produce "a quantum increase in the speed and effectiveness with which family planning could be extended around the globe."

program for lesser developed countries.

The

tables which Backlund used to illustrate his remarks indicated bilateral projects, country by country, where pills and condoms are being supplied and where American universities are carrying out research simultaneously. For instance, in Ghana, the University of California-Los Angeles works with the Danfa Rural Health Family Planning program in a small center that involves 40,000 people in an experiment on health, nutrition and family planning.

In Tanzania there is a training center in a regional hospital where nurses and doctors are educated and then sent out to work in 18 provinces of the country.

AID projects in Latin America have produced a definite decrease in birth rates in Costa Rica, El Salvador, Jamaica and Colombia.

Backlund said that the contraceptives which AID sends to Bangladesh are sold commercially and that the program there "is in a real mess." With the advent of a new program and

control pills are to be taken. If a woman fails to respond to the call, she is noted on the list and contacted immediately.

While

Backlund checks on demography and economic analysis, population policies development, family planning services and information, education, communications, manpower and the various AID missions, Dr. J. Joseph Speidel, who joined the Office of Population in 1970, heads the research division.

Speidel belongs to a University of Minnesota family. His father was Thomas D. Speidel of the Dental School. His mother, Edna, recently retired from research work in the University's Anatomy department. T. Michael Speidel, a brother, received his master's in dentistry from Minnesota in 1967, and Joseph spent the summer of 1960 at the University working in biomedical research in steroid metabolism.

His responsibilities with the Office of Population include biomedical research or technology, and operational research or delivery systems. No basic research is done by his division. Work on steroidal contraceptives (the pill),



A WORLD MAP showing the number of programs across the continents in which AID's Office of Population is involved emphasizes the importance of this agency's efforts for all peoples of the world.

intrauterine devices, prostaglandins special medical kits, aerosol foam and the like is done by pharmaceutical companies and universities. Experimental surgical procedures involving birth control have been perfected in the nation's medical schools, including the so-called band aid surgery for the sterilization of women, which process has proven effective.

According to Speidel, research is being conducted at this time in sterilization technology, in once-a-month birth control, in demography and social work, and in household delivery and field service for his agency. A reversible male sterilization technology is also being researched.

Work on prostaglandin, a birth control drug that might be an important part of the world population control programs, is being done mainly at Upjohn. Prostaglandin was first tested by Dr. S.M.M. Karim at Makere Univer-

sity Hospital in Uganada in 1970 when it was used in a vaginal suppository that was self-administered to induce menstruation.

Speidel and Ravenholt had suggested the experiment. When it proved successful, Ravenholt was convinced that here was the control which met his 1968 definition of "a nontoxic and completely effective substance or method which, when self-administered on a single occasion, would ensure the non-pregnant state at the completion of the monthly cycle."

One would believe that such a method of birth control would make

other methods obsolete. Its delivery to the remote villages of the world should be perfected by the time the suppository would become available. And Ravenholt, Backlund and Speidel all agree that peer pressure would assure its use.

These three men have joined economists, sociologists, agriculturists and family-planning advocates in the race against time with population control. Their optimism and the success of their agency's recent programs bodes well for the nation and the world.

The research and interviews for this article were done for the most part in Washington, D.C., by free lancer Wilma Smith Leland.

GOPHER TALES

Editor's Note: The Alumni News' regular columnist, Dave Shama, was not able to prepare a column for this issue because of a death in his family. In its stead, we are presenting a capsule report of the Gopher football team's 1976 games to date.

As The Alumni News goes to press, the 1976 Football Gophers head into the last three games on their 1976 schedule, away on November 6 at Northwestern, at home for the last Memorial Stadium confrontation of the season on November 13 with the Ohio State Buckeyes, and away for the season's finale with Wisconsin on November 20.

Despite a 5-3-0 overall record (3-2-0 in Big Ten play), the Gophers remain optimistic about winning their last three games and perhaps receiving a bowl bid.

The 1976 squad's September games were all victories for the young team as they drubbed Indiana in the opener 32 to 13, and were victorious over non-conference opponents Washington State 28 to 14 and Western Michigan 21 to 10.

Head coach Cal Stoll said that the Gopher squad showed "improvement" in their win over Washington State, using a powerful ground attack and stingy defense to contain the Cougars.

The Gophers played well enough to win, but without enthusiasm in beating Western Michigan by 11 points. Although senior quarterback Tony Dungy did not have his usual brilliant game, according to Stoll, "he never panicked (and) engineered both (winning) drives."

During October, the Gophers won two and lost three Big Ten confrontations:

Minnesota 7, Washington 38. "Mistakes, fumbles, penalties, more injuries . . . all of these hurt against Washington," Stoll said. "But Washington tackled and blocked harder, so they won. Washington was the strongest were we were the weakest . . . their inside power of-

fense against our injury-riddled defensive interior — that really spelled the difference.

"It was one of those days we dread," Stoll said, "a day when nothing goes right. The ball never seemed to bounce in our direction and we just couldn't get it together."

The Gophers were without the services of first-stringers Bubby Holmes, senior tailback, Mike Jones, senior wide receiver, George Washington, defensive lineman, and his backup at nose guard, Steve Cunningham.

Minnesota 29, Illinois 14. More than 52,000 fans jammed Memorial Stadium on Homecoming Saturday to watch the Gophers stop an early Illini drive on 4th and one at the Gopher one-yard line and completely dominate the game from that point on. Led by the passing and running of senior quarterback Dungy, plus the power drives of senior fullback Jim Perkins, Minnesota's "designated scorer" who scored three times, and a rejuvenated interior defense, Minnesota closed out much of the Illini attack by building a 29-0 lead until early in the final quar-



SENIOR WIDE RECEIVER Ron Kullas holds the ball high as he races into the end zone.

ter. Illinois pushed over two late scores after the outcome had been decided.

The Gophers "were keyed awfully high for the game and turned in an almost flawless performance the first three quarters," according to Stoll. "It was strictly a team victory for us."

Minnesota 14, Michigan State 10. The Gophers were 5-1 on the season and 3-0 in Big Ten play with their win at Michigan State. This marked the first time since 1967 that a Minnesota team had won all but one of its first six outings.

There were numerous heroes in the win over State, but the names of Dungy, tailback Kent Kitzmann, wide receiver Mike Jones, linebacker Steve Stewart and the entire Gopher secondary were heard most. The Gopher secondary limited the Big Ten's leading passer, Spartan quarterback Ed Smith, to just 96 yards gained on 11 completions in 19 attempts. Stewart grabbed one interception that set up the winning Gopher score and he and his teammates knocked down several other Spartan passes. Although State was successful on the ground, when the Gopher defense needed a big play, someone always came through.

Dungy led the Gopher attack completing 9 of 15 passes for 162 yards. Wide receiver Ron Kullas caught five throws and Jones, seeing his first extended duty of the season, grabbed 4 for 101 yards. His brilliant catch of a 49-yard pass from Dungy set up Minnesota's first score on the Spartan four-yard line. "Designated scorer" Perkins banged in both TD's, giving him nine for the season. Kitzmann again broke the 100-yard barrier as he rushed for 112 yards in 18 carries.

Minnesota 12, Iowa 22. The Gophers were riddled with injuries to key players during their game with the Hawkeyes, which many felt contributed to the upset loss. "We ran out of people and emotion at the same time," coach Stoll said. "We became physically and emotionally bankrupt."

"Iowa showed us why they are a vastly improved football team. The took it to us with an extremely strong performance in the second half when our players went down. We had our chances early, but couldn't capitalize. This Minnesota team is a squad that must play healthy and with great emotion. When that many regulars go out

(Turn to page 31)



EDITOR'S NOTE: *The Alumni News would like to thank Laurence W. Magrath, father of University President C. Peter Magrath, for his kind assistance in verifying the factual information about his family that appears in the 1976 November column by Sandra Magrath.*

The trees on the Mississippi River banks have turned to red and yellow, and a crisp, cold night wind blows up the driveway at Eastcliff. The early days of fall mean many things to us. People on academic schedules celebrate the "new year" with the opening day of the fall quarter. It is the new term with its new students, its new faculty and its new football season.

How does football affect the life of university presidents? Well, to begin with, sometimes a school's winning or losing football team, in some peoples' minds (certainly not in Minnesota!), reflects on the very reputation of the institution. Here at the University of Minnesota the football team has won glory for the University and suffered defeat; thus we, as well as many faculty, staff and students, and friends around the state, look upon a bright Saturday afternoon of a home game as an opportunity to enjoy the spectacle and skill of the game and the half-time band show, to share the wild exuberance of the crowd and to gather with friends before, during and after the game for social events.

Before every home game we, with the help of Russell Tall, director of University Relations, and Claudia Wallace, special events coordinator, and her staff, hold a social hour followed by a brunch in the Unit A building of the Health Sciences complex across from the stadium. We copied the idea from the people at the University of Nebraska, where we spent four years of football Saturdays, and it seems to be quite well received here in Minnesota, we have found. There are usually 50 to 60 people, and they are legislators, business people, service organization

people, media people or provosts from the coordinate campuses. Several members of the Board of Regents and the vice presidents act as hosts at various tables.

Our guests, we feel, are friends of the University, and a day at a game is a simple, and quite welcome, way of recognizing their interest. After the meal Peter greets the group, and introductions are made around the tables. Then, it's off to the game. The one thing we cannot guarantee, of course, is a winning score, but we always know Cal Stoll and his football squads will give us the best game they can play, and that's quite good enough.

