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alumni news UNIVERSITY OF MINNESOTA

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1975 University Legislative Building Request Totals \$52 Million For All Campuses

Under a new administration that believes if its officials play it straight with the people, let them know what they want to do, why they want to do it and what they expect to accomplish, that funding can only be fair, the University of Minnesota is asking for approximately \$52 million for construction, remodeling and rehabilitation, preliminary planning and working drawings in its 1975 Legislative Building request.

The largest request, and the first new construction priority for the Twin Cities campus, is \$12.9 million for a new Law School Building.

This request, which was denied by the Legislature two years ago, is considered essential to the future of Minnesota's Law School. The overcrowding of Fraser Hall, the present Law School building, and its inadequate teaching, clinical and research facilities have hampered the School's programs and prevented the implementation of educational plans for the coming decade.

Current Law School enrollment exceeds 700 in a facility designed for 450 and the existing student study space does not meet the minimum standards set for accreditation of law schools.

It is estimated that Law School enrollment should reach 1000 by 1978; however, the space available in Fraser Hall limits an entering class to one-sixth of its applicants.

The University's Law Library, one of the nation's largest that expands by 12,500 volumes annually, is also inadequately housed in an area that presents a fire hazard both to the library's contents and its users. Many of the volumes used daily are stored in an unfinished sub-basement. A new Law Library would take up a major part of the space in a new building.

The 1973 Minnesota Legislature in denying the University's \$11.5 million request for a new Law School building, instead appropriated \$400,000 for planning purposes. Inflation has now run the cost of the new building up to \$12.9 million even though the current proposal is substantially scaled-down from the 1973 asking.

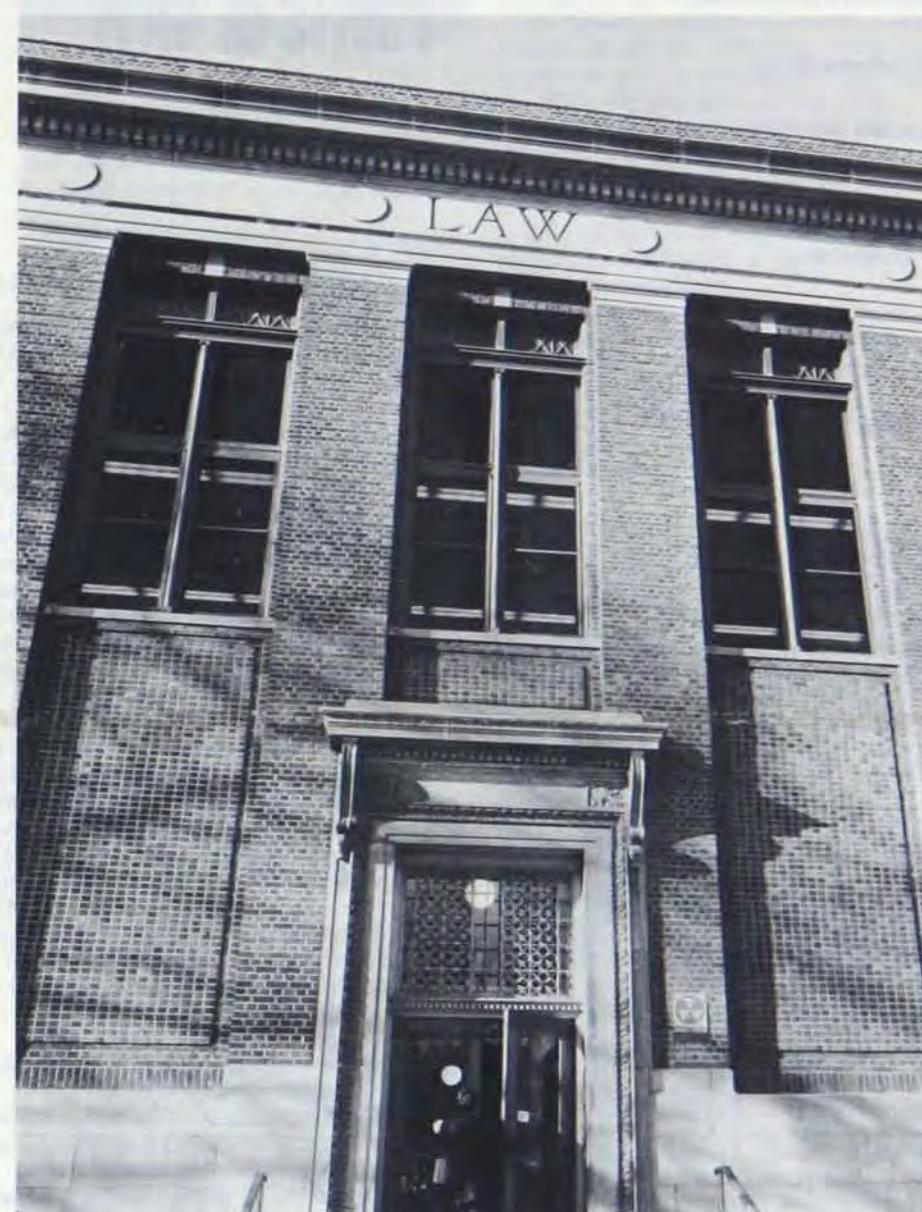
Other major requests for new construction on the Twin Cities campuses includes \$4.5 million for a library-learning resources center for the St. Paul campus; \$1.7 million for a Home Economics building, also in St. Paul; and \$1.2 million for an Archives Research building. The University is also seeking \$4.3 million for the Phase III construction of pollution control devices in the Twin Cities Heating plants and for a University-wide Heating plant study.

For the Twin Cities campus, preliminary planning requests for Phase II of an Animal Science building, for an agronomy and plant genetics addition and greenhouse, a vocational-technical education building and a civil-mineral engineering addition amounts to \$301,000.

Requests for Twin Cities campus working drawings for electrical engineering, zoology and Green Hall additions and for a Music building and a third floor on the current Architecture building total \$1.4 million.

New construction requests amount to \$21.1 million, while remodeling and rehabilitation requests for Cooke Hall/Norris Gymnasium, the Botany building, St. Paul Gymnasium, Smith Hall and the Institute of Child Development total \$1.7 million.

Along with \$4.3 million in miscellaneous requests and \$6.6 million for utilities and services, the Twin Cities Legislative Building re-



THE TOP CONSTRUCTION priority on the Twin Cities campus in the 1975 University Legislative Building request is a new Law School building. The Law School is now housed in Fraser Hall, see at the left, where inadequate library conditions (above) and crowded study areas (below) have made it difficult for the school to fulfill its programs and maintain accreditation. Planning monies for a new facility were appropriated by the 1973 Legislature.

quest for 1975 totals \$35.4 million, exclusive of the Health Sciences.

Requests for the Health Sciences in the Twin Cities, totaling \$4.2 million, list \$3.5 million for Basic Sciences remodeling as its top priority.

On the Duluth campus, \$1.6 million is being asked for a Basic Science Medical Education building, part of a total \$7.8 million request for that campus. \$5.3 million is also being sought for a Social Science building there.

Administrators are seeking \$1.1 million for Phase II of the construction of a Learning Resources Center addition on the University's Crookston campus, as well as planning funds for a Physical Education building and Outdoor Recreation & Athletic complex, and money for working drawings for a Classroom & Food Service building and the conversion of Owen Hall for Agriculture and Animal Science facilities. The amount to be requested for Crookston totals \$1.5 million.

Requests for the Morris campus total \$464,000, for Waseca \$685,000 and for the eleven University research and experiment stations, \$2.2 million.

The University's Legislative Building requests are tempered by inflation and the need to build on existing facilities and erect only



those new buildings necessary to maintain the kind of comprehensive educational, research and service programs that the people of the state expect from the institution.

University president C. Peter Magrath has pointed out repeatedly that there is nothing "frivolous" in the University's current budget requests.

He has said that the University, the ninth largest university system in the United States, "is fortunate in being big and talented enough to provide a varied scope of educational and research-related services to the people of Minnesota and elsewhere."

"Wise and generous people, who for over a century have been vigorous proponents of the land-grant concept of public higher education, have enabled us to get where we are."

"But we must call for even fuller support if we are to properly continue delivering these services," he said.

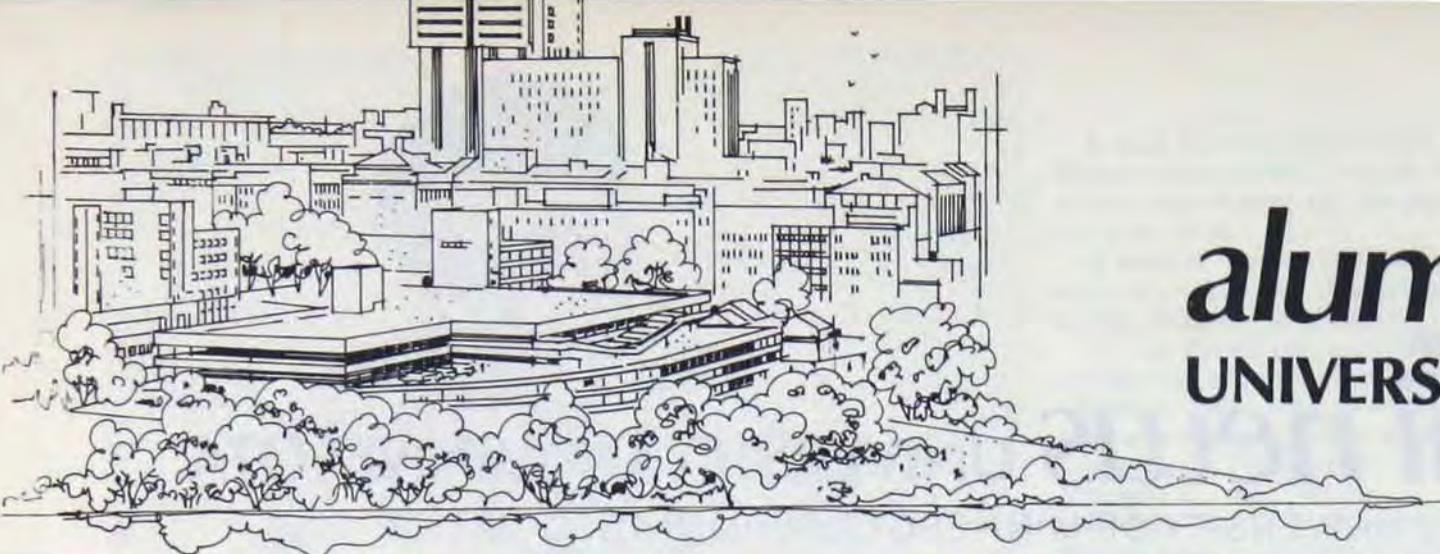


alumni news

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POINTS OF VIEW



Starting with the September issue of the ALUMNI NEWS, a new format was introduced.

The ALUMNI NEWS has been a 40-page magazine, published ten times a year, September through June. The ALUMNI NEWS has had as its objectives to publish articles in depth about the University, its program, faculty and students, and to keep Minnesota graduates updated about the important news on campus, as well as what was happening on the alumni front. To accomplish that was expecting a lot in a 40-page magazine, but over the years it was done as well as could be expected.

For several years the matter has been studied, but the question has been, *how can we do a better job and* out of the discussion came the realization of the need of some publication going to all the graduates of the University on a limited basis. Several proposals were made to the University administration about more communication with all alumni. The University, too, was well aware of the need, and the fact that most of the large state universities were either considering or actually had a publication that reached all alumni at least once or twice a year. *So the UPDATE was born*, which is a quarterly University publication to all parents, donors and University graduates. With this accomplished, a new format for the ALUMNI NEWS evolved which was to continue with the ten issues of the ALUMNI NEWS, but with five of the issues given over completely to articles in depth about the University and five issues to be published in newspaper tabloid form, with *news* items about the University and about the alumni programs. The special issues would retain the magazine format and be published in September, November, January, March and May. On the alternate months of October, December, February, April and June the ALUMNI NEWS would come out in newspaper tabloid form.

A major incentive to make the change this year was the increasing cost of publishing the ALUMNI NEWS, which since 1967 has more than doubled in cost. It should be recognized that the new format will take some time to perfect itself — the magazine as a purely special issue publication and the newspaper tabloid as basically a *news* format.

The first alumni publication, established in 1901, was titled THE ALUMNI WEEKLY, and continued until 1943 published weekly, 16 pages, in a 6 1/4" x 9" format. In 1921 the size changed to 8 1/2" x 11".

It became the MINNESOTA ALUMNUS from 1943 to 1949, published nine times a year, 32 pages.

In 1949 the name was changed to MINNESOTA, VOICE OF THE ALUMNI and continued until 1955. It was published nine times a year, 32 pages, with a glossy cover being added in 1952.

THE GOPHER GRAD became the name in 1955-59, in a 36-page magazine format published nine times a year.

Since 1959, the Association publication has been called *The University of Minnesota ALUMNI NEWS*. At first its number of pages varied, depending on advertising, and it was published nine times a year. In October, 1964, it went to a yearly issue, 42-page magazine publication.

Comment on the new format has been sparse — a few notes and letters, a few phone calls, some conversation with alumni at meetings and alumni gatherings — with most of the comment highly favorable.

The format is still new, and as you get used to it, your comments would be appreciated.

Ed Hause

Four researchers win Cancer Institute grants

Four University researchers have received grants totaling \$243,556 from the National Cancer Institute:

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

Dr. William Kravit of the pediatrics department received \$67,582 to continue the University Leukemia Center's platelet transfusion program;

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

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

University designated AEJ headquarters

The University of Minnesota has been designated the central headquarters of the Association for Education in Journalism (AEJ), a national organization of schools and professors in the field of journalism.

The association's president, Edwin Emery, a professor in the University's School of Journalism & Mass Communication, said all AEJ's operating offices will be consolidated at Minnesota in August, 1975.

The AEJ executive committee has elected J. Edward Gerald, professor emeritus at Minnesota and a visiting professor at Indiana University during 1974-75, as its half-time executive secretary as of that date, for a three-year term. At present the offices of treasurer and publications manager are held by Harold Wilson, University journalism professor.

Mary Lou Aurell '62BAJour Editor
Edwin L. Haislet '31BS '33MA '37EdD Managing Editor
Vergal Buescher Cover and Consultant Artist

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Magrath says Land-grant schools can help solve world food crisis

University President C. Peter Magrath says land-grant colleges and universities could help solve the world's food shortage if given long-term federal support for international programs.

Speaking to Minnesota agribusiness leaders in late November in Minneapolis, Magrath supported a plan for the U.S. to establish applied research, teaching and extension institutions in other nations similar to America's land-grant universities.

"While universities, assuredly, cannot do the job alone, our national network of land-grant universities, if given adequate support, can join with the American agribusiness community and other nations to become even more vigorous and productive participants in a foreign policy of rarely preceded compassion and wisdom," Magrath said.

Magrath supported the spirit of the "Famine Prevention" bill introduced by Representative Paul Findley, Republican-Illinois, authorizing the Secretary of Agriculture to contract with each land-grant college and university to organize a long-term assistance program in another country.

An important first step was taken toward long-term food production efforts with the establishment of the Land Grant/U.S. Department of Agriculture Council on International Research and Education, Magrath said.

"The University of Minnesota is enthusiastic about playing a bigger role in meeting this (food) crisis, and we are currently taking a close look at our capabilities and talents," Magrath said.

The University of Minnesota currently has contracts with the U.S. Agency for International Development (AID) to provide educational services in agriculture in Tunisia and Morocco.

A long-term program such as Findley's proposal would raise a number of questions, Magrath said, such as whether support can be maintained. "In order for education and research to bear fruit . . . support must be ready," he said.

Funding must also be taken outside the political realm, the University president noted: "We must not let transient political considerations undermine our will to help people feed



C. Peter Magrath

themselves. I hasten to add that we should be more concerned with helping hungry people than with what certain political leaders around the world might think about us at any given time."

Magrath said the University of Minnesota and the state's agribusiness industry have been instrumental in helping bring modern and more productive agricultural techniques to the people of the world. The University has provided a number of examples of successful applied agricultural research programs, according to Magrath.

At a cost of \$100,000, he said, the University developed Hodgson and Evans soybeans which will be grown on two million Minnesota acres by 1976 and will increase farmers' income by \$9 to \$12 million through increased yields.

"It is further anticipated that this increased yield will produce enough additional protein to meet the needs of one million people every day for one year," he said.

Waseca students gain in numbers and involvement at Technical College

"Parents and students fall in love with us," Jim Hesch, supervisor of admissions, records and financial aids, said matter-of-factly. He was trying to explain the reasons for the University of Minnesota-Waseca's rapidly raising enrollment figures.

"Parents and students come in and we take them on tour. They talk to the staff and students and find they like the institution. It always surprises us, because we're not fancy nor big," Hesch smiled.

At that point a student wandered into his open office and in a totally relaxed manner, got some direct advice about scheduling.

Certainly such a warm, open door, "we're here to help you" policy must have something to do with the dramatic increases in the number of students at UMW this fall. It's a rare college where a student can go directly and unannounced to the head of admissions with his registration problem.

"We're very pleased that we went over the projected figure of 500 students by the fall of 1974," Hesch said. "We have met and exceeded the projections every year."

"It's true enrollment is increasing at a phenomenal level," Provost E. C. Frederick said. "But," he emphasized, "it's also increasing at an accelerating rate."

He added that UMW does not experience its heaviest enrollment in the fall because of the agricultural orientation of the college. Winter enrollment figures may well exceed fall levels.

Last fall UMW had a 27 percent increase. This year enrollment is up 32 percent. When UMW opened its doors as a technical college for agriculture in fall 1971, 160 students enrolled. Last fall there were 406 students. As of this September UMW had 526 students. As of these, 213 are returning students, and 323 are new students.

Frederick attributes UMW's favorable situation in large part to his belief that a technical school for agriculture is the "right type of institution for the time".

"Technical colleges have come of age," Frederick said. "This is evidenced by student interest."

"We're not filling the demand," he continued. "There is a strong demand in the agricultural industry for employees at mid-management, semi-professional levels and that's what we're training students for."

"There is a real need for agricultural technicians because of the technological advances in agriculture," he said. Frederick explained that the complexity of the agricultural industry demands educated personnel; there is no longer simplicity in agriculture.

The technical colleges in Minnesota are specialized institutions designed for people with especially strong interest levels in particular subjects.

"We're interested in combining technical education with related education," Frederick said. "We're a combination of a four-year college and a vocational school."

Or, as he restated in agricultural terms, "We're a hybrid institution with hybrid vigor."

"And," he noted, "students enjoy it here. They're people with the same goal orientation. Here the farm kid is kingpin! He is president of the student senate."

Of course, part of what accounts for the high student interest in UMW is the student's ultimate job placement potential when he or she graduates from one of the two-year programs. The demand for agricultural technicians is there. The job board at the UMW placement office currently has about 160 unfilled positions waiting for students with skills to offer agricultural industry.

Student input increases on Waseca campus

The UMW student senate is currently considering a predominantly student population on the UMW fees committee — part of the trend toward more student input that is under-

Medical Foundation announces distinguished teaching awards, approves six research grants

The 13th Annual Distinguished Teaching Prizes of the Minnesota Medical Foundation have been awarded to Drs. Gerhard K. Brand, Jesse E. Edwards and James H. Moller for excellence in teaching University of Minnesota Medical School students.

The three were selected by a poll of the medical student body and are the 23rd, 24th and 25th teachers to receive the award since 1962. Each receives a \$1,000 prize.

Dr. Brand is a professor of microbiology. The 52-year-old Brand was born in Germany and received his medical degree from the University of Hamburg in 1949. He joined the faculty of the University's Medical School in 1957.

Dr. Edwards, 63, is a full-time clinical pathologist at Miller Hospital, St. Paul, and a part-time teacher of medical students. He received his medical degree from Tufts College Medical School, Medford, Mass., in 1935.

Dr. Moller, a professor of pediatrics and a specialist in pediatric cardiology, is the first repeat winner of the Distinguished Teaching Award, having also received it in 1967. Moller, 42, received his medical degree from Stanford University School of Medicine in 1958 and joined the Medical School faculty in 1965.

The teaching awards were announced at the 36th Annual Meeting of the Minnesota Medical Foundation.

This non-profit corporation which serves as a medical benefactor to the University also recently approved six new research grants totaling \$42,241.

Two of the grants are for \$9,500 each, to Dr. Jonathan M. Gerrard, research specialist in the department of pediatrics,



Dr. Jesse Edwards

and Dr. Jerrold M. Milstein, assistant professor of pediatric neurology.

Dr. John R. Balfanz, medical fellow in pediatrics, will receive \$7,727 to study the role of the spleen in bacterial infection; Dr. Leopoldo Raji, assistant professor of medicine, will receive \$8,500 to try to determine the type of structure in the membrane of lymphocytes that reacts with antibodies; Dr. Richard Eisenberg, assistant professor of pharmacology, received \$5,482 to study the effects of Librium and Valium on rats, and Dr. Joseph Westermeyer, associate professor of psychiatry, receives \$1,500 for a study of mental illness in a peasant society.



DR. GERHARD BRAND, right, is pictured with one of his students. Brand, a professor of microbiology, was also the recipient of a 1974 Medical Foundation Distinguished Teaching Award.



Enrollment at University is at all-time high

Student enrollment at the University this quarter is the highest it has ever been. University President C. Peter Magrath reported in mid-October that this year's figure—51,834 students on all campuses—represents an increase of 3.8 percent over last year's enrollment of 49,935. The previous high in total enrollment was 51,449 recorded in fall 1971.

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

The enrollment predicted by the administration for the Twin Cities campus missed the actual total by 2,000, the increase coming in the registration of second, third and fourth year students returning to school. More older students are attending the University, Magrath said, citing reports from faculty of many 30- to 50-year-olds in regular classes.

A 32 percent increase in enrollment was recorded in the University's Technical College in Waseca, where 536 are enrolled compared to 406 a year ago. A smaller increase of 11.2 percent was reported for the Crookston college, up 851 from 765. Enrollment at Duluth remained stable at approximately 5,578, and that at Morris declined slightly to 1,559.

University programs experiencing the largest increases were post-MD medical fellows, up 401 from 200; Duluth campus social work, up 32.4 percent; dental hygiene, up 31.3 percent; biological sciences, up 25.5 percent; Duluth campus medicine, up 25 percent; business, up 21.6 percent; and agriculture, up 15.1 percent.

Slight declines of about two percent were reported for General College, home economics and the College of Education. The latter college decline follows national trends, according to Magrath.

Hospitals Board named by Regents

A 21-member board of governors which will oversee University of Minnesota Hospitals has been established by the Board of Regents. Fifteen board members from the public sector and six ex-officio voting members from the University will manage the \$55 million annual budget of the 750-bed hospitals.



Harry Atwood

Public members include Harry Atwood '38BA, Minneapolis, noted local and state authority on health care delivery who is the immediate past president of the Minnesota Alumni Association and president of Northwestern National Life Insurance Company; Judy Brandenburg, Worthington, Minn., community activist; Charlie Deegan, Minneapolis, director of the Indian Health Board; Orville Evenson, Minneapolis, business agent of Cement Masons Union 557;

Mrs. Archie Givens, Jr., Minneapolis, president of the Minnesota Foundation for Sickle Cell Anemia; Albert D. Hanser, Minneapolis, vice president of Dain, Kallman & Quail Investment Company; Stanley Holquist, 36BS '40MS, Grove City, Minn., a former Minnesota legislator;

Mrs. Martin Lebedoff, Minneapolis, a trustee



THIS THREE-TIERED, enclosed pedestrian walkway between Blegen Hall and the Social Sciences Tower on the West Bank campus of the University of Minnesota will receive heavy use during the winter quarter months.

tee of Children's Health Center & Hospital; Marie Manthey, St. Paul, director of nursing services for United Hospitals; Mrs. George Pillsbury, Minneapolis, community activist; John Quistgaard, Bemidji, a semi-retired pharmacist;

Robin Ruiz, St. Paul, founder of the West-side Health Clinic; Donald Shank, Duluth, a trustee of St. Luke's Hospital; Dr. John Tiede '34DDS, LeCenter, Minn., past president of the Minnesota Dental Association; and Mrs. Timothy Vann, St. Paul, director of the Martin Luther King Center.

Among the ex-officio members are Mary Jo Anderson, University nursing student; Dr.

Donald Hastings, former chief of the Hospitals medical staff; Dr. Michael Paparella, chairman of the Council of Clinical Chiefs; Dr. Erwin Schaffer '45DDS '51MSD, dean of the School of Dentistry; John Westerman '55LLB '60MPH, general director of the Hospitals; and Dr. Paul Winchell, chief of the Hospitals medical staff.

The board will serve under the Regents. It has been in the planning stage for almost a year and is intended to be a model for other University-owned teaching hospitals around the country that must establish governing boards to meet the requirements of the Joint Commission on Hospital accreditation.

Mining officials ask for more University programs

Representatives of Minnesota's mining industry have warned of a potential "minerals crisis" and called on the University of Minnesota to provide more training and research for mining engineers.

"We've got a hell of a crisis coming in the minerals and we've got to have the engineers to deal with it," James B. Hustad, manager of mineral development for the Hallett Minerals company, said. He and other members of the Minnesota section of the American Institute of Mining, Metallurgical and Petroleum Engineers (AIME) met with University President C. Peter Magrath and some members of the Board of Regents in Duluth in early November.

Clyde D. Keith, general manager of the Erie Mining Company, Hoyt Lakes, Minn., presented the group's proposals. He asked the University to:

"First, establish a three-year program at the University of Minnesota, Duluth, in which the students would spend their fourth year of the Twin Cities campus.

"Two, reinstate the status of minerals engineering in the University system, and three, commit the University to a revitalized Mineral Resource Research Center."

The recommendation is for three additional faculty members to supervise pre-engineering programs and to teach engineering courses.

Development of Minnesota's low-grade non-magnetic taconite ore, manganese, peat, copper nickel and aluminum bearing anorthosite rock is important to stave off a mineral crisis, Keith said.

"With the University taking the lead, we could be assured that further development of Minnesota's iron deposits and of our copper nickel deposits will be accomplished in a manner compatible with Minnesota's environmental objectives," he said.

"We can't do that as a nation graduating 250 minerals engineers a year and Minnesota cannot hold its place in that responsibility by graduating 16 per year," Keith said.

"It is evident that the educational and research efforts at the University of Minnesota in the department of minerals engineering have deteriorated significantly over the last 20 years," he added.

He also criticized legislative action which cut off the \$150,000 annual budget in state funds to the Minerals Resource Research Center (MRRC).

Magrath said the University has been studying the needs of the mining fields and that a faculty committee will complete its report by the end of the calendar year.

"We are trying to keep the MRRC funded at about \$200,000 a year in our legislative request," he said.

Magrath asked the AIME representatives what financial assistance the University could expect from the industry in this effort.

"The University is getting a considerable amount of financial help from the mining industry in this state," said John D. Boentje, Jr., president and director of the Pittsburgh Pacific Company and the Coons Pacific Company, both in Hibbing.



Lorca And Jimenez

Robert Bly, the Minnesota poet, has made an unique gift to Americans in the translations of poems by Spanish-speaking poets. LORCA AND JIMENEZ (Beacon Press, \$7.95) is the third in a series of translation projects originating in the Seventies Press. Since 1958 Bly has been responsible for the operation of this press which has worked to introduce relatively unknown European and South American poets to American audiences because adequate translations of their works have not been made.

Bly has written introductions to poems which he selected and translated for the volume. These highlight the characteristics of the poems, marking the individuality of the poets. In themselves they are essays of beauty.

The two Spanish poets of the 20th century, both dead, differ in their expressions as well as their approach to life. Jimenez' imagery is thistledown light. The reader follows his thoughts without detours. Lorca sees life's sordid sights and covers them with distortions.

Both poets lived in New York for short periods. Jimenez used prose essays to describe some of his experiences there. And his humor shows through in them. Lorca saw the city without amusement, as a filthy, lonely place. Lorca is a poet who wants, desires as a person. Bly says there was never a poet like him; that the reader makes a secret friend as he reads.

The book is bi-lingual. The Spanish original is on the left hand page; the translation on the right. — W.S.L.

The Restless Centuries

Teachers and supervisors in history or social studies looking for textbooks should take a long look at THE RESTLESS CENTURIES: A HISTORY OF AMERICAN PEOPLE by Peter N. Carroll and David W. Noble, both professors in the history department at the University of Minnesota.

For students — and teachers — who find historical details mind-busters which shut out the grand sweep and significance of history, the book is a find. The authors view American history in all of its aspects. The student and the reader see it as a whole, not fragmented into economic, political, cultural, religious compartments.

Beginning with the European background for the opening of America, the text concludes with history since 1920: economic, social, cultural, political, history and foreign policy. Each section has a supplementary reading list. A series of maps adds visual understanding to the text and a good index is helpful.

The book was published in Minneapolis by Burgess Publishing Company at \$5.95, paperback. — W.S.L.

Minnesota Playing Cards



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Death On The Tundra

The impact of oil exploration and the building of a pipeline on Alaskan ecology has been widely publicized. The impact of the civilization OF THE Lower Forty-eight on Eskimos and Indians presented in scientific articles and books is seldom read by the public.

Stacey B. Day, who received his MD, PhD, DSc degrees from Minnesota, was on the University faculty until recently. He was conservator and head of the Bell Museum of Pathobiology in the Medical School. He is now head of Biomedical Communications and Medical Education at Sloan-Kettering Institute of Cancer Research, New York.

In 1972 he went to the largest Eskimo village in Barrow, Alaska to study their attitudes toward death and mourning. TULUAK & AMAULIK (Bell Museum of Pathobiology, University of Minnesota Medical School) is the written record of that study. The small paperback's contents are dialogues between Dr. Day and the Inuit Eskimos of Point Barrow and Wainwright. Taped recorded, they were transcribed very much as they took place. Thomas Dillon Redshaw, M.A., research scholar in the Bell Museum, assisted in the editorial work.

It is evident that Dr. Day was well received in the most northern of Alaskan settlements. Besides the dialogues, his personal, recorded comments describe weather, scenery, flora and fauna. The reader perceives his awe and delight. There are also stories and legends related to death interspersing the taped conversations.

Dr. Day's comments lead easily into the questions he asks each individual: What is their attitude towards death; what customs are observed; what kinds of funerals are held; how are people buried; are there suicides; what is their attitude towards killing animals in hunting; is there fear of death when one hunts? He knew the old stories about elderly people and babies being left to die and he asked each person about whether they were true. He wanted to know about witchcraft, the shaman and the effect of Christianity upon attitudes. His first and last conversations were with church workers. He wanted to know the story about the snow bunting which no one would kill because it is the first to come in the spring and it brings good luck to the person who first sees it and on whose house it sits. It is "God's bird." The reason for its sanctity has been lost in time. Each speaker could only say that his mother told him never to kill the amaulik.

Snowmobiles have replaced dogs and sleds in the north. Family units are being broken as children go to school in the Lower Forty-eight and then return home to boredom. Alcohol and drugs are social problems. Epidemics brought disaster in past years.

This book, named for the raven and the snow bird, refers to songs and dances performed by some of the conversationalists. Two poems in the book may be songs. The dances, which have never been photographed nor recorded, will be lost when the old people die.

Although Dr. Day's book may not have been published for general reading, it deserves public attention. His book is a fascinating record of a changing culture on this continent and within the United States. — W.S.L.

Joining The Human Race

Alumnus Fred E. H. Schroeder is an associate professor of English at the University of Minnesota, Duluth. He teaches humanities and American studies. In 1970 and 1971 he lectured in small towns and cities in 29 states as a consultant for the National Humanities Series. He has taught at all levels of education and he believes that "the most dynamic force in American public education today is the 'Humanities' movement." He believes this because he sees humanities as the means to teach young people who they are in a world of relevance which has evolved from history. But history, to him, is more than political history. It is man's struggle to cope with his problems, to express himself creatively. Humanities, well taught, is the springboard to learning.

JOINING THE HUMAN RACE: HOW TO TEACH THE HUMANITIES (Everett/Edwards, Inc., \$10) is Dr. Schroeder's manual. This is a real how-to-do it for teachers faced with changes in curriculum as well as for those who are bogged down in handling students who have chosen the course "because it seems easy."

This reader comes in neither category. To her it became a handbook for adult education, individually taught. There are holes in every human's education, not just in the young's.

The humanities course in many schools, according to Dr. Schroeder, goes in too many directions. He chooses the Renaissance as a basis for his curriculum-planning. Humanities is "the integrated study of man, man's problems and man's achievements." He discusses the use and abuses of the interdisciplinary method and gives no definition of the word. He will not have specialization in the proper use of the method. The humanist teacher, through the interdisciplinary approach, can "restore to human beings a creative force."

The author favors the bartender's attitude in bringing discussion to the classroom. The bartender is not a discussion leader; he is an arbiter. The teacher goes beyond that when current events and daily happenings are the grist for

conversation. He "can balance the relevance and immediacy of present-day man and his problems with the perspective gained from the great works and men of the past."

Good teaching of humanities must make the student more than a receptor and interpreter. He must become a creator. He must learn to freeze moments in his life which are significant, looking at them objectively. The use of the camera has value, giving the student a chance to read details — Dr. Schroeder uses his viewfinder to study paintings.

Since there are many approaches to the teaching of humanities, he guides the neophyte through teaching literature, American studies, pop culture and then suggests what he can do until he achieves the ultimate in education, the doctorate. Training the humanities' teacher is new. English majors are more apt to adopt the teaching of humanities, though teachers trained in history, classics, philosophy, speech, art history, comparative literature and American studies, through their own enthusiasm, are candidates. The true humanities' teacher is a non-specialist, "specializing in the interaction of the individual and his cultural environment."

The selection of readings given in the Appendix will assure the non-teacher more than a winter of wide-ranging education. The books, many of them paperbacks, can help fulfill those holes in past education. — W.S.L.

Lifeway Leap

You have been able to buy LIFEWAY LEAP: THE DYNAMICS OF CHANGE IN AMERICA (Minnesota Press, \$4.95) in paperback ever since it was published last year. How many have done so and how many have read it? We wish that everyone in government and all who participate in politics would. The layman will find an understanding of how change works if he sticks to the text.

Luther P. Gerlach, professor of anthropology at Minnesota, and Virginia H. Hine, an anthropologist at the University of Miami, are the authors. Perhaps you read Dr. Gerlach's "Four Emerging Factors to Our Future" in Perspective or the segment he wrote for the *Christian Science Monitor*'s series, "Exploring the Future." Or perhaps you saw the three films used on KTCA-TV on people and change. All stem from the two books Dr. Gerlach and Dr. Hine have written. The first was *People, Power, Change: Movements of Social Transformation*.

Critical choices are being forced upon us. Shortages of raw materials, food, manufactured goods are creating the necessity for change in living habits. We are living in close proximity to tribal societies for whom we have attempted to change ways of living. Can we learn something about a controlled, no-growth life from them? How do we make choices? Will there be chaos in change forced upon us?

Drs. Gerlach and Hine have explained change through evolution and revolution. They have explained systems of kinds: biological, mechanical, ecological and social. The social structure system is their main concern since it will determine the future.

We have "tunnel vision," in other words, we look at a problem as one to be solved without seeing it as a part of complexity. Solution often creates more problems. Witness the proposal to mine copper in the Boundary Waters Area or the problem of taconite waste. The authors cite other examples not as close to home. Linear thinking has to be replaced by system-oriented concepts.

The book gives us two choices for the future: the one, the social planning of countries like China where a master plan is made for all; or, the evolutionary social changes going on presently in the United States. The authors have no argument against overall planning if it is multi-leveled. "Small-scale planning encourages diversity and provides controlled experiments. . . Local, state and even regional groups should be encouraged to develop limited plans which are themselves experiments, open to assessment and revision, open to selective pressures in competition with others."

The ecologists and consumer protectionists are practitioners of the authors' theme. They may not know consciously about systems, multi-faceted decisions and the scientific way to arrive at conclusions, but they know how to create questions and to arouse public opinion. This is evolutionary change, proposed also by Nelson Rockefeller's Commission on Critical Choices for Americans. — W.S.L.

Programmed Self-Acceptance

Jess Lair's "I AIN'T MUCH, BABY; BUT I'M ALL I'VE GOT" (Doubleday, \$2.95) has been around for a long time, but it was still listed among best sellers in paperbacks in the *New York Times Book Review* in early August.

We read it upon publication, found it puzzling in that we did not think Dr. Lair practiced what he preached. Although we have not read the next book, HEY, GOD, WHAT SHOULD I DO NOW?, written by Dr. Lair and his wife, we think that the followup proved the point.

The first book was a transcription of classroom talks at Montana State. The edition we read is revised. Dr. Lair teaches educational psychology. He belongs to the group of people who believe that the loner can never achieve a rich life. To touch is to share and to share is

GOPHER TALES

Forgive me for giggling, but Big Ten basketball coaches are talking about Minnesota being a contender for the conference championship. Minnesota coach Bill Musselman assumes the same, and then starts talking about various goals in the outer universe.

What's so funny? Well, two of the Gopher starters are native Minnesotans. I'll wait while you finish laughing . . . humor of this sort should be savored.

I suppose a few of you aren't in on the joke. See, the joke is that our state is about as renowned for basketball as Hawaii is for snowmobiling. Every Ice Age the state produces a super star or two.

Three years ago Minnesota won its first Big Ten title since Roosevelt (Franklin, not Teddy), and most people thought even the managers were from out of state. (I used to tell people they were a package deal from Bedford-Stuyvesant in New York.)

Actually, there was one prominent player, Dave Winfield, who is a native Minnesotan. Not that he played like it. He could jump high, move quickly and effortlessly, shoot well . . . in other words, he could walk and chew tobacco at the same time.