An interesting football sidelight goes with being "Mr. and Mrs. University of Minnesota": we occasionally represent this University when the football team plays away at other universities. Furthermore, other university presidents do the same. On September 10 president and Mrs. John Ryan came to visit us from the University of Indiana for the weekend of the Minnesota-Indiana game. Dressed in their Indiana red clothes and fully aware that the Indiana team was the underdog, they sat beside us smiling bravely, trying to give a small cheer, a clap or words of encouragement, despite the fact that their team was going down in defeat amid howling, cheering Minnesota fans. They were good natured and good sports, but how forlorn it is to sit among the "enemy" and be "beaten."

On October 2 it was *our* turn to sit and be inwardly miserable and outwardly good sports. We sat in our maroon and gold clothes beside President John Hogness of the University of Washington in Seattle, watching the Minnesota football team go to a deadly defeat. The urge to crawl under the seats and disappear was very strong. We too smiled bravely, admitted that "Washington was certainly up for the game," and were very glad to be on our way home afterward. It's true it's only a game, but, frankly, no one wants his/her team to lose.

What are the ingredients that make up a university president?

Notes from East- cliff...

By Sandra Magrath



Most of us in academia could answer right away: a college degree at the PhD level, some teaching as a professor, gradual experience through the several ranks of university administration and a demonstrated ability for leadership, decision making and the handling of people. How well a man succeeds as a president is a different matter — a question that is answered by the judgment of many through a length of time and after the outcome of various events.

But does the family background of a man color his behavior, his judgment, his success? It gives him his genes, perhaps, but does it make him the man he is? For instance, if I told you a man I know is blond, is a baker of strudels, is 6'6" tall, and is born of an Italian family, would you feel something was wrong? You might have guessed he was a German or a Swede in background. We do have stereotypes about people; we expect certain results from certain family traits. Thus, if I told you my husband Peter Magrath, a university president, was a "walking UN" (in nationalities, that is), what would you expect? Let me tell you his story.

In 1857 there was a John Magrath (pronounced like "aha" with no "th" sound at all), a New York Irishman married to Caroline Birch, born in Quebec, Canada. They had two sons, Alfred and George (the latter born that year), and this is the story of George Magrath. I know little about John Magrath, except that he was a church organist in Manhattan and Brooklyn and a pianist and that very early in George's life John taught him to play the piano. He discovered to his delight that the boy was a child prodigy, for he willingly spent long hours at the piano, perhaps to the detriment of his education. The family story is that at the age of 12, aware that he was missing something other children had, young George presented himself at a nearby schoolhouse and said to the teacher, "I want to go to school."

By the early 1880's, as a very young man, George had received a four-year musical education in Stuttgart, Germany, and had spent

two years giving many well-acclaimed concerts in Europe. He was introduced to Anton Rubenstein, Clara Schumann and Franz Liszt, all of whom recognized his talent. In the late 1880's he taught piano classes and gave choral instruction at the Cincinnati School of Music, run by Bertha and Wanda Baur. Beside teaching he also gave piano concerts within Ohio and in the surrounding states with excellent reviews of his performances. (We have wondered if he ever played in the TwinCities.) In recent years a book was published giving the story of Bertha Baur and her school. It tells of George Magrath and, further, implies that he fell in love with Bertha and that she probably refused him for the sake of her career as head of the school. The story continues, though, that she ever after wore a locket with his picture in it.

Whatever the real story might be, George Magrath left Cincinnati and the United States — never to return — and went back to Europe to study and to further his musical career, especially in Paris and Vienna. In the latter city he studied piano with the well-known teacher, Theodor Leschetizky. He gave many concerts, again receiving good reviews in the press. Around the age of 40 he settled in London. He had meanwhile married a young lady from Austria, Albina Rosa von Borkowska, the daughter of a Viennese architect. Von Borkowski, her father, had been an opera singer as a young man and was of Polish ancestry, the family having received an Austrian knighthood sometime in its history. (A distant relative recently told us the story: A soldier named Borkowski had been captured along with his king in a battle. The two were shackled together with an unbreakable chain, and, in order to free the king, Borkowski cut off his own leg. Later

the king, in recognition of such a sacrifice, awarded the soldier a knighthood. It may be untrue, but it certainly is a romantic tale.) The young opera singer was told by his parents he could sing if he wanted, but only if he also learned a "proper" profession, and he chose architecture.

In 1898 George and Albina had an only child, named for the St. Lawrence River in honor of the Quebec grandmother, Laurence (they preferred this spelling) Wilfrid Magrath. He was taught to play the piano like his father and gave occasional concerts with him on two pianos when a teen-aged boy. His father also taught him to speak French and German and he thus spoke three languages in his home. Educated at a fine, old English public school, Merchant Taylors, with a four-year scholarship, he planned to attend Oxford University. However, he was too young (aged 17) to enter at the time (1916). Instead, feeling a patriotic urge, he went into the British army near the end of World War I as a very young officer and served in France.

Upon returning to London after the war, he worked for a while, but because of unsettled postwar economic conditions, he was let go and then went to the Port of Aden in Yemen (southwest Arabia) as an employee of a French trading company that dealt internationally in hides, skins, sheetings and general merchandise. There he quickly had to learn to speak colloquial Arabic and was then sent to a branch of the company in Mogadiscio in Somalia (then Italian Somaliland). He was introduced to a chief Italian governing official, Director of Economic and Financial Affairs Pietro Dentice, and his family. When they learned of his musical ability, he was asked to give informal piano lessons to one of the Dentice daughters, Giulia. She was a small young lady with green eyes and red-gold hair, who spoke in French to Laurence, for she spoke no English, and he spoke French but no Italian. Born in Rome, Giulia had left



there at the age of six with her five brothers and sisters to follow their lawyer/diplomat father to Italian Somaliland in the early 1900's. When her father was reassigned temporarily for a few years as a diplomat in Turkey, she finished her education at the French Convent School of Nôtre Dame de Sion in Smyrna (now Izmir).

Each session of the piano lessons was supposed to be "chaperoned" in correct fashion by the presence of the youngest sister, Giovanna. Laurence found that Giulia had no great musical talent, but that hardly mattered, for the two young people had fallen in love. One day at the piano lesson young Giovanna, bored by her chaperone duty, had left the room. Laurence quietly told Giulia to start playing C major chords up and down the piano. "Keep going," he urged. While she "played," he told her he wanted to marry her. She agreed, and that very day he asked her father for permission to marry his daughter.

Her parents, not having an inkling of what had taken place, were dismayed. They did not want a young stranger about whom they knew little to take away their daughter. They pleaded with her to refuse him, while she in return (in classic fashion) locked herself in her bathroom for three days until they finally gave in. The young couple became engaged, and the young man of course became a loved member of the family.

Less than a month before the wedding, near disaster struck. Laurence, just returned from a trip to Aden and completely unaware of the situation, was informed by another employee that the trading firm for which he worked was crooked and had been falsifying returns to the Italian customs officials and smuggling out Italian currency. When Giulia's father confronted Laurence with firm evidence of the company's illegal acts, he asked Laurence what he would do. Laurence promptly resigned and gave up all his plans to go on a honeymoon to Nairobi. The wedding went on as planned, however. The day was even proclaimed a national holiday in Italian Somaliland. Laurence arranged to sail back to London with Giulia and started looking for a new place of employment.

Taking his red-haired bride to Antwerp, Belgium, Laurence began working for an American steamship company, later called the United States Lines. In 1926 the company transferred him to New York City, and Laurence and Giulia settled in Brooklyn, New York, to raise their family. Their first son was Adrian George, and the second, born seven years later in 1933, was Claude Peter. Being a steamship man and noting that ships have a system of nomenclature, Laurence named his "fleet" of sons for Roman emperors. When he was still quite young, Peter and his family decided not to use the first name Claude and he has been Peter ever since then. Like his father, Peter grew up in a multilingual home, speaking Italian with his mother and brother, English with his father, and hearing French spoken constantly between his parents. His brother left home for Dartmouth College and the United States Navy when Peter was only 10 years old. Then his father volunteered to be an officer in the United States Army during World

War II, again serving in France. Peter and his mother were alone for many months during the war years.

In 1946 after the war was over, Peter's father was assigned by the United States Maritime Commission to assist in the movement by ship of Displaced Persons (the unfortunate victims of World War II) out of Germany from the port of Bremerhaven to the United States. He was living in Frankfurt in occupied Germany and at the same time set about to re-establish the offices of his steamship company, the United States Lines. Peter and his mother went to join him in that year as one of the first families of Americans allowed into occupied Germany after the war. Peter remembers Frankfurt as a city of almost total devastation. At Frankfurt and Bremerhaven he attended high school at the United States Army Dependents High Schools, set up by the military forces for children of personnel. He graduated as salutatorian in a class of four boys and worked for the military Post-Exchange system for a year before going back to the United States to attend the University of New Hampshire in 1951.

Peter Magrath's journey from college graduate to university president is known by many. But the lesser known ingredients of his "makeup" consist of a multinational, multilingual family, of growing up in Brooklyn, New York, and of years spent living abroad. What a man learns from his upbringing can only be seen from what he does during his lifetime. Certainly, the advantages of a rich and varied background have only added to whatever basic aptitudes he had at birth. One thing I do know, however, is that, despite the musical abilities of his grandfather and his father, to this day Peter Magrath cannot sing or play one note of music!

Gopher Tales . . .

of a game play after play, well, it's hard for the remaining players to pick up the slack," Stoll said.

The fans hardly noticed that quarterback Dungy made 172 yards on total offense to break the mark of 4,117 set by Minnesota athletic director Paul Giel in 1951-52-53. Dungy had amassed 4,203 yards, the fifth highest total ever set in the Big Ten. He also set new records for most pass completions (227) and most passing yards (3,082).

Minnesota 0, Michigan 45. "An awesome team and one that richly deserves its number one rating," is what Gopher coach Still called the Michigan Wolverine team that systematically destroyed the young and injury-ridden Gophers in their first shutout loss of the season. The Gophers were not expected to win, though some local sportscasters nursed hopes of an upset before the start of the contest. Yet Gopher fans hardly expected their team to loose so badly — the offense was not able to cross midfield into Wolverine territory until late in the fourth quarter.



SENIOR QUARTERBACK Tony Dungy in action against a 1976 opponent in Memorial Stadium.

1976-77 Basketball / Go with the Gophers

THE DUNK IS BACK AND SO ARE THE GOPHERS

1976-77 Schedule 13 Home Games

Sat.,	Nov. 27	North Dakota St.
Mon.,	Dec. 6	Northern Mich.
Sat.,	Dec. 18	Vermont
Thu.,	Dec. 23	Kansas State
Sat.,	Jan. 8	Iowa
Sat.,	Jan. 22	Wisconsin
Mon.,	Jan. 24	Michigan State
Sat.,	Feb. 5	Northwestern
Mon.,	Feb. 7	Michigan
Thu.,	Feb. 10	Ohio State
Mon.,	Feb. 14	Indiana
Thu.,	Feb. 24	Purdue
Sat.,	Feb. 26	Illinois

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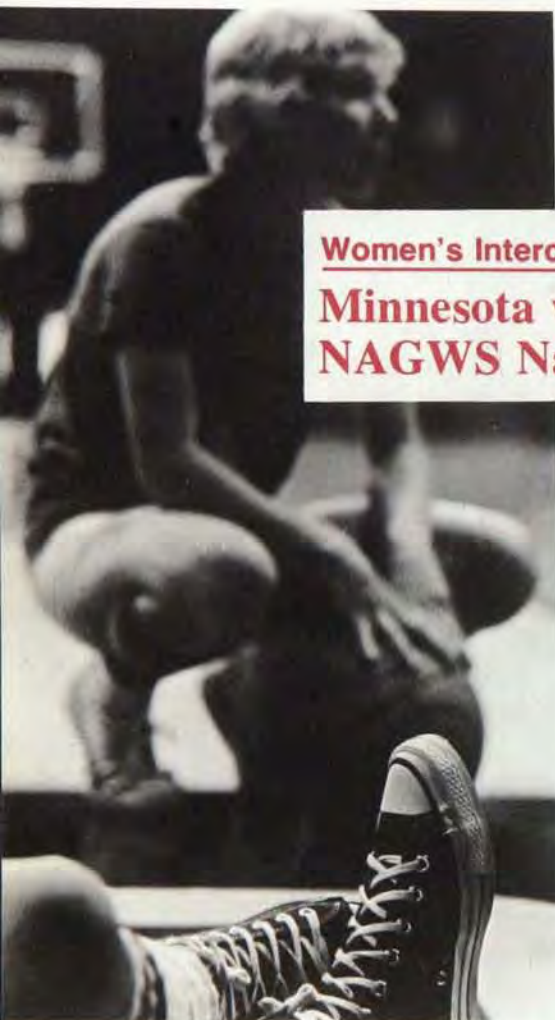
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Total Remittance Payable to University of Minnesota		\$

A monthly column on Women's Intercollegiates by Sports Information Director Dru Hancock

Women's Intercollegiates

Minnesota women stage successful NAGWS National Coaches Conference



Behind

every talented athlete there is usually a successful coach. Three of the most exceptional mentors in the country spent an October weekend on the University of Minnesota campus sharing their expertise with college and high school coaches from around the state and region.

The Women's Intercollegiate Athletic Department at the University of Minnesota hosted the National Coaches Conference, one of five clinics sponsored by the National Association for Girls & Women in Sport

(NAGWS) across the country. Volleyball, basketball and track & field were the three major sport areas covered at the Minnesota conference.

Basketball enthusiasts were treated to eight hours of instruction by Assistant Olympic Team Coach Sue Gunter. The personable Gunter, a native Texan and presently athletic director and roundball coach at Stephen F. Austin State University, attracted over 100 coaches to each of the basketball sessions, and no one left disappointed. Commenting on the conference Gunter said, "The biggest advantage to attending these clinics is the variety of ideas presented. As the high schools in this area continue to develop, this University could have the finest all-round program in the Big Ten."

Gunter hopes to return to Minnesota in March when the University of Minnesota hosts the AIAW National Basketball Championship. To achieve that, her Stephen F. Austin team must qualify through its region, a strong area for women's basketball which includes Wayland Baptist College and Baylor University.

Clinician Mary Jo Peppler drew 120 enthusiasts to each of the four sessions offered in volleyball. Now a player-coach in the International Volleyball Association (IVA), Peppler is best known as the winner of the 1975 Superstar competition. She is touted as the best woman volleyball player in the world.

Participants in the NAGWS conference saw Peppler from two perspec-

tives: as a coach offering pointers for teaching the game of volleyball, and as a player teamed with the University of Minnesota Coach Rosie Wegrich against a full squad of competitors. Peppler's playing abilities left the audience in awe.

Track & field mentor Roy Griak, who has coached five All-Americans at the University of Minnesota, spent the weekend dealing with all aspects of the sport, from conditioning to hurdling techniques. The coach of the U.S. Team which participated in the Pan American Games in 1975, Griak was enthusiastically accepted by the area coaches attending the sessions.

Through the sponsorship of national conferences, the NAGWS hopes to improve coaching for women athletes at all levels. From the reception and attendance at the Minneapolis clinic, it appears that the popularity of women's athletics is only beginning. The results of the conference were best summed up by clinician Sue Gunter, "We've made inroads now and we have a direction in which to go."

Women's Intercollegiates Event Schedule

Volleyball

Nov. 18-20 AIAW Region 6 Tournament
Dec. 9-11 AIAW National Tournament at University of Texas, Austin

Tennis

Nov. 26-27 Nielsen Open at Madison, Wisconsin

Field Hockey

Nov. 19-22 USFHA National Tournament at Philadelphia, Pennsylvania



UNIVERSITY OF MINNESOTA Women's Volleyball coach Rosie Wegrich was all smiles after the successful demonstration of a difficult volleyball sequence that included floor rolls and fingertip control of the ball.



ABOVE, Sue Gunter, head basketball coach of the Stephen F. Foster College (Nacogdoches, Texas) women's team and also that college's athletic director, lead a animated basketball clinic. Gunter coaches a team that has competed in the last three national basketball tournaments. She is also assistant coach for the U.S. Women's Olympic Basketball Team.

ROY GRIAK, head track coach at the University of Minnesota, headed a clinic on track & field. He has also coached Olympic, National Track & Field teams and the 1975 U.S. Pan American Team.



MARY JO PEPLER, considered to be the best volleyball player in the world, gave coaches attending the national conference at Minnesota pointers on her game. Pepler, the 1975 Women's Superstar Competition winner, is player-coach for the International Volleyball Association's professional Phoenix team.



Survey of Architecture And Social Thought

From the Greek and Roman Revival styles through Industrial Romanticism and Art Nouveau to the Functional, Emotional Structural and Jet Age Brutal styles, American architecture has paralleled the American consciousness. Ralph W. Hammett '19BS, Emeritus Professor of Architecture at the University of Michigan, traces his twin progression in *Architecture In The United States: A Survey Of Architectural Styles Since 1776* (John Wiley & Sons, \$20.00).

Hammett relates architectural styles to the economy, social structure and technology of their times. Within the aesthetic and philosophical constraints of their ages, however, he shows how architects have consistently pushed existing materials and technologies to their limits. Hundreds of outstanding buildings typifying each period are described in detail; more than 200 photographs augment these discussions.

Comprehensive and yet personally presented, the book is the outgrowth of Hammett's 45 years of teaching architectural history, his own active practice and his work on the Ann Arbor Historical Commission.

Hammett's MA in architecture is from Harvard. In 1970 he was made an honorary Doctor of Fine Arts by Carthage College.

A New Medical Text

Gilles de la Tourette's Syndrome International Registry, volume I, is edited by F. S. Abuzzahab, Sr., MD '68PhD and F.O. Anderson '73MD. The book is an attempt to describe the natural history of this disorder by obtaining follow-up information from different countries.

Data has been generated and analyzed for cross cultural factors which might contribute to the expression of some of the symptoms of this disorder.

A complete bibliography of 508 citations is included.

The book was published by the Mason Publishing Company of St. Paul and costs \$8.00 prepaid or \$9.50 through billing.

It is the first in a series from the International Registry of Gilles de la Tourette's Syndrome which was established at the University of Minnesota in 1969.

Cooking in Minnesota

Ever wonder what's *Cooking in Minnesota*? Wonder no more.

Cooking in Minnesota is a cookbook you'll treasure because each recipe is a special favorite and has been tested on real families by Minnesota home economists. It's a storehouse of ideas for preparing foods grown in Minnesota — wild rice, turkey, potatoes, garden vegetables, apples and others. The recipes emphasize Minnesota's culinary heritage for many of them are family heirlooms handed down from early Minnesota settlers and adapted to be just as tasty today.

Cooking in Minnesota is a general cookbook which includes family recipes as well as those for casual entertaining. Its 192 pages contain over 450 tested recipes. Its 6 x 9 inch size is designed for easy use with a spiral binding so it lies open and the book has a colorful sturdy cover to withstand kitchen spills and spatters.

Regional and heritage recipes are keyed with a silhouette map of Minnesota spotlighting them throughout the book. Illustrative sketches add charm to the cookbook's pages.



Minnesota is one of the few states where people can enjoy the great outdoors whether they live in the country or city. A recipe for Slow-Poke Eggs in the cookbook has an interesting story behind it which emphasizes this fact. Dorothy Breckenridge, whose husband is a nationally-known ornithologist, annually has a breakfast for friends the day that the woodducks (hatched in the woods near their suburban north Minneapolis home) come out of the nest to

find their way across the Breckenridge yard and down to the Mississippi River. The exact minute for this exciting duck excursion can't be predicted, so the recipe is one that will hold until the last little slow-poke finds his way to the river.