Lest you think I exaggerate the condition of Minnesota high school basketball all these many years, let me remind you that not long ago a Gopher coach was dismissed because his home-grown squad was feasted on by nearly every opponent.

And now that I have dazzled you with my humor, information and logic, I must confess I haven't been completely honest. Back there in the first paragraph where I said I was giggling, well, I haven't been giggling about Minnesota having two state starters and having title ambitions since I saw the young men play.

Mark Olberding and Mark Landsberger are outstanding basketball prospects from Melrose, and Mounds View. Even after checking their papers I still don't believe it, but I guess it's true.

Olberding and Landsberger, both 6-foot-8, were sought by major basketball schools throughout the country. The fact they're from Minnesota makes anything plausible (I'm going pheasant hunting in New York's Central Park tomorrow).

The 225-pound Olberding may well be one of the nation's premiere freshmen forwards. Mature and strong, Olberding looks like he has had a man's physique all his life. He doesn't grab rebounds, he smothers them. Olberding goes after every rebound like the family jewels were inside, and teammates who have interfered have paid with bumps and bruises.

Musselman, who almost smiles with pleasure every time the name is mentioned, says Olberding is a skilled shooter, passer and defender.

Musselman was not so quick in recognizing the talents of Landsberger. Landsberger spent last season at a California junior college after beginning his college education at Rice. Landsberger really wowed the Golden State natives. He averaged over 25 points per game and was selected the Most Valuable Player in the state junior college system. I tell all my California friends we have six or seven players per year better than Landsberger.

Landsberger is a superb shooter as far out as 30-feet, and a year of competitive junior college ball has helped to tune the rest of his game. Landsberger is a particularly good offensive rebounder, and Musselman looks forward to turning him and Olberding loose on the likes of Fred Taylor's Ohio State Buckeyes.

Olberding and Landsberger are one-third of the Slick Six recruiting job Musselman pulled off last spring. The others are 6-foot-11 Chad Nelson, Yankton, S.D.; 6-foot-9 Dave Winey, Danvers, Mass.; 6-foot-9 Mike Thompson, Miami, Fla.; and 6-foot-1 Osborne Lockhart, Miami, Fla.

Basketball scouts and writers claim the group

(Continued on page 6)

fulfillment. In other words, to learn to know oneself can be achieved only through learning how to love others.

Dr. Lair uses case histories from his classes to illustrate his points. He writes in the speech of the students. He has a tendency to repeat to drive home his point. The point makes sense when one is looking into the faces of restless, anxious teenagers. He bases the book on two assumptions: ". . . that you can solve all your problems that can be solved by going in search of that unique, magnificent yourself. Two, when you do that you will have the tremendous reward of acceptance of others, which frees them to go in search of themselves, too."

The book is being used in many colleges as well as in clinics. Dr. Lair, who did not start adult life in teaching, but found the course after having had a severe heart attack, speaks often at education and medical gatherings. — W.S.L.



Michael Thompson



Osborne Lockhart



Mark Olberding

Gopher Tales . . .

is one of the five best incoming classes in the country. *Basketball Weekly* rates the Slick Six the best. *Basketball Weekly* is considered god among basketball publications.

All of the incoming players, except for Lockhart, made one or more prep All-American or junior college All-American teams. Yet Lockhart may well turn out to be one of the keys to the season. He may run the offense as the point guard.

Lockhart is a skilled athlete with uncommon poise (he played for the U.S. soccer team at 16). He directed his high school team to the state title (33-0), and averaged just 1.7 turnovers per game. Does Musselman like that? Does America like hamburgers?

But the others will contribute, too. If not immediately as starters, then they will at least provide competition in practice and depth in games.

Nelson might well be the center. In fact, at 250-pounds he could be the center of just about anything. Nelson needs work, but Musselman likes the young man's attitude, and strength.

Winey's future is as a forward. He is an exceptional outside shooter for such a large player, and his offensive average of nearly 30 points per game helped him win the Boston Globe's Most Valuable Player title of the New England states.

Thompson, a high school teammate of Lockhart, could play center or forward. His scoring skills need improvement, but he has shot blocking and rebounding abilities.

The young players join a group of returnees who struggled to a 12-12 record in all games, and 6-8 in the Big Ten last year. Returnees are 6-foot-7 forward Pete Gilcud, 6-foot-7 forward Phil Filer, 6-foot-5 guard Dennis Shaffer, 6-foot-5 forward Charles Sims, 6-foot-1 guard Ken Robinson and 6-foot guard Phil Saunders.

Filer and Shaffer may have the best chance to start. Filer is the quickest of the front line players, jumps and rebounds well and can score inside 15-feet. Shaffer is a tremendous pure shooter, and while he was on and off last year, he did average 17.2 points per game.

Other veterans have a chance to play, too. Gilcud, whose reluctance to shoot makes him a basketball oddity, Saunders, and Robinson are particularly good possibilities.

With so many young players with talent, and older players with experience, lineups are likely to fluctuate all season. One combination Musselman liked in November was Olberding, Landsberger, Nelson, Shaffer and Lockhart.

Musselman will certainly select a lineup that is tall and muscular. The Gophers will be formidable on the boards against any foe, and menacing to shoot over when they lineup in their match-up zone. As usual, most of the running will be confined to the pre-game warmup. Musselman will stay with his deliberate offense, selecting high percentage shots and eating up the clock.

The Gophers will not be a quick team, nor a particularly experienced team. Their better foes will undoubtedly try to pressure Minnesota with full and half court defenses, and force the Gophers into a running game while trying to tire them out. (The Gophers lack of quickness and one-on-one offensive players may also cause scoring problems.)

For now, however, Musselman isn't dwelling on deficiencies. He says this team is potentially the best he's ever coached. "We think we can be a national power," Musselman says.

It will be no easy task even being a Big Ten power because the conference is improved. In recent years there has been an influx of outstanding coaches, and there just aren't too many cake-walks left in the league.

The conference coaches think Minnesota may finish third, although Illinois and Michigan have different ideas. Indiana is rated first be-



Dave Winey



Chad Nelson

cause the Hoosiers tied for the title last year and have everyone back including that nasty coach, Purdue, with maybe the league's best coach in Fred Schaus, is a solid choice for second.

The Gopher schedule has a new look. There are the usual patsies in early December, but there is a tough home game with Stanford and road contest at Furman. Then the Gophers host the first Pillsbury Classic at Met Sports Center. The foes are no joke. Well, Navy is Navy, but Clemson may challenge defending national champion North Carolina State for the Atlantic Coast Conference title and Auburn's freshman team is on a par with Minnesota's.

The Big Ten goes to a round robin schedule for the first time beginning in January. The Gophers would appear to have two key runs on the schedule. Within the span of January 2 to January 6 the Gophers play at Wisconsin, and host Purdue and Illinois. Later on they play consecutive road games at Iowa, Northwestern and Illinois within an eight-day period.

If the season goes badly, remember there are always the pre-game shows. In fact, if the team starts losing the house may be full for the pre-game show, and partially empty at 8 o'clock.

Why? Where else can you see a juggling act on a unicycle, a foot-dribbling exhibition, ball-handling tricks and a gold golf cart that will lead the players on the floor to the tune of "Keep the Ball Rolling?"

"At the circus," you say. Perhaps, but they don't have as many playing dates as the Gophers.

GOPHER BASKETBALL SCHEDULE

Dec. 14	NORTHERN ILLINOIS U
Dec. 16	STANFORD UNIVERSITY
Dec. 18	Loyola University at Chicago, Ill.
Dec. 21	Furman University at Greenville, S.C.
Dec. 27	PILLSBURY CLASSIC, at MET SPORTS CENTER, BLOOMINGTON
Jan. 2	Wisconsin at Madison, Wis.
Jan. 4	PURDUE
Jan. 6	UNIVERSITY OF ILLINOIS
Jan. 11	Ohio State at Columbus, Ohio
Jan. 13	Indiana at Bloomington, Inc.
Jan. 18	MICHIGAN STATE U
Jan. 20	MICHIGAN
Jan. 25	Iowa at Iowa City, Iowa
Feb. 1	Northwestern at Evanston, Ill.
Feb. 3	Illinois at Champaign, Ill.
Feb. 8	OHIO STATE
Feb. 10	INDIANA
Feb. 15	Michigan State U at East Lansing, Mich.
Feb. 17	Michigan at Ann Arbor, Mich.
Feb. 22	IOWA
Mar. 1	NORTHWESTERN
Mar. 3	WISCONSIN
Mar. 8	Purdue at W. Lafayette, Ind.

Note: Home games are listed in caps and played at Williams Arena, except for the Pillsbury Classic which the Gophers host for the first time this year at Met Sports Center in Bloomington, Minn.

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—Will Rogers

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Date _____ X _____ Signature _____



Mark Landsberger



University researcher wins \$172,490
NLMH grant

David Laberge, a University professor of psychology and recognized authority on beginning and fluent reading, has been awarded a five-year grant by the National Institute of Mental Health (NLMH) to study the processing of perceptual information. He has received \$172,490 to be used for the maintenance of a computer-based laboratory and graduate assistants' salaries.

Laberge will investigate the way people learn to perceive visual patterns and the relations between these patterns. In his study, he will emphasize, in particular, the way concentration is important in the early stages of pattern and relation learning, and is gradually withdrawn with training when recognition becomes automatic.

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

His laboratory is located in Elliott Hall, the University's psychology building, where he is engaged in research on reading with S. Jay Samuels.

Membrane unit receives \$1 million cancer grant

The Minnesota Membrane Unit, an interdisciplinary group of University researchers, has received a grant of more than \$1 million from the National Cancer Institute. The grant will finance further exploration into changes in cell membranes and related



Dr. Nelson Goldberg

cell components that may transform normal cells into malignant cells.

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

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

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

and promotes the generation of cyclic AMP (the first messenger) within the cell which tells the cell to perform a specific function.

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

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

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

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

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

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

University offers art study in Mexico

Three months of work and study with Mexican artisans and craftsmen will be the central feature of

the University's Continuing Education & Extension winter quarter in Mexico in 1975. The program is open to anyone, student or non-student, and can accommodate both experienced and novice artists.

From January 6 until March 22, students who register will live and work in Tlaxiaco, Oaxaca, Mexico, under the guidance of experienced teachers and the aid of local craftsmen. These artisans practice traditional methods in ceramic work, weaving and metal work, within a cultural framework basically unaffected by most aspects of contemporary urban culture.

Students in the program will study the specific art and craft techniques and the cultural context in which they are produced. Each student will register for a minimum of 12 credits, with 8 of these in studio arts and the rest drawn from such fields as linguistics, anthropology, Spanish, archaeology or related arts.

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

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

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

1974 University financial report issued by Vice President Brinkerhoff

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

Of this, the State of Minnesota provided 33.8 percent, according to the annual University financial report released in October.

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

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

(Continued on page 12)

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Class of '34 enjoys the success and the happiness of the vigorous

As the University of Minnesota's Class of 1934 members were about the began their careers, they would begin in a nation struggling out of depression — but the worst of that gray economic despair was behind them; Roosevelt has declared his "bank holiday". Congress had known its "100 Days" and the New Deal was in full swing. America was experiencing hope and laughter despite its national crisis. The vigor of the country's people is reflected in the lives and accomplishments of members of the Class of 1934.

A number of these class members recently filled out Reunion By Mail forms for the Alumni Association, and what you read in the next paragraphs mirrors their lives and their achievements. Some class members were solicited for photographs and asked what were the most important things that had happened to them in recent months, and what their first memory of the University of Minnesota was. Their photos appear on these pages and their answers to the Association's queries are printed in ruled italics throughout this article.

Among the Science, Literature and Arts graduates responding to the questionnaire was Renee Silberman Cammins of Minnetonka, Minn., who says she is a housewife . . . Esther Nelson Holste, St. Paul, who received her bachelor's degree in library science, is a librarian at Alexander Ramsey High School in Roseville, Minn., having held the same position for eight years previously at Minneapolis' South High. Her husband Merrill is also a 1934 University graduate.

Carl E. Erickson '34LLB: *The most important thing that has happened to me in recent months is that the electorate of Crow Wing County have liberated me from my duties as county attorney after 20 years in that office. On the positive side, our son, John, finished the University of Minnesota Law School this spring, was admitted to the bar and is now clerking for the Chief Justice of the Minnesota Supreme Court, Robert Sheran.*

My first memory of the University of Minnesota was when my oldest brother, John, started in the fall of 1920. That was when I was nine years old . . .

John "Jack" Smith, Jr., Evanston, Ill., also married a 1934 graduate, Jeanette Lockwood. Jack is currently account supervisor for Harshe-Rotman & Druck, Inc., and has had an outstanding public relations career with the national media, as a writer and lecturer . . . Rachel Nichols Taylor, Leonia, N.J., a librarian at Eleanor Van Gelder School, is three-time winner of New Jersey's Book Review awards. Her husband Dr. T. Ivan Taylor, who died in 1973, was an associate professor of chemistry at the University from 1938-42.

Noreen Haugen Thomas, Hibbing, Minn., retired as editor of the weekly newspaper, *The Eastern Itasca*, after 24 years, less maternity leaves, on the job . . . Mary Gardner Vance, Lafayette, Calif., is finishing her fourth year as a church trustee.

Ida Petra Jerome Davies, St. Paul, received her MSW from the University in 1938 and today is principal psychiatric social worker for the Hennepin County Mental Health Center. An active author and feminist, she and her alumnus husband still enjoy back-packing in the mountains, white-water canoeing on Minnesota and Wisconsin rivers, sailing and cross-country skiing . . . Elizabeth Sherman Kast, Aitkin, Minn., has spent her entire career in social work. She is currently a casework supervisor with the Aitkin County Family Service Agency.

Jeanette Barquist Paul, Wayzata, Minn.,

Edith Potter Meyer '34MD:

I retired from a professorship at the University of Chicago in 1967 at which time my sculptor-husband and I built a house, dug two ponds and landscaped a four-acre garden near Fort Myers, Florida. Since retiring from the medical field I have become an ardent horticulturist and am considered something of a local authority on subtropical flora.

I have still maintained some medical contacts, however, and had a book titled The Normal and Abnormal Development of the Kidney published by the Book Medical Publishers last year and have the third edition of Pathology of the Fetus and Infant now in press with the same publishers.

In the fall of 1973 my husband, daughter and I were part of a group of 15 who made a trip around the world visiting places we had not seen on two previous trips, such as Nepal, Afghanistan, Kashmir, rural Burma and Iran.

When I think of the University of Minnesota I think particularly of Dr. E. T. Bell — in his clinical pathological conferences which he always enjoyed conducting as puzzle-solvers — in his office where he was always available to his students no matter how busy he was — and in his lectures which to me were the most interesting of any in medical school.

former president of Career Clinic, is welfare director for Dayton's . . . Alice Furbar Seppanen, Chisago, City, Minn., whose husband is a 1933 architecture graduate, most recently was a social worker with the Ramsey County Child Welfare Board.

Two General College graduates returned Reunion By Mail forms: Leighton Burrill, Selah, Wash., who is the owner-operator of a fruit ranch and has four children who have finished among the top 10 in their school classes and who have won a number of important prizes and scholarships . . . Dorothy Schlehr Grigg, San Diego, Calif., is a secretary at San Diego State University.

University College graduate Frances Ford, Long Beach, Calif., retired in 1973 as a counselor at Long Beach City College. She is still active as president of the Bougess-White Scholarship Foundation . . . Florence Billing Rusterholz, St. Paul, a housewife, returned as a part-time student to the University in 1966 and was awarded a master's degree in March 1972 . . . Ira Takle, St. Paul, a WWII veteran, is an investigator for the U.S. Civil Service Commission.

Agriculture graduate Orval Ause, Hinsdale, Ill., is a "retired" president and owner of the Great Lakes Packing Company. An active community leader in scouting, education and community-planning, he is an avid sportsman who has hunted and fished around the world . . . Harold Charnholm, Salem, Ore., a forestry major, went on to get a degree in business administration, and is currently a CPA with Lippold, Brenner & Bingeneimer. He also heads Charnholm's, Inc., an apartment business . . . Audrey Knox Cline, La Crosse, Wis., retired in 1973 after working as a home service director for Northern States Power Company and an instructor at Western Wisconsin Technical Institute.

Pearl Abramovich Feder, a Home Economics graduate, lives in Los Angeles, Calif . . . Ebenhard "Gandy" Gandrud, Owatonna, Minn., is the president and chief executive officer of the Gandy Company. An outstanding community leader, he has received a Congressional Medal for "Outstanding Contribution to American Agriculture" and the Silver Beaver Award from the Boy Scouts of America. He is the inventor of Gandy equipment and holds about 65 patents . . . Gardiner Graham, Roberts, Wis., has retired as a dairy farmer and soil conservationist.

Stanley Halvorson, Kalispell, Mont., is general manager of Equity Supply Company. For 13 years he has been a member of the State Highway Commission, and his wife has been a state representative . . . Milton Kernkamp, St. Paul, a professor of plant pathology at the University of Minnesota, is the author of numerous scientific papers, has traveled widely for his profession and held a number of organizational leadership positions.

Edward Molberg, Regina, Saskatchewan, Canada, is a research scientist with the Canadian government's Department of Agriculture . . . Ernest Olsen, San Antonio, Texas, retired John Deere & Company works manager, has had numerous articles published in trade jour-



nals and has traveled widely throughout the world . . . Harry J. Peterson, St. Paul, retired manager-treasurer of the Twin City Co-ops Credit Union, has also enjoyed travel since retirement.

Ruth Lohmann Smith, Atlanta, Mich., is a teacher and H.E.R.O. Co-op coordinator with Alpen Senior High School . . . Miriam West Stites, Los Altos, Calif., former field director of the Detroit Council of Camp Fire Girls, now lists herself as a housewife . . . G. Carroll Wallis, Clinton, Iowa, retired from Standard Brands, Inc., in 1966. Wallis, who also received his master's and PhD from the University, was an associate professor of dairy husbandry at South Dakota State University from 1934-43 . . . Leo Wiljamaa, Flint, Mich., who still maintains a summer home in Lake Vermillion, Minn., is an instructor in electricity and electronics at Mott Community College.

Dental Hygiene graduate Ruth Rauch O'Peilen, a Minneapolis housewife, is an active leader-community volunteer in more than 30 religious, cultural and health groups.

Dr. Arnold Amley is in general dental practice in St. Petersburg, Fla. Both of his sons are also dentists, specializing in orthodontics . . . Dr. Lloyd Childress is a dentist in Mora, Minn. A former barber, he also has a son who is a dentist . . . Dr. Robert Hart practices in

Harold E. Charnholm '34BBA:

This year I have served as president of three groups, the Capital Kiwanis Club of Salem, a breakfast service club; the 140-member Sons of Norway Thor Lodge #42, a fraternal group; and the Willamette Valley Estate Planning Council, a group of attorneys, CPAs, insurance underwriters and trust officers. And my wife Jean and I have attended three conventions — the Kiwanis District and the Sons of Norway District and International.

I do not have any special memories of the University in 1934, the year of my graduation. We enjoyed the University and would be active in an alumni group if we lived nearby. We do read the news and note how the University has grown. Tremendous.

AT THE TOP, above, is lone Brack Kadden with Minnesota Capitol sculptor John Daniels, center, and Governor Wendell Anderson on the occasion of Daniels' 99th birthday. At the center, left, is E. S. Gandrud, Owatonna, Minn., and at the right are Myrtle Tabbert Olds '34BSNur and George H. Olds '34MD. Immediately above are Norman and Margaret Bensen as they looked when Bensen became Worthy Patron of his Eastern Star Lodge.

Long Prairie, Minn. . . Dr. Walter S. Langston is currently a senior, attending Yale University Medical School.

Dr. Lawrence Radford, Vero Beach, Fla., retired in 1968 from the U.S. Army Dental Corps. He also spent seven years as a stock broker with Sincere & Co. . . . Dr. Eldon Springmeyer, Elysian, Minn., retired in 1971 as a self-employed dentist and now winters in Escondida, Calif. He is a past president of the Minnesota State Dental Association.

School of Nursing graduate Margaret Benson, Greenbelt, Md., has been chief of the Allergy and Infectious Diseases, Nursing Service, at the National Institutes of Health Clinical Center since 1953. An outstanding professional leader, she has received the Commendation Medal from the U.S. Public Health Service . . . Elsie E. Hasti, Redondo Beach, Calif., retired in 1973 after 18 years as a public health nurse with the Los Angeles County Health Department. She also was a Navy Reserve nurse for 30 years, posting 8 years of active duty . . . Lucile Bunnell LeRoy, Miramar, Fla., has been active as a registered nurse continuously since her graduation. She currently is area nurse supervisor for the South Florida State Mental Hospital.

Ruth Strandness McCullough, Bozeman, Mont., is a part-time teacher at Bozeman Senior High School. She earned her master's in nursing in 1968 . . . Merle Wilk McFeters,



Milwaukee, Wis., is director of the Columbia Hospital School of Nursing. She previously taught at Northwestern Hospital, Minneapolis, and Hamline University, St. Paul . . . Ferne Swenson Nelson, Slayton, Minn., is a housewife and helper at her husband's furniture store where the couple has won trips for their sales . . . Dorothy Tabbert Olds, New Richland, Minn., has retired from nursing and is now a housewife active in community work. Her husband is a 1934 medical school graduate.

Pharmacist Leslie Anshus, Minneapolis, has retired from the University of Minnesota Hospitals Pharmacy . . . Jack Cohen, Minneapolis, works as a semi-retired pharmacist at Walgreen's in Golden Valley, Minn . . . Irving Kaplan, Minneapolis, who also received his PhD from Minnesota, has retired from Kenesa Drugs . . . Alfred Naegele, Minneapolis, works as a part-time pharmacist at the Second Street Pharmacy.

Julius A. Coller II '34BA '34JD:

The most important thing or things that happened to me in recent months — at least from the enjoyment standpoint — was the Class of 1934 Reunion and the reunion of the class of 1934 of the Law School.

My first memory whenever I hear of or think about the University is always of the wonderful people that I learned to know during my University days and constantly meet in usual and in most unusual places.

Medical technologist Ruth Berens, St. Paul, worked as a med tech until 1944 when she became an x-ray technologist. She turned to education in 1965 and currently teaches at St. James School, St. Paul . . . Katherine Lemon Lord, Alfred, Maine, is a secretary for her doctor husband . . . Beatrice Burlingame Mason, Chippewa Falls, Wis., is active in the St. Joseph's Hospital Auxiliary, Catholic Woman's Club and with the Red Cross . . . Maxine Hill Peterson, Minneapolis, ended her career as a med tech at the Veteran's Administration Hospital, Minneapolis, in 1961, but still works at the hospital as a volunteer medical librarian. By herself she has built a 15-foot Snipe sailboat which she sails on Lake Nakomis.

Medical School graduate Dr. Frederic Becker, a former assistant clinical professor at the University, is a physician with The Duluth Clinic in Duluth, Minn. The author of medical textbooks, he received the best scientific award from the Minnesota Medical Association in 1941 and 1957 . . . Dr. John E. Flynn, Everett, Wash., is a practicing physician and surgeon with The Everett Clinic . . . Dr. Frederick Hadden is in private practice in gynecology in Natick, Mass. He is a past president of the Massachusetts Medical Society.

Dr. Harold Harlowe is an eye, ear and nose specialist with the Garberson Clinic in Miles

City, Mont . . . Dr. John A. Layne, a partner in The Great Falls (Mont.) Clinic, is vice president of The American College of Physicians and chairman of the Board of Commissioners of the Joint Commission on Accreditation of Hospitals . . . Dr. Curt Lundquist, past president of the Steele County Medical Society, is a physician specializing in ophthalmology in Owatonna, Minn.

Dr. Edith Potter Meyer, Fort Myers, Fla., retired as a professor from the University of Chicago in 1967. The recipient of an Outstanding Achievement Award from the University of Minnesota, she is the author of seven medical books . . . Dr. Mancel Mitchell, Edina, Minn., practices in Minneapolis . . . Dr. Aaron Modelevsky, a past president of the American Medical Association, is a private practice in Jonesboro, Ark . . . Dr. Einer Monson, Robbinsdale, Minn., is a partner in the Northport Medical Center, Minneapolis.

Dr. Hugh Morgan, in private practice as a physician and surgeon in Amboy, Minn., was honored in 1972 by his community for 36 years of service . . . Dr. Everett P. Nelson, Tacoma, Wash., retired as a physician in 1968 . . . Dr. Archie Nissen, Honolulu, Hawaii, has retired from the Veterans Administration . . . Dr. George H. Olds, a former high school coach and teacher, is a physician and surgeon in New Richland, Minn. He was honored by the village for 25 years of medical service in 1967 . . . Dr. Engward Penk is a physician and surgeon in Springfield, Minn.

Dr. Harold O. Peterson, St. Paul, a professor in radiology at the University of Minnesota, was head of his department from 1957-1969. He is the author of numerous medical papers and one book . . . Dr. Stanley C. Peterson, Sun City, Ariz., retired as a radiologist at St. Olaf Hospital, Austin, Minn., in 1972 . . . Dr. John T. Pewters, Minneapolis physician and surgeon, is a charter member of the American Board of Family Practice and a diplomate with the American Board of Family Practice . . . Dr. Theodore

Thomas F. Clark '34ChemE:

Perhaps the most important thing that is happening in recent months is my retirement from service with the Northern Regional Research Laboratory, USDA, in December. This will represent 39 and one half years of service with the federal government. However, I will not withdraw from scientific and technologic circles. To the contrary, I now have the opportunity to continue in a broader manner in a very challenging field of pulp and papermaking.

Mention of the University of Minnesota immediately brings to mind individuals such as Drs. M. Cannon Sneed, Lillian Cohen, Lee Irwin Smith and Ralph Montana from the School of Chemistry . . . that's a bit ago.

AT THE TOP, left is lawyer Julius A. Coller II, and at the right, classmates Margaret E. Benson and Alice Ames Scott in Hawaii in March 1974. Mrs. Scott was director of Public Health nursing for the Territory of Hawaii and the State of Hawaii for over 20 years and an active leader in national professional organizations as well as the Women's League of Voters.

At the bottom left are Grace and Everett Laitala of Clemson, South Carolina, and at the bottom right is T. F. Clark of Peoria, Illinois.

B. Rasmussen, Montreal, Quebec, Canada, is a professor of neurology and neurosurgery at McGill University and director emeritus of the Montreal Neurological Institute and Hospital. He has received Outstanding Achievement Awards from the University of Minnesota and the University of Chicago where he was a professor of neurosurgery.

Dr. Ralph Rossen, Minneapolis, director of L. E. Phillips Psychobiological Research at Mount Sinai and North Memorial Hospitals since 1954, is also director of L. E. Phillips Clinical Electroencephalographic and Sleep and Dream Laboratory at North Memorial. He previously was superintendent and medical director at the Hastings State Hospital . . . Dr. Karl E. Sandt is an ophthalmologist practicing in Minneapolis. Former chief of the Eye Service at Minneapolis General, he maintained a branch medical office in LaSolla, Calif. from 1966-73 . . . Dr. Harold Stemsrud, is a partner in the Alexander (Minn.) Clinic . . . Dr. Robert D. Thielen, New Brighton, Minn., retired in 1966 after 30 years of private practice in St. Michael, Minn. An active community leader, he is a former mayor of St. Michael.

Mortician Thomas Beaulieu, Graceville, Minn., owns Beaulieu's Funeral Homes in Browns Valley, Minn. He was mayor of his village for eight years . . . Benedict J. Bruzek is a mortician and funeral director in New Prague, Minn. A son, David, is currently in the Dental School at Minnesota . . . James Helgeson is the president of Helgeson Funeral Chapels Company in Roseau, Minn. The owner of three funeral homes and a hardware store, he is a very active community leader . . . Floyd A. Schenk is the owner-operator of Schenk Funeral Chapel in Yankton, S.D. He is also very involved with community organizations.

College of Education graduate Virginia Biddinger Baker, Dayton, Ohio, is a housewife after teaching commercial courses in Pine City and Faribault, Minn. . . Helen L. Wagner Burgott is a substitute teacher of math in the Birmingham (Mich.) high schools. She previously taught in South Bend, Ind., for 11 years . . . George B. Engberg, a professor of history at the University of Cincinnati (Ohio), is the author of numerous articles on labor history. He is currently vice chairman of the faculty at the University of Cincinnati . . . Clemens Freedman is principal of the South St. Paul Junior High School.

Ross Frederickson, Okabena, Minn., who earlier taught in the Wood Lake and Hector, Minn., public schools, is now president of the First State Bank in Okabena . . . Ruth Landmann Frost, Daphne, Ala., does volunteer work with the Daphne Head Start program . . . Laura K. Gillooley, Fergus Falls, Minn.,

E. S. Gandrud '34BSAg:

The first memory that I have when the University of Minnesota is mentioned goes back to 1920 when I was a boy on the home farm in Richwood Township, Becker County, ten miles north of Detroit Lakes, Minn. In March of that year I was recuperating from a bad case of influenza, and one day, when the sun was shining and the dairy cows were out in the yard for the first time in several weeks enjoying the sun, I, too, was out.

I looked down the big hill on which our farmstead was located and saw a Model T Ford stuck in a large snowbank, an oddity at that season of the year as transportation was usually by sleigh. My dad and three brothers picked up shovels and went down to shovel the car out and then re-routed the driver over some fields.

When the passengers in the Model T got up to our house, they noted the cattle in the yard and asked if some were for sale. They had been headed for a neighbor who had advertised some purebred holsteins, but returned later in the afternoon to negotiate for our cows. The buyer turned out to be Marius Waldahl of Plummer, Minn., who later that evening after chores, sitting around the heating stove in the living room, crouched behind dad's rocking chair, listening, I heard he had just graduated from the Central School of Agriculture at St. Paul. He and his brother were buying cattle to start a dairy herd.

Through Marius I learned that one could go to school and learn about the blood lines of cattle, about feeding balanced rations to dairy cattle, and learn in general about farming. I was keenly interested in agricultural school and finally matriculated to the Northwest School of Agriculture at Crookston, Minn. after the fall work was done on the farm. I had started six weeks late and had only six weeks left to complete the courses assigned to me, but made all my grades. I remember well having to get up at 4 o'clock in the morning to make up the six weeks of ROTC drill that I had missed.

That Model T stuck in the snowbank resulted in my training in agriculture, with five of us brothers graduating from the Northwest School of Agriculture. After five years as a dairy herdsman and a boy's counselor at the Lake Park Children's Home, I decided to matriculate at the College in St. Paul.

I worked my way through the University at the dairy barn, graduating in June 1934 with most of the work completed on my master's degree and my bachelor's degree finished.

My dairy major was impossible for a job and I was persuaded to become an assistant county agent in Ottertail County. I was appointed county agent in December 1934, in Pipestone County where I served until May of 1937 as a result of a friendly conversation with my boss, Art Engebretson.

I have been grateful to men like Engebretson, whom I vividly recall saying, "Gandy, we like you as a county agent, but you have talents and abilities that are given to you that should be developed for the nation's agriculture rather than confined in one county, and we recommend that you use your talents in developing implements and equipment that will benefit the entire nation's agriculture."

This cue resulted in my borrowing \$100 in October 1936 to start the E. S. Gandrud Company that was later called the Gandy Company.

Today, my daughter Linda, who is now Dr. Linda Gandrud Stoddard, is in veterinary practice at Miami, Florida, and my son Dale who completed his work on his master's in agronomy weed science in 1973 from the University of Minnesota, is now vice president of administration of the Gandy Company, following in his dad's tracks not only in the company's management, but in the technical phases of the agricultural granular chemical field. And he has the talent to develop (invent) new equipment that will be of assistance in feeding this hungry world . . .

retired in 1971 after 21 years as a professor of teaching at the University of Northern Iowa, Cedar Falls. The author and co-author of numerous articles on teaching, she was nominated in 1971 as one of two outstanding woman educators at the University of Northern Iowa.

Sidney F. Heath, who is owner of the Flame Theater and Park Hotel in Wells, Minn., is a homebound and substitute teacher in the Wells and Easton high school and vocational school.

Dr. Frederic T. Becker 'MD:

The big news — I retired August 1 after 38 years with the Duluth Clinic as head of their dermatology section. Now I divide my time between summer in Charlevoix, Michigan, and winters in Sun City, Arizona.

We have a large number of the Class of 1934 and other Minnesotans and Mayo fellows here in Sun City!

Erling A. Dalaker '34BS:

Recently I have decided to retire from the employment I have enjoyed with my only employer, Eastman Kodak Company, on February 1, 1975, after 38 and a half years, mainly in the Color Print and Processing organization at the home office in Rochester.

My recollections of the University of Minnesota stem from a long background of associations with the University and its life. They began with my birth at 523 Walnut Street Southeast, now the site of dormitories. My early schooling originated at old Motley School which was torn down to make room for the Memorial Stadium at the corner of Oak Street and Washington Avenue. They go then to bicycling through the campus to John Marshall High School, to walking every day to the School of Chemistry at the University.

In related memories I recall carrying folding chairs from the still-present Armory to Williams Field in the early 1920's, before and after each football game in order to gain free admission to the Minnesota games. I remember ushering as a Boy Scout at Memorial Stadium, including the day that the Stadium was dedicated in 1924 when Minnesota beat Illinois and when Red Grange lost more yards than he gained.

More recently my annual visits to Minnesota have been to spend part of our vacation at our cabin in Northern Minnesota near Hackensack. My wife Marguerite and I hope to continue these . . .

All four of his children have attended the University . . . Stanley Helleloid, International Falls, Minn., retired from Independent School District #361 in 1973 as a principal. He also taught in St. Charles and Mankato, Minn. . . Alice Swanberg Holcher is now a Minnetonka, Minn. housewife after teaching in Ironwood and Arlington, Mich. . . Ione Brack Kadden, a retired teacher living in St. Paul and a composer of songs, headed the committee that commissioned the portrait of Regents' Professor Alfred O. C. Nier that will hang in the University physics building where he isolated uranium 235-238.

Gloria Boock Laughlin, previously a speech teacher, is now a homemaker in St. Cloud, Minn. She has been district chairwoman of the Republican Party . . . Genevieve Johnson Miller retired in 1973 from the Knoxville (Iowa) public school system . . . Loraine Sogge Nordby is a kindergarten teacher in the Windom (Minn.) public schools . . . Dorothy Pearson Pavlish, a substitute teacher in the Chatfield, Minn. schools, also keeps busy as an organist and choir director, and assists in her husband's lumber yard and construction business.

Hildur Lundquist Peterson, retired Two Harbors, Minn. elementary teacher, was named Woman of the Year in 1969 by the Two Harbors Business & Professional Women . . . Thomas W. Raine, Kerrville, Texas, is a retired vocational-agricultural instructor from the Winona (Minn.) Vocational-Technical School. He also managed and operated a 180-acre farm for many years . . . Edith Blissett Roland, Detroit, Mich., has resigned her position with the Detroit Public Library, but is still active as a librarian in two churches.

Ethel Saupe retired in 1969 from the Tracy, Minn. school system. She is an internationally certified Master Graphoanalyst . . . Elmer Siebrecht, Seattle, Wash., retired in 1955 as a professor of psychology at Iowa State University. He earlier taught at Gustavus Adolphus College, St. Peter, Minn., where he was a college dean, and at New York University . . . Kenneth Simser, Blue Earth, Minn., is a rural mail carrier . . . Carol Thomas Spears, Stockton, Calif., retired in 1972 from the Lincoln United School District where she has been chairman of the business education.

Ruth Nelson Stennes is a housewife in Sun City, Ariz. . . Carroll Stenson, LeCenter, Minn., has retired after a career as a high school principal and special agent with the FBI. He was mayor of LeCenter for seven years . . . Corinne Chapman Thompson, Englewood, Colo., retired in 1956 after six years as an illustrator with the Denver division of Martin Marietta Aerospace . . . Veronica Schouweiler Wagner, Bismarck, N.D., retired from her work as a teacher and librarian in 1959.

Law School graduate Robert J. Christianson is a partner in the Minneapolis law firm of Faegre & Benson . . . William S. Churchill, a partner in the Huron, S.D. firm of Churchill, Saver & Manolis, is former board chairman of Huron College . . . Julius A. Coller II practices law in Shakopee, Minn. The author of three local Minnesota histories, he is the former president of the 8th Judicial District

Bar Association and has been city attorney for Shakopee since 1935.

Carl E. Erickson, a partner in the Brainerd, Minn. firm of Erickson & Casey, and Crow Wing County Attorney, has headed all the major fraternal organizations in the Brainerd area. His son John and brother Gilbert are both graduates of the University's Law School, too, and all three are past presidents of Theta Chi fraternity . . . Ben Grussendorf is a Minnesota District Judge in Brainerd, Minn.

John C. Herberg, Silver Spring, Md., retired in 1971 as legislative counsel to the U.S. Senate in Washington, D.C. He was formerly chief of the Midwest office of the Department of Justice's Antitrust division. He still consults on the legal aspects of proposed federal legislation . . . M. Arnold Lyons, St. Louis Park, Minn., is a partner in the Minneapolis firm of Robins, Davis & Lyons. In 1972 he received the Distinguished Service Award of the United Synagogue of America and was a national panel member of the American Arbitration Association.

Hubert J. Schleiter practices law with Schleiter & Kramer in La Crosse, Wis. He served 10 years as a city councilman and was president of the council for four of those years . . . Logan O. Scow practices law in Long Prairie, Minn., is a former municipal judge and a past president of the League of Minnesota Municipalities and the Minnesota Federation of County Fairs . . . Henry N. Somsen, a partner in the New Ulm (Minn.) firm of Somsen, Dempsey & Schade, has been active as a community and alumni leader.