The personal lifestyles of families living in Minnesota can be seen in the recipes selected for printing in *Cooking in Minnesota*.

More than two and a half times the number needed were submitted by the Twin City Home Economists in Homemaking (HEIH) members who were responsible for the book and enthusiastically supportive of the venture, according to Betsy Norum, the book's co-editor. "Every recipe was tested by families of HEIH members to insure appeal for families or casual entertaining," she said.

Seeking a project that would assure funds for a continuing source of money for annual scholarships for students of Home Economics in Minnesota, the HEIH group, spirited by Elaine Christiansen, began to first explore the cookbook idea in 1972. By 1973 the commitment was made and the project was well under way.

"It was a major decision to print 10,000 copies, but we estimated sales approaching \$20,000 for scholarship investment," Mrs. Christiansen, who is the project chairperson, said.

The women realized their goal in the complete sell-out of the first 10,000 copies of the book. It is now in a second printing of 10,000 volumes.

Mary Ellen MacFarland, project treasurer, said that "financing was obtained through pre-publication sales, personal loans from members and through the Minnesota Home Economics Association and the Phi Upsilon Omicron alumni.

HEIH is a section of the American Economics Association. Over 130 members of the Twin City chapter are University of Minnesota graduates and were involved with the entire membership to make this cookbook project the success it has been.

Cooking in Minnesota sells for \$4.50, plus 50¢ for handling and postage. Books can be ordered through Betsy Norum, 1653 West 26th Street, Minneapolis, MN 55405 (make checks payable to *Cooking in Minnesota*).

Why Chimps Can Read

This book is really a matter of how they learn and what the ability and methods used to teach them can mean in teaching retarded human beings.

Published by Harper & Row (\$7.95), *Why Chimps Can Read* was written by Ann J. Premack who earned a bachelor of arts degree from Minnesota. Her book is a fascinating study of individual chimps, their trainers and the amazing results gained through patience, adaptability and persistence.

Premack worked with retarded children until she became involved in experimental work with chimpanzees, which is a part of her husband David's profession.

The reader not only learns about work presently being done, but also about that which has been done by researchers in American and Europe. Their failures to teach chimps some kind of communication akin to human vocalization has aided current experimentation.

Among those cited in this book is Wolfgang Kohler who worked with chimps in the Canary Islands prior to World War I. Nadezhda Kohts of the Darwinian Museum in Moscow compares Ioni, her chimp, with Rudy, her son, in their household, though the two were not living there simultaneously. Winthrop and Luella Kellogg did raise a chimp, Gua, and their son, Donald, at the same time. Keith and Cathy Hayes taught Vicki in their home. Jane Goodall has worked with chimps in the wild.

There was a breakthrough in communication when Allen and Beatrice Gardner were able to teach Washoe a sign language.

However, it was David Premack, the psychologist, working at the University of Pennsylvania, who abandoned the idea that "language needed to be based on phonology, on a system of sounds. He was convinced that such a language model presented a needless complexity for chimps, so he tried a new system, based not on sounds, but on colored visual shapes, too.

It is Sarah at the University of California, Santa Barbara, in 1967 who becomes the center of the narrative at this point.

Two graduate students were conducting research when Premack became an observer. As soon as Sarah accepted her, she became a co-worker, discussing progress and procedures with David as she found she might have discussed work with handicapped and retarded children. Sarah the chimp represented many of the same problems that

had been insurmountable with the children.

If you have worked with handicapped people, you probably know about the almost unbelievable experimental work with the chimps. If you know nothing about it, you will find Premack's book exciting, humorous, encouraging and not-to-be-put-down until finished. — WSL

A Guide For Viewing

This is the subtitle of *Art Magic, Impulse and Control* (Prentice-Hall, \$8.95) by William Bradley '68PhD. Bradley is associate professor of Art Education at Pennsylvania State University. Last May he was one of five American professors invited to present papers at the XXII World Congress of La Societe Internationale Pour L'Education Artistique, an affiliate of UNESCO, in Paris.

His book is an art text. Every layman who goes to museums will find it an excellent reference book. Besides discussing art as magic, as impulse and as control, he discusses historic and contemporary examples of what he means by the terms.

The section which is of particular value to the beginning art student and the layman is the material in the chapter "Materials, Tools and Processes." If you have never known about paints, paper and canvas used by early painters, here is a source. If you have looked at galleries of prints and etchings and have read the words "drypoint" or "aquatint" and have not known what they meant, you will learn the processes indicated by such terms.

The reading is easy and quick. Some notes to take with you on your next gallery visit would be helpful. You need not wait for a guide to explain how Picasso felt about his art or how gems were ground to make pigments for egg tempera paint.

Excellent pictures are visual documents for the text. Drawings of tools used for sculpture, wood carving, engravings, etching, lithographs and specific elements in architecture accompany the text.

The philosophy of artists like Picasso, Braque, Rodin, Brancusi, Giacometti, as well as Bradley's own remarks about artists conclude the book — WSL

Big Ten Football

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Sex After Sixty

tells you everything you may want to know about satisfying sexual urges once you arrive at Social Security age. Robert N. Butler, MD and Myrna I. Lewis, ACSW are the co-authors. The book is "A Guide for Men and Women in Their Later Years."

Published by Harper & Row (\$6.95), the book was inspired by many questions asked the authors in their work with psychotherapy groups. Dr. Butler is a gerontologist. Mrs. Lewis, who received her bachelor's degree at Minnesota, is a certified social worker whose private psychotherapy practice keeps her in touch with women and older people. They are also the co-authors of *Aging and Mental Health*, reviewed earlier in these columns.

Reading the book, one is reminded that younger people concerned about aging will find the prospect more optimistic than they might have anticipated.

Since many of the elderly of today are products of Victorian attitudes toward sex, the book will relieve guilt senses. It is a practical text, referring to malfunctions caused by illness, crippling, surgery and how to manage despite the problems.

The chapters on "People Without Partners," "Dating, Remarriage and Your Children" and "Do Yourself a Favor" make suggestions for fuller living as persons, not as old people whose lives are almost finished.

Book Named Best of 1975

A book by Reed G. Geiger '65PhD, associate professor of history at the University of Delaware, has been selected by *Choice Magazine* as an Outstanding Academic Book of 1975.

Geiger's book, *The Anzin Coal Co., 1800-1833: Big Business in the Early Stages of the French Industrial Revolution*, was published by the University of Delaware Press.

Choice is one of two major national magazines used by professional librarians to make selections for their libraries. Once a year, *Choice* aids librarians by citing those books reviewed in the previous year which the editors feel have outstanding value and which "should be considered for priority purchase by all academic and

Alfred O. C. Nier is second President's Seminar speaker

Dr. Alfred O. C. Nier, University of Minnesota Regents' Professor of Physics and leader of the Entry Science Team for the Viking Landings on Mars, will make a visual presentation at the second President's Seminar on Thursday, December 2. He will speak and show pictures of "The Viking Landings on Mars."

Nier heads the National Aeronautics & Space Administration's five-man team that is analyzing data sent back from the Viking I and II landings on the planet. His invention of the mass spectrometer has made possible measurements of the Martian atmosphere as part of the probe's efforts to determine whether life in some form exists on the Red Planet.

Nier was the first to isolate a sample of U-235 and for two years was involved with the Manhattan Project. He has been associated with the University for 46 years and holds bachelor's, master's and PhD degrees from the institution.

His presentation will be made in the Regents' Room of the Minnesota Alumni Club in



Alfred O. C. Nier

downtown Minneapolis. A 6:00 p.m. reception precedes the 6:30 p.m. dinner and 8:00 p.m. program.

The seminars are open to Alumni Club members and their guests. By special arrangement, Association members are also invited to attend.

Price for the seminar and dinner is \$6.75, plus tax and gratuity. For reservations, please call Club Manager Irene Kreidberg at (612) 376-3667.

Speakers for the remaining President's Seminars, to be held on Thursday, February 3 and May 5, will be announced in *The Alumni News* at a later date.

medium-sized and large public libraries."

Geiger's book describes how the leaders of the Anzin Co., the largest French mining firm of its day, overcame a series of handicaps to realize the opportunities created by the rising demand for coal. Because of Anzin's size and product, its history touched most key issues concerning economic growth and development during an age of transition.

Geiger, who also received his master's degree from Minnesota, joined the Delaware faculty in 1961 as an instructor. He became an assistant professor in 1964 and an associate professor in 1974.

Around & About

Institute of Technology

32 Thomas R. Moore '32BCivE has been elected vice president of International Operations for Graco Inc., Minneapolis. Since joining the firm in 1966 he has been responsible for sales in Latin America and the Far East and was named director of Regional International Operations in 1974.

33 Harry Heltzer '33BME, former chairman and chief executive officer of 3M, has been elected a director of DATA 100 Corporation, Minneapolis. A former president of the Minnesota Alumni Association, since his retirement from 3M in 1975, he has served as senior advisor to that company's executive committee.

35 Carl J. Pennig '35BEE, Akron, Ohio, has been honored by the United Way of Summit County, Ohio, for "outstanding community service." He received United Way's Distinguished Service Award, the highest honor a community can bestow on its citizens. Pennig is a senior executive at Goodyear Aerospace Corporation of Akron, where he has been employed for the past 39 years.

Lyle J. Scott '35BEE, Colts Neck, New Jersey, has retired from Bell Laboratories where he was head of the Local Switching Systems Engineering department at the company's Holmdel, New Jersey, location. He joined Bell Laboratories in New York City in 1936.