School of Business Administration graduate Albert L. Anderson, Minneapolis, the retired head of the Benson Optical Company, has authored a text on fitting contact lens and invented equipment for their manufacture . . . Helen Kanne Arnott, Edina, Minn. and Sun City, Ariz., who previously worked as an administrative secretary for Farmers & Mechanics Savings Bank in Minneapolis, "still runs the establishment for her semi-retired husband Hermon. Their commuting between Minneapolis and Sun City keeps them very busy socially and business-wise."

Woodrow Beske, Minnesota Lake, Minn., is president of his own farm implement retail store and has been chief executive officer of the Farmers National Bank, Lake Motor & Service Company and St. James (Minn.) Implement, Inc. . . . Ford M. Ferguson, Glenview, Ill., a partner in the Ferguson Grain Company, formerly held executive positions with Cargill, The Glidden and Stratton Grain Companies . . . Stanley J. Gustafson, St. Louis Park, Minn., is a controller at the Minneapolis College of Art & Design.

Helen King Johnson, St. Paul, now a housewife, was formerly a private secretary with Northwestern Mutual Life Insurance Company . . . Albert J. Mealey, Dayton, Ohio, a sales engineer with Airco, Inc., with his wife, is registered in the Leaders' Fellowship of the YMCA of the United States . . . Leonard S. Saliterman, Minneapolis, is president of Saliterman & Cooperman Manufacturers' Representatives, Inc.

Frederick L. Schade, physician and surgeon, retired from practice with the Washington (Minn.) Clinic in 1965. He is a past president of the Minnesota State Ob & Gyn Society.

Grace Adams Jacobson Simonson, Tucson, Ariz., retired as a bookkeeper from the Humboldt Institute, Minneapolis, in 1970 . . . Stanley L. Stennes, Sun City, Ariz., is a retired U.S. Department of Agriculture auditor.

Institute of Technology graduate Courtland L. Agre, Minneapolis, is a professor of chemistry at Augsburg College. Formerly a research chemist with DuPont, he received the American Chemical Society's Minnesota

Colonel Arvid B. Newhouse '34BEE:

During the past year I had several opportunities to show the documentary motion picture *Only The Strong to Civilian Audiences*, enlightening them as to the state of the U.S. national defense. The movie aroused considerable interest. With the help of another reserve officer, more than 660 people were thus directly informed on this very important subject.

My memories of the University of Minnesota — the friendly and eager classmates in electrical communication engineering under the guidance of Dr. Henry Hartig. Many of these classmates were also fellow cadets in the Signal Corps ROTC unit. Then, after graduation from Electrical Engineering, the new friends in the School of Business Administration, housed in the old (even then) building near the end of the trolley line to the Farm Campus.



AT THE TOP, left, is pictured Erling A. Dalaker, and next to him, St. Paul's Pauline and Bert Getsug.

At the bottom left, are Alvin and Edith Potter Meyer in Bangkok, and at their left, Carl E. Erickson of Brainerd, Minnesota.

Award in 1966 . . . Mark A. Anderson, Lexington, Ky., is assistant district engineer for Pre-construction with the Kentucky Department of Transportation, Bureau of Highways . . . Norman T. Bensen, Los Alamos, N.M., retired as a senior technician and research assistant from the Los Alamos Scientific Laboratories in 1973. One of the eight builders of the Fercleve Plant in Oak Ridge, Tenn., he has received commendations from former President Truman, Secretary of War Stinson and E. R. Oppenheimer regarding his work in the development of the atomic bomb. He is the grand representative from New Mexico to Minnesota in the Order of Amaranth.

C. Manley Berry, Minneapolis, works in the packaging research department of General Mills, Inc. . . . Francis W. Boulger, Columbus, Ohio, is a senior technical advisor with Battelle Memorial Institute. The winner of numerous professional awards, he is the author of more than 100 technical articles and the co-author of 10 books . . . Glenn E. Brokke, Falls Church, Va., is the retired deputy chief of the Urban Planning division of the U.S. Department of Transportation. He has received the Silver Medal from the U.S. Department of Commerce.

Thomas F. Clark, Peoria, Ill., is research leader, fibrous products, for the Northern Regional Research Laboratory, U.S. Department of Agriculture. He has lectured and consulted internationally . . . Erling A. Dalaker, Rochester, N.Y., is section supervisor in the Color Print & Processing division of Eastman Kodak Company. He has managed to return to Minnesota 36 times in the last 38 years for vacations. His father taught mathematics in the University's College of Engineering for 39 years . . . Carroll P. Gaalaas, River Falls, Wis., is an optometrist.

Amiel Gelb, Indianapolis, Ind., is director of laboratories for Stewart-Warner Corporation . . . Bertram Getsug, St. Paul, is owner of Park Edge Construction Company and president of Advance Construction Company. The builder of many shopping centers, industrial buildings and apartment buildings in the Twin Cities Metropolitan area, he is a past president of the Minnesota Society of Professional Engineers, as well as numerous other professional groups . . . Paul H. Grosz, Grand Forks, N.D., is an architect with Grosz & Anderson Architects, Ltd.

Merrill R. Holste, St. Paul, retired in 1973 as print shop manager for the Village of Roseville. He is the inventor of a gas turbine, aviator's garment and optical device . . . Walter B. Hotvet, Minneapolis, is a packaging engineer-research with General Mills . . . Jennings F. Johnson, Duluth, Minn., is vice president and comptroller of Minnesota Power & Light Company.

Wesley H. Johnson, St. Paul, a senior engineer with the Minnesota Highway Depart-

ment, is a participating member in the University's TCIP program . . . William A. Junnila, White Bear Lake, Minn., retired in 1973 as an investigations leader with the U.S. Department of Agriculture.

Roy E. Karlen, Louisville, Ky., is chief of the engineering division of the Louisville district Corps of Engineers . . . Edward L. Kells, Batavia, Ill., is vice president of operations and technology for the 48 Insulations division of Foster Wheeler Corporation . . . Edward H. Kloss, Jr., Seattle, Wash., retired as assistant chief of the relocations branch of the Seattle district Army Corps of Engineers in 1971. He has been a member of the U.S. committee on large dams.

Ione Brack Kadden '34BSEd:

Talking with sculptor John Karl Daniels has made 1974 memorable for me. We had a private interview last spring, and then on May 14 we celebrated his 99th birthday. Mr. Daniels has six monuments at the Minnesota Capitol, some on the grounds and others in the rotunda.

A Mr. Aamund Holand and I brought him to the Capitol on the morning of his birthday to meet Governor Wendell Anderson and State Treasurer Val Bjornson, Daniels' life-long friend. By Daniels' two statues of Knute Nelson on the steps of the Capitol approach Governor Anderson presented a framed proclamation to him declaring May 14th "John Karl Daniels Day in Minnesota."

We later had coffee with the governor and then went to a special birthday where two hundred guests were present and Val Bjornson acted as master of ceremonies.

Memories of the University of Minnesota brings back the times throughout my childhood when my mother attended short courses on the "Ag Campus" for garden club members. I was around when she brought back enthusiastic reports to my father.

My first personal contact with the University resulted from singing in the Humboldt High School (St. Paul) chorus that entered the annual choral competitions. The highlight of these occasions was signing in the massed choir under the direction of University professor Archie Jones. He would raise his hands to quiet us and suddenly we were spellbound under the intensity of his eyes. We became a single instrument subject to the nuances of his directing and loved it!

University Regents' professor Dr. Alfred O. C. Nier was our paper boy when he was in grade school. Later, when he was a graduate student in electrical engineering and physics and I attended the University as a junior and senior, I rode in his trusty Nash.



AT THE LEFT is Dr. Federic T. Becker of Duluth, Minnesota, and at the right, Colonel Arvid B. Newhouse.

Margaret E. Benson '34BSN '34BSED:
The Class of 1934 brings much to mind. I was on the All University Council my senior year in the College of Education (Nursing Education major) and often when I heard Dick Scammon expound, I would think, "I wonder where he will be in 20 years?" Then when Hedley Donovan became a "Representative Minnesotan" and a Rhodes scholar, I had similar thoughts. It has been both interesting and a pleasure to know of their success and contributions to society, as well as that of others.

Being in the 41st year of a nursing career is surprising to self, and, at times, I have to tell myself, "It's true." I probably am the last one in my nursing class to retire, but I look forward to retirement on August 1, 1975, with interest in travel and other community activities.

I have enjoyed an interesting and rewarding career and have acquired many friends through the years.

My first memory of the University of Minnesota includes the enjoyment and gratification of nursing as a student and graduate professional nurse . . . Specially I appreciate the nursing education program which we had as students and the great faculty — not only their knowledge, but their interest, enthusiasm, "open minded" intellectual approach which they encouraged and reflected, as well as the qualities of integrity, friendliness and a good sense of humor.

They were exemplary of professionalism in nursing, which they fostered. As students we were not short changed on role models!

I always was interested in clinical nursing and when questioned after graduation, "Where would you like to work?" my response included the Communicable Disease department at the Minneapolis General Hospital. Thus I started and am ending my career as a professional nurse in a similar clinical area

As a commissioned officer in the U.S. Public Health Service, I have had the privilege of being assigned as chief of the Allergy & Infectious Diseases Nursing Service since before this service was activated at the Clinical Center and extending over 22 years.

Leo J. Kujawa, Brighton, Mich., is a senior partner and general manager of the Brighton Tool & Die Company. He has been active on Brighton's City Charter Commission, Tax Revision Board and County Tax Allocation Board . . . Everett Laitala, Clemson, S.C., retired as professor of industrial engineering and head of his department at Clemson University in January 1974. He has been honored as Outstanding Industrial Engineer by the A.I.I.E. and as DuPont's Year-In-Industry Professor.

Walter G. Lindstrom, Ashland, Wis., retired in 1967 as a civil engineer with the Lake Superior District Power Company . . . Richard Nicholsen, Columbus, Ohio, is a research services coordinator with the Ashland Oil, Inc. The past president of a number of professional groups, he has been cited for his work continuously throughout his career, most recently with the Silver Plaque by the American Management Association . . . Colonel Arvid B. Newhouse, USAR Retired, Wheaton, Ill., has been a self-employed, semi-retired consultant since 1970. The winner of Legion of Merit and Bronze Star Medals in WWII, he previously served in leadership capacities with Automatic Electric Laboratories, Inc. He is an active speaker throughout the United States for effective defense.

Stanley M. Norris, Minneapolis, retired this February as a senior design engineer with the 3M Company. An active community leader, he is the designer of film extrusion equipment . . . Harold O. Ogrosky, Lake City, Minn.,

retired in 1970 as assistant deputy administrator with the U.S. Soil Conservation Service. He received a Presidential Citation in 1964 and the USDA Superior Service Award . . . Francis V. Olson, Albuquerque, N.M., has been retired since 1968 from his position as regional engineer with the U.S. Department of Interior, Bureau of Sport Fisheries & Wildlife. He and his wife are a "couple of square dance nuts", and travel throughout the United States to attend state dance festivals.

William R. Pasich, Ishpeming, Mich., has retired as supervisor of chemical research and process metallurgy with the Jones & Laughlin Steel Corporation . . . Suen I. Pearson, Boulder, Colo., is a professor of electrical engineering at the University of Colorado. He previously worked for General Electric and is the co-author of *Introductory Circuit Analysis* . . . David S. Pribyl, Tracy, Calif., is regional manufacturing manager for H. J. Heinz.

Dr. George H. Olds '34MD:

My wife, Myrtle, is also a 1934 graduate of the University of Minnesota, only she graduated in nursing. We have three daughters, two of them graduates in nursing (one from the University of Minnesota Class of 1963), and one who has a PhD in biology and is teaching at Bryn Mawr College in Pennsylvania.

The village of New Richland recently built a new office building for my use and a few years ago had a town celebration to recognize by being the town's doctor for 25 years.

This September the high school band marched up to our house to celebrate my reaching my seventieth year. They played the birthday song for me, in addition to some other selections.

I enjoy my work and am kept busy every day. I hope I don't have to retire ever!

Everett Laitala '34BME '37MS '45ME:

In recent months I capped off some 34 years of teaching with retirement. My career has included teaching in the Colleges of Engineering at the Universities of Minnesota and Illinois, Case Institute of Technology (now Case-Western Reserve) and Clemson University (now Case-Western Reserve) and Clemson University (South Carolina) from which I retired.

My wife and I spent six months, from May through October, at our cabin at Ely, Minnesota, and took off five weeks during this period to visit the Scandinavian countries. Clemson remains our winter home.

Memories of the University of Minnesota take me back to an approximately 24-hour trip from Ely with a Model T Ford to see Minnesota play Notre Dame. Now the same trip takes between four and five hours.

Floyd M. Robbins, Seattle, Wash., is vice president of Safeco Insurance Companies . . . Uno H. Ruuhela, Eveleth, Minn., is a retired division engineer of Minnesota Power & Light . . . Richard E. Schuett, Glendive, Mont., is assistant superintendent of administration with Burlington Northern. The father of three, he has been a member of the Glendive Elementary School Board for the past 15 years.

John A. Scott, New York, N.Y., is a retired vice president of the Atlantic Richfield Company. He is the designer of several petrochemical plants and the holder of many patents . . . Hugo T. Shogren, Concord, Calif., retired from the Soil Conservation Service of the U.S. Department of Agriculture in 1973 after nearly 39 years of service . . . Ross E. Wall, Chicago, Ill., is assistant signal engineer with

Gopher Basketball team to host an exciting First Annual Pillsbury Holiday Basketball Classic

The nationally-ranked Golden Gopher Basketball team will host three major university teams in the First Annual Pillsbury Holiday Basketball Classic on December 27 and 28 in the Metropolitan Sports Center. All net proceeds from the Classic will go to the University of Minnesota Williams Funds.

Sponsored jointly by The Pillsbury Company, the Gopher Backcourt Club and the University of Minnesota Athletic Department, the Classic will give fans the chance to see some excellent play among upcoming national teams, as well as to see an exciting young Gopher team in action just before the start of its Big Ten season.

Participating with the Gophers in the First Annual Classic are Auburn and Clemson Universities and the U.S. Naval Academy. The teams will be featured in two games nightly, at 7:00 and 9:00 p.m.

Auburn's Tigers, after a strong finish last season, are looking for opportunities to improve their record. With the conference's top rebounder returning and a number of new prep All-Americans added to the team, Auburn has the makings of a winner.

The Clemson Tigers are another team on the move. Clemson won the IPTAY tourney last season, as well as the Poinsettia Classic, while finishing third in the Steel Bowl Tournament. Their big star is a 7-foot-1 sophomore center who blocked 106 opponents' shots last season, nine in one game.

The Navy's Midshipmen have been busy rebuilding solid firepower to complement defensive capabilities that placed them 16th nationally last year. They count among their regulars a 6-foot-2 guard who is considered one of the best the Academy has ever had.

The tournament site, Metropolitan Sports Center in Bloomington, Minn., is one of the newest and finest sports arenas in the country and a neutral site for all teams.

The Pillsbury Company, a major sponsor of the Classic and the largest producer of flour in the United States, is well-known for its lines of consumer food products. It is sponsoring this tournament because the company "believes the educational experience can be enhanced through participation in athletics. By supporting the athletic department's Williams Fund, more worthy student-athletes who excel in the classroom as well as in athletics can realize the benefits of a college education."

The company also believes an event of this magnitude "is good for the entire community — that it is a building effort which aids in blending together the numerous factions and areas of our sprawling metropolitan community with the learning center."

The Gopher Backcourt Club, made up of University of Minnesota basketball enthusiasts, including a number of former Gopher players, also raises money for the Williams Fund and works to stimulate interest in the University's basketball program.

Advance ticket sales for the Classic, both by mail order and in person, are now open. Ticket prices are \$12 and \$9, depending on the seating location, and are sold on a two-night basis only.

the Chicago & Northwestern Transportation Company . . . Carl D. Yaeger, St. Paul, retired from Swift & Company in 1970.

Norman Bensen '34BChemE:

I have just retired, although I am now on call as a nuclear engineer with the Nuclear Assurance Company of Atlanta, Georgia. And I have been busy in lodge work, as Worthy Patron of our Eastern Star chapter and as president of our Shrine Club of which I am now a Potentate's Aide. I've also been commander of our American Legion Post and state commander of the Forty et Eight and am a past commander of Knight's Templar.

When the University of Minnesota is mentioned I think of the Golden Gophers and of a job at the University as an assistant purchasing agent for the Hospital and Chemistry department in 1941, just prior to three and a half years of service in the Army.

I was in the Manhattan Project in Chicago doing corrosion research, at Oak Ridge assisting in setting up the Fercleve plant and in Los Alamos doing purification and recovery work with uranium and plutonium.

Single night tickets, priced at \$6 and \$4.50, will be available at Met Center only beginning December 27, if any tickets remain.

Special discounts are available for University students and children under 18. Information on these discounts, as well as seating, can be obtained from the Athletic Ticket Office, Bierman Field Athletic Building, University of Minnesota, Minneapolis 55455, telephone (612) 373-3181.

Fill in and return the application below to insure good season for the exciting First Annual Pillsbury Basketball Classic!

1974 PILLSBURY HOLIDAY Basketball Classic Ticket Application December 27 and 28, 1974

Type	No.	Price*
Upper and Lower Concourse	SIDES	\$12.00
	ENDS	\$9.00

Seating preference:	Amount
— Low	
— Medium	
— High	
Postage & Handling	\$1.00
Williams Fund Contribution	

\$ _____
TOTAL REMITTANCE ENCLOSED

(* 4% Minnesota Sales Tax
(Make checks payable to Pillsbury Holiday Basketball Classic.)

Name _____
Address _____

Mail to: Pillsbury Holiday Basketball Classic, Athletic Ticket Office, Bierman Field Athletic Building, University of Minnesota, Minneapolis, Minnesota 55455.

Riders on express buses coming to University increase

The numbers of individuals riding on express buses to the University this fall is up 44 percent from a year ago. But fall quarter applications for the University's computerized car pooling program declined 35 percent from a year ago, according to Roger Huss, University transit coordinator. Huss said an even larger decline is expected in winter quarter applications which last year totaled 2,408.

The University express bus program, a cooperative effort between the University and the Metropolitan Transit Commission (MTC), began in fall 1970. There are ten bus routes with designated stops throughout the Twin Cities area that continue non-stop to the University. Most make two runs in the morning and two in the evening.

Ridership this September increased 52 percent from a year ago, and in October was up 36 percent over the previous October.

The increase in express bus use is significant since the University is the fourth largest traffic generator in the seven-county metropolitan area, behind the downtown areas of Minneapolis and St. Paul and the western Minneapolis suburbs.

Huss said that the University is not concerned about the drop in car pool applications, however, if it means more people are riding the express bus. "We would rather have them take the bus and not even bring their cars to the campus," he said.

The University also uses MTC buses and drivers for intercampus bus service between the east and west banks of the Minneapolis campus and between the Twin Cities campuses at a yearly cost of \$440,000. Expenses in the past year have increased for the operation of the 21 intercampus buses, in September hourly costs were up 15.7 percent and mileage costs up 23.1 percent.

A survey conducted last spring showed that 58 percent of the University population came to the campus by automobile, while one-third biked or walked. About 44 percent of the students owned and drove their own cars, while 15 percent used public transportation and 8 percent used car pools.

The survey also showed that 38 percent of the undergraduate students who used the express buses had originally driven alone to the campus. Twenty-eight percent of the civil service workers chose the express bus over automobiles, as did 21 percent of the graduate students and 12 percent of the faculty.

University Briefs . . .

In addition to its operating expenses, the University invested \$38,332,567 in the construction and remodeling of buildings and the purchase of land. This is down from the \$51.6 million invested in 1973 because of the completion of a number of major projects, especially in the Health Sciences.

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

Budgeted and sponsored research expenditures amounted to \$53,597,000. The cost of extension and public service activities, such as Continuing Education & Extension, Agricultural Extension Service and the University museums totaled \$28,713,947. The total expense for student aid was \$7,811,455, exclusive of federal loans.

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

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

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

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

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

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

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



University residence halls are jammed this year

There are 42,970 students attending classes on the University's Twin Cities campus this fall and 4,210 of them have also made the University campus their home for the next nine months.

The eight Twin Cities campus residence halls are "jammed full" this year, according to Don Zander, assistant vice president for student affairs. All dormitory rooms were taken last year, too, Zander said, but some double rooms were rented as single rooms. This year, he said, all double rooms have been rented as doubles.

This increased occupancy follows a national trend: A New York university is reportedly refurbishing a dormitory that hasn't been used in six years because of a 25 percent increase in applications; at Purdue University, faculty and staff have been asked to provide temporary housing for students; a South Carolina college has rented a 41-room motel to provide dormitory space.

Despite a five percent increase in residence hall costs since last year — costs which rose to \$1,350 for nine-months occupancy — students elect to live in dormitories because they know what their expenses will be during the coming year, Zander said.

In an apartment they might suffer mid-year increases in heat, rent, light and food costs.

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

Curtis Carlson named president of University of Minnesota Foundation

Curtis L. Carlson was elected president of the University of Minnesota Foundation board of trustees at their annual meeting in St. Paul recently. Carlson, who served as treasurer for the board last year, succeeds James Binger '41LLB.

A 1937 bachelor of arts graduate of the University and a Minneapolis native, Carlson is chairman of the board of Carlson Companies, Inc., which includes Gold Bond Stamp Company, the Radisson Hotel Corporation, Performance Incentives Corporation, Carlson Properties, Inc., and Ardan Jewelers & Distributors.

The other newly-elected officers, all senior vice presidents, are Julius Davis '36LLB, a Minneapolis lawyer and partner in the firm of Robins, Davis & Lyons; Raymond Plank, president and chief executive officer of the Apache Corporation; Jay Phillips, chairman of the board of Ed Phillips & Sons, Inc.; and Harold Sweatt '13BA, retired chairman of the board of Honeywell. Clifford Sommer '32BBA and William MacPhail '37BSEd were elected vice presidents; and Robert Odegard '42BBA, vice president and executive director.

Marjorie Howard '24BA, former University of Minnesota Regent, was elected secretary; John G. Ordway, Jr., was named treasurer; and Richard L. Meyer '66LLB, associate director of the Foundation, will serve as assistant secretary. Donald C. Dayton, a director of the Dayton Corporation, will continue as chairman of the board.

In addition, several new members were named to the board of trustees: John Yngve '49LLB, a University Regent who is with Nortronics Company, Inc.; Erwin Kelm '33BA, chairman of the board and chief executive officer of Cargill, Inc.; Raymond Mithun '30BA, chairman of the board of Campbell-Mithun, Inc.; Harry Heltzer '33MetE, former national Minnesota Alumni Association president and chairman of the board of Minnesota Mining & Manufacturing Company; Samuel Maslon '20BA, a Minneapolis attorney and trustee and president of the Maslon Foundation; Otto Silha '40BA, a former Regent and president of the Minneapolis Star & Tribune Company; and Paul L. Parker, a senior vice president with General Mills.

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

Women's Volleyball team wins state meet, places in second in regionals

Excitement and tension ran high November 16 when the University of Minnesota claimed the 1974 state title in the Women's Intercollegiate State Volleyball Tournament. The University team had been favored to win the tournament, but had to compete in a number of tough games to claim the title as the best team in the state.

The University received a bye in the first round of competition, defeated Northwestern College of St. Paul, 15-8, 15-4 in the second round and went on to defeat Dr. Martin Luther (DMLC) 15-9 and 15-2.

Coach Linda Wells felt that the University team had played their best games against DMLC that day. "We played a good offensive game against DMLC. The team worked together well, they played their positions and hustled after the ball," she said.

The University then moved on to their most difficult game of the tournament with the College of St. Catherines, a relatively new team made up mostly of seniors or freshmen. Even though St. Catherines' lacked height, the team played its positions well and Minnesota had difficulty scoring points against them. "We tried spiking the ball over the net because their blocks were not that high, but they were in the right place at the right time to dig up the balls," Coach Wells said after the game.

"After they beat us in the first game, I hoped we could come back . . . but just didn't know for sure." The University went on to defeat St. Catherines 15-12 and 15-3.

Augsburg, the team that finished second, upset favored Bemidji at the start of the tournament. They then beat UMD in the quarterfinals and went on to meet Minnesota in the championship match.

Although Augsburg led throughout the first game of the championship match, the University came from behind to win 13-11 in a startling victory. The eight-minute time limit on the game had run out and neither team fully realized it. Led by junior Terri Erickson and senior Ellen Andresen, the University

scored a number of difficult and important points to win the game. Minnesota won the second game, after trailing for four points in the first three minutes, and the championship 15-9.

"It was a good victory," Coach Wells said. "We were able to draw on a full team of 12 very talented and skilled athletes which gave a definite advantage. Most other teams could only draw on about 7 or 8 team members."

"I knew we were the best in the state, but the championship depended upon who played the best matches during the day. The tournament was a single elimination-consolation type with the winners of two out of three games moving toward the finals. There was no coming back in this tournament. A team either had to win the next game or it would be all over."

The University players didn't succumb after their first game defeat against St. Catherines; they came

back to win the match in the quarterfinals. "We have the team that could do it and they did," Wells said.

The team moved on to the Region 6 Tournament, November 21-23, in Lincoln, Nebraska.

Coach Wells, a native of Pacific, Mo., graduated from Southeast Missouri State at Cape Girardeau and is finishing her master's at the University. She has played U.S. Volleyball Association (USVBA) volleyball and is currently coaching a USVBA team, too. During her undergraduate years, she excelled in basketball, volleyball, softball and tennis. She also coaches the University softball team and pitches for the Rimnick-Hanson Fast Pitch Softball team of Bloomington, Minn.

Varsity Reserves end season with a win over Mt. Senario

The Varsity Reserve Volleyball Team finished its season with a 3-0 win over Mt. Senario College. The Reserves maintained their near perfect record of 10-1, having lost only one match to Gustavus Adolphus.

Coach Jenny Johnson, commenting on the team's performance, said: "Most of the team is made up of freshmen and sophomores who have had some volleyball experience in high school but nothing extensive. We have two players, freshman Deb Cooper and sophomore Jill Meilahn who have an excellent chance to make the Varsity next year. Of course, this depends on the talent that walks in next year and the returning Varsity players. But both these girls have superior skill levels."

The Reserves do lack height, their average height is 5'4", with the exception of two players who are 6 feet and 5'10". The Varsity's height averages 5'8" to 5'9" which gives them a blocking advantage.

Coach Johnson, a native of Milan, Ind., received her BA from Franklin College in Indiana in physical education and her MA in secondary physical education with an emphasis in coaching from Indiana University, Bloomington. She has coached volleyball, basketball and softball. On November 8, she began practices with the Women's Varsity Basketball Team.

Chemistry professor wins Teacher-Scholar grant

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

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

Bryant will have discretion over how the funds are spent, within certain guidelines. The purpose of the grant is to give the recipient maximum freedom in developing his potential as a teacher and a scholar.

SENIOR ELLEN ANDRESEN, crouching in the white jersey at the left, and freshman Chris Carlton, still in the air after returning the ball to St. Catherines, are two members of the Minnesota team that came from behind in two games to beat a quick St. Catherines volleyball team and enter the championship match.



constituent and club news

Portland (Ore.) dentist named at-large MAA board member

Dr. David R. Bangsberg '60DDS, Portland, Ore., has been appointed to a two-year term as an at-large board member of the Minnesota Alumni Association.

Bangsberg, who has been in private dental practice in Portland since 1962, served in the U.S. Navy Dental Corps following his graduation from the University of Minnesota.

Active professionally, he was a member of the Multnomah County (City of Portland) Dental Insurance committee from 1964-72, serving as its chairman from 1968-72; has been a member of the Oregon Dental Association's insurance committee since 1969, becoming its chairman and a member of the Association's Services Council in 1972; and was a member of the Multnomah County Dental Society's board of directors from 1973-74.

Bangsberg was president of the MAA's Portland alumni chapter from 1972-74, having served on its board since 1970.



Dr. David Bangsberg

Sun City chapter holds successful November 4 meeting

One hundred and thirty-nine members of the Minnesota Alumni Association's Sun City (Ariz.) chapter turned out for a November 4 meeting at the Lakes Club.

Following a social hour and dinner, the group honored four of its members: Frank Pond as a former hockey player and Minnesota coach who won the NCAA hockey championship; Wally Nydahl as an eight-letten M man in football, basketball and baseball, a professional football player and outstanding orthopedic surgeon; Freddy Just as a football player; and Harmon Arnott as chairman of the board of Farmers & Mechanics Bank of Minneapolis for his recent book on bank history.

The evening's program included two humorous playettes by the Sun City Players, an excellent musical act and a film of the 1974 Masters Golf Tournament at Augusta, Ga.

Chicago chapter hears Ed Haislet on November 7

The Minnesota Alumni Association's Chicago chapter held its Annual Dinner Meeting on Thursday, November 7, at the Svitiod Club of Chicago.

Special guest speaker for the event was MAA executive director Ed Haislet who brought chapter members up to date on activities on the University's Twin Cities campus.

Henry Dahlberg, long-time chapter member who has served as an officer and president of the group from 1956-57, gave a special testimonial for Haislet for his contributions to the Chicago chapter. Outgoing committee chairman reported on the previous year's activities, and new officers and board members were also elected at the meeting.

Those elected include Robert Dolan '56BBA, president; Edward Schumacher '66BS, vice president-program; Greg Pearson '69BBA, treasurer; Susan Schumacher, secretary; directors Harold Rosenzweig '42BBA, Henry Dahlberg '40BS and Marvin Julian '56BBA '58MBA. At-large board members working on the chapter's programs and membership, respectively, include Marvin Tepper '68LLB and Martin Best '50BS.

Earlier this year the chapter held a summer picnic after which members attended a performance of the Chicago Symphony Orchestra at

Ravinia Park, and a fall television party for the Minnesota-Michigan football game at the Dolan's.

Among the chapter's 1975 activities will be a February 1 dinner meeting during which the new officer and directors will be installed. Later the group will attend the Minnesota-Northwestern basketball game at Northwestern.

Anyone in the Chicago area interested in joining the chapter or learning more about its activities should contact Bob Dolan at 312/251-2724.

The chapter produces an excellent monthly newsletter detailing its activities and other events related to its members. It is well worth the attention of University alumni in Chicago and the surrounding area.

Class of 1925 to celebrate 50th Reunion on June 2

Louis Gross is heading the reunion committee that is forming plans for the Class of 1925 50th Anniversary Reunion. He is being assisted by co-chairman Margaret H. Holliday.

The full day of activities has been scheduled for Monday, June 2, and will include a Golden Anniversary Luncheon in Coffman Memorial Union on the Minneapolis campus of the University, a bus tour of the campuses, tea at the University president's home and an evening banquet in the University of Minnesota Alumni Club.

Franklin Gray, a former Minnesota Alumni Association president, will serve as master of the ceremonies at the evening banquet.

Others serving on the 1925 Reunion committee include Donald S. Bagley, Russell Backstrom, Raymond Bartholdi, Clarence Bros, Sam W. Campbell, Ruth Warner Godley, Beatrice Gross, Barnard Jones, Wilma Smith Leland, Edmund T. Montgomery, E. Lawrence Swandby, Chester Stone and Thomas Tallackson.

More information on the 50th Anniversary Reunion will appear in future issues of The Alumni News.

Oregon chapter elects new officers, hears Haislet

At the Annual Dinner Meeting of the Oregon chapter of the Minnesota Alumni Association, held in Portland on October 1, alumni and friends heard the Association's executive director Ed Haislet speak about the recent history of the University and the selection of its new president, C. Peter Magrath.

A constitutional change enacted during the meeting will allow Portland's officers to serve two-year terms. New officers and directors elected at the meeting include Paul Yakimi '48BS, president; Howard Dahlstrom '47-'50, vice president; Patricia Johnson Lill '42BA, secretary; and directors Juliette Starheim Smith '48BS, William Carlson '37BS, Mrs. Mildred Bergheim '22BA '22MA '40MA, Ralph Dunnigan, Tom Peterson and Dr. Robert Elkjer. Dr. David Bangsberg '60DDS is the immediate past president of the group.

Executive director meets with Indianapolis chapter

Minnesota Alumni Association executive director Ed Haislet met with some of the members of the Association's Indianapolis (Ind.) chapter at a dinner meeting on November 8.

Among those present was Bruce Stenberg, an MAA regional director, who is an important force behind the Indianapolis group.

International Falls (Minn.) chapter elects officers, names board

Dr. Terry Kalar is heading the International Falls (Minn.) chapter of the Minnesota Alumni Association during 1974-75. Serving with him are vice president Dr. Ralph Benzmann and secretary-treasurer Margaret Johnson.

Members of the board of directors also include Fred Williams, Paul A. Anderson, Charles Sanburn, Mary Ann Sanburn and Albert Turenne.

Seattle chapter is reorganized in September

During a dinner meeting on September 30, the Seattle (Wash.) chapter of the Minnesota Alumni Association was reorganized and a Planning committee named to help the group get underway. Soon, the committee will nominate officers and will plan two meetings for the coming year.

MAA executive director Ed Haislet was present at the reorganizational meeting.

Serving on Seattle's planning committee are Jerry Shulkin, chairman; R. L. Streeter, E. H. Kloss, Ronald Stout, George Countryman, Midred Erickson and Judson Marquart.



1974 DIEHL AWARD WINNERS: Four individuals received the prestigious Harold S. Diehl Award during the 37th Annual Meeting of the Medical Alumni Association on October 18. The awardees pictured above are, from the left, standing, Roger MacDonald '46MD, Carol O. Rice '25MD, Ann Whelan Arnold, MD and Ragnvald Ylvisaker '26MD. The woman seated in the photo is Mrs. Ylvisaker.

Dr. MacDonald, a clinical professor of Family Practice and Community Health at the University of Minnesota, has been the guiding spirit of the University's Rural Physicians Associates Program, extending the concept of community health to include the moral and spiritual welfare of his patients and a physician who has counseled in many areas, including marital problems and chemical dependency.

A Clinical Emeritus Professor of Surgery at the University, Dr. Rice is the former editor of Minnesota Medicine, an inventor, author and authority on forensic medicine who serves regularly as an expert witness. His long career has combined award-winning journalism, writing and technical innovation with the highest standards of surgical practice.

A pioneer in the investigation of infertility, Dr. Arnold is a fighter for the right of all women to proper maternity care, a dedicated clinical practitioner and teacher who has earned the gratitude and devotion of generations of medical students, mothers and children.

Dr. Ylvisaker, former president of the Hennepin County Medical Society and the Minnesota Society on Internal Medicine, is a generous contributor to noteworthy causes, an outstanding teacher and practitioner who is among the first in Minnesota to utilize gastroscopy and a trusted and tireless worker and committee member of many professional organizations.



AMONG THOSE present at the Oregon Alumni chapter's fall meeting were, from left, Mrs. George Oldham, Mrs. Gertrude Johnson, Mrs. Troy Rollins, Mrs. Mildred Bergheim and Dr. Troy Rollins.

For Alumni Club Members Only, A Very Special Invitation To Attend . . .

A Gala New Year's Eve Party December 31, 1974

A Gourmet Dinner, Party Favors And Dancing In The Ski-U-Mah Lounge Caps The Evening

The taste-tingling menu includes your choice of such appetizers as Jumbo Shrimp Cocktail, Papaya with King Crabmeat, Fresh Seasonal Fruit Cup, Melon Wedge with Prosciutto Ham, Coquille St. Jacques or Vol-au Vent a la Toulouse, followed by Consommé Danoise or an Alumni Salad prepared at your table.

From the entrees you may choose Roasted Ducking la Orange, Prime Ribs of Beef Aus Jus, Broiled Twin Lamb Chops, Stuffed Trout Imperiale, Steak and Lobster Duet or Steak Diane Flambe. Your selection will be enhanced by Bouquetierre of Garden Vegetables and Minnesota Wild Rice.

A dessert of Baked Individual Alaska Flambé and beverage is included with your gala and sumptuous dinner.

The Gala New Year's Eve Party Is By Reservation Only!

Call 376-3667 To Reserve A Place Today.

Party Goers Should Plan To Arrive After 7:00 p.m.

No cancellations for New Year's Eve Party Reservations will be accepted after December 23. The full charge will be made on reservations cancelled after that date.

**Class of 1935 will celebrate
40th reunion on May 19**

The Class of 1935 will hold its 40th Anniversary Reunion on Monday, May 19, in the University of Minnesota Alumni Club, downtown Minneapolis. The evening dinner meeting will be a night of fun and frivolity for returning class members.

Margaret Doren, a St. Paul psychologist who has a PhD from the University, is chairperson for the reunion. Harold LeVander, former governor of Minnesota, will serve as master of ceremonies-speaker for the event.

In addition to Doren and LeVander, members of the Class of 1935 Reunion committee include Dr. Marlowe Anderson, Mrs. Phillip Arzt, Wright W. Brooks, Charlotte Buchen, Charles R. Campbell, Dorothy H. Campbell, Dorothy O. Christianson, John Cracraft, Milton Desnick, Delbert J. Diessner, M. Rodney Effress, Dr. Isadore Fisher, Joe Goldman, Phoebe H. Hansen, Bess Palmer Justus, Ruth Hathaway Jewson, Henry K. Knoblauch, Waino Kortesmaki, Mary Jane Koehler, Joseph Kuns, Earl R. Larson, Iantha LeVander, Francis (Pug) Lund, Erling Lundheim, Ellen Maetzold, Les Malkerson, Sybil Sanderson McClure, Thomas Partridge, Louis Rochlin, Clyde A. Russ, Dr. Robert J. Tenner and Dr. Raymond Wachtler.

Additional information on the 40th Anniversary Reunion is available from the Minnesota Alumni Association, University of Minnesota, 2610 University Avenue, St. Paul 55114, telephone 373-2466.

President Magrath visits Association's New Ulm chapter

University president C. Peter Magrath, accompanied by his wife, administrative aides Mitch Pearlstein, Cliff Sommer, a vice president of the University of Minnesota Foundation, and MAA executive director Ed Haislet made his first appearance before an alumni group when he spoke to the New Ulm (Minn.) chapter at their November 6 meeting.

Approximately 118 alumni and friends of the University were on hand to hear the president.

The New Ulm chapter was organized by Haislet in 1948 and a number of its original board members were present at this meeting: Dr. Ted Fritche, the chapter's first president; Henry M. Somsen, Ivan Stone, Sid Gislason, Dr. Howard Vogel and Mrs. Vic Reim.

Haislet introduced President Magrath, telling the group about his background and the tremendous leadership he has already shown at the University.

Magrath then talked about the land-grant philosophy and how the University exemplified this philosophy, making it the great university it is. He also discussed some of the teaching, research and service functions of the institution, and spoke about the importance of alumni and the University's need for strong alumni support.

New chapter officers elected during the meeting include Mrs. Charlene Dannheim, president; Dave Vosbeck, vice president; and Frances F. Power, secretary-treasurer.

Mark Larson heads Thief River Falls (Minn.) alumni

Mark Larson is president of the Thief River Falls (Minn.) alumni chapter for 1974-75. Tom Dimich is serving as vice president and Mrs. Gene Beito as secretary-treasurer.

Members of the board of directors are Ed Sisler, Bob Reeve, Bill Kottke, Duane Westweat, James Fremstad and Ron Stordahl.

College of Business Administration Alumni Luncheon Lectures bring alumni up-to-date professionally

A series of Alumni Luncheon Lectures, sponsored by the College of Business Administration, Beta Sigma Gamma, national business honorary, and the College of Business Administration Alumni Association are proving an informational boon to alumni participants who are joining the area's business leaders and University faculty to attend.

At the Third Quarterly Lecture on October 1 in the Sheraton Ritz Hotel, Minneapolis, Dr. Thomas A. Mahoney, University professor of industrial relations, discussed *Justice and Equity—A Recurring Theme in Compensation*.

Dr. Mahoney noted that there have been appeals to equity for centuries in judging pay. The appropriate criterion has changed with the passage of time, and employers, typically, have made the market the test of equity.

He questioned this test in the light of historical approaches, as well as the current challenges to the test.

At the next Alumni Luncheon Lecture, those attending will hear Dr. Patrick Pinto of the University's Industrial Relations department on

January 29 speak on *Managers, Monkeys and the Behavior Mod Squad*.

The final Alumni Lecturer of the year will be Maurice Moonitz, professor of accounting at the University of California, Berkeley, who will speak in Minneapolis on May 2.

All of the lectures will be published and may be requested from the College of Business Administration's Research division.

Former Secretary of Interior speaks at Annual Institute of Technology Alumni Association Banquet

Stewart Udall, former U.S. Secretary of the Interior, was the featured speaker at the Annual Banquet meeting of the Institute of Technology Alumni Association on Friday, November 1.

The banquet climaxed a full-day of Institute of Technology activities devoted to the subject of energy. An afternoon seminar that was free and open to the public, concerned itself with *Saving Energy By Design*.

During the evening banquet two Outstanding Achievement Awards were presented by the University of Minnesota to engineering consultant Homer E. Brown '30BS and Donald M. Stuart '28BEE.

Brown, who did graduate study in mathematics at the University of Chicago, was employed by Commonwealth Edison from 1930 until mid-1973 in various engineering capacities. A pioneer in the applications of the computer to engineering problems, he has authored 30 transactions papers and a book on computer methods, the latter to be published soon.

Since March 1, 1973, Brown has been Cen-



Homer E. Brown



Donald M. Stuart

trias Eletricas Brasileiras Professor of Power Engineering at Escola Federal de Engenharia de Itajuba, Brasil.

While on leave from Commonwealth he was a visiting professor at several universities and is a consultant to numerous companies on computer applications.

Stuart has been vice president and general manager of the Hazeltine Technical Development Center, Inc., since 1959. Earlier he served as an analytical chemist at Northwest Paper in Cloquet, Minn., as a junior scientist with the National Bureau of Standards, as a radio engineer

with the Bureau of Air Commerce (later the Civil Aeronautics Authority, CAA) and as CAA chief airways inspector.

His career with the CAA spanned 25 years, culminating with his appointment as director of Technical Development in 1944.

He has been honored with the Merit Award of the national business aircraft association, the Gold Medal Award of the U.S. Department of Commerce, elected a fellow in the Institute of Radio Engineers (IRE) and received the Pioneer Award from IRE on aerospace and navigational electronics.



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Carround & about the Minnesota Alumni

LAW

48 Harry A. Olson, Jr. '48LLB, a Nashwauk, Minn. native, has been elected a senior vice president of American Express Company. He has been associated with American Express and its affiliates since 1966, during the past two years as president and chief executive officer of the affiliate Investment Management Company. Prior to joining American Express he was director of the investment division for Investors Diversified Services, Inc., and later president and director of The American Plan, Inc.

James G. Ross '48LLB, Dunlap, Ill., works as a casualty supervisor for Great Central Insurance Company of Peoria.

General College

57 R.G. "Rick" Godfrey '57AA, who has been director of production and material at Honeywell's Test Instrument division in Denver, Colo., has been appointed general manager of that company's Micro Switch division in Massachusetts. The Sequim, Wash. native joined Honeywell in 1961 as a production control coordinator.

66 Marine Captain Steven J. Jenkins '66AA is serving at the Marine Corps Air Station in Jacksonville, N.C. He joined the Marine Corps in September 1969.

Veterinary Medicine

55 Dr. Orin H. Osborn '55VM '57MSPubH '60PhD, Minneapolis, is currently serving as director of technical and quality assurance in the agricultural products division of International Multifoods. Previously he was director of new product development, and government and industry relations. He has been with Multifoods since 1971 when the company acquired Osborn Laboratories, Le Sueur, Minn., where he was an executive vice president.

Biological Sciences

62 Dr. Neil Wylie '62BA, a St. Paul native who joined the Cornell College (Mount Vernon, Iowa) faculty in 1966, has been promoted to associate professor. He is also serving as chairman of the college's psychology department.

71 Ralph G. Swanson '71BS has received a master of science degree from the University of the Pacific, Stockton, Calif.

73 Kristin M. Leiferman '73BS, Minneapolis, is among the 40 medical students in the third class at Mayo Medical School in Rochester, Minn. The school opened in 1972 and now has 120 students.

Medicine

43 Dr. Maxwell M. Barr '43MD, Minneapolis, was recently cited by the Minnesota division of the American Cancer Society for his work as 1974 Division Crusade chairman. His citation was awarded by another University of Minnesota alumnus, Mrs. Marie Fesenmaier, R.N., chairman of the Division Crusade committee.

46 Dr. Lewis W. Wannamaker '46MD, professor of pediatrics and microbiology at the University of Minnesota, received a Distinguished Alumni Award from Duke University, Durham, N.C., at the early November Awards banquet during Duke's Medical Alumni Weekend.

Graduate School

52 J. Scott Donaldson '52MA '66PhD has been promoted to professor of English at the College of William & Mary, Williamsburg, Va. He is also a graduate of Yale University.

59 John Massman '59MA '66PhD, chairman of St. Cloud (Minn.) State College's history department, has been elected to the National Council of the American Association of University Professors (AAUP). He has been on the St. Cloud faculty since 1963 and has held several local and state AAUP offices.

70 Peter J. Connelly '70PhD is currently serving as associate professor of English at Grinnell College, Grinnell, Iowa. Before joining the Grinnell faculty, he taught and served as assistant to the dean of the University of Minnesota Graduate School.

72 S. Jane Solberg '72PhD, a native of Minot, N.D., has been appointed an assistant professor in the department of behavioral medicine and psychiatry at West Virginia University School of Medicine, Morgantown, W. Va. Previously she

served as a psychology associate at the Veterans Hospital in Minneapolis.

73 Charlie Dexheimer '73PhD, formerly a research scientist in ruminant nutrition, has been named consulting nutritionist in the Technical Service department of Farmland Industries' Feed division, Kansas City, Mo. He joined Farmland's Research department in 1972 and has also served as a feed fieldman in the company's Minnesota division.

Reverend John D. B. Hamilton '73PhD is serving as chairman of Holy Cross College's (Worcester, Mass.) department of classics. He was a visiting lecturer in religious studies at Holy Cross from 1969-70 and joined the college's faculty as a full-time member in 1971.

Health Sciences

53 Paul F. Noble '53BSMedTech has received a doctorate in education from The University of Northern Colorado, Greeley, Colo.

74 William J. Barnes '74MSPhysTherapy is serving as an assistant professor of physical therapy in Wichita State University's College of Health Related Professions. Also a graduate of the University of Nebraska, he received his physical therapy certificate from Baylor University Medical Center and was formerly chief physical therapist for the La Junta Medical Center in Colorado.

Business Administration

34 George T. Pennock '34BBA, national president of the Minnesota Alumni Association and board chairman and chief executive officer of Minneapolis' Tennant Company, the world's leading manufacturer of industrial floor maintenance equipment, has been elected a member of The Conference Board for a two-year term. The Conference Board is a nation-wide independent and non-profit business and economic research organization.

35 James G. Kendrick '35BBA has been elected chairman of the board, president and chief executive officer of W. T. Grant Company, New York. Previously he was president and chief executive officer of Zeller's Limited, the Canadian retail store chain which is 51% owned by W. T. Grant. Kendrick's wife, the former Margaret Bushell of Minneapolis, is also a University graduate.

39 Peter E. Schruth '39BBA has been named regional vice president/Western for Group W of Westinghouse Broadcasting Company. He will work in both the San Francisco and Los Angeles, Calif. areas with Group W stations KPIX and KFWB. He joined Group W in 1964 as corporate vice president from a post as publisher of *Holiday Magazine*. Four years later he was named general manager of the all-news radio station WINS, New York. He has also served as executive vice president-Leisure Industries with the Broadcasting, Learning and Leisure Time Company of Westinghouse.

42 Kenneth L. Block '42BBA has been elected chairman of the board of Kearney, Management Consultants.

52 William L. Meck '52BBA, West Chester, Penn., is serving as secretary-underwriting of INA Reinsurance Company. He has been with INA since 1954, most recently as assistant secretary for the management of ten farm centers in the U.S. and Canada.



The Nelson Army Dental Clinic was dedicated at Fort Knox, Kentucky, in late August 1974 in honor of Major Robert V. Nelson '28DDS.

Major Nelson entered the Army in 1936 as a first lieutenant in the Dental Corps. His assignments included assistant to the dental surgeon and a student at the Medical Service School, Carlisle Barracks; assistant dental surgeon, Ft. Leavenworth, Kan.; and dental surgeon at Sternberg General Hospital, Manila, Philippine Islands. He was promoted to the rank of major in December 1941.

While serving as dental surgeon with the Headquarters Visayan-Mindanao Force in mid-1942 he was reported missing in action and later as a prisoner of war. Major Nelson died on January 21, 1945, as a result of wounds he received during the bombing of a Japanese ship on which he was being transported to Japan.

Posthumously Major Nelson was awarded the Purple Heart, American Defense Service Medal, Asiatic-Pacific Campaign Medal with two Bronze Stars, World War II Victory Medal, Distinguished Unit Emblem with Oak Leaf Clusters, the Philippine Defense Ribbon with One Bronze Service Star and the Philippine Independence Ribbon.

The new building which carries his name is designed to enhance the dental care at Fort Knox and is equipped with the latest professional equipment. It was erected at a cost of over \$1 million.

In her dedicatory statement, Mrs. Robert Nelson repeated these words of Major Nelson's sister:

"... in this memorial planned and dedicated for Major Nelson, there is deep satisfaction in the knowledge that he is remembered and honored in a permanent way by the service in which he gave his precious life."

55 Lauri A. Wilen '55BBA has been elected assistant treasurer of Associated Coca-Cola Bottling Company, Inc., Daytona Beach, Fla. Previously he worked for Minute Maid Company and Coca-Cola's Foods division. He recently became a certified public accountant; he completed his MBA at Rollins College, Winter Park, Fla. in 1968.

60 Two University of Minnesota graduates have been named planning managers in a newly-formed Corporate Planning department of Economics Laboratory, Inc., St. Paul: Kenneth O. Olson '60BBA, budget manager, is planning manager for the company's Kelnzade sales division, General and Administrative groups and international operations in Puerto Rico. He joined Economics Laboratory in 1963. Robert D. Koss '60BBA, internal audit manager, is planning manager for the Institutional, Raburn and Fraser sales division. He worked for Whirlpool for four years before joining Economics Laboratory in 1965.

Institute of Technology

Bartholomeus Van't Riet '57PhD has been cited as a 1973 *Chemical Pioneer* for his pioneering research and discovery in the use of surface active agents in preventing and dispersing gallstones.

58 Peter J. Lee '58BME has been elected vice president-sales of ITT Blackburn Company, St. Louis, Mo. He was formerly a general sales manager with the company.

Brian B. Sabo '58BS (Physics) '63MS is currently serving as an instructor in the physics department of Knox College, Galesburg, Ill. He has also served on the faculties of the Universities of Minnesota and Wisconsin at Superior, and worked at UNIVAC Corporation as a physicist before returning to Minnesota to do graduate work.

Robert E. Wolfe '58BCivE '60MS, Duluth, Minn., has been named district engineer of the Minnesota Highway Department's District 2 site headquarters in Bemidji, Minn. He was first employed by the state agency while a University student. He has served the department in several engineering roles in research, project construction and maintenance operations.

59 Army Reserve Major David O. Reed '59BCE, Brainerd, Minn., an engineer for the city of Brainerd, has completed the final phase of the Command and General Staff Officers Course at the U.S. Army Command & General Staff College, Ft. Leavenworth, Kan.

James C. Tillitt '59MSCivE, president and sole owner of Wheeler & Tillitt, Inc., Minneapolis, heads a firm of consulting engineers that was re-



Regent Emeritus, loyal Minnesotan named "Senior Big Game Hunter"

Pictured above in his Duluth, Minnesota office, Richard L. Griggs '07BA, University of Minnesota Regent Emeritus (having served 24 years) and UMD benefactor, poses with his Number One International Trophy naming him "Senior Big Game Hunter". The trophy was presented to the 87-year-old Griggs by Game Conservation International at its Biannual Conference in San Antonio, Texas. The conference was attended by some 1,000 sportsmen and conservationists from 54 countries around the world.

Griggs, as an educational project, built and made a gift to the City of Duluth the Griggs Wildlife Hall, to house over 100 of his trophy animals taken in the past 12 years from some 19 countries covering five continents of the world. He has recorded 39 major safaris and hunting trips. His tenth trip into Africa — to be his final safari, he asserts — was made last December '73-January '74.

Another museum, a wall museum, a gift of Griggs for the headquarters of the Boys' Club of America in Duluth, is nearing completion.

Behind Griggs in the photo above is a wall covered with numerous University of Minnesota, state and local honors, citations and presentations received by Griggs for his many years of dedicated and gratuitous public service.

cently awarded an Engineering Excellence Award by the Consulting Engineers Council of Minnesota for its part in designing a method by which two 535-foot, 1,600-ton arch bridge spans were raised 84 feet from barges on the Tennessee River and slid into position on concrete piers.

60 Thomas Huntley '60BChem has joined the faculty of the University of Minnesota-Duluth as an assistant professor of biochemistry at the School of Medicine. He earned his doctorate at Iowa State University.

61 Jack Brill '61BChem, South St. Paul, has been promoted from manager of Process Development to manager of Chemical Engineering at Economics Laboratories, Inc. He joined the company in 1962.

Roger J. Dale '61BME has received a master's degree in management from Frostburg State College, Frostburg, Md.

Charles J. Rostek '61PhD (Chem) is working as a senior research chemist in Ferro Corporation's Technical Center, Bedford, Ohio. Previously he served as a research chemist on polyolefin fluids at Hanover Chemicals Industries, Inc.

62 Stanley Erickson '62BEE, Huntsville, Ala., an aerospace engineer at the NASA-Marshall Space Flight Center, played a role in the development of the Skylab space station that was launched in mid-1974 by NASA. He has worked at the Center since 1958.

Tung-Hon Jeong '62PhD (Physics), a pioneer in holography, is a full professor at Lake Forest College, Lake Forest, Ill. He joined that institution's physics department in 1963.

63 Anjan K. Bhaumik '63MSCivE '66PhD, Monterey Park, Calif., is currently serving as a professor of civil engineering at California State University, Los Angeles. The chairman of the department of civil engineering, he has been a member of the Cal State-L.A. faculty since 1966.

Navy Lt. Commander Kurt A. Driscoll '63BMinE, who entered the Navy in June 1963, has been attending the College of Naval Command & Staff at the U.S. Naval War College, Newport, R.I.

Judson Lovingood '63MA(Math), Huntsville, Ala., was cited recently for the role he played in the Skylab space station program of the National Aeronautics and Space Administration (NASA). He is chief of the Dynamics and Control division of the Aero-astrodynamics Laboratory at the NASA-Marshall Space Flight Center, the organization responsible for the development of Skylab. Lovingood received the "Director's Commendation" from the Marshall Center director for his dedicated service.

Frank E. Stary '63BSChem is currently serving as assistant professor of chemistry at Maryville College, St. Louis, Mo. He did post-doctoral research and taught at the University of California, Irvine, from 1968-72 and had been a research associate in chemistry at the University of Missouri, St. Louis since 1972.

Agriculture

29 George N. Pederson '29BS, St. Paul, retired executive vice president and general manager of Mid America Dairymen, Inc., Northern division, has served for a month and a half with the International Executive Service Corps in Lima, Peru. He worked with the Sociedad Ganadera Del Centro, S.A. in the South American country, advising the dairy products manufacturing and sales firm on production processes.

42 L. H. Schultz '42MA professor of Dairy Science at the University of Wisconsin College of Agriculture, is the 1975 winner of the Moorman Travel Fellowship for Animal Nutrition Research. He joined the Wisconsin College of Agriculture in 1957 after serving on the staff of Cornell University.

54 John Eddy '54BS, associate professor of education with Loyola University of Chicago, received a Distinguished Service Award at the United Nations-sponsored World Congress of the International Association of Educators for World Peace held in Bucharest, Romania late this summer. Eddy delivered two papers to be published in a new book by the Romanian government.

59 Raymond J. Lunemann '59BS has been named production manager for Supersweet Feeds in New Hampton, Wis. He was formerly the manager of Supersweet's New Hampton plant.

70 Dan Janssen '70BS, St. Paul, and Doug Engebretson '70MS, Bloomington, Minn., have joined the CAPSULE Consulting Services staff of Economics Laboratory's Research & Development Center in Mendota Heights, Minn. Janssen joined the company a year and a half ago as a field test engineer and Engebretson came to Economics Laboratory a year ago as a microbiologist.

Pharmacy

32 Oliver H. Peterson '32BS, Charles City, Iowa, retired vice president of research for Salisbury Laboratories, recently completed a two-month assignment with the International Executive Service Corps in Bogota, Colombia. He worked in the South American city with the Empresa Colombiana de Productos Veterinarios, advising the veterinary pharmaceuticals manufacturer on product development.

43 Melvin C. Osborn '43BS has been promoted to quality assurance administrator in the agricultural products division of International Multifoods, Min-

neapolis. He started Osborn Laboratories in the basement of his home 25 years ago and has been working as production manager of the company since it was acquired by Multifoods in 1971.

Journalism

30 Herbert A. Willis '30, Minneapolis, co-founder of the Willis-Borg Advertising Agency, was the recent recipient of the American Advertising Federation's Annual Advertising Silver Medal Award. Willis began his career in advertising in the classified department of the old *Minneapolis Journal*, progressing to their national advertising department. He was with St. Paul's KSTP for a short while, then joined the *Minneapolis Tribune* which he left in 1948 to become vice president of the Nelson-Willis advertising agency. He helped to start the Willis-Borg agency in 1962.

48 Robert Holmes '48BA, Evanston, Ill., has joined Interlake, Inc. as corporate manager of advertising. He was formerly president of Twin Cities Partnership, a division of Minneapolis' Griswold-Eshleman.

63 USAF Captain Thomas A. McCabe '63BA has received the Bronze Star Medal for his work as commander of the Headquarters Squadron, 6280th Combat Support Group, Takhli Royal Thai AFB, Thailand. He is currently assigned to the Special Services division, 803 Combat Support Group, Davis-Monthan AFB, Ariz. He is serving as chief of food services and custodian of the central base and the base kindergarten funds.

66 Jerry D. Stahl '66BA is serving as director of advertising and merchandising for B.F. Goodrich Tire Company. He joined BFG in 1973 as national advertising manager from Campbell-Mithun Advertising Agency.

73 Amelia Chan '73BA has been named production assistant at Martin/Williams Advertising, Minneapolis. Earlier she had been a keyliner at Harrison & Smith Company, Minneapolis printers.

Peggy A. Ness '73BA is working as an editorial assistant in University Relations at the University of Minnesota, Morris. Previously she was assistant director of college relations at Mount Senario College, Ladysmith, Wis.

Home Economics

64 Barbara Kroll Pillsbury '64BS has received her PhD from Columbia University, New York. She wrote her dissertation under the advisement of Margaret Mead in the department of anthropology. She is currently serving as assistant professor of cultural anthropology at California State University, San Diego.

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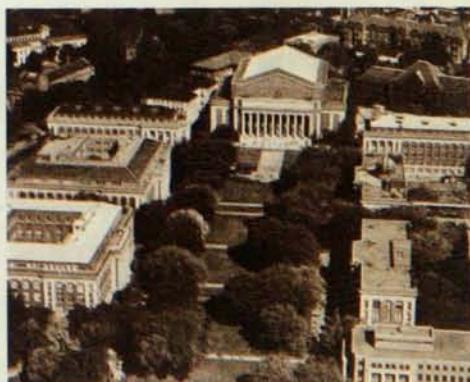
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The University In Morocco

April is a

magnificent time in Morocco. Spring comes early to this northwestern African country, its countryside is filled with colorful arrays of wildflowers, wheat that is heading, waving patches of blood-red poppies — it's like June.

The country's highways are busy with trucks carrying loads of beautiful oranges on their way to European markets. Morocco, potentially the southern California of Europe, has a well-developed citrus industry, thanks to a combination of California varieties and French technology — and the University of Minnesota.

The University, through its Office of International Programs in Agriculture, is helping this independent kingdom manage and expand agricultural industries in the ways modern technology makes possible.

"The French, though many still operate large fruit plantations, no longer own them," John Blackmore, the University's director of International Programs in Agriculture, told The Alumni News.

"And there are very few Moroccan-trained horticulturists in the country."

The University's Moroccan project is a major one, under contract with the United States Agency of International Development (AID), that will last until 1980.

"We are in Morocco to develop what we call a graduate program in agriculture in a college of agriculture, Institute Hassan II of Agronomy and Veterinary Medicine," Blackmore said.

"It is a school on the edge of Rabat where students come to spend six years and graduate with the equivalent of an American master's degree."

The institute, which is staffed

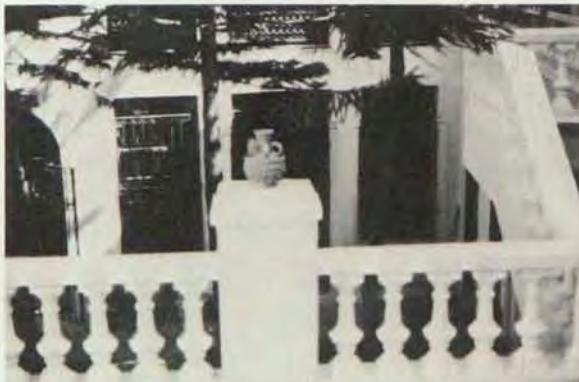
primarily by ex-patriots, is very new and the Moroccans are extremely short-handed at all professional levels, Blackmore noted.

When the University of Minnesota staff began working with Hassan II, the school only had staff for its first four years of education, and none for the graduate levels. Consequently, the University's contract is to provide instructors at the graduate level, teachers in soils, in some areas of plant breeding and pathology and in horticulture.

There are currently six Minnesota faculty members at Hassan II. The leader of the group, or University representative, is Dr. Jean Molina, an associate professor of soil microbiology. He has been in Morocco the longest, and was the first faculty member sent because he is a Frenchman who is fluent in the language that is used in Hassan II lecture halls.

Serving with him are Dr. Pierre Antoine, a plant breeder, who has his PhD in soils from the University of Minnesota; another soils expert, Dr. John

(Continued on page 6)



MOROCCO displays a varied cultural influence, distinguishable in its populace, and in its architecture. The building in the lower right is the student quarters at Hassan II, the agronomy and veterinary medical institute where six University faculty members work today.

THE MINNESOTA ALUMNI ASSOCIATION
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alumni news

UNIVERSITY OF MINNESOTA

JANUARY 1975

VOL. 74, NO. 5

in this issue

The beginnings of a closer look at Minnesota's land-grant system of higher education, in this issue with news of University President C. Peter Magrath's inauguration, profiles on some of his staff members, a capsule history of the College of Liberal Arts today. And there's news of the University's involvement in Bicentennial and of alumni!

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Morocco . . .

Kaddell, who didn't know a word of French when he first started in the program; and Dr. Benthan (Ben) Lockhart, a plant virologist.

These four were recently joined by two horticulturists, Dr. Harold Young, a fruit geneticist, and Dr. David Sams.

Except for Molina, all are assistant professors in the University's College of Agriculture, though not all will return to the Minnesota campus when they complete their tour in Morocco.

The University's Moroccan program is unique, according to Blackmore. "There is not another university in the nation that has tackled programs in the French-speaking countries," he said.

The University also has an educational project underway in Tunisia.

"Both of these projects have gone well because we have hand-picked our people and immersed them in French," Blackmore said. "And we asked them to do the things that they could do."

And because the Moroccans are so anxious for knowledge of American technology, they have been willing to let some of the Minnesota faculty members who initially were not fluent in French, work in Morocco for a year to study the language while engaged in advisory work and research.

"Hassan II is the leading institute in Morocco," Blackmore said. There is another four-year school of agriculture in Meknes, once a French school, that graduates practical agriculturists, and

another in forestry not far from Hassan II in Sale.

The country can also count a four-year school in irrigation technology and about 20 agricultural high schools, among its educational institutions, according to Blackmore.

"These agricultural high schools, which operate in the European tradition, turning out first-line level technicians who can work with the farmers, are similar to the four-year agricultural high schools that Minnesota once had," Blackmore said.

When the University began working with Hassan II it had yet to graduate its first class. Now the institute has graduated three four-year classes and there are about 700 students in the educational complex studying agronomy

THE PANORAMAS of the Moroccan countryside are breath-taking, in beauty and in variety, and the achievements of its people mirror a country aware of its heritage while working to meet the challenges of and participate in modern world technology.



and veterinary medicine. Less than a half dozen of Hassan II's faculty is Moroccan, most are French or Belgian.

Each year 300 students enter Hassan II's program by competitive examination. After a full year of basic science, they are sorted out and the best go into agronomy or veterinary medicine, while the others are sent to other four-year schools of technology.

The institute's six-year program contains much of the same material that the University teaches its undergraduates in agriculture, according to Blackmore, but they have no electives.

"The Moroccan students are all generalists, with a good scientific foundation," Blackmore said. "Later they have the option of which specialization they want to follow, and will work in administration, research areas or as teachers."

The institute's fifth year students are attending schools in France or Belgian, or the University of Minnesota, and

then returning to Morocco to write their theses before receiving degrees in agricultural engineering. There are six Moroccan students at Minnesota this year, one of them a woman.

Blackmore has been involved in international agricultural programs for the past 10 years. Some of his work has been with the Peace Corps at Minnesota, which was the only institution chosen to participate in a Moroccan Peace Corps Intern Program, since discontinued. However, there are still about 17 University of Minnesota students doing Peace Corps work in the country.

Prior to his University work here, Blackmore was head of the department of agricultural economics at the University of Massachusetts, was with the United Nations for five years, and with TVA for approximately 15 years.

His Minnesota responsibilities take him to Morocco about twice a year, and his enthusiasm for the country is excep-

tional.

Morocco is basically an Arab nation, although 40 percent of its population is "Berber" (a corruption of "barbarian"), so there are many blue-eyed Moors among the populace. The Berbers, an Ayrian race, were in Morocco before the Roman invasion, and have had the major influence on the country. Many Moroccans speak Berber rather than Arabic, though all are Moslems.

The Moroccan society is a traditional one, according to Blackmore, although on its city streets today one will see

(Continued on page 10)



THE U.S. AMBASSADOR to Morocco, Robert V. Neumann '57PhD, is looking forward to meeting with and introducing members of the Minnesota Alumni Association's Tour to Morocco to his Moroccan friends and colleagues at his embassy residence. An enthusiastic alumnus, Neumann has long been a participant in the Association's programs. He holds a distinguished record in U.S. foreign service and as an ambassador to Afghanistan and Morocco.



THE VARIETY THAT IS MOROCCO is apparent in these photos, from the street vendors, camel, to the potters, rug merchants, and the street cafes.

editorial

POINTS OF VIEW



Football season is over, but concern about football at Minnesota and about the University's entire intercollegiate athletics program remains.

Still remembered are the days when Minnesota was *the* football power in the Big Ten and the nation, when attendance at Memorial Stadium was limited only by the number of seats available. The Golden Age of Minnesota football, when Minnesota won six Big Ten and five national titles in a ten-year span (1933-1942) is *gone but not forgotten*.

Huge crowds no longer clamor to watch the Gophers play football. Home attendance this season averaged about 38,000 — no more. No longer are our Gophers battling for the Big Ten title, but rather to stay out of the cellar.

What has happened? Why are there no more winning football teams? Why do the Gophers fail to fill Memorial Stadium?

The answer is not complicated. University football has lost its market. Until professional sport teams moved into the Twin Cities metro area, the Golden Gophers were the only major athletic team around; they had a corner on the market plus a winning record in the mid-60's. Because of their football popularity, from about 1945 the Memorial Stadium was practically sold out for every game. With no seats available, alumni priority was abolished. Since that time 150,000 students have received degrees and become alumni who ordinarily are the best supporters of Minnesota football. If it was possible for them to obtain a ticket, it was in the lowest part of the bowl. When the Vikings came, football fans could and did get season tickets at Metropolitan Stadium, and when the Gophers lost their winning ways, attendance at Memorial Stadium likewise started to drop and has continued to drop ever since.

Add to that a great loss in student support and interest during the 1960's, when students would rather do "their thing" than watch a football team comprised of players imported from outside the state. It no longer was "their" team or relevant to their scene. Faculty attendance also eroded, and public support dropped, so, except for the hard core of stadium subscribers who still held the good seats, the Gopher football market of students, faculty, alumni and John Q. Public disappeared.

Then there is the Minnesota football stadium, built in 1924 in a poor location for easy parking, with only 20,000 seats between the goal lines, poor sight lines, with seats located proportionally away from the playing field and crowded together, without back supports. These factors, too, entered into the attendance loss.

Why did the Gophers lose their winning ways? Before the war, coaches actually coached and developed football players, and that is why Minnesota, under Bernie Bierman, had winning teams. Bernie was a great teacher. Because of Minnesota's winning record, during the war the Big Ten did two things which affected Minnesota adversely: They restricted spring practice to 20 days so that a coach was limited in the teaching he could do; and likewise,

disallowed football players from holding jobs while competing in athletics. Minnesota in those days didn't have scholarships or financial aid, but they did have about 40 legitimate jobs for football players.

So instead of coaches being teachers, coaches became recruiters and the race was on. Frank McCormick and Bernie Bierman refused to go along with the recruiting business; they just didn't believe in proselytizing football players and Minnesota football fortunes dropped.

Eventually, Minnesota was forced to start recruiting, and when they did, they found that they were disadvantaged in being a long way from the football recruitment market. Not only that, but as recruiting practices developed, fierce competition for the *top* football players likewise developed. No longer could a team win with just *good* players, it could win with only the very best, the *great* football players.

The problem is that there are only a relatively few great football players, and all the major schools wanted them. Minnesota's natural recruitment area consists of Minnesota, North and South Dakota, Montana, the fringes of Iowa and Wisconsin, and the upper peninsula of Michigan — all rural, sparsely populated areas, all with cold climates, short football-playing seasons which developed only a few great or gifted football players. So Minnesota had to recruit nationally — in Illinois, Ohio and Pennsylvania — but the great football players from these areas are not easily induced to come to Minnesota, far away in the North country. The result was, players who were recruited to come to Minnesota were not quite the individuals who could get the job done.

Minnesota did field representative teams, and even managed to win a national championship in 1960, but without consistent winning, without national ratings or acclaim and in face of competition from the pros, Minnesota's attendance dropped away.

When attendance dropped, receipts dropped. Now, it costs a lot of money to field a football team, it costs a lot more money to underwrite *ten other intercollegiate sports*. It costs a lot of money to build athletic facilities and buildings and to maintain them, it costs a lot of money to hire coaches, assistants and others needed to make an intercollegiate athletic program successful. *How is all of this financed?* You guessed it, *from football receipts*, and with few exceptions, when basketball and hockey are self-supporting. Besides carrying eleven intercollegiate sports programs at Minnesota, for many years the Athletic department supported intramural athletics — staff and facilities — as well as a portion of Men's Physical Education at the University. Actually, on one or two occasions, the University diverted surplus athletic funds for other purposes.

With receipts down and costs up, the Athletic department soon found itself in the "red", at present some \$500,000 *and growing*. No longer will football receipts underwrite Minnesota's total intercollegiate athletics program — in spite of a determined effort by Athletic Director Paul Giel to plug the financial hole by a personal and departmental fund-raising program.

Now comes the final blow — the demand for equality in a women's intercollegiate athletics program. Title IX of the 1972 Education Act says, "*No person in the United States shall be excluded from participation in, be denied the benefit of, or be subjected to discrimination under any education program or activity receiving federal financial assistance.*" Title IX has been on

the books since 1972, but recently the U.S. Department of Health, Education and Welfare (HEW), charged with writing enforcement regulations, came up with a list designed to test public reaction. Interested parties had until October 15, 1974 to comment. The Committee of Ten (The Big Ten Presidents) did send in their comments, as has the University administration, as I'm sure did all the major universities and colleges in the country where intercollegiate athletics would be affected, as well as high schools.

In the face of it, the HEW Rule seems absurd when applied to intercollegiate athletics. First of all, at present, there is no real demand for women's intercollegiate athletics. Secondly, there are practically no women's intercollegiate athletic programs now existent, and those that do exist are *all new since the 1972 ruling*. In reading the law, it would seem that it would not apply to a program that is *self-supporting* and being extra-curricular, one that is not a part of the academic structure of the University. However, in its preliminary rulings, HEW has indicated that the support factor is not important. Likewise, the law places land-grant and state universities in a difficult position because non-compliance could mean losing millions of dollars in federal grants.

The general interpretation of the law seems to be that it means separate, but equal athletic facilities and programs. That means that overall support for a

(Continued on page 10)

POINTS OF VIEW

women's intercollegiate sports program and facilities must come from:

- a) The University's general resources with the funds being taken away from other programs, including academic programs;
- b) Or, requiring the Athletic department, which is self-supporting, to share their gate receipts and other income to support the women's program (at the expense of their own program);
- c) Or, obtaining funds to underwrite a women's athletic program from other sources, including legislative funds, in competition with the overall needs of the University.

At a time of great inflation, in the midst of a serious depression, when all institutions of higher education are having financial difficulties, cuts in budget, smaller faculties, and with our Athletic department heavily in the "red" and with no immediate prospect of reversing that trend, with the state legislature desperately trying to find funds to meet essential services demands, *to divert needed funds to a women's intercollegiate athletic program that for the most part is non-existent, and without demand, would seriously jeopardize Minnesota's present intercollegiate program. It could mean the end of the intercollegiate athletic program at Minnesota, even intercollegiate football.*

Actually, the law calls for equal athletic opportunity for women. *It does not say equal, but separate.*

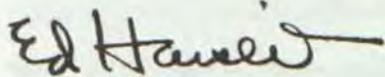
Therefore, to comply, the University could open its present intercollegiate athletic program to anyone who wants to try out, male

or female. The same facilities and coaching staffs could be used.

You say this discriminates against the female? Actually, *intercollegiate sports discriminates against all but the skilled, the agile, the strong and the tall. That's what it's all about.* An intercollegiate athletics program is set up to attract only the best, the *great athletes.*

There are no real reasons why *women*, if they really wanted to, couldn't *compete successfully in the intercollegiate sports* of golf, tennis, gymnastics, swimming and track. Questionable would be basketball, football, baseball and hockey, but these sports automatically discriminate against 99.9% of the entire student body, male or female. It is now a fact that girls are playing baseball and football in elementary and junior high school as well as on park board or other recreational teams. As of this writing, one female is actually a member of an all-male college basketball team and is the first woman to ever play in a regular NCAA-sponsored college basketball game.

To open intercollegiate athletics to both men and women would actually mean equal opportunity for all. The legality of the law and its interpretation has yet to be tested in court, *but you can be sure it will. Equality means equal opportunity, not equal and separate.* If separate and equal becomes the law of the land, intercollegiate athletic programs as we know them will become only memories, *and soon.*



Morocco . . .

very few men in traditional clothing, and women in mini-skirts or in veils and the traditional long robes. "It is a varied and colorful society," Blackmore said.

"And it is still the best place in the world to shop for interesting things. You can find a wide variety of textiles,

fabrics, carpets in both the Berber and Persian tradition, metal- and woodcraft in the country.