36 Edward P. Leach '36MinEng has retired as vice president-mining of Bethlehem Steel, Bethlehem, Pennsylvania. He joined the company's mining department in 1941 as a mining engineer and since 1941 has served in a variety of management positions.

40 Don Hermanson '40BChemEng, Pleasantville, New York, a chemical engineer and long-time executive with the Mobil Oil Corporation, is currently serving as chairman of the 32,000-member New York State Common Cause. He has been mayor and a village trustee in Pleasantville in recent years.

Quentin F. Soper '40BSChem has been promoted to research advisor at the Greenfield (Ind.) Laboratories of Eli Lilly and Company. He joined the pharmaceutical firm's Indianapolis, Indiana, headquarters as a senior organic chemist in 1944.

41 Gerhard M. Brauer '41BChem, Bethesda, Maryland, a research chemist in the Dental and Medical Materials section of the U.S. Department of Commerce's Institute of Materials Research, National Bureau of Standards, was the recipient of the Bureau's Gold Medal Award recently. The award is the department's highest employee honor and is presented for "rare and outstanding contributions to the public service, the Nation or humanity."

42 C. Sherman Grove, Jr. '42PhDChemEng, Free Union, Virginia, professor emeritus of engineering at Syracuse University, has been elected a Fellow of the American Institute of Chemical Engineers. His election recognized his broad-ranging work as an educator, practicing engineer, researcher and administrator, and his expertise in such areas as water and sewage treatment, inks, detergents and synthetic fibers.

Rodger F. Ringham '42BAeroE, vice president of engineering and product environmental quality for International Harvester, Chicago, has been ap-



Kirsch

Kirsch heads local Chartered Life group

Victor W. Kirsch '60BBA, Minneapolis, is currently serving as president of the Minneapolis chapter of Chartered Life Underwriters. This organization primarily fosters higher and continuing education of life underwriting so that the public may be better served.

Kirsch has been a representative of the Equitable Life Assurance Society of the United States for the past 17 years. He received his C.L.U. designation in 1963.

pointed to the Federal Energy Administration's Transportation Advisory committee. Before joining International Harvester six years ago, he served as vice president of Vought Aeronautics division of LTV Aerospace Corporation.

43 William J. Bailey '43BChem, research professor of chemistry at the University of Maryland and recent past president of the American Chemical Society, is the 1977 winner of the society's \$2,000 Award in Polymer Chemistry, sponsored by the Witco Chemical Corporation Foundation. A leader in polymer research for 30 years, he had introduced several new polymers of theoretical and practical importance, most recently the first biodegradable polyamide polymers, among which is a nitrogen-releasing soil conditioner. A director and past president of the American Chemical Society, he has been a U.S. representative to the Macromolecular division of the International Union of Pure and Applied Chemistry and chairman of the National Research Council committee on macromolecules.

Agriculture

59 Ray Lunemann '59BSAg, Minneapolis, recently became production administrator for Supersweet Feeds, a part of International Multifoods' agricultural products division. He previously had been district production manager at the company's New Hampton, Iowa, feed mill.

61 Don Beise '61BSAg has been named Southeast Regional sales manager for the Agricultural division of Ciba-Geigy Corporation, located in Greensboro, North Carolina. He joined Ciba-Geigy in 1964 as a field sales representative. Previously he had been a salesman for Armour Agricultural Chemical Company in Belmont, Iowa.

Virgil O. Wendt '61BSAg has been elected vice president-international of Velsicol Chemical Corporation, Chicago. He joined the company as a sales trainee in 1961 and has since held various positions, including those of product manager for the agricultural division, manager of pesticide sales and director of Asia/Canada.

Health Sciences

60 Harry H. Hovey '60MPH, North Greenbush, New York, has been promoted to director of the Division of Air Resources of New York State's Department of Environmental Conservation. He has been acting director of the division since April and its associate director for nine years. He entered state service in 1958 as a senior sanitary engineer with the Department of Health.

66 David W. Patton '66MHA, executive director of St. Luke's Hospital in Aberdeen, South Carolina, is a member of the Council of Regents of the American College of Hospital Administrators. He is serving a three-year term, representing South Carolina for this professional society. He has worked as an administrative assistant at Maricopa County General Hospital in Phoenix, Arizona, and as administrator of Holy Rosary Hospital in Miles City, Montana, before joining St. Luke's.

72 Douglas A. Clark '72MHA, Fairmont, West Virginia, is now associate director and manager of ambulatory care at West Virginia University Hospital in Morgantown. He had been assistant director of the hospital since 1972.

Veterinary Medicine

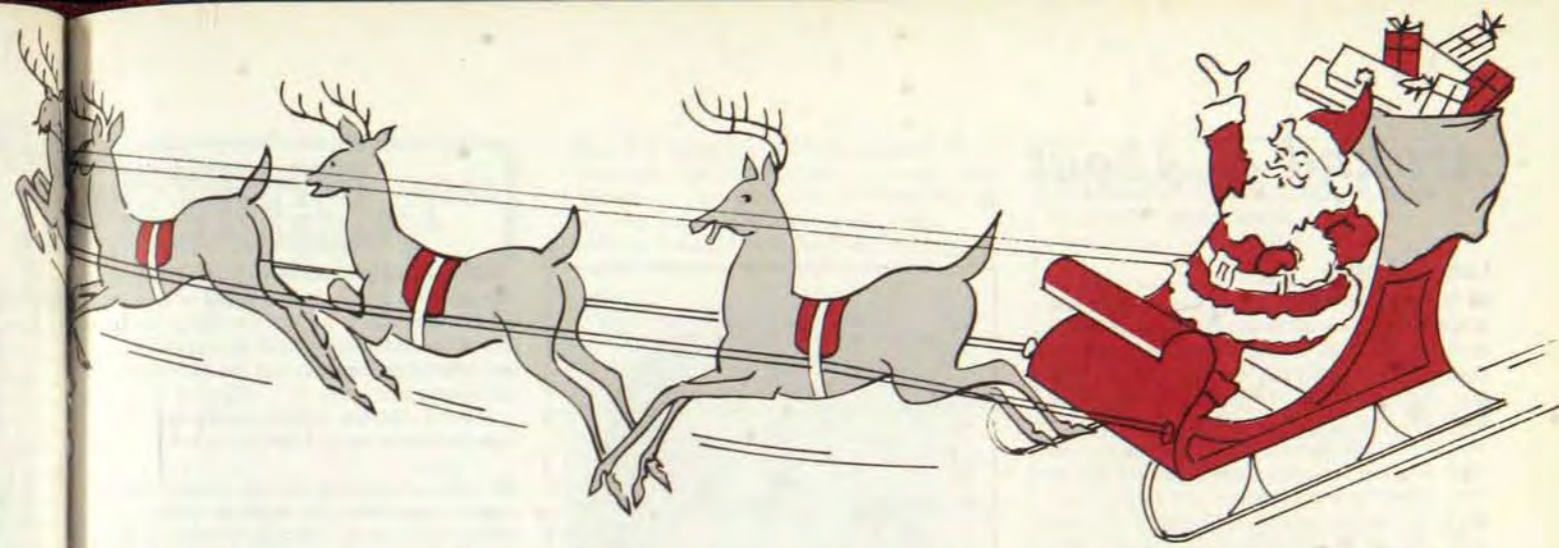
67 Dr. Frank A. Voelker '65BS '67DVM has joined the staff of the Department of Toxicology & Experimental Pathology at Burroughs Wellcome Company, Research Triangle Park, North Carolina. Previously he served in the U.S. Air Force Veterinary Corps, working in veterinary pathology.

68 Dr. Dennis D. Copeland '66BS '68DVM, Foulk Woods, Delaware, has joined the animal health development department of ICI United States, Inc. as a veterinarian. Earlier he had been in private practice at the Buffalo (Minn.) Veterinary Clinic.

ALUMNI Christmas

GIFT IDEAS

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Portfolio



Pencil Caddy



Necktie

MINNESOTA PORTFOLIO. Handsome 16" x 11 1/4" durable vinyl portfolio, dark-brown textured finish. Expands to 1 1/2". Embossed with gold Regents' Seal. **Members \$5.25, others \$6.00.**

MINNESOTA TIE. Maroon background, gold Minnesota "M". 4 1/4" wide, 100% polyester. **Members \$5.50, others \$6.50.**

MINNESOTA PENCIL CADDY. Multiple uses, from beer mug to flower pot. Glass bottom. **Members \$3.50, others \$4.50.**

THE MINNESOTA RING. Selected by the Alumni Association's Board of Directors as the official design. 10K gold set with maroon synthetic garnet. Decorated with the symbols of the University, colleges, degree year of graduation. Due to fluctuating gold prices we cannot quote an exact price on the rings. Please write the Alumni Association for details on options and prices. *Allow 6 weeks for delivery.*

MINNESOTA BLAZER BUTTONS. Set of seven crested with University Seal. Hand detailed, finished in 18K gold plate. **Members \$10.25, others \$12.25.**

MINNESOTA GLASSES. Set of eight decorated with maroon Minnesota Seal, "Minnesota Gophers" in gold. Chip-proof, heavy-weighted bottoms. 12 1/2 oz. HighBall or LowBall size. **Members \$6.50, others \$7.50.**

MINNESOTA PLAYING CARDS. University Regents' Seal decorated maroon on white and gold on maroon. Two-deck set. **Members \$3.50, others \$4.50.**



Pendant



Paperweight



Keychain

MINNESOTA MEDALLION

MINNESOTA MEDALLION. In solid sterling silver, 18K gold plate or pewter, can be ordered as unique 1 1/2" medal, beautiful pendant with bezel and chain, in lucite paperweight or as special Minnesota keychain. Medal is beautifully crafted, on one side with Regents' Seal, on the other with a Minnesota lake scene showing the Loon, a Lady Slipper, Norway Pine, North Star and the Gopher. **Write the Alumni Association for price details.**