"In Rabat in the days of the Barbary pirates, Britain and other countries who used the port, occupied a little street called the Street of the Consuls. Today that street is the street of the carpet merchants and the location of a state warehouse from which carpets are auctioned.

"The last time I bought a carpet there, I paid for it with a check from a local Twin Cities bank and eventually got the carpet by sea. Though these people like to haggle, they do trust you," Blackmore said.

"The Medina or marketplace is a good place to begin an exploration of Morocco," he said.

"Fez is a marvelous city and gives you the impression that you're back in the 10th century. Marrakesh is an oasis and with its all-new irrigation systems and lush surroundings, makes you feel that you're in paradise."

"Its stucco buildings are all painted a sun-burned orange, and it has a tremendous Medina with an enormous plaza filled with snake charmers, story tellers, acrobats and what have you."

He also described the Reef, or Moroccan mountain country of the north with its Spanish heritage, and Agidar, a city of banana plantations and warm, swimming weather in the far south. "And for the adventurous, there is the desert and the mountain and river areas, the poorer more picturesque parts of Morocco," he said.

Blackmore is not the only University faculty member who has traveled fascinating Morocco. Joseph Ordos, associate professor of jewelry design, has taken two or three groups of students to Morocco and gone to out-of-the-way villages to see the crafts that are now fading from the world.

And there is an important alumnus who currently makes his residence in Rabat — Robert G. Neumann '47PhD, the American Ambassador.

Ambassador Neumann hopes to meet the Association's Tour group when it goes to Morocco, and, if he is able, brief the Minnesotans on the excellent relationships the U.S. has with the country, as well as introduce some of his Moroccan friends and colleagues during a reception at his beautiful embassy residence.

Be it for the Minnesotan at work in Morocco or the alumnus on tour there, the country offers a challenging and exciting visit!

Minnesota People

Dr. Harold G. Scheie and Arthur H. "Red" Motley Receive Horatio Alger Awards in 1974

Dr. Harold G. Scheie '31BS '35MD, world-renowned ophthalmologist, and Arthur H. "Red" Motley '22BA, New York publisher of *Parade* magazine, received Horatio Alger Awards in 1974, along with nine other individuals whose careers typify the results of individual initiative, hard work, honesty and adherence to traditional ideas.

Dr. Scheie, chairman of the 100-year-old department of ophthalmology of the University of Pennsylvania School of Medicine and director of the new Scheie Eye Institute, is an eye surgeon, an accomplished teacher and the author of 185 articles and several textbooks dealing with clinical and research aspects of his speciality.

He was born in 1909, the son of homesteaders, in Brookings, South Dakota. He received his secondary education in Warren, Minnesota, where, in addition to doing farm chores, studying and starring in athletics, he earned money for his family and for his college tuition. He continued to support himself through college and medical school at the University of Minnesota and assisted in the support of his sister while she was in nursing school.

Dr. Scheie's contributions to medical literature began during his internship at the University of Pennsylvania Hospital and continued during his years in the U.S. Army and as a member of the faculty of the University of Pennsylvania. After Dr. Scheie became chairman in 1960, the University of Pennsylvania department of ophthalmology grew to such an extent that it became necessary to plan a new building.

Dr. Harold Scheie



During the last ten years he has raised \$10 million to build and furnish a unique, six-story ophthalmic institute. The building, which opened in August 1972, was built entirely without government money and, according to a stipulation of the major donor, was named the Scheie Eye Institute.

"Red" Motley is a Midwestern farm boy who worked his way through college winning academic honors and who then pursued a career in publishing. He became president and the publisher of *Parade*, the Sunday newspaper magazine, in 1946. Later he became chairman of the board and lead the magazine from a circulation of about 2 million and an 18-newspaper distribution to a circulation of nearly 19 million in 108 distributing newspapers.

Motley is a past president of the U.S. Chamber of Commerce, a di-



"Red" Motley

rector of Booth Newspaper, Inc., the corporate owner of *Parade*, Starch INRA/Hooper, Sequoia Insurance Company, Sevning Citrus and is also a former director of Whitney Communications, Inc.



A PENSIVE C. PETER MAGRATH listens to the Honorable Elmer L. Andersen, chairman of the University Board of Regents and former governor of Minnesota, speak for the Regents during the inaugural ceremony. At his left are Regents George W. Rauenhorst, Lauris Krenik and Kathryn Vander Kool; to his right, The Honorable Wendell Anderson, Governor of Minnesota.

On a snowy

afternoon in late November, during a simple and dignified ceremony, C. Peter Magrath was inaugurated as the eleventh president of the University of Minnesota. At 41, he is the second youngest leader in the institution's history, the youngest since Minnesota's first president, William Watts Folwell, at 38 years of age, arrived at the University in 1891 to be greeted by 13 students and 11 faculty members.

Following the Academic Procession which wound its way through the snow from Walter Library, up the Mall to Northrop Auditorium, the National Anthem and Invocation, The Honorable Elmer L. Andersen, former governor of Minnesota and now chairman of the University's Board of Regents spoke for his fellow regents.

He acknowledged, with great honor, the presence of the federal government's highest official in the field of education, Dr. Virginia Trotter, assistant secretary of the Department of Health, Education & Welfare. She and Dr. Magrath were colleagues at the University of Nebraska-Lincoln where she had

served as vice chancellor of academic administration.

And Regent Anderson commended the Regents' presidential search committee, the faculty and students representatives who gave large amounts of time to work with the committee, and the representatives of the Minnesota Alumni Association, Foundation and community at large who participated in the search.

"The Regents believe that under the leadership of C. Peter Magrath, the University of Minnesota may well be entering one of the most significant periods of development in its long and distinguished history," Anderson said.

Speaking for the
State of Minnesota, Governor Wendell R. Anderson, an alumnus of the University, pointed to the importance of the University president's inauguration in which the state's governor now participates by

tradition. "There is nothing that has more importance to the State of Minnesota and the quality of our life than the inauguration of a president of the University," he said.

"Whenever I go I am always asked why Minnesota is so unique, and it is," Anderson said. "When Alister Cook first came to Minnesota in the '30s, he was told he would find a wasteland. Instead he found something we all know — we are an exporter of talent to the country and to the world."

"Wherever teachers, physicians, engineers, business and political leaders, and innovators in agriculture and science are at work, we see the imprint of Minnesota and the imprint of this University," the governor said.

The governor talked of the commitment that Minnesotans must maintain toward their University: "It is obviously a time of austerity, but some have used this as an excuse to reduce our commitment to this institution, to education and to our young people. I reject this attitude."

"In times of difficulty and austerity, our commitment to education

New University President and Minnesota Governor express unity between University and State at Inaugural

must be even greater. Education and the enlightenment it brings, helps us to find our way and have been needed to help solve our problems before."

Anderson noted that in order for Minnesota to remain a "leader state" it must pay the price and sustain its extraordinary commitment to higher education.

"The demands we have always made on our great University reflect our deep belief in the ability of this institution to enhance our lives," he said.

"I am impressed with the ability, vigor and common sense with which you have approached your new duties," he said to President Magrath. "I eagerly anticipate the impact of your personal leadership on this great leadership institution."

Governor Anderson then presented the Mace which symbolizes the conferring of authority and responsibility on the University's new president to C. Peter Magrath.

The crystal sphere at the top of the Mace signifies the illuminating quality of knowledge and education, while the Mace itself represents dignity, power and authority. The star at the head of the Mace is the North Star, symbol of the state and the most important star for navigation.

pursuit of a better life and improved educational opportunities for all persons."

He stressed that unity is needed to compensate for a "tension" that tends to divide Minnesota into rigid categories and interests, rural, urban and suburban."

"Minnesota is not so large in population, in natural resources and in various other ways that we can afford the luxury of divisiveness among our geographic sections, our economic and social groupings, and our people in general.

"This same point applies just as forcefully to the University of Minnesota."

Magrath said that the health of the University and the state depends "significantly on our collective ability to see the advantage of unity and cooperation."

He feels that although the kind of strife seen on many campuses in the 1960's has run its course, universities should allow the open exchange of ideas.

"A university without controversial and dissent is not free, for the



THE NEW UNIVERSITY president received a wintery welcome on his inauguration day, as Mace-Bearer James F. Maclear, a professor of history on the University's Duluth campus, lead the inaugural academic procession through a snow-shower to Northrop Auditorium.

In his

Inaugural address, President Magrath re-emphasized the need for unity between the state and the University that Anderson had mentioned.

"Our future," he said, "is tied to the capacity and willingness of Minnesotans and all persons involved with the University to set aside petty differences and make our geographic, economic and social diversity a source of strength rather than weakness, in a unified

very nature of the academic process that we instil in our classrooms, our seminars, our scholarly research, is one of questioning, of criticism and of disputation.

"Those of us who teach and those of us who as parents bring up our sons and daughters to be independent and self-reliant ought not to be surprised when they learn their lesson well."

Minnesota is fortunate, Magrath noted, to have only one state university so that the resources of the state are not spent on duplication. "Minnesota has unique opportunity

Duluth Seeks Dean For College of Science & Letters

The University of Minnesota, Duluth, newly reorganized into six schools and colleges (College of Education, College of Letters & Science, School of Business & Economics, School of Fine Arts, School of Medicine and School of Social Development) is presently accepting nominations and applications for the position of Dean of the College of Letters & Science (CLS).

The dean of CLS, as the chief executive officer charged with providing general academic direction and administrative supervision of the college, is responsible for faculty and staff appointments, budgetary recommendations to the President and administration of college policies. The dean is also the liaison representative of the college in relation to other units of the UMD campus and its educational programs.

The search committee, chaired by Klaus Jankofsky, is looking for a person with a broad academic background, an earned doctorate, successful teaching and scholarly experience in appropriate academic disciplines, successful administrative experience, and a demonstrated strong commitment to undergraduate and graduate education.

Results of the search will be presented by February 15th to President Magrath, who will then continue the selection process with UMD administrators.



MINNESOTA GOVERNOR Wendell Anderson, at the right, congratulates University President C. Peter Magrath, his wife Sandra and daughter Valerie, after he had presented Magrath with the Mace of the University of Minnesota, officially proclaiming him president of the University.

to capitalize in the best possible fashion on its university," he said.

Magrath admitted that the University's professional schools should do more to increase opportunities for students who are women and members of minority groups.

"I would hope that the University of Minnesota could try to provide some national leadership in correcting this situation, one of the keys of true educational opportunity," he said.

He finds that the best education will result from people dealing with each other as human beings and not in categories.

"Although it may be helpful and necessary for us to describe ourselves as student, faculty, legislator, administrator or whatever category we choose to invent or contrive, we are all individuals with feelings, with needs and with aspirations," he said.

The future of Minnesota, the new University president said, is profoundly bound up with the role it enables the University to perform." Magrath hopes to continue the land grant tradition encouraged by Minnesota's first president, Wil-

liam Watts Follwell, of the University as a "federation of schools devoted to practical concerns, higher principals and an attitude of investigation."

About 150 faculty, students, administrators and representatives of other educational institutions participated in the inaugural ceremony, while guests from educational and political institutions and members of the public attended.

A native of the eastern United States, Magrath was exposed to the midwest for a few years when he served as academic administrator at the University of Nebraska, Lincoln. He was president of the State University of New York at Binghamton last spring when he was invited to Minnesota.

Gophers On TV!

Two Gopher basketball games will be shown on regional television in 1975: the February 15th contest between Minnesota and Michigan State at Michigan State, and the February 22 game between the Gophers and Iowa at Minnesota. Both are afternoon games.

New administrators project candor and enthusiasm

On the

second floor of Morrill Hall, close to the University president's private office, are the offices of three individuals, two men and a woman, whose personalities and activities mirror the concerns, vigor and enthusiasm of the University of Minnesota's new four-month-old administration.

Walter Bruning, the new vice president for academic administration, has found himself involved in all kinds of things. "When people can't solve their problems or don't know where to go to solve them, they all seem to end up here," Bruning says of his fast-paced office.

More than half of his time is spent on crises of the moment, problems that need immediate response and can't be handled because he has other commitments.

"When something pops up outside the normal channels of a vice president's responsibilities, I try to get it back into that channel or into the right channel to see that some resolution is effected," Bruning told *The Alumni News*.

Both the president and Bruning have been trying to meet with University faculty members and students in their academic departments, in order to familiarize themselves with the campus, its personalities, activities and problems.

The two men have been upset with the adverse effects the Retrenchment and Reallocation of the past few years has had on the colleges and departments. "We really weren't prepared for it," Bruning said.

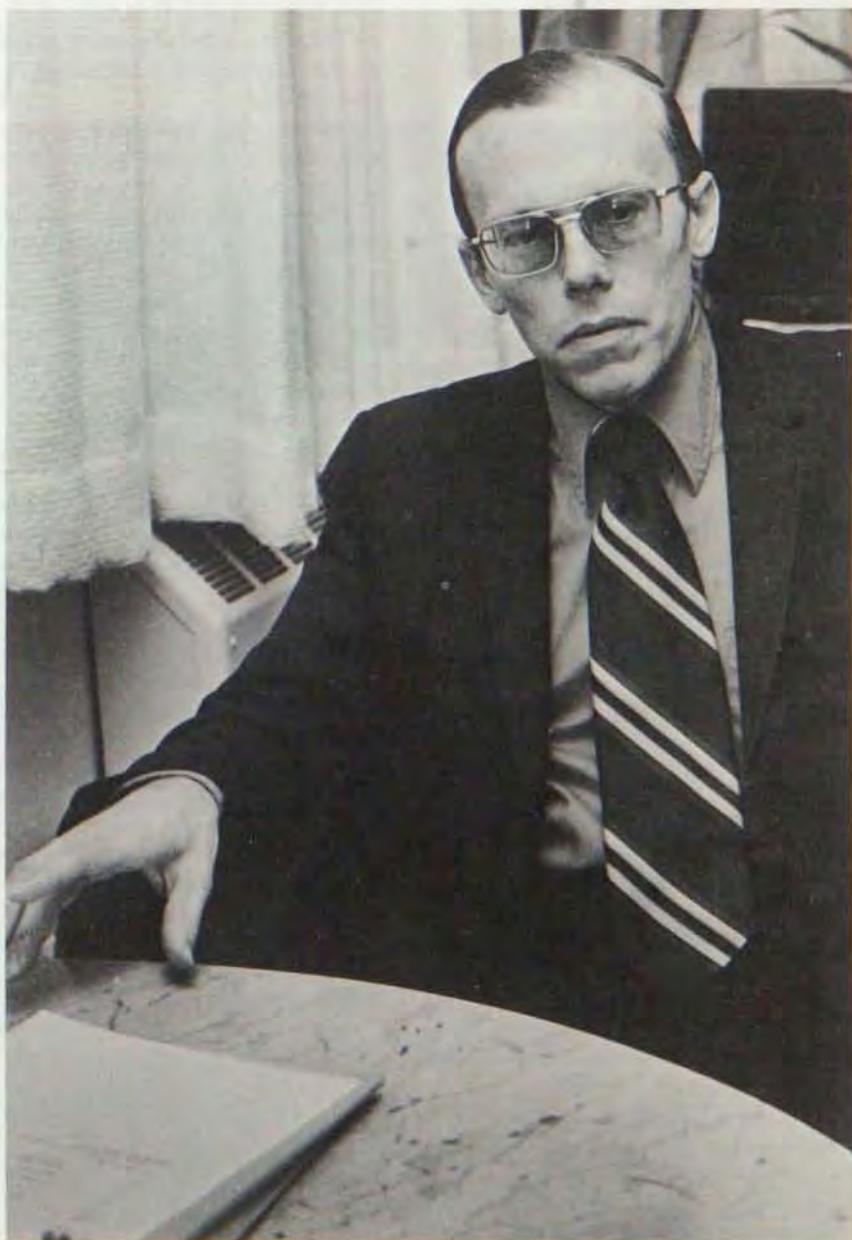
"I thought Minnesota had a fairly good resource base. But the

erosion of purchasing power in the departments in terms of the kind of faculty and support materials they can buy has really been rough."

Those units which have been traditionally funded by grants and government contracts which have dried up and the research departments which need a lot of expensive equipment have suffered the most,

although the libraries for the social sciences and humanities are also hurting in the face of rising publishing costs.

"I would hope that the public knows how bad the situation is in education," Bruning said. "When the housewife who goes grocery shopping or the husband who shops for a pound of nails or a can of putty



Vice President for Academic Administration, Walter Bruning

Editor's Note:

The new University of Minnesota administration is committed to the ideal of a land-grant university, one that is working to apply its research and teaching efforts to the practical problems of the state and the nation.

Future issues of The Alumni News will reflect the administration's land-grant concern and explore the expediency and success of this educational philosophy in Minnesota.

see what is happening to prices, they must realize that the University of Minnesota is buying the same things and faces the same problems.

"People have got to understand what has happened to us in utility costs. The University has converted almost entirely to coal for energy purposes and the price of coal delivered to our dock has more than doubled in one year. Today it costs over \$50 a ton delivered, where a year ago it was \$22."

Bruning also serves as a liaison between central administration and the coordinate campuses in outstate Minnesota. He isn't able to be at them as much as he would like to be, but still has visited all of them since he arrived in early August and is in constant contact with them.

"The coordinate campuses are definitely important to the University," he said, "and provide a real opportunity for students outstate who can't afford to come to the Twin Cities or really don't want to come to the metropolitan area, to have a higher education option that has the prestige of the University of Minnesota."

"I don't mean to downgrade the state or community college systems. But many of the kids outstate want to be involved with the University, and they are very fortunate that people like Stanley Wenberg (a former vice president and now a University consultant) had the foresight in the 50's to fight for the coordinate campuses and see that they were set up."

"They are a definite strong point in the University's offerings," Bruning said.

He finds that each of the coordinate campuses has special problems all their own. In the case of the agricultural and technical schools at Waseca and Crookston, the University has to keep reminding enthusiastic local communities that these schools are not general purpose institutions, but have fairly narrow-focused missions in agriculture and technical education.

"They offer courses of study that support agriculture and produce a very specific kind of person for the work force, one that is able to move into the mid-management level in agri-business or a better informed youngster who is able to go back to the farm and work more effectively," Bruning emphasized.

"There are community college and vo-tech systems within the state that are designed to take care of the general educational needs of the population. We offer general education at Waseca and Crookston, but only in support of the other programs."

The Morris campus is the University's alternative to a small, self-contained liberal arts setting. And it will never become as big as

the administration had predicted. Enrollments leveled off before the campus had reached its projected growth and staffing, consequently, lagged behind. Now with Morris enrollments again increased, the student-faculty ratio has become the highest in the system, 18 to 1, as compared to 14 to 1 on the Twin Cities campus.

"It's difficult to ask the Legislature for more staffing for Morris when they have been so keyed to enrollment growth as a means to predict staffing growth," Bruning said.

"The Duluth campus presents a whole set of challenges different from the other three campuses. UMD has nearly the entire range of University activities, except for PhD programs which they cannot possibly have in the foreseeable future."

To be fully effective, Bruning feels that the Duluth campus must form master's degree programs that make a lot of sense to the Duluth community and to northeastern Minnesota.

"The key to overall development in the University's graduate effort is that the Twin Cities campuses will present the bulk of graduate instruction — that's where the big resources are."

Bruning must also oversee the University's Affirmative Action Program. "Both President Magrath and I feel that the University must redouble its efforts in the field of equal opportunity," he said. "We made some progress, but we've slipped, and must again develop interest in finding opportunities not only for women and minority students, but also for women and minority professional staff to move into key positions within the University."

The vice president "fell" into the administrative work at the University of Nebraska, Lincoln, where he was a professor of chemistry. In the late 1960's, when President Magrath was first associated with Nebraska in an administrative capacity, he wanted someone in his office who was experienced in the sciences. Bruning was that someone, and became a part-time assistant dean. He continued in that administrative role and another for about four years, also maintaining a research program with his graduate students.

"I gave up teaching in 1970 because my schedules got to the point where I couldn't meet my classes, and I didn't think it was right to have students waiting for me when I was called away to do something else."

"The more I've become involved with administrative work, the more I've enjoyed it," Bruning said. "I have always seen myself as a facilitator in an administrative setting, trying to get people together who don't know about each other or who don't want to know about each other. I enjoy it."

Bruning, his wife and twelve and one-half year old daughter make their home in Golden Valley, a Twin Cities suburb. But with the active pace that Bruning has been keeping since he came to Minnesota, he isn't at home too much of the time.

"This past Sunday was the first whole day I had spent at home in a long, long time. And you know, it was kind of fun!"

She uses the old Missouri technique of hitting the mule over the head to get his attention

Shortly after Vice President Bruning's appointment was announced, President Magrath received a letter from the University's Council for University Women's Progress (CUWP) suggesting that the proper Affirmative Action practices had not been followed in his hiring. Jeanne T. Lupton was chairperson of CUWP at the time that letter was sent.

"I used the old Missouri technique, of hitting the mule over

the head to get his attention," she said. And when she was initially suggested as one who should become the president's administrative assistant, her first reaction was "you've got to be kidding!"

Today she is enthusiastically involved in that position.

"I'm always intrigued with new possibilities for career development and I've always followed a very unorthodox academic life," Lupton said. "I like to work in a position



Administrative Assistant Jeanne Lupton

where you're really involved, like this one.

"I have also been interested and concerned with the fact that women were not involved in the University's central administration. Though I knew that my time would not be my own in this position, I felt my taking it would be responsive to central administration's need to realize that women can contribute a little more in key positions."

Lupton, who enjoys a very, very close working relationship within the greater framework of the president's office and the vice presidents' offices, sees her responsibilities as Magrath's administrative assistant largely undefined.

"I'm involved in communicating, listening and questioning," she said. "And, of course, I screen people who want access to the president.

"I hope it's advantageous to the president that I know a lot of people within the University — people in civil service, student personnel, faculty members and many at the middle-administrative levels. Many of these individuals have never had a voice to central administration. Perhaps I can voice some of their concerns and interests," Lupton said.

She particularly appreciates the open working relationships in central administration and the movement of information throughout the offices.

"We try to respond to every request that comes through the office, and to those of the people who just walk in, be they students, faculty members, whoever. I even feel that the redecorating in the president's offices has helped with our communicating with University people, it emphasizes the openness of the office," she said.

"I feel that President Magrath is a very effective administrator and very open in his response to others. He also has an invaluable sense of humor which I consider essential in administrative work."

Jeanne Lupton found it difficult to leave her job as director of student services in the University's College of Biological Sciences where she had served for eight years. She was extremely happy there and enjoyed and learned from her work as Dean Richard Caldecott's administrative assistant and later working with students. She is a tenured professor in the University's General College where she taught for six and one-half years in the social studies division. Earlier she had taught four years at Mankato State College and at a high school. She has a bachelor's, master's and PhD, all from the University of Minnesota.

Jeanne's days as Magrath's administrative assistant are long days, and she is thankful for an understanding husband, who is going through a doubly frustrating time since he is a stock broker.

Jeanne herself is often frustrated by problems that can't be resolved. "I just hope that I can make people understand why they sometimes don't get the answer they wanted," she said. "I know that we can't possibly satisfy everyone, but as a communicator, perhaps I can ease the blow."

She is still very much involved in Affirmative Action at the University. "All the problems have not been solved, and we can't expect them to be overnight. However, the University has a firm commitment to the Affirmative Action program and has a record of change that is noticeable.

"I believe that the changes will become even more noticeable during this administration. I wouldn't have joined its efforts if I hadn't believed this."

Jeanne resigned her position as chairperson of CUWP when she took her new job in Morrill Hall, but she retains her membership.

She feels that President Magrath thinks groups like CUWP have been a positive force at the University, and have and still can contribute much in terms of information and pointing up vocational situations that need review.

Jeanne Lupton is a positive force in the new University administration, and one communicator who will always have her door open.

He can more than write his way out of a Baggie!

Easterer Mitchell Pearlstein's speech patterns may startle some midwestern ears, but his youthful verve, and dedication to the cause of higher education make him a valuable adjunct to the president as his speechwriter and administrative aide.

"Some people are taken aback by the idea that the president needs a speechwriter, but I'm happy that he thinks it's a good idea.

"There are 'ghosts' all over the place that people hide. The only way Peter Magrath can say something of substance everytime he makes a speech — which is more than once a month — is if a great deal of research is done.

"I serve that kind of purpose. And what I do is only as good as the information I get," Pearlstein said.

Mitch never writes anything for the president unless he is confident that he knows what Magrath wants to say. "Happily, I've spent enough time with him in the past few years, talking to him personally or watching him in action in meetings, to have a very good idea what his positions are on the major issues in higher education.

"Sometimes when we have a topic for a speech, I just sit down and write. Other times I ask him for



Speechwriter and Administrative aide Mitchell Pearlstein

a briefing memo. He begins editing on my first draft, and, on one occasion made revisions at the eleventh hour.

"Peter Magrath is an enormously effective off-the-cuff speaker, and I've told him many times that he's more effective off-the-cuff than with a prepared text, and even better in question and answer sessions. But he always likes to have notes in front of him, even when talking off-the-cuff."

Pearlstein has one lingering fear as a speechwriter: that he will have written about a subject that someone in the president's audience knows well, and that person will leap to his feet and loudly demand the president's source of information.

"I also get upset when I write good jokes for him and he doesn't get any laughs. A few minutes later

he will adlib a joke and everyone will double up. I guess my jokes are too subtle."

Mitch, who also does administrative leg work and is on the phone for the president at times, came to Minnesota with Magrath from the State University of New York at Binghamton because he was asked.

"His job offer fit in perfectly with my career plans at that time. Yet, I find it hard to talk about a 'career' because I'm only 26 and one-half years old and have only held four different jobs, all good but limited ones, since getting out of school."

But Pearlstein has already made a definitive mark as a writer and communicator. He started writing professionally as a reporter for a small morning newspaper in Binghamton in April 1971.

"I fell into the job without plan," he said. "I had worked in a Congressional campaign as an advance man and had edited a book of essays by the same man whose campaign I ran. He owned the newspaper and offered me the job."

Pearlstein, who received a bachelor's degree in social science from SUNY-Binghamton in 1970, had been active as a student in the anti-war movement.

"The newspaper I worked for had a policy — and one that I sup-

port — that its reporters were not permitted to become actively involved in partisan issues. If they are going to be believable as reporters, they must leave the impression that they are objective.

"Once President Nixon decided to mine Haiphong harbor and bomb Hanoi, I couldn't live with that policy any longer. I resigned that evening and took part in a peaceful anti-war demonstration the next morning. I was arrested and within a month started working at SUNY-Binghamton in the university's office of public information."

He was in that office a little over two years, the last few months as director of public information after serving as acting director for a number of months.

His ideas and beliefs do not conflict with the academic world. "I like to see myself socially committed on behalf of something,

and being professionally involved with and committed to higher education meshes nicely with any social concerns or conscience I might have."

Mitch would like to see himself improve as a writer in the next two years. He is fairly confident that he is already a decent writer and can see improvements in his work each time he writes.

"Some people want to write the great American novel, but I want to write the great American memo and then a hit song that will make me very rich," he says jokingly.

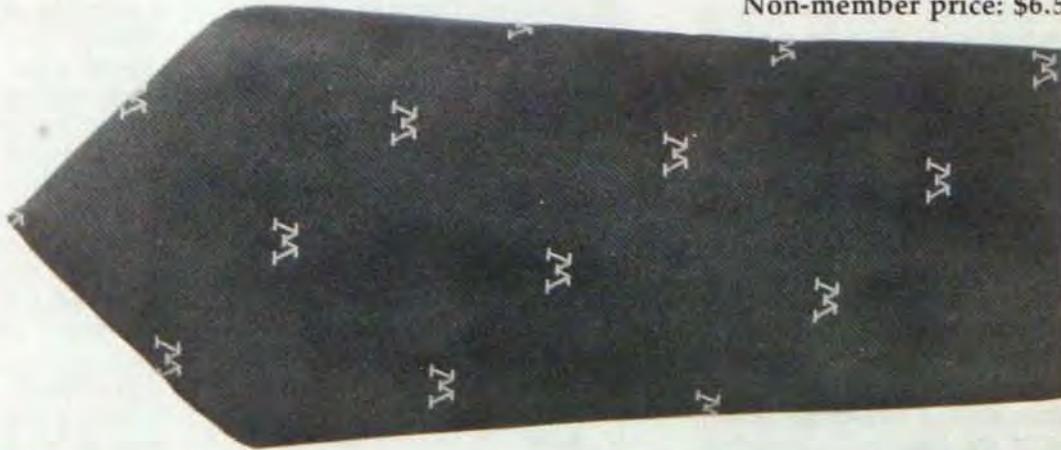
Mitch likes Minnesota and has tried to visit with as many of the constituencies of the University of Minnesota as possible. He feels that the University faces many of the same problems of communication that he and Magrath faced at

Binghamton, and so feels right at home handling them.

He doesn't like the idea of the president having his hand out for money every time he speaks, as has been the case recently. "But it is the undeniable truth, that unless we have the money, we can't function properly," Mitch said. "However, funding is not the complete answer, because it doesn't mean much if we don't have good programs and people."

"I'm encouraged about the future of higher education, especially when I look at the kinds of institutions that the people of Minnesota and across the nation have built. Public higher education has been a magnificent venture and is truly a success story."

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Today's College Of Liberal Arts Is Aristotle, Computers and Dakota

The College

of Science, Literature and the Arts (CSLA) was founded in 1868. The thirteen faculty members who staffed the new college's classes in Old Main would soon become familiar names in Minnesota's history. John F. Downey, who taught mathematics and astronomy, was appointed dean when the office was created in 1903.

In 1908 the article, "University of Minnesota and Men Who Made It," was published in the Minneapolis *Star*. James Douglass Carr, its author, claimed that CSLA did not occupy the position it had held in the past: "It has become recognized that the province of the university is to prepare men and women for the battles of life as well as

to provide them with a fund of learning and culture. So there has been a broadening out of policies and a widening of the scope of institutions of this character. The purely academic courses, however, still retain a popularity that is indicated by the large enrollment in the CSLA."

Folwell Hall, the early headquarters of CSLA, was almost ready for occupation the same year the Carr article appeared. The college's faculty had been enlarged until, according to Carr, a dozen men were teaching courses taught by one man 25 years ago. The faculties of geology, mineralogy, biology, mathematics and astronomy had the most additions. But one man, Professor Christopher W. Hall, taught

classes in the first three courses named.

Under Dr. Northrop, men and women who would be liberal arts faculty luminaries for years to come, were added to CSLA's faculty.

When George Edgar Vincent became the University's president, Downey was still dean of CSLA. Admission to the college was based on "pass", "pass with credit", and "pass with honor". The university required a balance between the first and last of these two which the state's high school leaders considered snobbish and restrictive.

The discontent with these admission requirements caused Dr. Vincent to "discover the fundamental purpose of this unit (CSLA); to discover whom it was supposed to educate and in the light



IN THE EARLY 1800's Folwell Hall, pictured from the south side above, became the headquarters of CSLA. And under President Northrop, men and women tread its halls who made liberal arts study at Minnesota revered nation-wide: Ada Comstock taught rhetoric; Richard Burton, drama; Joseph Warren Beach, who was Dr. Northrop's nephew, taught rhetoric also; Oscar Firkins taught literature; Arthur Upson, English; David Ferdinand Swenson, philosophy; Josephine Tilden and C. O. Rosendahl, botany; Alois Kovarik, physics. Dr. Thomas Salter, the well-known director of the Museum of Natural History, would become a professor of diseases of children, A. B. White taught English constitutional history; and Ruth Phelps, romance languages.



AN EARLY VIEW of the University's Minneapolis campus invokes images of some of the first CSLA faculty members who would become familiar and beloved campus figures: Dr. William Folwell who taught political science; Dr. Jabez Brooks, language and literature; John G. Moore, German and literature; John S. Clarke, Latin; Dr. Moses Marston, English and literature; Matilda J. Campbell, English and German; Maria L. Sanford, rhetoric and elocution; Professor William A. Pike, who taught physics and headed the engineering school; Dr. James A. Dodge, chemistry; Dr. Alexander F. Ormond, mental and moral philosophy and history; Charles W. Benton, French and literature; Edward D. Porter, the theory and practice of agriculture; and Dr. John C. Hutchinson, Greek and mathematics.

of what philosophy." He was in office only a few days when a young man in the Medical School, a professor of anatomy, spoke to his club in the faculty dining room on "University Organization".

That speaker, Dr. John Black Johnston, succeeded Downey as dean of CSLA. He believed "that everyone should be educated in proportion to his capacity, limited only by the economic resources.

He defined the task of the university: to produce learned men for the professions; to supply the community with teachers at all levels of instruction; and to return to "the large scale laboratories of social intelligence men and women of disciplined mind, prepared to engage honorably and under the spur of awakened imagination in the everyday work of the world."

The Arts College, he knew, touched all of these tasks. One-third of the registrants were students going through their first two years of "general culture" without any guidance. Two-thirds were being given instruction for professions. Dean Johnston was determined that the one-third would not only receive proper instruction, but also intelligent guidance.

The question of CSLA admissions was turned over to the newly-formed University Senate which modified the language requirements and accepted history, social science and vocational subjects into the curriculum. A new grading system was established with honor points for superior students. An

A was worth three honor points; a B, two; a C, one, while failing grades meant minus points. An ambitious, bright student could shorten his undergraduate years by applying honor points to his degree credits.

By 1911 Dean Johnston had evolved the admission requirements that the college uses today: entrance examinations, by certificate and by aptitude tests.

Under Johnston's administration, the initial steps were taken for the later establishment of the School of Social Work and the School of Business Administration. But traditional liberal arts standards and values were maintained by such faculty members as Elmer Edgar Stoll, recognized as one of the world's greatest Shakespearean scholars; Joseph Warren Beach, a poet, who broadened the curriculum by teaching contemporary novelists; Martin Ruud in Middle English; Joseph M. Thomas, head of the department of rhetoric and public speaking in Dr. Northrop's last year; Arthur Compton in physics; Karl Lashley in psychology; and by Guy Stanton Ford, Solon Justus Buck and August Charles Krey in history.

During the first year of Dr. Vincent's presidency, CSLA's William H. Emmons began his first of 34 years in geological survey work that would greatly benefit Minnesota.

With the coming of Marion LeRoy Burton in 1917, changes in enrollment, due to World War I, affected CSLA, and women replaced men. Dr. Richard M. Elliott became the head of the psychology department, which had been separated from philosophy. The College of Education became a separate unit, claiming students whose course work had been in CSLA, law and even agriculture. A separate College of Education had been the dream of Lotus Delta Coffman and was accomplished in 1920.

Dr. Coffman and Dean Johnston favored the superior students, while Dr. Coffman thought such favor smacked of snobbery. In 1924 a Committee on Educational Research was established at the University to study education theory and practice. Dean Johnston was on that committee.

Eleven years earlier he had declared that "divisions in the university were the result of men who wanted to be rulers in minute spheres." He believed in simplified administration, that large departments should be established based on close relationships of subject matter.

Out of the first Educational Research committee came a second on administrative reorganization. Dr. Johnston had his way and in June, 1930, University College was established for the superior student. Two years later Dr. Coffman saw the more average student accommodated when General College was opened.



ERRET McDIARMID was dean of CSLA from 1952 until 1963, involving students and faculty in the affairs of the college as never before.

Only 20 of the first 150 applicants to University College were accepted. Although that college was elite in its students, Malcolm MacLean, who headed General College, saw to it that his students received superior instruction. His assistant was alumnus and retired Purdue president Frederick Hovde. The curricula was taught by deans and, as James Gray wrote in *University of Minnesota: 1951-1951*, "deans-in-the-making".

CSLA had spawned two colleges for special students. After more than 40 years, University College in 1974 has changed its direction. Originally, the college gave students an opportunity to choose courses to suit their own goals, with the assistance of advisers. University College students can still do this today, providing they have earned 190 credits from at least two other colleges.

Yet there are two other University College programs which freshmen, as well as students in other classes, may enter without the 190 credits: Experimental College and University Without Walls. In the first students not only plan

their own degree programs, but they assist other students in their planning. The college is a self-governing unit.

If a student cannot attend classes on campus, he may present his learning objectives to a special academic committee and work toward a degree outside traditional procedures in University Without Walls.

The two-year degree originally offered in General College is now known as the Associate in Liberal Arts degree and represents work completed in a program of general education. After obtaining the ALA degree, students can continue in CLA or enter professional schools.

As early as

the 1930's students protested the quality of teaching in University humanities courses. They believed that science

courses were given priority. Students had little to say about CSLA's administration and they were given little direction in planning their academic work. In the 1940's when Dr. E. G. Williamson became dean of students, the Junior Counseling Office provided special counselors for CSLA students, who, when they reached senior college status were assigned to a major adviser. Other changes were made in CSLA during the 30's with new methods of teaching, freeing students to choose from more fields of education, yet giving more than random surveys in history, science and English.

Dean Johnston's resignation in 1937 signaled more than counseling changes in CSLA. John Tate of the physics department succeeded Johnston. Tate chose scientists J. William Buchta, Alfred O. C. Nier and John J. Williams to assist him. Thomas Raymond McConnell, professor of educational psychology and chairman of the Committee on Educational Research, was assistant dean. This administrative team determined that the social sciences and humanities were to be emphasized in CSLA and that applied mathematics and applied science would not take precedence. CSLA would be a truly liberal arts college.

In 1944 Dr. McConnell succeeded Dean Tate and set up divisions of humanities, social sciences and natural sciences, each with its own council. After two years' study, the Arts College created a degree of Associate in Arts. As the changes continued: Orientation courses in natural and social sciences were developed around a core of humanities to form a department of general studies. During World War II the School of Military Government and Administration used special techniques to teach languages and foreign cultures. Area studies were first taught in an interdisciplinary program; Harold Quigley and then Harold C. Deutsch worked with a supervisory committee on that program. Tremaine McDowell and a committee were responsible for another interdisciplinary study, "Program in American Studies".

Dean McConnell resigned in 1950 to become chancellor of the University of Buffalo. J. W. Buchta, then assistant dean, became acting dean until Errett Weir McDiarmid, a librarian, was selected dean. When he took office,



TODAY FRANK SORAUF is dean of the University's College of Liberal Arts. He has said about the large collegiate unit he heads, "A liberal arts education doesn't mean one thing to all students and that's one of its beauties. What it is depends on part on what one brings to it and what one expects from it . . ."

President Morrill said that he would bring "high scholarly integrity and stimulating leadership to the new assignment."

Upon McDiarmid's retirement 11 years later, Roger B. Page, then assistant dean of CSLA and now associate dean of CLA, indicated that McDiarmid had involved students and faculty in the affairs of the college as never before. He had helped to place students on college committees where none had been. In 1951, during the first year of McDiarmid's deanship, 5,161 students were enrolled in CSLA. In the fall quarter of 1962 there were 10,720.

Despite the enrollment increases,

weekly seminars for exceptional students were still held. The CSLA Intermediary Board was in a growth stage at McDiarmid's retirement and an honors program had developed. He had also promoted a close relationship between the speech and theatre arts department and the Tyrone Guthrie Theatre.

When McDiarmid

resigned as dean of CSLA in January 1963, he returned to teach a graduate course in the Library School. He believed that "the new College of Liberal

Studies which will replace CSLA should begin under fresh leadership. A new type of organization needs a new viewpoint that a former dean cannot provide."

His successor was E. W. Ziebarth who, in 1962, had been appointed a double dean, continuing to serve as dean of summer sessions and in mid-1963 becoming dean of the extension division. On the latter date, he was appointed dean of CSLA and took office a year later.

Reorganization of CSLA had been under discussion since 1961 when President O. Meredith Wilson had said that organizational changes would give students greater freedom to take courses in the various segments of the University. The report of six CSLA faculty group discussions, made by Vice President of Academic Administration Malcolm M. Willey and Bryce Crawford, Jr., dean of the Graduate School, set the pattern for reorganization. Three separate institutes for natural sciences, social sciences and humanities would be set up in CSLA and University College would handle students taking courses that crossed institute lines. The natural sciences taught in CSLA were to include astronomy, botany, geology, mathematics and zoology. The chemistry, physics and mathematics departments were then in the Institute of Technology (IT).

Prior to this faculty report, Dr. Wilson was reported to have said that he intended to stop the chipping away at the Arts College which had lost departments in recent years. He had told the faculty that "you should concern yourselves with the image of total academic life created on your campus and the role of your special discipline in the over-all university program."

The chipping away to which he referred was the transfer of sciences to IT at the time when IT budgets made better faculty salaries and facilities possible than in CSLA.

The Liberal Studies College was to be organized in the fall of 1964 and associate deans were scheduled to head divisions of related academic disciplines, such as humanities, behavioral and biological sciences.

During the 1963-64 academic year, the honors program was started with Dr. William A. McDonald, classics professor, as its director. In addition to the department honors the program provided, there were college honors seminars, summa theses, honors opportunities for Lower Division students

and the standard of 60 credit hours of work in the Upper Division for graduation with honors.

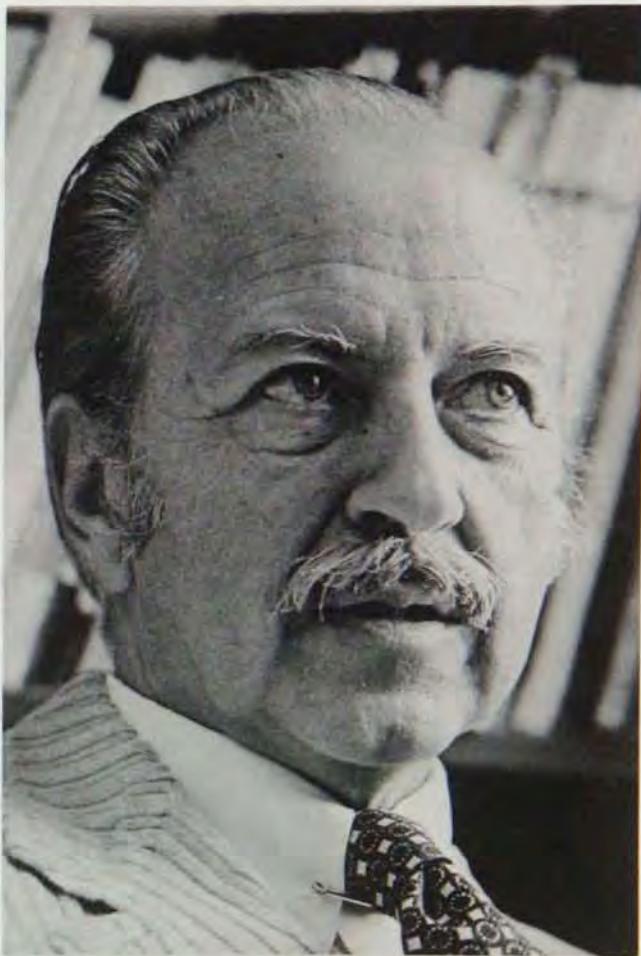
When Dr. Ziebarth became dean, he argued strongly against removal of the word "Science" from the name of the college. Science, he said, was as much a central part of the collegiate program as ever. He felt that the name might be "College of Liberal Arts and Sciences". In certain scientific areas there were more liberal arts majors than there were majors from other collegiate units. However, with the structural changes all mathematics courses went to IT and the college became known as College of Liberal Arts. Structural changes really meant no changes in the educational pattern. The liberal arts philosophy remained the same and a close relationship with all sciences was sustained.

The CLA structure, however, was different from that suggested in Dr. Willey's report: There would be three divisional councils, not institutes. CLA's first constitution was approved by the University's General Assembly on January 25, 1966. It has been amended and revised a number of times since, the most recent revision adopted by the All-College Council in March of 1973 and by the Regents in May of 1973, shortly before Dr. Ziebarth resigned.

One of the constitutional changes is in the length of term of the dean's tenure. Originally it was for 10 years and Dr. Ziebarth served that length of time. The term is now seven years.

Other changes occurred when a degree of Bachelor of Fine Arts was granted in 1966 and Fine Arts became part of the division of humanities. The abolition of the Upper and Lower Divisions which came about because students' were able to make decisions about majors and fields of study earlier in their college work, meant still another amendment.

Speaking of Dr. Ziebarth's deanship, Professor Mitchell Charnley, formerly Dr. Ziebarth's assistant, and administrative consultant to Dean Sorauf, the current CLA dean, indicated that the constitutional changes meant less fragmentation in education. More than 50 departments and schools in CLA offer BA degrees; four offer a BS. A student registered in CLA may still get a BA in science though he may have a major program in another college such as IT.



E. W. ZIEBARTH headed CLA from 1963 until his recent retirement in September 1973. Many of the structural changes which he effected in the college have set the educational standards it follows today.

There have also been changes in CLA's basic language requirements. Time was when a student could graduate without a foreign language. He must now present 23 to 27 credits in a language or related subjects as art, music and history for a degree. Professor Charnley pointed out that rules change often. The catalogs for 1972-74 and 1974-76 make this clear.

By 1968

the enrollment in CLA had climbed to 17,448. Dr. Ziebarth asked for a review of standards and procedures governing admissions and the question of limited freshman enrollment was raised. In May 1969, a new CLA curriculum in American Indian Studies was proposed by a committee named by President Moos and Dean Ziebarth. The proposal

was for "an integrated program of teaching, research and community service in the realm of Indian affairs."

By February, 1973, Dean Ziebarth saw that budget cuts would make some kind of realignment necessary in the college. Consequently, staff responsibilities were reorganized so that a replacement for an associate dean would not be needed.

Since then, the budget has been cut twice more, requiring elimination of 40 positions. The teaching associates and assistants — who made professional tasks easier — had their positions cut. The English department alone lost 16 which meant the termination of the year-old English elective studies program. Studio arts, psychology and the introduction of new courses such as the Women's Studies program, were affected also.

The CLA Student Intermediary Board asked for a moratorium on new

courses. Their request brought a response from Roger Page, CLA associate dean: "I don't agree with it. A halt in innovation is the mark of a dying institution. A declining or steady budget calls for constant evaluation of both new and old programs, but not a moratorium."

Other changes came in the operation of Special Learning Opportunities. Established in 1970, the CLA office served — and still serves — as a center for information and advice regarding independent study. Approximately 1200 students use the service each quarter.

On June 5, 1974, Dean Ziebarth resigned, effective three months later. He expected to have a year's leave of absence and then return to teach in the Graduate School. However, the Regents appointed him interim president.

Echoing Dean McDiarmid at his resignation, Ziebarth said, "The college is moving toward a revised organization structure and therefore it is appropriate that a new dean be appointed at this time."

Today's dean

is Frank Sorauf, professor of political science and a former department chairman. He joined the University faculty in 1961. In 1972-73 he was vice chairman of the University Faculty Senate and a member of the Senate Consultative committee. He spent three years on the University College Governing Council and, for the past two years, has been chairman of the Senate committee on Business and Rules.

Asked about the philosophy of CLA, he said that there would be but one governing teaching in the college and that was as old as liberal arts. He amplified his interpretation in a recent statement: "A liberal arts education doesn't mean one thing to all students and that's one of its beauties. What it depends in part on what one brings to it and what one expects from it . . . it is an introduction to the great accomplishments of mankind . . . the development of a set of scholarly skills, most especially the ability to attack and solve an intellectual problem with incisive, detached analysis . . . It is self-discovery, not only of one's self but more generally of the aspirations and behavior of one's fellow humans . . . It is an avenue to the great moral and ethical issues of human history . . . It is more. It is action and contemplation, both knowledge and an awareness of ignorance, a

skeptical probing of what others take for granted or on authority. It is 'relevant' in the truest meaning of that word, for it relates not just to today's headlines but to all persistent and timeless issues."

Sorauf's reorganization of the CLA administration set up lines of relations from the dean to Nils Hasselmo, associate dean in the executive office; to Roger B. Page, associate dean in college data services; to Carol Pazandak, assistant dean in student personnel; to Peter H. Robinson, director of honors; to Marcia Eaton, director of cross-disciplinary studies.

Dean Hasselmo handles problems in the professional schools and in the accounting and budget offices. Dean Page is the line to the data office and special learning opportunities, while Dr. Pazandak advises the areas of pre-majors, divisional councils, adult specials, bachelor of elective studies, the Martin Luther King program, placement, scholastic committee and class reservations. Miss Eaton handles Latin American, religious, urban and Women's Studies.

From Dean Sorauf, the line goes directly to Dean Virginia Fredericks, humanities and fine arts; to Dean John R. Howe, social sciences, and then in a consultative, but not budgetary relationship, to the cochairmen, Norman Ierr and Walter H. Johnson, natural sciences divisional council.

The 1973 CLA constitution listed student involvements indicative of a strengthening which came about during Dean Ziebarth's tenure. Students, as well as faculty members, sit in on all CLA governing boards and committees, including the All-College Council which makes policy. There are departmental student organizations in each department, and the students, in turn, are represented on the divisional councils. The Student Personnel Council and the Student Intermediary Board are two undergraduate units. The latter is the official channel through which student recommendations are brought to the All-College Council. CLA civil service employees are represented on Council standing committees involving their work.

Dr. Pazandak explained the current CLA grading systems. No grade-point average is computed in the two existing grading systems: SN (satisfactory), pass and no pass; and the traditional letter system. Each CLA instructor determines his or her own standards, while the student indicates the option. The instructor then must use both systems unless he has approval of the divisional council to use only A, B, C grades.

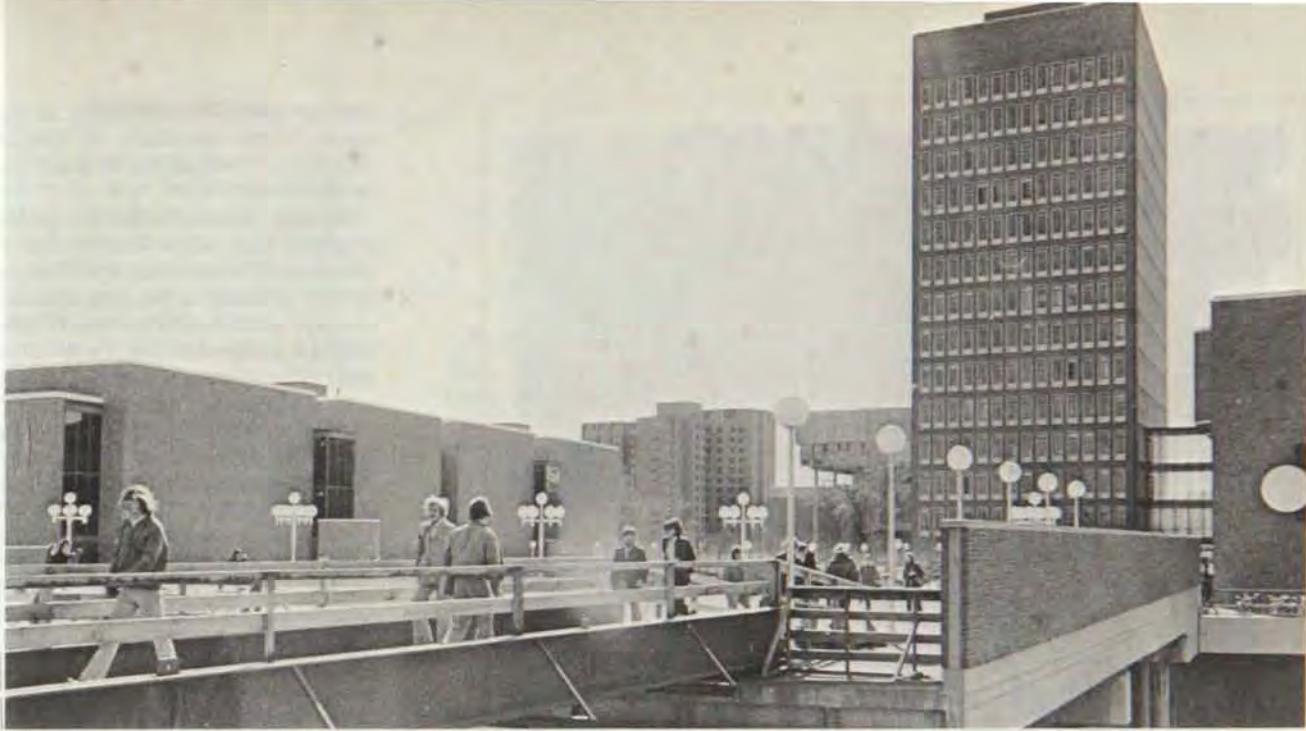
Only 50 percent of a student's courses may be in SN grades. While transcripts are no longer available except for internal use, the student does receive a record of accomplishment.

Dr. Pazandak indicated that CLA student placement interviews are on the upswing. A bulletin board outside the college's Placement Office showed 30 companies coming for interviews in late October and November, 1973. A new placement service in career-planning was instituted in 1974.

Still, about 60 percent of CLA students are headed for graduate or professional schools, according to a 1973 survey.

The 1974-76 CLA Bulletin list of Special Learning Opportunities took The Alumni News to an interview with Don Myrvik and an overview of communiversity. Through CLA's Office of Special Learning Opportunities, a student can individualize his educational experiences through field work. He also can balance classroom work with possible career opportunities. There are internships available through the Urban Corps for work in innumerable community fields: study abroad, as individuals or in classes, under OSLO; special examinations to accelerate standing; and interdepartmental-directed study and departmental directed-study, x and y registrations which mean special work assignments in class and more intensive work outside the lecture hall.

The concept of communiversity is apparent in three of the newest studies in CLA's social science division: Afro-American Studies, American Indian Studies and Chicago Studies. When asked about expansion in these and other new course areas, Dr. Howe, their administrator, feels with outside pressure eased, the ethnic studies will mature, but will not expand. "One must begin to think about expansion only as supportive to black, Indian and Chicano students in informing white students of their identity and their pride."



TODAY THE COLLEGE of Liberal Arts is far-flung, with classrooms on both the East and West Banks of the University. On the West Bank, many of these are in the Social Sciences Tower, which is the tallest building in the photo above. To the left of the tower, is a classroom building, Middlebrook Hall (a residence hall) and a portion of the Rarig Center for the Performing Arts. To the right of the Social Science Tower is a portion of Bleugen Hall, which also is the site of some liberal arts instruction.

Basic changes in the history department in the last five years have been in building courses in Asian and African studies. Another basic CLA change in restructuring undergraduate work in the School of Social Work in the last two years, leads to a BS professionally-oriented degree as an entrance into the profession. In the school, at both undergraduate and graduate levels, there has been careful consideration in the curriculum and staffing to take clear account of the multi-racial clientele. Noting the high liberal arts enrollments in sociology, Dr. Howe believes that limitations should have been placed on students registering in sociology where the undergraduate program has been tightened. CLA's Music department has also experienced an enrollment crunch at a time when space is crucial. Dean Fredricks emphasized enrollment restrictions, too. Work in humanities and fine arts is given in buildings as distant as Folwell on the East Bank and Studio Arts on the West Bank. Her concern is also for the handicapped who must take classes in buildings without elevators and great distances apart.

Recent changes in the humanities involved intensifying language courses so a student may achieve a year's work in two quarters. Professor Wolfgang F. Taraba is giving individualistic instruction in German through use of the computer. Interdisciplinary work and cross-disciplinary courses in South and East Asian Studies involve language

and literature, as well as the history of which Dr. Howe spoke.

Ethnic studies

the most recently organized and the most controversial in recent months, emphasize changes occurring in the liberal arts at Minnesota.

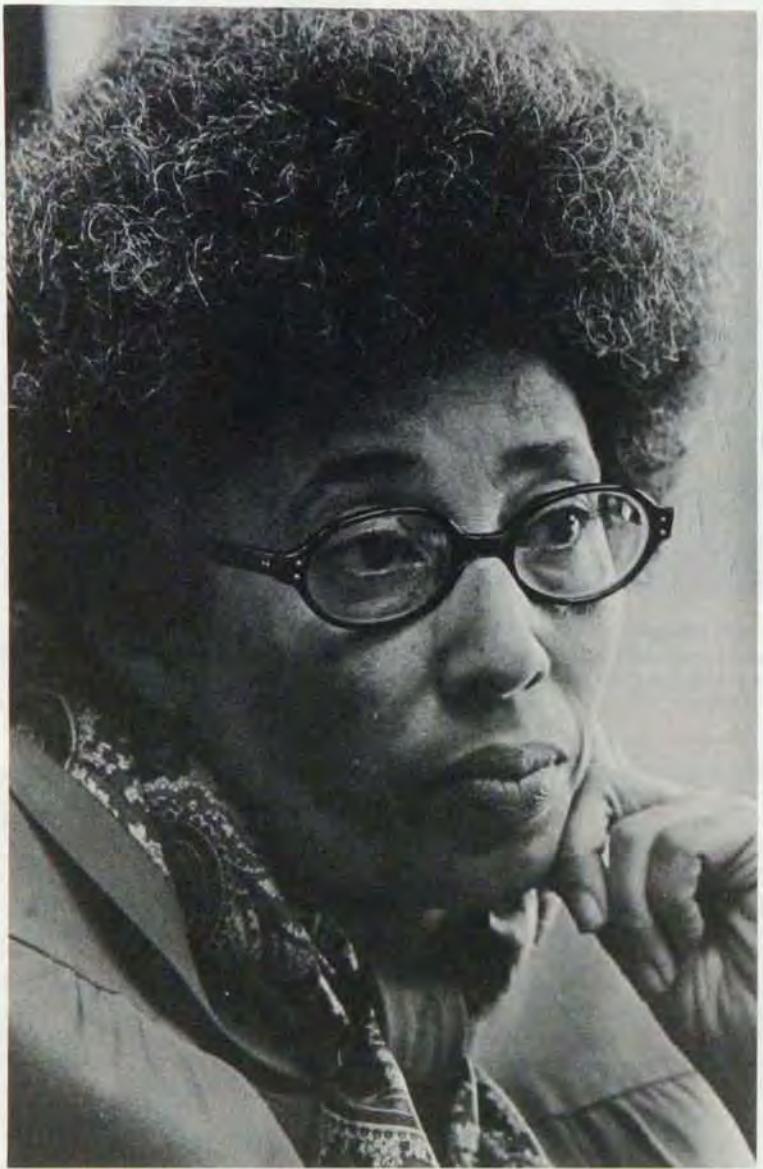
The newest of these programs is American Indian Studies under W. Roger Buffalohead, a Ponca Indian with degrees in history from Oklahoma State and a PhD in the offing from Wisconsin. The studies were to have been organized in the spring of 1970 by Dr. Edward Dozier of Stanford. However, he became ill and Professor Buffalohead was recruited, and came to work with a committee of students, faculty and members of the Indian community. His task was to develop a sound curriculum in American Indian Studies; to make the University a more open and inviting place for Indian students (there were 40 Indian students enrolled in 1970, including two graduates); and to provide technical assistance to the Indian community in urban and reservation settings in program development, research and in meeting their educational needs.

There are now 200 undergraduate Indian students in the program and 25 graduate students. Four PhD's have been given to Indians in the College of Education. Two of these doctoral candidates are Ojibwe and two, Dakota, with three of the men coming from Minnesota.

The Indian Studies program includes two individuals working on community programs: Donald Allerry and Annette Oshie. Courses in Ojibwe and Dakota (Sioux) are taught by Indians, using phonetic tapes since the languages are not written.

Only through knowing Indian language can an understanding of the culture be obtained. There are 40,000 Ojibwe in Canada and the United States who speak the language. In the spring at maple-sugaring time about 20 Indian Studies students went to Red Lake, lived with families there and participated in their activities. This pilot program was so successful that it will be repeated. Buffalohead hopes to keep enrollments in the program small enough so that personal experience is available through the classes. By small, he means 100 in lecture courses like "American Indian History: A Survey."

He is proud of the curriculum material for elementary schools produced by an Indian Studies committee working with the Minnesota Historical Society.



GENEVA SOUTHALL heads CLA's Afro-American Studies program.

Two booklets, film strips, resource material and teachers' guides were developed for secondary schools. Fourteen Indian Studies majors, half of them Indian, worked on the project.

Another new interdisciplinary program, Chicano Studies, is directed by Manuel Guerrero. A graduate of Notre Dame, Guerrero has a law degree from Indiana University, has practiced law in Marion, Indiana, working as a judge there on the circuit bench from 1964-70. He came to Minnesota as a visiting teacher in criminal justice, decided he liked teaching and assumed the directorship of Chicano Studies on invitation.

The work in Chicano Studies was or-

ganized in 1969 by Alfredo Gonzalez, now one of four faculty in the program. There are 100 students enrolled, about 50 percent being Chicano. Non-Chicanos are encouraged to enroll because Guerrero believes that the culture, language requirements, literature and history give satisfaction and understanding.

His long-range aspiration for the program would be "that we would take our place along with other academic courses in terms of scholarly achievement and excellence and that, at the same time, we will be courageous enough to develop academic service to the community. Our constituents are students. As members of a peculiar cul-

ture we have a responsibility to the people in the community of Spanish background. I would like to fulfill that in some way."

He sees Chicano Studies as a means of giving these people historical information and a pride in heritage. There is no way presently to reach older community members. Out of 17,000 Chicano residents in the Twin Cities area, only two are prepared to teach besides those on the University faculty.

Afro-American Studies has received the greatest amount of publicity because it was brought to public attention by the occupation of Morrill Hall in 1969. Later, internal problems brought more attention.

Dr. Geneva Southall became director of Afro-American Studies in July, 1974. Her appointment runs until 1977. On accepting the position, she reminded staff members and the University at large that her work in continued teaching and in the department would be based on Romans 12: 4-6. The reference was natural for the daughter of a Methodist minister.

Dr. Southall brings to her work great diversity and projection from a background in piano concert work, musicology and a devotion to young people and to teaching.

Currently there are 1,800 students registered in the department. About 30 percent are black. Twelve staff members teach such subjects as "Swahili", "Music of Black Americans", "Afro-American History and Culture" and "Black Participation in American Politics". Again the studies are interdisciplinary and cross-disciplinary to provide majors.

Departmental courses now cover the Afro-American and the African, and Southall hopes that work in the study of Caribbean blacks can be added. The program also needs an African ethnomusicologist and must strengthen its humanities offerings in the visual arts. Work in the community is done by a community assistant who is a three-quarters time civil service worker.

The directors of the three ethnic studies have the same aims: to develop scholarly programs for majors and for graduate students. They feel a concerned responsibility for community service in education as it involves cultural history, bringing with it pride. Objectivity is required in approaching all the problems in ethnic studies. Their Student Services Bulletin is an attempt

By Dave Shama

Three years ago Paul Giel came back to campus as athletic director. Fandom declared it the greatest triumph since the late 1930's when the Gophers denied Tom Harmon and Michigan the Little Brown Jug three straight years. Horns blared, trumpets sounded and alumni boasted that Minnesota athletics "would be reborn."

Well, in the last three years Gopher athletics have not been reborn. But then again, they haven't disappeared either. The Paul Giel Fund-raising Campaign, coupled with some aid from Central Administration, have kept the show on the road.

to help Indians and blacks understand one another. They now see each other through white stereotypes. Intergroup relationships will undoubtedly also involve Chicanos.

Changes have

occurred elsewhere in CLA. In the Natural Sciences, the physics department now offers courses for students not necessarily expecting to be physics majors. A one-quarter course in biology has replaced a two-quarter course. There are new courses in ecology, new requirements for the credits in physical and biological sciences. At least three courses of four to five credits must include laboratories and there have been minor changes in mathematics, astronomy and botany survey offerings.

In the March 1961 issue of *Time*, a writer on education said, "The problem at Minnesota is to impose coherence on a curriculum that ranges from sophisticated space research to the tricks of department store floorwalking. The campus is an all-too-loose federation of competing schools that span education from poetry to dentistry, without any agreed hierarchy of academic values." Dr. Wilson proposed as a solution "to create a 'central city' of liberal arts that would control all pure science and humanities as well as the University itself. Geared to disinterested learning, it would stimulate liberal arts throughout the professional schools."

CLA, 1974, attempts this task. To be relevant, programs in humanities and fine arts, social and natural sciences will change from decade to decade — or oftener. — Wilma Smith Leland

gopher tales

For that fandom can be grateful. True, some of the Gopher faithful have been disappointed "old swivel-hips" hasn't put a conference champion in antiquated Memorial Stadium. And no, Minnesota doesn't win all the Big Ten championships in the other sports.

But friends, you must have a program before you can worry about beating Ohio State and Michigan out of everything from football to streaking. And it is to a cause of both survival and excellence that Paul Giel has applied himself.

The Athletic department deficit was \$500,000 when Giel came on the scene. It hasn't increased much since (a Giel triumph, according to his supporters who liken the feat to bringing the national debt to a stand-still).

In three years Giel's fund-raising totals are \$177,000, \$243,000 and by June may be, \$300,000. Last year, for the first time since 1966-67, the Athletic department came within \$20,000 of paying its own way without help from Central Administration.

Banquets, golf outings, wine-tasting gatherings and other fund-raising activities have enriched the Athletic department treasury. They've also made Giel feel like a stranger to his own family.

"Approximately 85 percent of my job is spent in public relations and fund-raising," he said. "In the last three years I've seen a lot of people throughout the state in an effort to keep our program alive."

"It can make for long days, nights and weeks, and I really wouldn't have to do it. But I don't want to tell a coach like Roy Griak that his cross country team can't go to the NCAA district meet. Or tell Dick Siebert there will be no spring baseball trip."

Monies secured through Giel's fund-raising go to the Williams Fund and to help finance the non-revenue sports. The revenue-producing sports of football, basketball and hockey pay for themselves, and help finance the entire program.

Giel, 21 years after making all-American in baseball and football, and nearly winning the Heisman

Trophy, retains tremendous identity with most of the people he addresses. But he has mixed emotions about his fund-raising and salesman's job.

"I've never been the sort of person who just knew he could give a speech, or do something that would really turn people on. I still have doubts. But one of the deepest satisfactions of the job is the success I've had in this area.

"People sometimes ask me if I don't feel a little funny always having to stage and attend one fund-raiser or promotion after another. Well, I don't think there's anything wrong with what we're doing. I can name you all kinds of charitable causes that have similar kinds of activities to raise money."

"I do get tired and frustrated at times. If we have a right to exist, if intercollegiate athletics have a legitimate place on campus, why do we have to go to such lengths? If we're ever going to make it we have got to get some kind of financial base. We can't go on forever like this."

This month the Minnesota Legislature will hear a proposal which calls for financial help for men's and women's athletics. The funding would be a relatively small part of the \$2 million dollar plus budget, but it would lift the Athletic department into the black.

Giel frets about winning in the Legislature, and worries about losing funding he has had in the past.

"I'm always concerned about whether a guy who paid for part of our printing costs on the football tickets, or the guy who helped set up a big fund-raiser some place, or something like that will come through again," he said.

The University did not have a good football season (unless you happen to be an Indiana fan). A certain portion of the populace questioned Cal Stoll's ability to coach. If writing letters to the local paper suggesting coach Stoll resign constitutes disenchantment, then the natives were restless.

Paul Giel



The 4-7 season, including humiliating defeats at Nebraska and Michigan, must have bruised Stoll's feelings. Perhaps worse, it threatens to lighten the Athletic department purse.

"The one thing which has really come as a surprise to me in this job is the way so many people consider the whole program to be wrapped up in football," Giel said. "They say, 'If you don't make it in football, you don't make it.'

"I've found the best public relations we have is a win on Saturday afternoon. Last year we were 7-4. Now our record has slipped back and it's going to be tough fund-raising. We've got to get people to realize Minnesota's program is more than football."

In addition to legislative help, Giel lists two other developments as essential changes for the program.

"We need improved and renovated facilities, and we need more bowl games," he said. "If a new football stadium is built off campus and we don't play in it, we're dead. Minnesota and the rest of the Big Ten needs the increased revenue and the recruiting tool of another bowl game."

These developments would make an otherwise solid program even better, according to Giel. He has confidence in his staff. He says they get along well together, and perhaps with one exception are concerned about the welfare of all sports.

The results of the last three years substantiate that there have been some successes. Big Ten championships include the sports of baseball, hockey and basketball. The hockey team even won the NCAA title. Other teams and individuals have made their mark also.

Personally gratifying to Giel have been the letters he has received from participants and relatives praising the program and the intercollegiate experience.

But it has not all been roses. In addition to the daily fund-raising-public relations grind, there have been difficult incidents.

The basketball brawl with Ohio State was a disgrace, and hit Giel during his first month on the job. There was name calling and legal hassles and other problems and no

one could blame Giel if he wanted (he did) to jump one of those WCCO Radio tours to the Caribbean as grand host.

"I don't think the brawl is something which still haunts Minnesota," he said. "Other schools have had their embarrassing moments, too."

Another thorn has been the *Minnesota Daily*, and the students. The *Daily* feels the program is too commercialized. The *Daily* charges, for example, that individuals who make large contributions to the Athletic department should not be entitled to ticket and parking privileges.

The student paper has also intimated that the Athletic department is guilty of illegal practices with its student-athletes. On one occasion they substantiated the charge by running a story about a basketball player who was given an excessive amount of money for selling his tickets to an alumnus. (Giel says such incidents are common practice throughout the country, and said the Big Ten commissioner hardly knew what to say to him when the two spoke.)

Students have objected to not having more than 50 percent of the tickets for basketball. Giel says the students receive a smaller proportion of tickets now than two years ago so that he can sell more tickets to the public and boost his budget.

These and other problems have apparently initiated occasional rumors Giel will resign and return to the comfort of WCCO radio where his old job as sports director still remains open. Giel denies he will resign, but doesn't appear particularly surprised when asked about such rumors.

He admits that in many ways WCCO still feels like home. Giel frequently appears on the station, and is encouraged by management to do so. There would be less pressure and more comfort there.

"It took me five years to feel comfortable behind the mike," he said. "But my last three years I really felt good. Maybe that's why I left. I knew there was a big challenge here. There still is."

And maybe the pressure really isn't so bad. Even Giel's critics, and they appear to be few in number, have some good things to say. Ask most anyone about Paul Giel, and they'll say "he's doing a good job."

How many returning heroes rate such praise three years after they began the job? It almost calls for a horn, or at least a trumpet.

James Ford Bell Library Paces Campus Celebrations

The University

of Minnesota was ahead of the field in planning events to celebrate the nation's Bicentennial Anniversary. While the National Bicentennial committee searched in vain for a theme and a place to express it, and before state committees were formed, the University's James Ford Bell Library began in the fall of 1971 making plans for a conference on the American Revolution.

Their plans were based on the idea that the revolutionary currents that have flowed across campuses within the past five or six years should be related to the origins of revolutionary ideas in America. The conference brought to the University the foremost experts on the nation's beginnings to share their insights into revolution, then and now.

Naturally enough, the conference's planners — John Parker and Carol Urness of the James Ford Bell Library — believed the best way to share such a conference widely would be in book form. Their idea was supported by the Associates of the James Ford Bell Library which sponsored the event. The result is a new book, *The American Revolution: A Heritage of Change*, to be issued early in 1975.

How do you bring together the best authorities on the American Revolution? You read a lot of books, consult with professors and students, and write a lot of letters. That is what Parker and Urness did during the 1971-72 academic year. Eventually, eleven participants were invited to a three-day event on May 2, 3 and 4, 1973, which some 1,700 people attended in the University's new West Bank Auditorium. Among those present



Dr. Louis B. Wright

were scholars from a number of universities and a representative of the National Bicentennial Commission, Dr. Dexter A. Dickinson.

Dickinson called the University conference the best Bicentennial event he knew of and sent the Associates of the James Ford Bell Library a citation in recognition of the contribution the Library had made.

Parker and Urness have stressed in the conference and in their new book that this study of the American Revolution is for "the people". Consequently, the conference speakers' remarks were understandable to colleagues as well as University undergraduates, high school teachers and laymen. The conference dealt with revolutionary thought, attitudes and actions which

might have implications for the present rather than for military campaigns. In toto, the speakers told the story of a revolution that has not ended — of a beginning of a national way of thinking in which change was an essential ingredient — of a heritage of change.

As this story emerges in book form, it finds an anonymous author who simply styles himself "an American" in 1700 stating that what is needed in his country is "a good constitution of government." His search for such a government is what the eleven essays in the book are all about.

In the opening

essay, "Motivations and Aspirations for Colonial Settlement in North America," Louis B. Wright, former director of the Folger Shakespeare Library and now historical consultant to the National Geographic Society, sets the background for eventual revolution. He discusses England's national reasons for planting colonies in North America and the personal reasons that brought individual settlers to new shores. National policy versus personal ambition has been with us from our beginnings, and Dr. Wright concludes that when the individual freedom largely attained in America was threatened once more by colonial policy from abroad, Americans "would not willingly surrender any jot of their freedom to an authority across the sea."

If freedom had been nourished in the farms and forests of the New World, it was not without some fertilization from the Old. Books for law and history that were common fare for English and American readers in the 18th century are a major concern for Caroline Robbins who asks, "What makes a Revolutionary?" A foremost authority on Anglo-American radicalism of the pre-Revolution period, Professor Robbins, formerly of Bryn Mawr College, is now associated with the Pennsylvania Historical Society as editor of the William Penn Papers. The answer to her question, she admits, is not easy, for she finds radical roots in English as much as in American thinking. Conservatives and radicals graduated together from colonial colleges — students of the same professors. She cites John Adams' comment to Jefferson that the Revolution began with the first American colony, with Whig influence rooted in the writings of John Locke, Algernon Sidney and others, growing with new democratic sentiments that were nourished by local instincts for freedom on the frontier.

But, of course, not everyone's Whig instincts were equally intense, and with central authority 3,000 miles away, how did our contentious ancestors achieve sufficient stability to eventually constitute themselves a nation? Professor Jack Greene of The Johns Hopkins University explores the growth of stability in our political institutions before a nation's birth, a stability that profited from its association with a stable government abroad, local cohesion through local responsibility within colonies, and colonial governments that were not unduly disturbed by an excess of democracy. The close association between property and government, in short, was the stabilizing force.

Private property and public policy is at the heart of Michael Kammen's essay, "The Problem of Public and Private Sectors in Colonial America." Author of a Pulitzer Prize winning book, *People of Paradox*, Professor

Kammen of Cornell University begins with the way which sidewalks got built in Colonial New York, and reaches out to current attitudes toward the relationship between government and business. He finds us still struggling with James Madison's dilemma, "To secure the public good, and private rights . . . and at the same time preserve the spirit and form of popular government . . ."



Elisha B. Douglass

The private interests that Professor Kammen found in public policy did not bring every colonial "vested" interest to the support of the Revolution. Elisha P. Douglass, an ex news commentator, now Professor of History at the University of North Carolina and author of *Rebels and Democrats*, illustrates three "layers" of revolution in his paper, "A three-fold American Revolution." He examines the frontier where fur traders needed to keep the Indians undisturbed, as British policy had decreed, which made them largely Loyalist. Turning to provincial governments, Douglass notes that seaboard interests were heavily reflected in the colonial capitals where rebels dominated.

Between the seaboard rebels and the frontier Loyalists were the back

country farmers and villagers who saw their revolution as one which would secure a decent hearing for them in the provincial assemblies where they were grossly under-represented. The British oppressor was less troublesome to them than their local authorities. Anti-statehouse populism in the back country had nothing to do with democratic theory or independence, but it produced a lot of local violence that is often overlooked by histories of the Revolution.