GOPHERWARE BAR SET. An informal complement to entertaining, plastic Gopherware set includes 4 tumblers, 1 pour and strain pitcher, 1 ice bucket, 1 snack bowl. Dishwasher safe. Serves hot and cold. All emblazoned with maroon "University of Minnesota" and the Gopher on gold. **Members \$6.00, others \$7.00.**

MINNESOTA TRAY. Accessory tray of tortise shell plastic, gold trim and glass insert for easy cleaning. Measures 5" x 5". **Members \$2.50, others \$2.95.**

GOPHER HELMET LAMP & RADIO. Both have official replica of Gopher football helmet. Lamp has brass plated fittings, burlap shade and stands 18" high. UL approved, bulb not included. Radio is six transistor, solid state of high impact plastic. Stands 6 1/2" high, weighs only one pound and comes with 90-day warranty. Either lamp or radio, **members \$14.95, others \$16.95.**



Gopherware



Blazer Buttons



Glasses



Playing Cards



Gopher Helmet Lamp and Radio



Tray



Oval Bezel



Women's Dinner

The Minnesota Side



Cushion Bezel



Business

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| <input type="checkbox"/> Necktie | <input type="checkbox"/> Minnesota Medallion Information |

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Around & About

Law School

57 John C. McNulty '57JD, a partner in the Minneapolis law firm of Maslon, Kaplan, Edelman, Borman, Brand & McNulty, has been appointed chairman of the American Bar Association's Standing committee on Professional Discipline. McNulty, who served as municipal court judge for the City of St. Louis Park, Minnesota, from 1960-65, has been active in organized bar and civic affairs for many years.

66 E. L. Murphy '66LLB is serving as vice president of sales and marketing for Murphy Motor Freight Lines, Inc., St. Paul. Formerly a regional manager, he will continue to serve as assistant secretary and a director of the company. He joined the company in 1971 as operations assistant.

Medical School

45 Dr. K. Alvin Merendino '45MD, professor of surgery at the University of Washington Medical School in Seattle, is presently on a leave from the school, serving as acting director of medical affairs at the King Faisal Specialist Hospital and Research Center in Riyadh, Saudi Arabia. He will return to Seattle in December 1977.

53 Dr. Harold P. Basinger '53MD, a lieutenant colonel in the U.S. Air Force, is serving as chief of clinical services at Chicksands RAF Station in England.

56 Dr. Philip J. Foley '56MS, West Hartford, Connecticut, has been appointed associate medical director in the casualty and group medical division of the medical department at The Travelers Insurance Companies in Hartford, Connecticut. Prior to joining the companies in 1960 as district surgical consultant in the Chicago medical department, he had completed four years of residency in orthopedic surgery at the Mayo Foundation and was in private practice in orthopedic surgery in the Chicago area.

Business Administration

56 Miles H. Lockett '56BBA, Minneapolis, a partner in the Twin Cities office of the national firm of J. K. Lasser and Company, has been elected to a three-year term on the National Review Board of the accounting profession. A member of the Regional Trial Board IV, he is a past chairman of the Professional Ethics and Membership committees of the Minnesota Society of CPAs.

60 Duane S. Carlson '60BBA, Golden Valley, Minn., has been elected corporate vice president and controller of DATA 100. He joined the firm in 1974 as director of corporate taxes. He previously held management positions with Norther States Power, National Car Rental, Haskins & Sells and Graco, Inc.

62 Gamil A. Chelico '62MBA has been named to the newly-created post of market research manager for the Honeywell division of Micro Switch. After serving in several market research positions in Minneapolis, he joined Honeywell in 1968 as a market research specialist with the Commercial division. He has worked at Honeywell as a senior marketing consultant in a number of divisions since 1975.



Eddy

Newspaperman is visiting professor

Bob Eddy '40BAJourn, former editor and publisher of the Hartford (Conn.) *Courant*, is a visiting associate professor in the S. I. Newhouse School of Public Communications, Syracuse University (Syracuse, N.Y.), this year. He is teaching courses in newspaper economics and management, magazine article writing and reporting of public affairs.

Eddy joined the *Courant* in 1962 and retired in late 1974. He previously was managing editor of the St. Paul (Minn.) *Dispatch*.

A former Nieman fellow at Harvard and an Ogden Reid scholar in Europe, he spent last year, after a summer as a Fulbright lecturer in journalism at four universities in India, as an associate professor at the University of Nebraska in Omaha.

He is a retired member of the American Society of Newspaper Editors, a former chairman of the American Newspaper Publishers Association's public relations committee and a member of the Society of Professional Journalists-Sigma Delta Chi and Phi Beta Kappa.

63 David H. Abramson '63BSB, managing partner of the Twin Cities offices of Alexander Grant & Company, is currently serving as president of the Minnesota Society of Certified Public Accountants. He was also recently appointed to a 25-man national advisory group for Beta Alpha Psi, national honorary accounting fraternity. He has served on the faculty at the University of Minnesota for six years in the extension division and for one year as a full-time visiting accounting lecturer in day school.

Gilbert H. Durkee '63MBA has been appointed vice president and general manager of Utah Electronics, Huntington, Ind. Previously he was president of the Fort Wayne (ind.) division of the Bowmar Instrument Company and was associated with Honeywell, Inc.

Robert J. Halonen '63BBA has received his PhD from the University of Arizona, Tucson.

66 Gary L. Buckmiller '66MBA, Mound, Minn., is corporate controller-operations at Josten's, Inc., Minneapolis. He has served in various positions since joining the company in 1971 as assistant corporate controller.

Eugene N. Jaster '66BSB, who has been with Honeywell since 1949, was named branch manager of the Process Control division's sales office in Lincolnwood, Pa.

67 Paul M. Presthus '67BBA, Minneapolis, was recently elected president and chief operating officer of Wellens & Company, Minneapolis. He was formerly executive vice president of the company.

68 Rolland E. Glessing '68BBA, New Hope, Minn., has been appointed Investment Officer for National City Bank of Minneapolis. Previously he was associated with Security State Bank in Howard Lake, Minn., and with the U.S. Army Finance Corps in Ft. Eustis, Va.

Robert D. Ledin '68BBA, Fridley, Minn., is corporate tax manager for DATA 100 Corporation. He was previously tax administrator for Gamble Skogmo and a tax accountant for Burlington Northern.

Nursing

39 Audrey Windemuth '39BSNurEd has spent more than 16 years as West Virginia University Hospital's (Morgantown, W. Va.) first and, thus far, only director of Nursing Service. Since the day that the hospital opened and admitted its first three patients, with a staff of 30 RN's, 6 licensed practical nurses and 17 nurses' aides, it has grown until Windemuth today directs 500 persons, included 250 registered nurses, 85 licensed practical nurses and 180 nurses' aides, orderlies and station clerks. Windemuth, who also holds a master's degree in nursing administration from the University of Minnesota, is one of few degree nurses to choose a career in nursing service rather than in education. She does, however, serve as associate clinical professor in the West Virginia University School of Nursing. A champion of the cause of the working nurse, she has been active and held office in the West Virginia Nurses Association and other professional groups. In 1973 she was named an associate director of the University Hospital and in 1974 became a charter member of the West Virginia Society of Hospital Nursing Service Administrators. She previously worked in nursing education and as a nurse in Minnesota.

DEATHS



'20-'29

Lloyd L. Peterson '22BCivE, Dubuque, Iowa, on January 15 at age 72, in a car accident. The director and former executive vice president of Interstate Power Company in Dubuque, he began his utility career with Northern States Power in Minneapolis before joining Interstate in 1928 in Albert Lea, Minn. He came to the Dubuque general office in 1951 as an executive assistant and was successively, vice president, a member of the board and executive vice president. He retired after 40 years of service in 1968 while continuing as director of the firm.

Herbert A. Edd '23BSB, Missoula, Mont., on March 3 at age 75. A retired U.S. Forest Service administrator, he joined the service in 1933 as a clerk in Milwaukee. From 1942-47 he was administrative officer and fiscal agent in the WWII Emergency Rubber Project in California. He rejoined the Forest Service in Madison, Wis., and moved to Washington, D.C. and then to Missoula. When he retired in 1966 he was assistant regional forester in charge of the Division of Fiscal Control.

Dr. Donald W. DeCarle '24MD, San Francisco, Calif.

Dr. Joseph T. King '24MD, Minneapolis, University of Minnesota professor emeritus of physiology, on March 24 at age 80. A part of the University community as a student and staff member for more than a half century, he also earned his bachelors, masters and PhD degrees from Minnesota and was an active member of its faculty for 38 years. Known to his colleagues as a devoted scholar and teacher, he became the first University of Minnesota expert in the field of tissue culture and moved into cancer research before it became a popular field. He began the first serious studies of the biochemistry, physiology, nutrition and pathologic morphology of the aging process at the University.

Dorothy Skeeves Meltau '24BSNur, Tulsa, Okla., in October 1975.

Merle M. Price '24BSEd '29MA, Stout, Wis., in March 1976 at age 74. He had joined the University of Wisconsin-Stout faculty in 1929 and was instrumental in forming the university's first student senate and involving students in the administration. He was also responsible for opening Stout's first student union. Price, who retired in 1971 after 42 years of service to Stout, served that institution as dean of men and students while teaching philosophy of education. He was also a founder of the Stout State University Foundation which he served as a board member from 1962-70.

Herbert C. Moore '25MA, Durham, N.H., who worked in dairy husbandry at the University of New Hampshire.

Mrs. Ella M. Saterbak '25BSHE, Birmingham, Ala.

Effie Berkheimer '26BSEd, Minneapolis, on October 20, 1975.

Dr. Earl F. Henderson '26MD, New Castle, Pa., on March 1.

M. Orinne Johnson '26BSHE, Bakersfield, Calif.

Albert R. Lux '26BA, Wilmington, Del., on August 15, 1975.

Dr. Charles E. McJilton '26MD, Helena, Mont., on October 29, 1973, drowned while hunting.

Peder E. Pedersen '26BSAg, Colbert, Wash., on November 19, 1975.

Mrs. E. J. Regimbal '26BSHE, Stephen, Minn. Edward R. Spaulding '26BSEd, Janesville, Wis., on February 5. He had retired in 1959 after 28 years of teaching in the Milwaukee school system.

Minnette Crouch Teske '26BSHE, Minneapolis.

Gale M. Whetchurch '26BSFor, Vallejo, Calif., on January 22, 1972, from a heart attack. He had retired in 1965 as Administrator of Training at Mare Island Shipyard in Vallejo. He made a name for himself in forestry when he began a two-year vocational forestry school in Lussen Junior College, Susanville, Calif., and taught there from 1935-41 when he was called into defense training.

Howard F. Williams '26BSB, Winona, Minn., about six years ago.

Harold F. Barnhart '27, Ellensburg, Wash., on December 7, 1974.

Richard E. Gile '27BGE, Kirkland, Wash., on July 25, 1975.

Solveig Sandvik Crandell '28BSEd '36BS, Swarthmore, Penn., July 31, 1975.

Carl V. Elmquist '28LLB, St. Paul, July 23, 1975.

Mrs. Gladys Brown Finnegan '28BSNur, Manhasset, N.Y., January 24, 1975.

Miss Stella W. Krabbenhoff '28BA, Sabin, Maine, April 10, 1975, at age 82.

Wallace E. Olson '28LLB, Miami, Fla., July 7, 1975.

Mrs. E. M. O'Toole '28BSPhm, Minneapolis.

Clinton R. Wiseman '28PhD, Brookings, S.D., head of the Department of Education at South Dakota State University from 1933-54, on March 8 at age 86. He joined the SDSU faculty in 1918 and trained teachers of agriculture, as well as served as state supervisor of Vocational Agriculture. As head of the Education department he developed the undergraduate program for training teachers in agricultural and general education. He was a founder of the Conference of School Administrators and School Board Members.



Beatrice J. Dvorak '29BA '34PhD, Washington, D.C., a research psychologist and chief architect of the Labor Department's series of tests used to measure basic aptitudes for a number of occupations, on December 13, 1975, at age 67. She became chief of the department's testing branch in 1947. The General Aptitude Test Battery (GATB) which she had developed is used throughout the United States by high school guidance counselors, as well as by nearly 2500 federally financed offices in counseling and placing public employment service applicants. The GATB enabled employers for the first time to assess what prospective employees could learn to do quickly and well even though they may not have worked in a particular field. A co-author of *Occupational Counseling Techniques*, she was a teaching assistant in psychology at the University of Minnesota from 1929-31 and a research assistant for the Employment Stabilization Research Institute until 1934 when she became a technical assistant for the U.S. Employment Service. She was one of six winners of the 1975 prestigious Federal Woman's Award and earlier in the same year became the first woman to receive the Labor Department's Philip Arnow Award.

U.S. Postal Service STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION (Required by 39 U.S.C. 3685)

(1) Title of publication: University of Minnesota Alumni News. (2) Date of filing: 10/1/76. (3) Frequency of issue: Published monthly, September through June; (a) Number of issues published annually: Ten; (b) Annual subscription price: \$6.00 (4) Location of known office of publication (Not printers): University of Minnesota, 2610 University Avenue, St. Paul, Ramsey, Minnesota 55114. (5) Location of the headquarters or general business offices of the publishers (Not printers): (Same as foregoing). (6) Names and complete addresses of publisher, editor and managing editor: Publisher, Minnesota Alumni Association, University of Minnesota, 2610 University Avenue, St. Paul, Minnesota 55114; Editor, Mary Lou Aurell, University of Minnesota, 2610 University Avenue, St. Paul, Minnesota 55114; Managing Editor, Vincent J. Bilotta, University of Minnesota, 2610 University Avenue, St. Paul, Minnesota 55114. (7) Owner (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or unincorporated firm, its name and address, as well as that of each individual must be given.): Minnesota Alumni Association, University of Minnesota, 2610 University Avenue, St. Paul, Minnesota 55114. (8) Known bondholders, mortgagees and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages or other securities: None. (9) For completion by nonprofit organizations authorized to mail at special rates (Section 132.122, PSM): The purpose, function and nonprofit status of this organization and the exempt status for Federal income tax purposes have not changed during preceding 12 months.

(10) Extent and nature of circulation for average number of copies each issue during preceding 12 months: (a) Total number of copies printed (Net press run) - 20,650; (b) Paid circulation, Sales through dealers and carriers, street vendors and counter sales - 0, Mail subscriptions - 19,150; (c) Total paid circulation - 19,150; (d) Free distribution by mail, carrier or other means, samples, complimentary and other free copies - 1,225; (e) Total distribution - 20,375; (f) Copies not distributed, Office use, leftover, unaccounted, spoiled after printing - 275, Returns from news agents - 0; (g) Total - 20,650.

Extent and nature of circulation for actual number of copies of single issue published nearest to filing date: (a) Total number of copies printed (Net press run) - 15,400; (b) Paid circulation, Sales through dealers and carriers, street vendors and counter sales - 0, Mail subscriptions - 15,217; (c) Total paid circulation - 15,217; (d) Free distribution by mail, carrier or other means, samples, complimentary and other free copies - 156; (e) Total distribution - 15,373; (f) Copies not distributed, Office use, leftover, unaccounted spoiled after printing - 27, Returns from news agents - 0; Total - 15,400.

I certify that the statements made by me above are correct and complete. (signed) Vincent J. Bilotta, Managing Editor.



Alumni Center Activities Calendar

A chronology of organized alumni activity throughout Minnesota and the United States in which the Minnesota Alumni Association participates and to which Minnesota alumni are invited.

(*) Meeting details given below calendar.

November

- 4 Election Aftermath: Impact on U.S. Foreign Policy seminar, Alumni Club-Minneapolis.*
- 5 Institute of Technology Alumni Annual Science & Technology Day, Twin Cities campus.*
- 6 Minnesota-Northwestern Football Game program & Pregame Tailgate Party, Evanston, Illinois.*
- 11 Evening with the Professor: Paul D'Andrea, "The Importance of Being Romantic: The Plight of the Valuable in Contemporary Literature," Alumni Club-Minneapolis.*
- 13 Hunters Night at the University of Minnesota Alumni Club, Minneapolis (See special ad in this issue).
- 15 Minnesota Alumni Fall Meeting, Washington, D.C.*
- 16 Minnesota Alumni Dinner & Program, Pittsburgh, Pennsylvania.*
- 18 Minnesota Alumni Fall Meeting, Eau Claire, Wisconsin.*
- 19 School of Dentistry Alumni Day, Twin Cities campus.* (Also related activities on November 19 and 20.)
- 20 Minnesota Alumni Pregame Luncheon, University of Wisconsin campus (Madison).*
- 30 Chemical Engineering & Materials Science Minnesota Meeting, American Institute of Chemical Engineers Annual Meeting, Chicago.*

December

- 2 President's Seminar: Alfred O. C. Nier, Regents' Professor of Physics and NASA scientist, Alumni Club-Minneapolis.*
- 7 Minnesota Alumni Annual Meeting, Roseau, Minnesota.*
- 11 Family Christmas Julebord at the University of Minnesota Alumni Club, Minneapolis (See advertisement in this issue).
- 21 Christmas Luncheon at the University of Minnesota Alumni Club, Minneapolis.
- 31 New Year's Eve at the University of Minnesota Alumni Club, Minneapolis.

Election Aftermath: Impact on U.S. Foreign Policy, on November 4, sponsored by the University of Minnesota Alumni Club in cooperation with the University's World Affairs Center, featured an open discussion on the implications for U.S. foreign policy of the 1976 Presidential election. Panelists for the seminar included Burton Paulu, director of University of Minnesota Radio & Television; Robert White, associate editorial page editor for the *Minneapolis Tribune*; Arlen Erdahl, former Minnesota secretary of state who presented "A Republican Point of View;" and Yvette Oldendorf, assistant coordinator of the DFL Feminist Caucus, who presented a "Democratic Point of View." William C. Rogers, director of the World Affairs Center, moderated the discussion.

The Institute of Technology's Alumni Association's Annual Science & Technology Day on November 5 opened with a Seminar Program, emphasizing "Minnesota's Role in the Microelectronics Revolution," that ran from 1:30 to 4:30 p.m. on the Twin Cities

campus of the University. The seminar, for which there was no charge, was moderated by Ray Warner of the University's department of electrical engineering, and featured leading industrial, governmental and academic spokesmen.

The evening banquet, which took place in the Radisson Hotel South, Bloomington, Minnesota, featured an address by University of Minnesota president C. Peter Magrath on "The University, Technological Progress and Industrial Survival," and the presentation of Outstanding Achievement Awards to William J. Bailey '43BSChem, Rudolph Pariser '50PhD and John E. Naugle '49BSPhysics '50MS '53PhD.

The Minnesota-Northwestern Football Game Program & Pregame Tailgate Party on November 6 was held at Dyché Stadium in Evanston, Illinois, beginning at 11:30 a.m. Minnesota alumni in the area were invited to bring picnic lunches and share in the snacks and refreshments provided by the Minnesota Alumni chapter of Greater

Chicago. A block of tickets was also reserved for alumni who wanted to attend the Wildcat-Gopher game.