Violence is the subject of John Howe's essay — people taking the law into their own hands. That is, after all, the nature of a rebellion, and in colonial America rebellion was foreshadowed by hangings in effigy, burning of customs houses, destruction of tea, et cetera. Professor Howe, a member of the University's History department and associate dean of Social Sciences, is mindful of violence in our time, some of it directed against government policy. He compares our sophisticated study of violence *per se* to the accepted levels of violence in colonial times which were a reflection of the government's inability to cope with popular unhappiness, be it the need for containment of smallpox or the banning of prostitution. The increasing complexity of colonial life meant more and different problems. Inappropriate solutions offered by government brought street demonstrations, and when those solutions were imposed from Britain and had clear economic implications, aggressive response was the norm. Violence was indeed as American as apple pie.

When the violence became a rebellion it meant raising an army. John Shy, a military historian from the University of Michigan tells how it was done and what motivated enlistment, in his essay, "Mobilizing Armed Force in the American Revolution." He presents an interesting case study — the military career of "Long Bill"

Scott of Peterborough, New Hampshire. Enlisting as a lieutenant more for rank than conviction, wounded at Bunker Hill, in and out of British prisons, recruiting soldiers, nursing bad health, losing his wife and his farm while paying but fleeting attention to his children, Bill Scott slogged through the war. As told by Professor Shy this story is more than a personal narrative, it tells us the ways in which American troops were recruited and held to their enlistments during bad times and good, the kinds of men who took the brunt of the war — the hard core privates — generally poor and obscure people. What emerges is a picture of America's first military caste, a militia that held people to the Revolution, sometimes against their will.

But, of course, there were those who could not be held to it. "Loyalists and Non-Participants" is the subject of Wallace Brown's paper. Author of two books on the Loyalists, Professor Brown is an Englishman now teaching at the University of New Brunswick, a province that owes something of its beginnings to Americans who, through they carried some radical ideas as they fled into Canada, wanted no part of rebellion against their king. Seeing Loyalism as the normal mode of behavior and rebellion as an aberration, Brown's view is refreshingly different from the standard American approach. His Loyalists preferred constitutional reform to treason and anarchy. "Better one tyrant 3,000 miles away than 3,000 tyrants one mile away," as one of them phrased it. The exiles, the hostilities that rained down on people who wanted to remain neutral, the position of the Blacks who had more to hope for from King and Parliament than from their colonial masters — all of these fit into Professor Brown's story. He looks at American history from a Loyalist Canadian viewpoint and presents us with some contrasting insights, such as "creeping republicanism in Canada is the equivalent of creeping socialism in the United States."

If some Loyalists took new (and often unwelcome) ideas into Canada it was because change was

in the air in America. "Change," says Pauline Maier at the beginning of her paper, "is the essence of revolution." Raised in St. Paul, Professor Maier is now teaching at the University of Massachusetts, Boston. Her recent book, *From Resistance to Revolution*, was frequently cited by conference participants. She sees American independence as a force that fundamentally redirected American life, setting in mo-

repuated, giving hope and justification to slaves, unpropertied workers, under represented farmers, and women — hopes that continue to fuel reform movements in our own time.

John Roche takes a very pragmatic look at American independence in "The Strange Case of the Revolutionary Establishment." A syndicated columnist, onetime adviser to President Lyndon Johnson and a professor at Fletcher School of Law and Diplomacy, Tufts University, Roche states that when the king's writ ceased to run in America nobody really noticed it. A "do-it-yourself" people from the beginning, Americans had really been governing themselves all along. The local government merely continued on, maintaining in power an "Establishment" that "was in place, assuming without argument the legitimacy of its authority," and using that authority to drive out Loyalists (who thus became rebels) and to intimidate others who questioned the methods or authority of local government.

This fact of power Roche sees as the reality of the Revolution. The arguments of political theory, rights of taxation and so forth were, by comparison, trivial, and all were dependent on the outcome of the war. And while that war dragged on and the "Establishment" hammered out new state governments, the "average" American went about his daily work "with the unarticulated assumption that there was no great crisis."

The conference concluded with an analysis of "what kind of a revolution" the American Revolution really was by Staughton Lynd, author of *Intellectual Origins of American Radicalism* and a collection of essays titled *Class Conflict, Slavery, and the U. S. Constitution*. To Lynd, whose essay is titled "The American Revolution as Precedent," the Revolution came because the livelihood of the artisan class was threatened by regulations placed upon the colonial economy by England. Citing current examples of developing nations struggling for economic sovereignty as a



Michael Kamman

tion an expectation of change that continues to this day. Governments, state and national, had to be cleansed of monarchical tendencies and republicanism had to be established — an innovation of vast consequences which invited the overthrow of other long-established institutions.

An "American" language, popular government, new forms of education, religious freedom, even freedom for Blacks and women came under discussion. Abigail Adams wrote to husband John who was involved in forming a new government: "Remember the Ladies . . . do not put such unlimited power into the hands of the Husbands." Attitudes thus established in the nation's finest hour could not easily be

justification for seeking like attitudes in colonial America, Lynd sees the constitutional argument about taxation and regulation in each pre-Revolution crisis emerging from economic distress. This distress gave rise to an "economic nationalism" which had deep roots in both merchant and artisan classes. Of the two, he finds the artisans most steadily threatened by British policy that would flood the American market with British-made goods. Similarly, among the planters in the South, the driving force for independence was the will "to recover control over the destiny of their economy" by breaking out of the British monopoly on their tobacco.

The precedent for our times? Lynd sees the discontents of our own time reflecting the desires of people to control their destinies, both in this country and abroad. In America, current discontent with government will be sharpened if labor, heirs to the artisans of the Revolution, sees its livelihood threatened by loss of employment through the use of foreign-made goods, or the loss of income through inflation. It will not be radical theory that generates a new revolutionary mentality in America, Lynd writes, but a threat to jobs. "If property owning, pragmatic common people made a revolution then, they can make one — should it be needed — now."

What can such a book as this contribute to the Bicentennial season? The most important thing to do with the American Revolution, the editors believe, is to think about it, not as a remote event to be celebrated on July 4, 1976 or April 18, 1975, but to be appreciated for what it is, an episode in our nation's history with deep roots and continuing consequences.

The James Ford Bell Library's The American Revolution: A Heritage of Change, will be issued sometime in March 1975. However, those interested in purchasing the book are invited to order early.

The book is available at \$10.00 per copy (includes all taxes and

mailing costs), from the James Ford Bell Library, University of Minnesota, 472 Wilson Library, Minneapolis, Minnesota 55455. All orders should be prepaid, with checks made out to the Associates of James Ford Bell Library.

A special University of Minnesota Bicentennial committee has been formed to coordinate the various celebrations that will take place in the University community. Any individuals wishing to contribute to this committee should contact Nancy Pirsig, chairman of the executive committee and assistant director of University Relations at S-68 Morrill Hall on the University's Minneapolis campus. Her telephone number is 373-7501.

Watch for more information in The Alumni News on the Bicentennial events planned by the Uni-

versity Gallery, which has an excellent program in the offing, and news of the Bicentennial opera being written by Dominick Argento, University professor of music and a foremost national composer, that will be performed by The Center Opera Company during 1975.

University College

69 Captain William L. Zins '69BS, Redwood Falls, Minn., assigned at U-Tapao Royal Thai Air Force Base as an air traffic control officer with the 1985 Communications Squadron, is a member of the group that has been selected as the best communications-electronics unit in the USAF for the second time in three years.

44 Eleanor Johnstone Calrow '44BA has opened her own real estate office, Quality Real Estate, Inc., in Stamford, Conn. She is also an instructor in real estate at the University of Connecticut, Stamford, and is anxious to meet Minnesota alums coming into the Stamford area.

For ALUMNI CLUB MEMBERS Only . . .

Dear Club Members:



Recently, we have had a number of telephone calls from members asking about — Club Rules — and, naturally, we are glad to answer their questions, and several of the questions had to do with what the rules say about proper attire.

The actual stated rule is: "Members shall be properly attired at all times on Club premises. Bermuda or other type shorts are considered inappropriate attire in the Club." However, the rule has been amended so that jeans are also considered inappropriate attire in the Club for either male or female. For men, a coat and tie is considered appropriate.

All new members receive with their membership card a folder on Club use and house rules. It tells about the facilities of the Club and their use. House rules cover hours, charges, guest cards, gratuities and sales tax, private dining rooms, spouse cards, pets and other things you should know.

The Club has been most favorably received. The food and service is the best you can experience anywhere, and the decor and beautiful view is unexcelled.

We suggest reservations for both lunch and dinner. Please call 376-3667 for reservations. For special occasions, special parties and special menus, talk to Irene Kreidberg, General Manager of the Alumni Club.

If you haven't dined at the Club lately, why don't you call for a reservation today — it's a delightful experience. — E. H.

Around & About

Education

58 Rosanne Blass '58BS is serving as an assistant professor of education on the staff of Allegheny College, Meadville, Penn. Most recently she has been a graduate assistant in the University of Tennessee Reading Center, a reading examiner with the State of Tennessee Department of Education and a reading clinician in private practice in Knoxville, Tenn.

55 Gerald E. Gau '65BS has been promoted from an assistant to an associate professor of education at Elizabethtown College, Elizabethtown, Pa. He joined the college's faculty in 1972.

51 Marine First Lieutenant Russel C. Colten '71BS is currently serving with the Marine Light Helicopter Squadron 268 at the Marine Corps Air Station, Jacksonville, N.C. He joined the Corps in 1971.

74 Steven D. Forsberg '74BS has been commissioned an ensign after completing Aviation Officer Candidate School in Pensacola, Fla., and has begun basic flight training. He will become a Naval aviator after completing more than a year of intensive training.

Dentistry

74 USAF Captain Robert M. Maland '74DDS is currently serving at Andersen AFB, Guam, with the 3rd Combat Support Squadron. He received his A degree from Gustavus Adolphus College, St. Peter, Minn.

Forestry

8 Donald W. Aurand '68BS has received a master's degree in forest resources from The Pennsylvania State University, University Park, Penn.

College of Liberal Arts

2 Edward Mayo '32BA '36MA, a professor of English at Drake University for 27 years, recently retired from the faculty of that Des Moines, Iowa institution.

3 Harriet T. Holden (Mrs. Harold L.) '33BA has been re-elected president of the Women's Christian Association (WCA) for a second one-year term. The 108-year-old WCA is a privately endowed, non-profit organization with a volunteer membership of over 300, and owns and operates several low-cost residences in the Minneapolis area. Mrs. Holden, who is a recipient of the Alumni Service Award, has served the MAA in various capacities, most recently as an alumni representative on the university's Assembly committee on Student Affairs.

8 Theodore Peterson '41BA, who has served as professor and dean of the College of Communications at the University of Illinois since 1957, has been included as an authoritative contributor to the book *You and Communication in the Church: Skills and Techniques*. He has also taught journalism at Kansas State College and the University of Illinois.

49 James W. Davis '49PhD, Bellingham, Wash., formerly chairman of the political science department at Central Michigan University, is currently serving as dean of The College of Arts & Sciences at Western Washington State College, Bellingham. He has taught in North Dakota and Minnesota public schools, and at Washington State University and St. Cloud State College (Minn.).

51 Lowell Alfson '51BA, Minneapolis, has been promoted to the new position of engineering manager-project and specialty with International Multifoods. Formerly Multifoods' chief design engineer, he has been with the company since 1954.

Charles H. Samuelson '51BA, Memphis, Tenn., is treasurer of Southwide Development Company, Inc. He previously served in the Navy for 21 years before retiring in 1973 as a commander in the supply corps.

52 Marilyn C. Hammond '52BA is currently serving as director of career counseling and placement at the Amos Tuck School of Business Administration at Dartmouth College, Hanover, N.H. Before joining Tuck School as assistant director of placement in 1973, she was director of personnel at Teradyne, Inc., Boston, Mass., for seven years.

53 Nanette McNiff Roberts '53BA, Scarsdale, N.Y., has been selected by the Woodrow Wilson National Fellowship Foundation to receive a Dissertation Fellowship in Women's Studies for the 1974-75 academic year. She is a member of Phi Beta Kappa, Language and Literary honoraries, was a Fulbright Scholar in France and has received graduate fellowships from New York University.

55 Donald M. Hufford '55BA is advertising director of *Car and Driver* magazine, with offices in New York. Previously he was an account executive with Campbell-Mithun Advertising Agency in Minneapolis.

56 Harry L. White '56BA, former divisional marketing vice president for Western Airlines' central-Hawaii division, is currently regional vice president for the airline's activities in Los Angeles. He joined Western in 1946 as a passenger agent.

57 Gene Hopster '57BA is one of the principals of the Hexadome Company, El Cajon, Calif., marketing a prefabricated house, a Hexadome, of modified geodetic design.

Clarke Wilhelm '57BA, a member of Denison University's (Granville, Ohio) history faculty since 1962, is now a full professor there. A university

Iowa woman named first Woman of the Year by local YWCA chapter

Norma McCauley (Mrs. Earl D.) '28BA, Lawton, Iowa, was named the first YWCA "Woman of the Year" earlier this year in Sioux City. She received this award because of her continuing interest in the YWCA and her efforts to improve the Sioux City group.

She served as the local YWCA board president in 1968 and was instrumental in establishing the inner city swimming program. She also spearheaded the organization of an annual style show that has been a successful fund-raiser.

An active community leader, Mrs. McCauley has served as president of her local chapter of the American Association of University Women and the Florence Crittenton Home and Planned Parenthood boards. A few years ago Planned Parenthood honored her with the national Margaret Sanger award that is given locally to an outstanding worker.

She has also been active as a board member of the MidSioux Order of Eastern Star, and as a member of the First Congregational Church, serving as chairman of the education committee, president of the women's fellowship and a member of the board of trustees.

The mother of two children and a grandmother of four, Mrs. McCauley's son E. Hunt '66DVM '73MS is an assistant professor of veterinary clinical science at the University of Minnesota.

Earlier this year he worked in Africa as a consultant for the World Bank while on a temporary leave from the University.



senator, he is chairman of the senate's academic affairs council and chaired the senate during the first year of its existence.

58 Daniel F. Martensen '58BA, professor of historical theology at Hamma School of Theology, Springfield, Ohio, will serve as secretary for Inter-confessional Research of the Lutheran World Federation in Geneva, Switzerland, for three years beginning January 1975. He is a leading Lutheran figure on ecumenical dialogue.

59 Daniel P. Ott '59BS, Madison, Wis., is a data communications manager on the management information systems staff of Oscar Mayer & Company, Madison. He joined the company in 1967 as a systems analyst/programmer.

Institute of Technology

52 Charles F. Tiffany '52BCivE '52BS (Math), Centerville, Ohio, an engineering advisor in the Aeronautical Systems division's (ASD) Directorate of Airframe Engineering, Wright-Patterson AFB, Ohio, is the top winner in ASD's annual engineering awards competition. He was honored for his contributions toward "assuring success of structural integrity programs involving numerous Air Force system development programs." He also recently won a first prize of \$5,000 in the Von Karman Memorial Contest sponsored by the TRE Corporation, Calif., for his work in developing the application of fracture mechanics to military aircraft and other aerospace hardware. He joined ASK in 1971 from the Boeing Aerospace Corporation in Seattle, Wash., where he was head of structures and materials research and development.

54 Warren N. Warhol '54BMinE, the chief engineer of Molycorp's Mountain Pass, Calif. operations for the past eight years, has become assistant general manager of that operation's rare earths mining and chemical processing facilities. Before joining Molycorp he worked for Hanna Mining.

55 Two University of Minnesota graduates were among 70 inventors recently honored for patents they received during 1972 as staff members of the Columbus Laboratories of Battelle Memorial Institute: Horatio H. Krause '55PhD, Columbus, Ohio, for a patent for synthesizing phosphorus trioxide using a radio frequency electrodeless plasma; and Sherwood G. Talbert '57BME '59MS, Columbus, for a process in which materials are fed into the top of a furnace and melted by a gas jet at the bottom.

USAF Lt. Colonel Wayne V. Rosholt '55BAeroE has received a Bronze Star Medal for meritorious service as commander of the 8th Avionics Maintenance Squadron during military operations while assigned to Ubon Royal Thai AFB, Thailand. He now serves at Hickam AFB, Hawaii, as director of avionics management with Headquarters, Pacific Air Forces.

56 John D. Kremer '56BME has been appointed a project manager in facilities engineering at Corning Glass Works, Corning, N.Y. Since joining the company in 1967 he has been senior project engineer-utilties in the Facilities division.

57 USAF Lt. Colonel James R. Milner '57BAeroE is currently assigned for duty as a flight research engineer at Tyndall AFB, Fla. He previously served with the Directorate of Development and Acquisition at the Pentagon.

Past President John Carroll Dies On December 7, 1974

John E. Carroll '33BChemE, 1972-73 national president of the Minnesota Alumni Association, and chief executive officer and chairman of the board of American Hoist & Derrick Company, St. Paul, died December 7, 1974, in his home from a heart attack. He was 62.

Carroll had served on the board of directors of the Minnesota Alumni Association for a number of years, and as the Association's first and second vice presidents, before assuming the presidency. He was the driving force behind the opening of the new University of Minnesota Alumni Club in the IDS Center in downtown Minneapolis, and was instrumental in opening new lines of communication between the Alumni Association and the University administration.

Carroll worked hard for greater alumni participation in University affairs, and championed the Association's role as a strong arm of communication to the University and the state.

Long an advocate of and worker for higher education, Carroll carried the message during his administration that the University of Minnesota was the most important institution in the state and should be treated this way by its alumni and the communities it serves—not revered, but supported, questioned and utilized properly.

Carroll was also a friend of vocational-technical education, and helped to dedicate more than one vo-tech school, after leading citizen's committees and supporting bond issues for such institutions. He wanted Minnesota to have the best vo-tech system in the nation, and worked toward that end.

He was a member of the influential Higher Education Coordinating Commission (HECC) during its formative years and headed the organization when it was known as the Minnesota Liaison & Facilities Commission for Higher Education.

John Carroll was an ambitious, self-made man who had grown up on Minnesota's Iron Range, dreaming dreams of a greater world during the depths of a national depression. He sought a career in the sales engineering of capital goods which lead him to join American Hoist & Derrick Company in 1937 as a chemical engineer. Seventeen years later he became that company's



chief executive officer and president, and continued to head the leading manufacturer of heavy lifting equipment and machinery for scrap metal processing until his death.

His executive leadership went beyond building impressive sales advances for American Hoist. He was an advocate of world trade and a veteran member of the executive board of the U.S. Commerce department's National Export Expansion Council. He also spoke on behalf of the U.S. Chamber of Commerce, promoting United States export efforts, and was active with the Mississippi Valley World Trade Council and the Regional Expansion Export Council.

For his career and civic achievements, for his stewardship of education, the University of Minnesota awarded him its highest honor, the Outstanding Achievement Award, in 1969. And St. Mary's College in Winona, Minnesota, had presented him with an honorary doctor of laws degree.

Minnesota alumni everywhere will miss John Carroll's robust leadership and enthusiasm.

ALUMNI SURVEY

In this issue of The Alumni News we are seeking to build a profile of our alumni audience. The information that you provide by filling out the questionnaire below and on the next page will help us to define our readership and, consequently, refine our editorial content to complement your current interests; to provide an updated profile of the average alumnus of the University of Minnesota for alumni office work; and to define our audience for potential advertisers and other interested people.

This survey is anonymous, so you need not identify

yourself. Additional comments on an attached sheet are welcomed.

Fill out one questionnaire per alumnus in your family, even though there may be more than one. Mail the completed form to SURVEY, University of Minnesota Alumni Association, 2610 University Avenue, St. Paul, Minnesota 55114.

PLEASE ANSWER ALL THE QUESTIONS!

The survey results will be published within the 1975 publication year.

BIOGRAPHICAL

1. Age _____ Male Female
2. Single Married Separated Divorced Widowed
3. Children — How many? _____ Ages _____
4. Did you graduate from the University? Yes No Year(s) and college(s) _____
5. Have any of your children attended or are presently attending the University of Minnesota? Yes No
Number _____

OCCUPATION AND INCOME

6. Present position/title (be specific) _____
7. Field in which you are employed (check one only):

Government	Education	Other Sciences
<input type="checkbox"/> Federal	<input type="checkbox"/> Administration	<input type="checkbox"/> Physical
<input type="checkbox"/> State	<input type="checkbox"/> Professorial	<input type="checkbox"/> Chemical
<input type="checkbox"/> Local	<input type="checkbox"/> Secondary teaching	<input type="checkbox"/> Biological
<input type="checkbox"/> Judicial	<input type="checkbox"/> Elementary teaching	<input type="checkbox"/> Environmental
<input type="checkbox"/> Armed Services		<input type="checkbox"/> Other _____
Business & Industry	Medical Sciences	
<input type="checkbox"/> Administrative Executive	<input type="checkbox"/> Administration	<input type="checkbox"/> Journalism & Communication
<input type="checkbox"/> Operating Executive	<input type="checkbox"/> Research	<input type="checkbox"/> Communication
<input type="checkbox"/> Non-management	<input type="checkbox"/> Practical	<input type="checkbox"/> Transportation
<input type="checkbox"/> Craftsman		<input type="checkbox"/> Agriculture
<input type="checkbox"/> Clerical		<input type="checkbox"/> Social Service
<input type="checkbox"/> Other (be specific as possible) _____		
8. Are you employed in the field for which you studied at the University Yes No Have you continued your education?
Yes No Why? _____
9. How helpful has your Minnesota education been to your career?
 Very helpful Somewhat helpful Has made little difference No opinion
10. How many years have you been with your present employer? Less than 1 1-2 3-5 6-10 11-15
16-20 21-25 More
11. Is your position a supervisory one? Yes No How many people do you supervise? _____
12. What is your approximate gross annual income?
Under \$5,000 \$5,000-7,000 \$7,500-10,000 \$10,000-15,000 \$15,000-20,000 \$20,000-25,000
Under \$5,000 \$5,000-7,000 \$7,500-10,000 \$10,000-15,000 \$15,000-20,000 \$20,000-25,000
\$25,000-30,000 \$30,000-40,000 \$40,000-50,000 \$50,000-75,000 \$75,000-100,000 Over \$100,000
13. Do you own your own home? Yes No If "yes", check the approximate value:
Under \$10,000 \$10,000-15,000 \$15,000-20,000 \$20,000-25,000 \$25,000-30,000 \$30,000-40,000
\$40,000-50,000 \$50,000-60,000 \$60,000-75,000 \$75,000-100,000 Over \$100,000

If you do not own your home, do you rent or lease ?

14. How many cars are there in your family? None 1 2 3 More
15. Year and make of cars _____
16. Do you own securities? Yes No If "yes," in which of these do you invest?
Stocks Current value of holdings \$ _____
Bonds Current value of holdings \$ _____
Real Estate Current value of holdings \$ _____
Mutual Funds Current value of holdings \$ _____
Others (specify) _____ Current value of holdings \$ _____
17. Do you have a checking account? Yes No Do you have a savings account? Yes No Do you have a trust account? Yes No
18. Amount of life insurance you own:
None Up to \$1,999 \$2,000-4,999 \$5,000-\$9,999 \$10,000-19,999 \$20,000-29,999
\$30,000-49,999 \$50,000-99,999 More
19. Do you carry hospitalization insurance? Yes No Group Non-Group

20. Do you contribute to any University of Minnesota Funds? _____
 Which ones?
21. Where do you presently live?
 Farm Small town (up to 2,500) Small city (up to 25,000) Medium city (up to 100,000) Big city (up to 500,000)
 Metropolis State _____ (or) Foreign country _____
22. How many years have you lived there?
 Less than 1 1-2 3-5 6-10 11-15 16-20 21-25 More

VACATION AND TRAVEL

23. How many times a year do you travel for business? _____
 How many times a year do you travel for pleasure? _____
24. How do you travel for business? Car Plane Rail Bus
 How do you travel for pleasure? Car Plane Rail Bus
25. How long is your vacation? _____ (weeks)
26. Did you take it all at one time? Yes No If answer is "no," how many vacations did you take?
 Two Three Four More _____ (no.)
27. Is your travel domestic or foreign?
28. Would you be interested in the Minnesota Alumni Association's yearly group tours? Yes No

PUBLIC SERVICE AND COMMUNITY ACTIVITIES

29. Since leaving the University, have you held any governmental elective or appointive offices? Yes No
 If yes, in which areas? City County State National
30. Do you hold public office now? Yes No
31. Do you consider yourself —
 Republican Democrat Independent Other party Nothing
32. In the 1972 presidential election which candidate did you favor?
 Republican Democrat Another candidate
33. Did you vote in that election? Yes No
34. No one knows for sure who the candidates will be or what the issues will be, but, as you feel now, how will you most likely vote in the 1976 national elections? Republican Democrat Other party Depends
35. Do you vote a straight party ticket? Yes No
36. Are you an active party worker? Yes No
37. As compared with your college days, would you say that your political, social and economic thinking is now:
 More conservative About the same More liberal
38. What is your religious affiliation?
 Protestant Catholic Jew Other None
 If Protestant, what denomination? _____
39. Have you changed your religious affiliation since leaving the University? Yes No
40. Do you attend athletic events? Yes No
 Which ones? Professional Collegiate High School Others

THE MINNESOTA ALUMNI ASSOCIATION & THE UNIVERSITY

41. Why did you join the alumni Association? _____
 Why will you remain a member? _____
42. Have you attended any campus events since your graduation? Yes No
 Which ones? Football games Basketball games Other athletic events Plays and cultural presentations
 Concerts Lectures Other _____
43. Since graduation have you attended a class reunion or other alumni events at the University? Yes No
 Would you like to? Yes No
44. Do you have close contacts with other University alumni? Yes No
45. What best describes your relationship to Minnesota?
 Feel very close Feel somewhat close Feel indifferent Feel somewhat distant Feel very distant
46. How do you personally feel about an alumnus' obligation to the University?
 Should have strong interest and support Have general obligation to be interested Have very little obligation Have no obligation
47. Would you encourage your children to attend the University of Minnesota? Yes No
48. What is your major source of information about the University?
 Commercial press The Alumni News Other University publications Word of mouth Other _____
49. Lately there has been talk about an overemphasis of college athletics. How do you feel about the emphasis at Minnesota?
 Athletics are overemphasized The emphasis is just right Athletics are underemphasized No opinion
50. Do you feel Minnesota's current programs for minority group students are right for the University, or do you feel that the University should do more or less?
 Current emphasis is about right Current emphasis not enough Current emphasis is too great No opinion
51. How do you feel the University of Minnesota should be governed?
 By an appointed board, as at present By a board of regents publicly elected By a board of faculty and student representatives Other _____
52. If you had just one suggestion to make to the University administration on how to run the institution, what would it be? _____

Thank you!



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Weight _____
Chest _____
Waist _____
Store Size _____

Women

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Weight _____
Bust _____
Waist _____ Hips _____
Store Size _____

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Store Size _____ Unit Price _____

Total Order _____

Name _____

Address _____

City _____ State _____ Zip _____

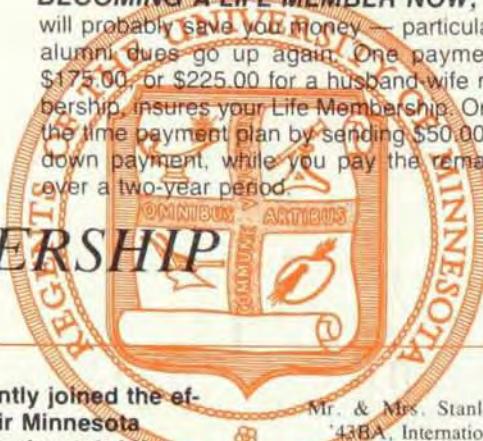
Membership # _____

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Date of graduation or years attended: Date _____ Degree _____



1975 FEBRUARY

alumni news UNIVERSITY OF MINNESOTA

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...

University Student Aid programs face an uncertain future over coming years

The student financial aid programs currently administered by and through the University of Minnesota are not adequately fill student applicants financial needs, according to Sam Lewis, director of the Office of Student Financial Aids.

"In our analyses of the student use of the various programs, we add the amount we expect students to earn by working during the summer and academic year because we don't have enough money to fully cover each student request," he told The Alumni News.

"In effect we're telling students that because we don't have enough money they will have to contribute to their financial needs by working whether they really want to or not," he said.

Because many of the students on the Twin Cities campus who apply for financial aid do work and there are a number of campus jobs available for them, the Office of Financial Aid is able to spread out its funds to larger number of students.

The office currently serves approximately 9,000 students with direct aid, and has had to turn away 3,000 to 4,000 others because they were not eligible, didn't complete applications properly, chose not to attend the University, or for other reasons.

A variety of factors, now in a state of flux, will determine the future of student financial aids at the University and throughout the nation.

The American College Testing (ACT) program which has a contract with the federal government to review and pass on applications to federal student assistance programs is changing its review criteria so that parents may not have to contribute as much as they had to in the past to a son's or daughter's education.

"Many of major University programs are federal programs," Lewis said. "Sixty percent of all funds for student aid available to the University come from the federal government in the form of the National Direct Student Loan program, the College Work-Study program or Supplemental Educational Opportunity Grants."

Each year the federal government has been providing a multi-million dollar student aid program for the entire University. And the federal government provides almost all of the money for these three major programs, except in the case of the National Direct Student Loan program where the University must add one-ninth of what the government contributes, as well as its collections from prior borrowers using the program.

"The changes in the ACT system will result in larger student needs for financial aid, and when added to the known and estimated increasing costs of education, will mean a large increase in student need over the next few years," Lewis said.

The picture for the next few years is not good. "We feel we will fall \$3-4 million short in 1975-76, and \$5-6 million in

bined program of loan, grant and scholarship aid.

"At least three-fourths of all our students on aid have more than one kind of program in their package," Lewis said.

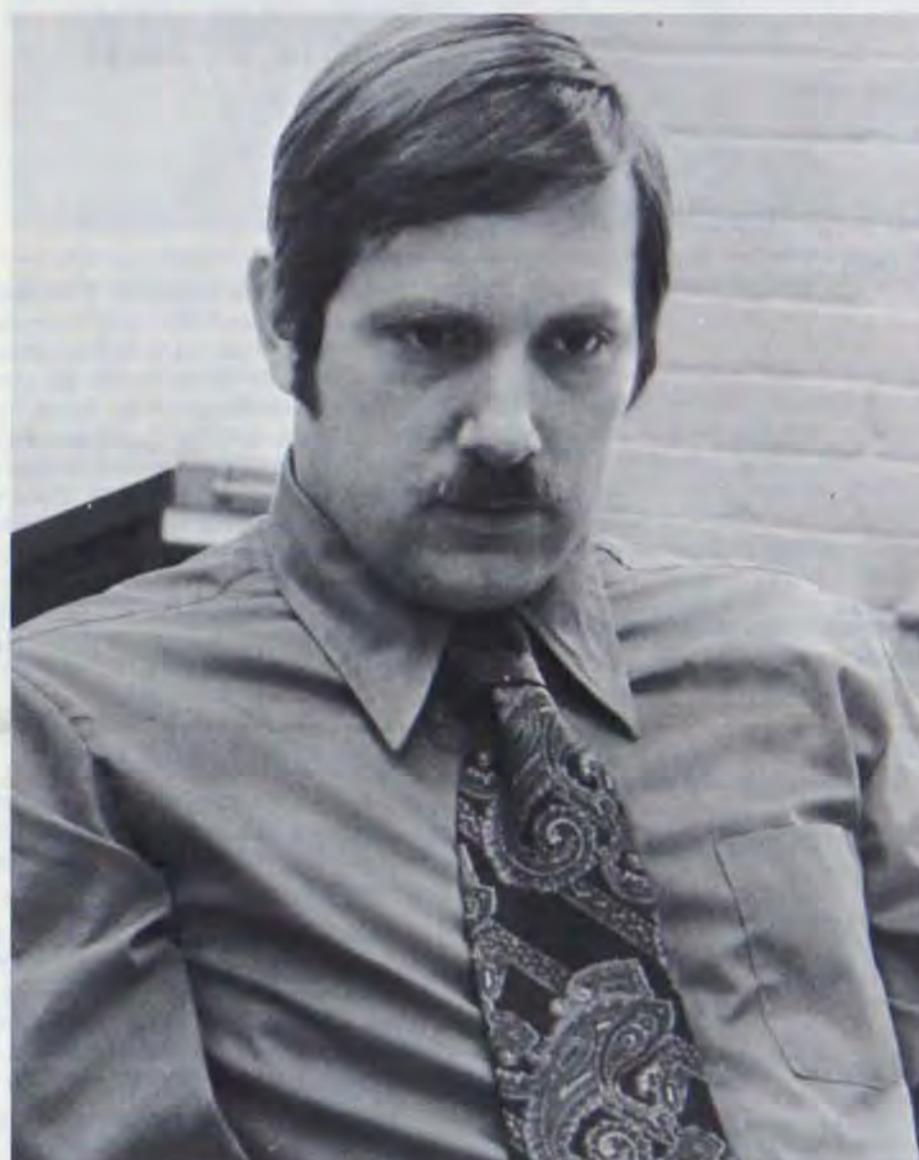
The Office tries to provide a package that will cover a student's tuition, room and board, and books, with a reasonable allowance for transportation and personal expenses.

Though a student must apply to the ACT for specific federal aid programs, to a St. Paul office for state programs or to the University for the programs it specifically administers, he still will get all of his checks from the University office. This is a situation which often confuses both a student and his parents, and one that the University has tried to alleviate by sending application forms directly to students once they have entered a program.

Among the financial aid programs which the State of Minnesota operates are the State Guaranteed Loan program, the Minnesota Scholarship & Grant program, its own student loan program and an assistance program for foreign students.

The Guaranteed Loan program, a federally-insured endeavor, has been jeopardized recently by area banks' reluctance to lend.

Continued on page 16



Sam Lewis, Director of the Office of Student Financial Aid

1976-77 unless some of the federal and state financial aid programs are increased fairly substantially," Lewis said.

The Minnesota governor's budget message indicated the probability of increased state funds for financial aid in the coming biennium, and this, with federal government's expansion of its Basic Grants program over the next two years should help. But student aid must remain a high priority in the University's state request and in its work with representatives of the federal government, Lewis indicated.

The University's Office of Student Financial Aid works with programs in three major areas: at the federal, state and University levels.

The federal Basic Grant program is intended for any full-time student in a post-secondary educational institution where the program is six months or longer. In the next two years University of Minnesota juniors and seniors, respectively, will become eligible for the program which has only served freshmen and sophomores in the past.

The maximum amount a student can receive under the Basic Grant program is \$1400, and/or that amount which is avail-

able nation-wide when all eligible students are considered.

"So far that maximum has been less than \$1400," Lewis said. "This year the actual maximum was \$1050 which at the University would cover tuition, fees, books and supplies, with a little left over."

Most of the students on financial aid at the University are residents who live in dormitories, apartments or rooming houses — 80% — according to Lewis.

Although the ACT program determines a student's eligibility for the Basic Grant program, and he and his parents must apply directly to ACT, students seeking financial aid usually apply to the University office as well as ACT in order to take advantage of University and state programs, particularly the latter if they are residents.

Most students on financial aid are on a combination of programs, according to Lewis. "Occasionally those who applied late in the year or who have a marginal eligibility for other kinds of federal assistance, are on a loan program only," he said.

If a student is eligible for state or federal assistance, they usually have a com-

New U program seeks top high school seniors

The University of Minnesota has launched a new program called Presidential Scholars to encourage outstanding high school seniors to attend the institution.

High school principals at the 540 public and private high schools in the state have been asked by letter to nominate one outstanding senior student for the program. That student must have applied to attend the University next year at its Duluth, Morris or Twin Cities campuses, and must be in the top five percent of his or her senior class.

From these nominees, 50 Presidential Scholars will be selected and eligible to participate in specially-designed University activities, such as seminars in the homes of Regents, faculty, administrators and community leaders.

The Presidential Scholars and their parents will be invited to the Twin Cities campus in the spring for tours and get acquainted activities. They will be University President C. Peter Magrath's luncheon guests and receive special recognition from him.

The final selection of the Scholars will be made by the Presidential Scholars committee, consisting of faculty, staff and students from various colleges on the three participating campuses. Committee members will evaluate nominations on the basis of admission test scores, evidence of participation in community and school activities and honors received, and recommendations from the school principal, a faculty member and a community representative. Each nominee will be asked to present a personal statement of 150 to 300 words on his or her background, career goals and specific interest in attending the University.



alumni news

UNIVERSITY OF MINNESOTA

VOL. 74

NO. 6

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editorial

POINTS OF VIEW



Where does the University of Minnesota RANK in comparison to other universities and colleges? This used to be the question most often asked by Minnesota alumni. When I set out to find an answer for it, I discovered that there is no rating agency, no place where one can get a list, in RANK order, of distinguished or great universities or colleges of the nation, so I decided I'd do a ranking myself. I talked to each of the deans of the various colleges and schools on the University's campuses, asking in their opinion to rate the ten top colleges or universities in the country in their particular field. Upon receipt of their ratings I then sent letters to each of the dean's of the colleges on the list, asking them for their ratings. On the basis of the cumulative returns, I then came up with a listing of the ten top schools in the country by field of competence — Medicine, Liberal Arts, etc. These ratings were then published in the ALUMNI NEWS. In doing the rankings, it soon became apparent that there actually is no valid way to rate or rank universities or colleges, so I stopped.