Robert Dolan, 2139 Thornwood, Wilmette, Ill. 60091, (312) 251-2724, is president of the Greater Chicago Alumni chapter and can be contacted for information on upcoming alumni activities in the Chicago area.

Evening with the Professor, on November 11, which featured Paul D'Andrea, professor and chairman of the University's department of humanities and winner of the Radio Drama Award, was the last in a fall Thursday series of continuing education programs for alumni. The series of four 6:00 p.m. dinner-lecture programs in the University of Minnesota Alumni Club, downtown Minneapolis, cost \$43.00 per person.

Watch for the announcement of a new winter series in future issues of the *Minnesota Alumni News*.

The Minnesota Fall Alumni Meeting in Washington, D.C., on November 15, will open with a 6:00 p.m. social hour, followed by an 7:00 p.m. dinner and program in the National Lawyers Club at

1815 H Street, N.W. University of Minnesota president C. Peter Magrath will be present to speak on "University of Minnesota Update 1977," and Minnesota Alumni Association executive director Vince Bilotta will join Bob Odegard, director of development for the University, and Eivind Hoff, executive director of the Minnesota Medical Foundation, in greeting Washington, D.C. area alumni and their guests.

Dinner reservations at \$8.00 each can be made through George Hermanson, 5307 Waneta Road, Washington, D.C. 20016. Hermanson is treasurer of the Washington, D.C. Alumni Chapter.

The Minnesota Alumni Dinner & Program in Pittsburgh, Pennsylvania, on November 16, will be held in the Viking Motel at 1150 Banksville Road. A 6:30 p.m. social hour will precede the 7:30 p.m. dinner and program that features Vince Bilotta, the new executive director of the Minnesota Alumni Association. Vince plans to show the prize-winning film about the University of Minnesota, "Reaching Out," as well as bring news of the University to western Pennsylvania.

Reservations for the dinner meeting, at \$8.50 per person, can be made through the Pittsburgh Area Alumni chapter president L.C. Helsey, 54 Carleton Drive, Pittsburgh, Penn. 15243.

The Minnesota Alumni Fall Meeting in Eau Claire, Wisconsin, on November 18 also features the Association's new director, Vince Bilotta, and the prize-winning film, "Reaching Out." The meeting will open with a 6:00 p.m. social hour at the Left Guard Restaurant, Craig Road at Highway 37.

West Central Wisconsin alumni, their family and friends are invited to attend this evening of University of Minnesota fellowship. Reservations, at \$6.00 per person, can be made through the Wisconsin Alumni chapter's secretary-treasurer, Marjorie Barnes, 404 Broadway Street, Eau Claire, Wisconsin 54701.

The School of Dentistry Alumni Association's 19th Annual Alumni Day on Friday, November 19, will open its morning sessions in Mayo Auditorium on the Twin Cities campus at 8:15 a.m. with registration and coffee. Following a welcome by School of Dentistry dean Erwin Schaffer and Dentistry Alumni Association president Ralph Werner, two professional clinics will be presented, one at 9:00 a.m., the other at 10:45 a.m.

The 12 noon Alumni Luncheon and Program in Coffman Union's Great Hall on the Twin Cities campus will feature the presentation of an Ambert B. Hall Award to Dr. Lyle A. Brecht and an

Outstanding Achievement Award to Dr. Robert J. Nelsen.

Brecht '39DDS has a remarkable career in dentistry that includes outstanding contributions in dental practice, dental education and organized dentistry. Except for four years in the U.S. Army Dental Corps, he has been engaged in part-time or full-time private general dental practice in Minneapolis since receiving his DDS degree. He was a member of the School of Dentistry faculty for 10 years and has served organized dentistry as president of five major dental groups. He is currently chairman of the Delta Dental Program of Minnesota and chairman of the Council on the Scientific Session of the American Dental Association.

Nelsen '40DDS, who has had a distinguished career in dental research, practice, education and administration, is best known for his development of the turbine contra-angle dental handpiece which he invented in 1952 while a research associate in the National Bureau of Standards. His research interests have been primarily in dental instrumentation, radiation hygiene, biomaterials and the biomechanical factors of jaw functions. He has contributed significantly to dental literature in addition to lecturing extensively to scientific and professional groups. Currently the executive director of the American College of Dentists, he is a member of numerous professional organizations and has been the recipient of several special awards.

Two afternoon professional lecture sessions will be repeated at 2:00 and 4:00 p.m.; a third afternoon session, which includes a 2:00 p.m. lecture and 3:00 p.m. participation session, features material on "Office Emergency Procedures." A Limited Attendance Treatment Planning Seminar is also available from 2:00 to 4:00 p.m.

Registration fee for the Dentistry Alumni Day program and luncheon is \$12.00 and can be made through the University of Minnesota Alumni Association at 2610 University Avenue, St. Paul, Minn. 55114.

The Tenth Annual Century Club Banquet will be held the following day, on **November 19**, in the downtown Radisson Hotel, Minneapolis, beginning at 6:30 p.m. The Century Club Professor of the Year will be recognized during this meeting.

On **November 20**, the **13th Annual Post-Alumni Day Seminar** will take place from 9:00 a.m. to 12 noon in the Health Sciences Building on the Twin Cities campus. This continuing

education program will be devoted to "The Changing Role of Orthodontics in Dentistry."

Reservation information on the Century Club banquet and Post-Alumni Day Seminar is available through the Minnesota Alumni Association offices.

The Minnesota Alumni Pregame Luncheon at the University of Wisconsin campus in Madison will

open with a social hour at 10:30 a.m., followed by a Swiss steak luncheon at 11:45 a.m. at Union South on the Wisconsin campus, a 10-minute walk from the stadium where the Gophers and Wolverines will do battle. The Minnesota Alumni Association's new executive director Vince Bilotta will be on hand to greet alumni and friends attending the event.

Tickets, at \$4.00 per person for the luncheon, are available from the Alumni Association's Madison Area chapter president Al Paulson, 527 E. Milwaukee Road, Fort Atkinson, Wis. 53538.

The University's Department of Chemical Engineering & Materials Science will sponsor a social hour from 5:30 to 7:00 p.m. on November 30 at the Palmer House Hotel in Chicago, site of the American Institute of Chemical Engineers annual meeting. Minnesota alumni attending the annual meeting are urged to join their University colleagues and renew acquaintances.

The President's Seminar on December 2, which features Dr. Alfred O. C. Nier, is sponsored by the University of Minnesota Alumni Club located in downtown Minneapolis. The Regent's Professor of Physics and leader of the Entry Science Team for NASA's Viking Landings on Mars will make a visual presentation of the Viking I and II's Martian touchdowns.

The evening will open with a reception at 6:00 p.m., followed by a 6:30 p.m. dinner and 8:00 p.m. program. Reservations are available at \$6.75 (plus tax and gratuity) per person through Irene Kreidberg, Alumni Club Manager, at (612) 376-3667.

The Minnesota Alumni Annual Meeting at Roseau, Minnesota, will have the provost of the University of Minnesota Technical College at Crookston, Stanley Sahlstrom, as its speaker. Art E. Brandli, Warroad, Minn. 56763 (386-2083), president of the Roseau Alumni chapter, or Judy Moren, 710 Main Avenue No., Roseau, Minn. 56751 (463-1389) should be contacted for reservation information and other specifics on the meeting.

Take a sun break in 1977!



Join the Big Ten Caribbean Cruise

January 30–February 6

Sail on the luxurious *M.S. Mermoz* of the Paque French Line to six exciting ports of call:

- **Barbados**, a very British island with secluded beaches
- **Trinidad**, a bustling setting that offers a capsule round-the-world trip
- **Guadeloupe**, an island of spectacular volcanic peaks, vivid green forests and waterfalls
- **St. Vincent**, one of the most relaxing spots in the Caribbean
- **St. Thomas**, a colorful and famous paradise of free-port shopping
- **San Juan**, Spanish and historical with great beaches and exciting night life

Ship leaves from San Juan, Puerto Rico. Special air-sea package prices start at \$755 and range up to \$1,230 per person, from Minneapolis, depending on cabin selection and two per room occupancy.

Have a South Pacific Escapade

March 14–28

Join the Alumni Association on a trip "down under," half a world away!

- **New Zealand**, one of the most gloriously natural places on earth, a country of breathtaking beauty where Christmas comes in summer and winter never comes
- **Australia**, a land of large deserts, towering mountains, varied agriculture, ancient people living alongside a pioneering contemporary populace
- **Sydney**, Australia's largest city, a multi-faceted diamond with an exquisite harbor-setting and "outback" vitality
- **Tahiti**, a hospitable, picturesque, luxurious island, the largest of French Polynesia, with an easy-going lifestyle.

MAA Package price, \$1,499.00 per person, based on two per room occupancy. Price includes all taxes and services.

CARIBBEAN CRUISE

Send to: Minnesota Alumni Tours
2610 University Avenue
St. Paul, MN 55114

Please make _____ reservations in my name.
Year of graduation _____ College _____
Name _____
(please include first)
Address _____
City _____
State _____ Zip _____
Phone Number _____
Names of individuals traveling with _____
(please include first names)

In the travel arrangement, I prefer the smoking section;
the no smoking section.

\$175 deposit required per person. Make checks payable
to Caribbean Cruise.

SOUTH PACIFIC ESCAPADE

Send to: Minnesota Alumni Tours
2610 University Avenue
St. Paul, MN 55114

Please make _____ reservations in my name.
Year of graduation _____ College _____
Name _____
(please include first)
Address _____
City _____
State _____ Zip _____
Phone number _____
Names of individuals traveling with _____
(please include first names)

In the travel arrangements, I prefer the smoking section;
the no smoking section.

\$175 deposit required per person. Make checks payable
to South Pacific Escapade.

All alumni tours are limited to members of the Minnesota Alumni Association
and their immediate families.