For a long time now the question of rank has not been raised. *Very recently*, however, a survey and rating was made by the Comparative Organization Research Program of Columbia University. The method employed was similar to the one I had used except responses were solicited from 1,181 accredited schools with about a 79% return. Eighteen professional fields were rated. The University of Minnesota was rated in 16 of these fields, but not in Theology or Optometry, because Minnesota does not offer degrees in these.

Eight of the professional schools at the U of M were rated in the top ten in the nation, a record surpassed by only Michigan in the Big Ten. The Minnesota ratings were: Journalism, tied with Columbia for first place; Forestry, rated 4th; Pharmacy, 5th; Public Health, 7th; Dentistry, 7th; Veterinary Medicine, 8th; Education, 9th; and Architecture, 10th. The one seemingly glaring exception was Minnesota's School of Medicine which on anyone's list is in the top ten.

President C. Peter Magrath, when asked about the ratings, said, "Interesting, but not conclusive." Actually, there is no valid way to rate or rank any university, college, school or even department. How can you compare a huge state university and landgrant college with any of the nationally acclaimed private colleges? Within a university, how can you rate the work of one college in comparison to another? *Why not? Because the mission of each is different.* The mission of a state university, of a landgrant college, is very different than the mission of a private college; likewise, the mission of say our General College is very different than the mission of the College of Biological Sciences. They are not comparable.

Most ratings are self serving. A dean or director will rate those schools he knows best, those he has visited, taught at, knows of (reputation), where he has friends and associates on faculties or knows some of these people on a professional basis or from their contributions to the literature of his discipline. Such ratings are completely subjective, although useful opinions. It is natural to rate your own college or school because you know more about it. Actually, in the recent published ranking, the deans could not rank their own school.

There are many ways to rank a college or university — by size, by type (that is, state supported, land grant, private supported), women's colleges, the percentage of PhD's on the faculty, by the ratio of faculty members to students, by the number of faculty members in Who's Who, by the contributions of faculty members to the literature of their field, by offices held in professional academic organization. *There can be no doubt that a distinguished and productive faculty is a most important factor in any rating system* as is a graduate school which produces an ample source of PhD candidates as teaching and research assistants, as well as modern, up-to-date equipment, including audio-visual aids, plus classrooms, laboratories, auditoriums and offices. Likewise, the overall caliber of the student body is important. Here, the private college can be, and usually is, more selective, but the top caliber students at any college or university will do well if properly motivated. The difference is that at a state university a professor must deal with all kinds of students — the good, the ordinary and the indifferent — and try to motivate all to learn. Likewise, the kind of intellectual and cultural environment provided by the school is of vital importance to a rounded and full educational experience — music, art, theater, a comprehensive library.

But above and beyond all these factors, the professor, no matter how highly

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trained and distinguished, must be a *good teacher*, able to stimulate, challenge and motivate the student to learn, to seek the truth, to think and to reason, to accept a diversity of opinion, to realize there are always many viewpoints, many diverse philosophies, and, finally, to be able to relate what is learned to the real world in which the person lives.

Most importantly, the institution must create an atmosphere in which a faculty is free to teach, to research, to write, to guide and counsel, to speak out and discuss, to be able to follow the search for truth no matter where it may lead.

Finally, for a university to achieve greatness, it must have an *alumni body that understands and supports the needs of their university*, who are proud of their university and expect to help maintain the quality of excellence that keeps it great.

The University of Minnesota meets these qualifications in a very unique way. It has a very distinguished faculty that is also a teaching faculty; it has a high caliber student body; it has an alumni body that is understanding and supportive; *it is a great university.*

Ed Hawes

ROTC is alive and well at the University

How is ROTC enrollment doing at the University in this era of an all-volunteer Armed Forces?

All three services, Army, Navy and Air Force, have ROTC units on campus and all three programs are alive and well. Overall enrollment is up, with significant increases in the freshman class. After a period of declining enrollments, the downward trend has apparently bottomed out.

Enrollment for the Army program was 101 at the beginning of this academic year. Sixty freshman signed up for the course, 8 of them four-year scholarship winners. Eighteen sophomores, 14 juniors and 9 seniors complete the Army cadet corps.

The freshman enrollment is particularly significant since 1974-75 marks the first time since 1968-69 that more than 50 freshman enrolled in the Army ROTC program.

Naval ROTC total enrollment was also up this fall, to 121 — again reflecting a sharp increase in the size of the freshman class. The 57 entering freshman represented about a 40 percent increase over the year before. Present indications are that such expanding enrollment will continue.

The reduction of Air Force personnel requirements in a new peace-time environment has forced the Air Force to control the total number of cadets in its ROTC program. As a result, fall enrollment was down approximately 20 percent to 24 new freshman cadets and a total of 85 students in the overall program. Although restricted in number, the enthusiasm of the Air Force cadet corps remains high and the increasing competition for an Air Force commission should assure excellence in future Air Force officers.

Commencement may change again

A proposal to have two June commencements, one for bachelor's candidates and another for all other degree candidates, is one of several ideas being considered by a University commencement review committee.

Claudia Wallace, University special events and commencement coordinator and committee chairperson, said the group wants to determine whose needs are being met by commencement. She said that interest in the graduation event is increasing after declining for several years.

The committee feels many students want an all-University event and that many enjoy the commencement pageantry.

The committee also wants to keep costs down. June commencement last year, with 5,000 graduates, cost \$29,000.

The site for commencement will also be changed from the State Fairgrounds where it has been held there for the past few years. Various places where the weather will not be a factor are being considered.

At Waseca Technical College

Valuable campus and community facility dedicated at outstate coordinate



THE NEW LEARNING Resources Center at the University of Minnesota Technical College-Waseca was officially dedicated on November 24, 1974. The building houses the library, audio-visual, duplicating, graphics, data processing and television service units of the campus.

The new University of Minnesota-Waseca Learning Resources Center (LRC) had all systems to when it was dedicated in late November.

The building, for which ground was broken in the fall of 1972, is undoubtedly the single most important facility at UMW. A three-level center, with brick exterior and poured concrete interior, it is the first phase of a two-phase Learning Resources Center planned for Waseca.

This facility houses the library, audio-visual, duplicating, graphics, data processing and television service units for the campus.

A Memorial Room for the Southern School of Agriculture is also part of the new building whose main structure is connected to existing facilities by a student activity link.

Total cost of the LRC and the activity link was approximately \$1 million. A federal grant of \$228,533 was received under Title I of the Higher Education Facilities Act of 1963 from the Department of Health, Education and Welfare to help in constructing the building.

Waseca Provost E. C. Frederick says the LRC is much more than a library, that "it is truly a center of learning."

LRC supervisor Jack Lindner is credited with making the concept behind the Center a reality.

At the dedication ceremony, Lindner said that this concept is not unique. "It's in all levels of education. The rationale is based upon an age of complexity," he said.

"The multi-media approach is important in the everyday world, and it's impor-

tant in teaching and in modern education.

"The idea (of the Center) is to gather together all resources and put them in a central place so that students need only check one source for their learning materials," Lindner said.

He emphasized that the media is only a tool, a go-between, a transmission link between source and receiver. "We are education-centered rather than facility or device-centered," he said.

Lindner said that the Center is a community resources center if the community wants it to be. UMW has invited the Waseca community and people in surrounding areas to use the center and its agriculturally-related materials.

Waseca Mayor Carl Swanson calls LRC a vast storehouse of knowledge, especially of things going on in Waseca's part of the state. "Once people get accustomed to using the center for the benefit and enrichment of their own lives, they're going to realize how valuable it is," he said.

In officially dedicating the building, Frederick said:

"We devote this building first of all to solving the major social problems — the need for food. Secondly, we dedicate the building to agricultural industry and the people of this agricultural community.

"And, thirdly, this Learning Resources Center is dedicated to the students, faculty and staff of this college."

Several Minnesota legislators and two University Regents were present for the dedication.

Nursing School gets grant to develop research program

"The Decision Making Dilemma of Nursing" is one of a dozen research projects being developed by the School of Nursing under a facilitation grant from the Public Health Service division of nursing research.

The \$178,342 three-year grant will be used to develop and promote the school's research efforts. According to Dr. Ida Martinson, research chairman, the grant signifies a commitment to establish a strong research component in the school.

Other research projects underway include "An Evaluation of the Nursery-Midwifery Service", "Problems of Visually Handicapped Diabetics in Relation to Insulin Administration", "Sex Stereotypes Among Psychiatric Nurses", "Identifying Continuing Education Needs for Registered Nurses in Minnesota", "Needs of Recently Bereaved Widows" and "Home Health Care as an Alternative for the Dying Child".

Project Newgate expands program

Walk through the door under the sign "Newgate House" at 1901 University Avenue S.E. in Minneapolis and you will meet a number of relaxed but intense men living in pleasant surroundings. Newgate residents have lived in this former fraternity house since 1971 and there are 18 of them in the house now.

These are extraordinary young men, students at the University, whose grade average is a B-plus.

They are freshmen or sophomores, depending on where they have come from. It is the "where" that makes them extraordinary. These students are either ex-offenders who took their freshman year at St. Cloud Reformatory or they are freshman who have been diverted from a correctional institution to the University through the State Correctional System, the Federal Bureau of Prisons or the Hennepin and Ramsey counties' court systems.

Most of these men, who will live in Newgate House for two quarters, are registered in General College. One is in the Institute of Technology.

All their expenses are paid while they live in the house, including a stipend of \$15 per week for pocket money during the first quarter. This stipend is continued in the second quarter if it is needed.

After two quarters these men move into residences of their own choosing, usually small apartments near the University campus, have part-time jobs and continue their studies. Most find part-time jobs during their second quarter at the University, so their independence is established before they leave Newgate House.

However, more than physical independence is needed for men — and women — coming from a correctional institution or the jurisdiction of parole officers to the University. The institution allows little decision-making and the ego of an inmate is that of a tough guy or gal.

Therapy is needed to fit a man or woman into positive citizenship and they can get that therapy at Newgate House.

Newgate's therapy is not confrontation, nor an exercise in sensitivity. It is positive peer culture group therapy.

Ronald J. Severson, Project Newgate director, sitting in his office in Temporary North of Old Mines on the Minneapolis campus, explained the therapy.

Robert Milan, Newgate House director, and Dennis Chapman, house manager, both ex-offenders, are proof that the therapy is practical for rehabilitation.

The goal of Newgate House is to establish an ex-offender's self-confidence through group support. Men in Newgate House are divided into two groups, each with its own leader. These leaders, Harlen Kinden and Ralph Blackstone, give only subtle guidance to group discussions.

This is reality therapy, according to Dennis Chapman. "It is here and now, developing goals and insights, short-range goals, building trust, helping with identity problems."

Of the Newgate therapy, Severson has said, "The development of an attitude of concern and responsibility for one another provides the necessary support of each group member to progress toward both his personal and academic goals."

Those who enter Newgate House, be they residents or visitors, are surprised not to find rule sheets, according to Bob Milan. Behavior guidelines are set by the group.

Newgate residents are expected to spend their first weekend at the house.

Job lists for house upkeep are established informally among the men. "Somebody will say, 'This place looks dirty,' and it is cleaned at once."

"Alice checks on the pots and pans and dishes in the kitchen," Milan said. Alice is the cook who provides hot lunches and dinner for the men. They prepare their own breakfasts.

Newgate House is attractive and the men are proud of it.

How successful has the University's Newgate Community program been? Severson reported that of the 175 men who have gone through the program only 11 have violated their commitments.

Not all of these 11 have been arrested for crimes. In some cases they have violated parole agreements or have dropped out of classes.

Ex-offenders act as counselors and group leaders in the program, as well as directors in special areas. Except for Severson, Diversion-

ary program director James Salmon and Institutions director Gerald Jones, all others working for the program are ex-offenders.

Milan and Chapman have served in a number of Newgate positions. After listing them, Chapman said, "We fit the needs wherever we are needed."

Both have senior status academically, but both are so committed to Newgate's present needs that they have deferred work on their four-year degrees.

The work they are doing in the project has become their careers.

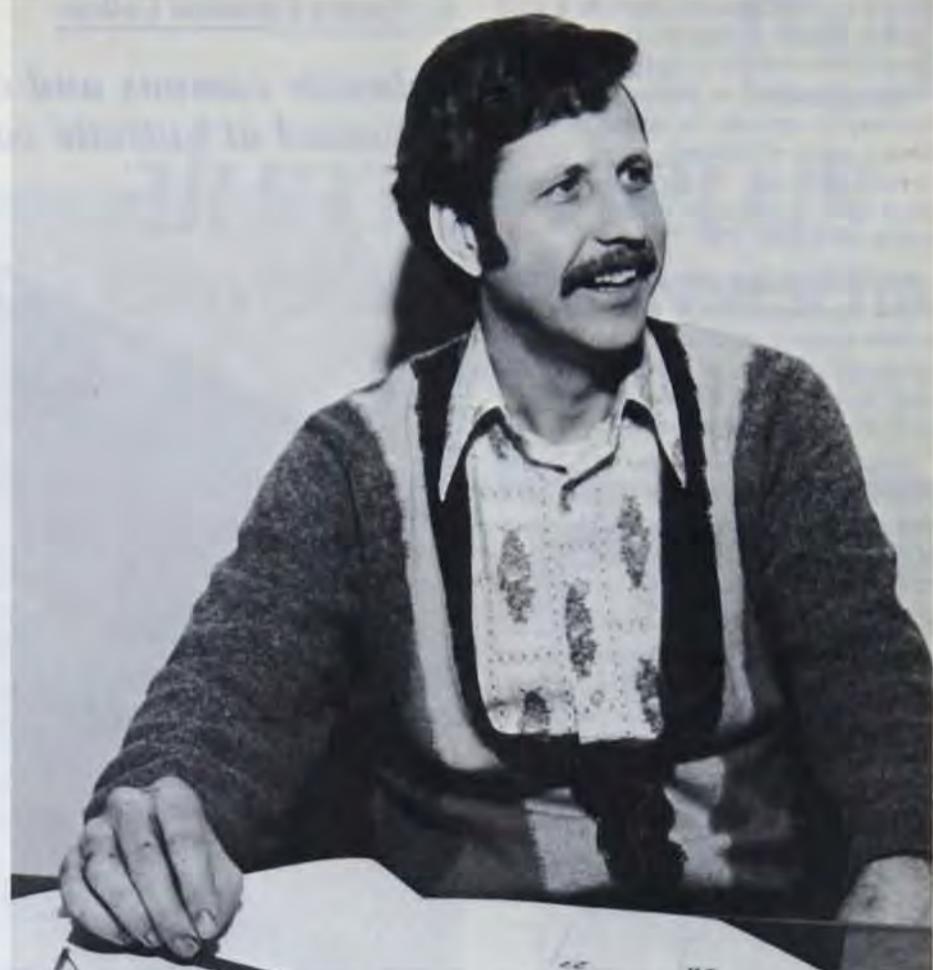
University enters Newgate program in 1969

The Newgate program had its beginnings at Minnesota in 1969 when the University established classes within the walls of a reformatory for 30 carefully screened applicants. All were within a year of release.

A grant of \$123,495 from the Office of Economic Opportunity funded the project for a year.

It was setup as a three-phase program: Phase 1 was a year's academic work in the reformatory; Phase 2, living in a special center near the University; and Phase 3, independent living and study.

The purpose of the project, according to Richard Clendenen, Law School professor, director of the Delinquency Control Institute and University coordinator of Minnesota Project Newgate, is "to test the effectiveness of



Ronald J. Severson, Project Newgate Director



ROBERT MILAN, left, director, and Dennis Chapman, house manager, are two Project Newgate students who help run Newgate House near the University of Minnesota campus.

higher education as a means of rehabilitation for criminal offenders."

"Education creates the opportunities to aspire, the very thing the inmate population has not experienced," he said.

The project was developed by Clendenen under the auspices of the All-University Advisory Committee on Community Programs. It was funded, in development, through the General Extension Division and is still in that division.

More than one-fourth of reformatory inmates qualify for college work

Of the 700 inmates in Minnesota's St. Cloud Reformatory, about 28 percent are qualified to do college work. Approximately 8 percent have been involved in Newgate since its beginnings.

Severson believes that other 20 percent need vocational training to return to society. Others agree with him and a house at 632 Ontario Street S.E. has become the home for eight men and three counselors taking classes in vocational training.

This training is being offered at the four vocational-technical schools in the Twin Cities.

Robert Zins is the director of Newgate House II, Bernard DeMarais is the house manager and group leader, and Barry Voss, the vocational coordinator.

Newgate House II is not the only new program in Project Newgate in 1974-75.

What is proving successful for men should prove successful for women.

Severson's statistics on crimes committed by women show that 22 percent of all crimes are committed by them. Of the 4,241 women arrested in Hennepin and Ramsey counties in 1973, 1,600 were 18 years or older. Few of these older women are incarcerated because many are heads of families with small children. The women are paroled and are on welfare. Fifty to 60 percent of them have preschool children.

If these women are to be rehabilitated, they have to be able to earn a living. Yet they need "therapy" just as their male counterparts do.

Project Newgate provides such rehabilitative help for them in its housing, living together and having their children with them.

Six women with 5 children are now housed at 341 Dayton Avenue in St. Paul in a house that can accommodate 12 women and 9 children.

Severson says that higher education, vocational-technical training and on-the-job training can help women as well as men. Since the women must receive welfare help or have a job, on-the-job training is the most immediate help for them.

Of the six in the Newgate program, four are enrolled at the University and two are in vocational training. Child care is provided at the house and the women are taking a child development course.

Control Data will provide on-the-job training through a career-path program for 20

women when a federal grant of \$7,200 is available.

Severson is third Project Newgate director

Severson is not the first Project Newgate director. Harry H. Vorrrath, assistant professor of social work, was the first. He resigned in July 1970 to become director of the New Center for Group Studies.

The first men in Project Newgate to attend classes on the University campus arrived in the fall of 1970. Vorrrath had witnessed their peer-support at St. Cloud Reformatory and knew they would succeed.

Vorrrath was followed by Glenn Bartoo and Severson succeeded Bartoo.

After graduation from the University of North Dakota, Severson became a high school guidance counselor. Later, while on an industrial job in Shippensburg, Penn., he decided to work for a master's degree in education at Shippensburg State College.

When he received his degree, he was offered a job at the Red Wing (Minn.) Training School for Boys. He took it and discovered what chaos meant.

He had learned the philosophy of positive peer culture from Professor Clendenen in his master's program and went to Red Wing to practice it.

Within a year the entire atmosphere of the school changed and Severson knew that the philosophy worked.

He was enthusiastic about the expansion of Project Newgate at the University of Minnesota. When Bartoo left to go into the Uni-

versity's Delinquency Control Institute in January 1973, Severson, then an assistant professor of Delinquency Control at the University, became director of Project Newgate.

What cost rehabilitation?

To keep a man in St. Cloud Reformatory costs \$26 per day. To keep a man in Newgate House and enrolled at the University — including tuition, books, board and room — costs \$21.70 per day.

According to Severson, the University's current budget request includes \$165,000 for Project Newgate. Besides these funds, money for the program comes from the Minnesota Department of Corrections, from contracts with Hennepin and Ramsey counties court systems, from the Federal Bureau of Prisons for diversionary work, from various agencies which the project serves and from private gifts.

Plans are already underway to expand the program to Lino-Lakes, the Minnesota Reception and Diagnostic Center at Circle Pines for juvenile offenders. Since Lino-Lakes works with boys under 18, and St. Cloud Reformatory, with men over 18, the coordination of Project Newgate between the two institutions is a natural growth. — Wilma Smith Leland

University offers more \$1 lectures

Sixteen more lectures of \$1 are being offered through the University's Extension Classes this winter quarter due to the success of fall quarter's "sampler" series when more than 400 attended 14 specially-prepared lectures given in the evening as part of regular University courses.

Lectures scheduled for winter quarter are covering such topics as communication in the family, photography, women's rights, home landscaping, understanding weather maps, conflict and stress, contemporary Asian art, the Book of Job and the Minneapolis truck strike. The first lecture, "Expectation of Perfection: The 18th Century Within Us", was held January 8.

Most lecture groups are meeting on the University campus, but some sessions are being held in Richfield, Minnetonka and Chaska. All the lectures are self-contained and require no preparation. Those interested in attending may sign up for as many as they wish.

According to Extension Classes officials, the purpose of the sampler lectures is to familiarize non-students with the University and its offerings and to encourage people to register for future courses.

Registration for winter quarter sampler lectures must be done in advance in person any time between 7:45 a.m. and 4:30 p.m., Monday through Friday, in 201 Wesbrook on the Minneapolis Campus, or by mail by writing University Sampler, 180 Wesbrook Hall, University of Minnesota, Minneapolis 55455.

Sampler lectures still available during the current quarter include:

What's a High? Understanding the Weather Map, February 11; *Conflict, Stress and Your Emotional Response*, February 19; *The Book of Job: A Universal Moral Crisis*, February 24; *On the Road to Wounded Knee: The Sioux Treaty of 1868 and the Opening of the Black Hills*, February 25; *Floyd B. Olson and the Minneapolis Truck Strike*, March 4; *Creating a Light-Sound Show: Audience Participation in an Art Form*, March 5; and *Contemporary Art in Asia: The Role of Tradition vs. Change in India, China and Japan*, March 11.

1,721 graduate at December commencement

University President C. Peter Magrath, participating in his first commencement since becoming head of the University, conferred degrees on 1,721 students, including 173 doctoral, 301 master's and 1,232 bachelor's candidates, during fall quarter commencement exercises in mid-December. Eleven special certificates in education and four commissions in naval science were also granted.

The commencement speaker was Regents' Professor of History Tom Jones. He has been a member of the University of Minnesota history department since 1935. An expert in ancient history, Jones is the author of numerous books and articles on related subjects. In 1966 he received the Distinguished Teacher Award of the University's College of Liberal Arts. In addition to his activities in the history department, he has worked with the University's Minnemath Center as an historian.

LaVern Freeh is serving as a special assistant to deputy vice president

In the first part of September 1974, LaVern A. Freeh, assistant director of the Agricultural Extension Service and head, Office of Special Programs, became a special assistant to William F. Hueg, Jr., deputy vice president and dean of the Institute of Agriculture, Forestry & Home Economics.

Freeh is helping the deputy vice president develop and maintain contacts with various institutions and organizations within Minnesota and nationally and is serving as a member of the Institute's executive council and representing the Institute at a variety of functions, legislative hearings and other affairs.



LaVern A. Freeh

He is working on faculty receptions, conferences, workshops, tours, luncheons and special exchange programs, with international visitors and on special committees.

Among his recent conference activities, Freeh addressed the deans and directors of resident instruction in agriculture at a summer conference held in Canadian, Okla., in early August. He talked about the "Impact of Predicted Changes in Agriculture and Education on Associate Degree Programs."

Freeh also addressed the National Association of County Agricultural Agents in Tucson, Ariz., in October on "Public Relations". He has been asked to repeat this presentation at the national meeting in Milwaukee, Wis., in October 1975.

Dr. Richard Meronuck of the Office of Special Programs recently returned from a six-week tour of Europe as the coordinator of

the Minnesota International Agricultural Student Work-Study program.

This program enables students from Europe, Australia, South Africa and other countries to come to the United States to work and study. The students arrive in America in late March, work on various farms, in greenhouses, nurseries and agricultural businesses until December, and then attend the University of Minnesota winter quarter.

On his visits to London, Copenhagen, Oslo, Stockholm, Helsinki, Cologne and Paris, among other European cities, Meronuck met with the program's Foreign contacts, the individuals who screen applicants before they apply to the U.S. He talked to

these people about recent changes in the program, and worked to kindle new interest in this activity and the need for agricultural exchange of ideas among countries.

Two other coordinators attend national conference in New Orleans

Dr. Curtis Norenberg and Gerald Wagner, two coordinators in the Office of Special Programs, went to New Orleans, La., from December 6-11, 1974, to attend the National American Vocational Association and Adult Education Conference which centered on "Vocational Education for Productive Careers".

The sessions provided the men with valuable update about current programmatic efforts in Adult and Teacher Education in Agriculture.

LETTERS . . .

Editor's Note: Of the five letters received about Ed Haislet's Points Of View column in the 1975 January University of Minnesota Alumni News, four were from women. The letter reproduced below from Eloise M. Jaeger, director of the University's School of Physical Education, Recreation and School Health Education, is considered the most representative of the five by MAA executive director and Alumni News managing editor Haislet. Watch for a special feature on the University of Minnesota Women's Intercollegiate Athletic program in the 1975 March magazine.

On the 1975 January Points of View . . .

I read your editorial entitled, *POINTS OF VIEW*, dated January 1975, published in the Minnesota Alumni News almost in disbelief. Certainly, you have every right to reflect your opinions about the situation surrounding the intercollegiate athletics as it stands today. It is not my purpose to elaborate on what you stated about the past history of men's intercollegiate athletics for what you have written may be very true. There are statements in your editorial which men and women faculty alike believe should be answered. Moreover, enclosed with this letter is a rebuttal which I hope will be printed in the next issue of the Alumni News. For the sake of brevity let me take each point in your editorial which is of real concern to many people:

1. On page 9 you mentioned that basketball and hockey are self-supporting. In recent years basketball may be self-supporting, but the figures which I have reviewed do not indicate that hockey is a self-supporting activity.

2. You state (page 9) that for many years the athletic department supported intramural athletics — staff and facilities — as well as a portion of the men's physical education program at the University of Minnesota. It is true that men's physical education received support, but the question is to what degree? In addition, support for the intramural program was entirely in terms of men — not women. Physical education for women supported women's intramurals to the best of their ability, but outside of a matter of several hundred dollars contributed out of supplies and expense from the women's physical education budget the students raised their own money. It was not until the men's and women's intramurals combined in 1971-72 that women students began to receive financial support. At the time that I became director of the School of Physical Education, Recreation and School Health Education, I was appalled when I saw the budget for men's intramurals. The question is not one of their not needing financial assistance for I support the intramural concept 100 percent. It was just inconceivable to me that the University of Minnesota could invest over \$100,000 in support money to men's intramurals while at the same time expecting the women students to make and pay their own way.

3. You refer to men's intercollegiate athletics as being self-supporting, particularly during the golden years when the football stadium was filled to capacity. The fact of the matter is that very few of the public know that the University of Minnesota has supported men's intercollegiate athletics to some degree. One example is that of maintenance. I support the concept of the

University's giving men's intercollegiate athletics assistance for if sport is educational then it should be funded as other activities are in the University setting. The problem is, however, that almost every time that the subject comes up, ICA for Men is reported as being totally self-supporting.

4. You describe as "a final blow" the demand for equality in women's intercollegiate athletics programs as a result of Title IX. May I ask, in behalf of all women who have the potential of being top performers, why they should not be afforded the same opportunity to compete as men? Over and above football and basketball, all other ICA sports for men are not self-supporting. Yet men in golf, tennis, aquatics, track and other sports are given the very best that the institution has to offer.

5. You state that there is "no real demand for women's intercollegiate athletics and second, there are practically no women in women intercollegiate athletic programs now in existence and those that do exist are all new since 1972." This statement is totally in error. If the truth were known, ICA for Women has been a part of ongoing programs in the country dating back to the early 1900's. More important is the fact that many colleges and universities had very well developed intercollegiate athletic programs prior to the date which you state. Even here at the University of Minnesota where we had so little to go on we carried intercollegiate athletics as an extramural club program in order to begin to give talented young women the opportunity to compete with women students from other schools. At the present we offer women nine intercollegiate sports. You evidently have not been aware of the accomplishments of women at the regional and national levels in such sports as aquatics, volleyball, track and gymnastics.

6. I also think that it's high time that we give recognition to the fact that the University population is now comprised of almost 50 percent men and 50 percent women (Based on Admissions & Records statistics for fall quarter attendance on the Twin Cities campuses, excluding the Graduate School.) Furthermore, many women support both football and basketball and I doubt whether one would find a great difference in the number of men and women attending games if such a statistic were available. In closing, from my standpoint, it would have been far better and more "sporting" if you had at least given the women the opportunity to reply to questions which troubled you before preparing such an editorial. I have known you for many years and we have had a most cordial relationship. In fact, a number of years ago we worked together. Therefore, I am sorry that you did not think to sit down and discuss this problem with us, but proceeded to write an editorial without checking the facts carefully. I am a member of the Minnesota Alumni Association and I am a staunch supporter of it. Therefore, I would like to request that the enclosed article "A Rebuttal to Points of View on Intercollegiate Athletics by Ed Haislet" be reported in the next issue of the Minnesota Alumni Association Bulletin. This request is made in behalf of many faculty and students including both men and women who feel very keenly about this editorial.

Eloise M. Jaeger,
Director, School of Physical Education,
Recreation and School Health Education



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Average is 60-hour week

Study shows that University faculty works long hours

The average full-time faculty members at the University works about 60 hours per week, according to a recent study done by the University administration. The survey, conducted by the office of Management Planning & Information Services (MPIS), was based on a random anonymous sample of 1,719 individuals or about 20 percent of the faculty at the University during the 1973-74 school year.

Approximately 80 percent of the faculty sample answered the questionnaire.

Contrary to the popularly-held notion of inaccessible, research-oriented University professors, 59 percent of professional time is devoted to instruction or instructionally-related activities, such as teaching, student advising and curriculum development, the report of the study states.

According to the MPIS survey, the average faculty member devotes about 22 percent of the 60-hour total to "research, scholarly and creative activities", while about 19 percent is spent in other work, such as administrative committees and public service.

The study results are even more impressive if considered in terms of the 40-hour work week norm.

"Faculty devote nearly 'full time' (35.6 hours) to direct instructional activities," the survey report says. "Research, administration

and public service are done almost on an 'overtime' basis."

The study showed that there are some faculty members working less than 40 hours a week, with the lowest at 22 hours, and some who work more than 80 hours a week, the highest at 119 hours.

MPIS director David J. Berg said that anonymous studies tend to be more accurate than university-wide reports which require every professor to report his or her activities and sign his or her name to the report.

"Our recent faculty activity analysis replaces highly individual personal testimony with a statistically-accurate profile of how a typical faculty member spends his or her time," Berg said.

The average academic appointee works 59.8 hours, with professors working an average of 60.3 hours, associate professors 60.6 hours, assistant professors 58.3 hours and instructors 60.2 hours, the survey showed.

The results match "very well" with those of previous surveys, both at Minnesota and elsewhere, according to Berg.

"They all say that faculty work long hours, as do other professional and entrepreneurial workers in our society, and that, in the case of faculty, a very substantial number of those hours are directly related to their students," he said.

has cautioned that the University's increasing operating costs due to inflation make it difficult to hold the line on tuition. He feels that the ideal solution would be to hold tuition at its present levels through the first year of the biennium while the governor and legislature work with the University on the problem.

The tuition problem is not unique to the University, but is shared by the state's community and state colleges.

The governor's budget recommendations to the Legislature included an increase of \$33.6 million or 13.5 percent in the University's appropriation, excluding salary increases which were not disclosed. At a press briefing it was learned that salary increases were not released because they could become a factor in negotiations both among faculty at the state colleges and state civil service employees.

The University is asking \$37 million for faculty pay increases. The Regents' plan calls for a 12 percent cost-of-living raise the first year of the biennium and an additional 4.5 percent for merit increases and equalization of salary inequities. Approximately six percent in cost-of-living raises was proposed for the second year of the biennium.

Minnesota's ranking has dropped from seventh in 1971 to tenth in 1974 for professor's salaries in its competitive market of 12 schools, including the Big Ten and California. And it has dropped from fourth to ninth during the same period in its relative position for the pay of beginning instructors.

Anderson's recommendations also include 213 new faculty positions and 230 new civil service positions for the University. Magrath said the governor's recommendation would help the University with the problem of inflation which will cost about \$10 million of the \$33.6 million increase.

"I am delighted that Governor Anderson recognized our need for additional teaching, research and service positions to meet increasing workloads, and to take account of federal support for certain critical programs," he said.

One of the areas of decreasing federal support — the commitment to increasing enrollment in the Medical School — would be funded by \$3.5 million in state appropriations if the governor's recommendations are approved by the Legislature.

Anderson also recommended \$300,000 to establish graduate residencies in family practice in Duluth, a 25 percent increase in the University of Minnesota-Duluth dental hygiene program, and a 15 percent increase in the Rural Physicians Associate Program, which places medical students for one year in rural areas.



University President Magrath

Anderson also recommended an increase of 18 percent in the funding level of the University Technical Colleges at Crookston and Waseca, and 19 percent increase in agricultural extension and research program.

"In a state that derives more than 40 percent of its employment and gross economic product from the production and processing of food, we must ensure that these two very important programs are adequately funded," Anderson said.

Specific details of the governor's budget as it compares to the University request is still being calculated by University officials.

Magrath said that he will continue to pursue funding of the University's \$51.9 million request in new buildings and other capital improvements. The building requests are not normally considered in the governor's budget message.

Nursing School establishes research fund

The School of Nursing has established a fund to support the school's research efforts.

Named for Katherine Densford Dreves, dean of nursing at Minnesota from 1930 to 1959, the fund will be administered by Dr. Ida Martinson, director of research for the school.

Governor's tuition freeze plan praised by students and administration

Reaction at the University of Minnesota was, of course, favorable to Governor Wendell R. Anderson's proposal to freeze tuition at Minnesota colleges and universities over the next biennium.

"I am enormously gratified that Governor Anderson has demonstrated such constructive concern over the serious financial and tuition problems in Minnesota's post-secondary institutions," University President C. Peter Magrath said.

Students who were watching the governor's message on television in Coffman Union cheered when he proposed the tuition freeze.

Student leaders who are planning to campaign among Minnesota legislators for the tuition freeze said they will continue their effort.

Rick Marsden, a sophomore in agriculture, said the governor's proposal gives credibility among legislators to the students' work for a tuition freeze. He and Roxanne Goertz, members of a student committee working for a tuition freeze, were among the students who met with the governor when he visited the campus last month.

Miss Goertz said the Twin Cities Student Assembly would send a letter to Anderson thanking him for his proposal.

Dennis Hogan, another member of the student committee, said President Magrath played an important part in demonstrating the students' needs.

In the more detailed document that accompanied his budget speech, Governor Anderson said that "low tuition is the best student assistance we can provide."

The tuition freeze, which would cost \$17.5 million statewide, including about \$12 million at the University, was coupled with a \$7.5 million or 53 percent increase in student scholarship and grant programs at all the state post-secondary institutions.

Magrath said the tuition freeze and increased scholarship, grant and loan programs represented an understanding of the "serious problem" facing Minnesota students and their parents in rising tuition.

"These tuition, scholarship and loan recommendations manifest a common theme on Governor Anderson's part: There must be as much opportunity as possible for all Minnesota students to further their education and skills in order to benefit the state," Magrath said.

In December the University Regents sent a resolution to the governor and the 1975 Legislature asking them to give special attention to tuition policy. The Regents fear that Minnesota young people could be barred from certain educational opportunities because of increasing university and college tuition.

Currently, students pay 26.5 percent of the

University's operations budget in tuition. And, every time legislative appropriations for the University increase, student tuition increases proportionately.

The Regents' resolution does not affect the University's 1975 Legislative request for \$328 million for the 1975-77 biennium, an increase of \$77 million over the current two-year budget. Proposed tuition increases would yield an additional \$16.9 million if applied to the University's total request.

University President Magrath, though expressing concern about the increasing tuition,

Computerized classroom in a bus provides special education



Just south of Memorial Stadium is a self-contained, computerized classroom on wheels where University students and faculty members can take courses that deal with the diagnosis and treatment of handicapped children.

Tom Emery, manager of the classroom van, said that the courses, called Computer Assisted Renewal Education (CARE) are designed to help "define and identify" common learning disabilities, according to a report in the *Minnesota Daily*.

The unit offers four CARE classes, the first of which focuses on the iden-

tification of learning problems among children; the second and third, on helping teachers diagnose and deal effectively with children who have learning disabilities; and the fourth, on problems of unusually handicapped children. The classes are mainly designed for graduate students, but are open to upper division undergraduates.

The CARE van, which will remain on the University campus until early March, was originally developed by Penn State University in 1934. The present unit was developed by IBM in 1968

and is the second of two now in use. The unit's instructional system, a cathode ray tube resembling a television screen, presents the main content of each course on the screen. Other equipment attached to the instructional system allows a student to respond to questions and to view other information and graphic presentations. The system lets a student progress at his or her own rate.

The University's department of special education is responsible for the CARE van's presence on campus.

Student Body Leaders On A Tuition Hike:

A proposed 30-40% tuition hike for the 75-76 school year is facing students at the University of Minnesota. This proposed raise in tuition may well force many students out of school.

We, as representatives of the student body, are concerned about this problem and thus are waging a campaign calling for a two-year freeze on tuition. We feel that education costs to the student should not be increased until it is determined what amount students can afford to pay. Then the rates should be set accordingly. We are requesting that the Legislature make up this difference for the next two years so that the quality of education at the U of M will remain as high as it has been in the past.

Our campaign has been unanimously endorsed by the Student Senate and is backed by Governor Anderson and President Magrath. The only people who still need to be convinced are the members of the State Legislature, for they will make the final decision about the University budget.

Students at the University of Minnesota are writing their legislators and explaining the seriousness of this situation and requesting that a freeze be put on tuition. We hope that University alumni will join our campaign.

Higher education should be available to all those who want it. Unless we act now, many students may lose their chance for a college education in Minnesota — a sad thing for the state, the University, and the student.

*Pat Pechacek,
Student Body President*

*Barbara-Ann March,
Speaker of the Senate*

New mining program proposed for Duluth campus

University President C. Peter Magrath has endorsed a faculty proposal to train mining engineers on both the Twin Cities and Duluth campuses of the University.

The "three-and-one plan" would allow students in mining engineering to spend three years at the University of Minnesota-Duluth (UMD) and their fourth year in the Twin Cities where the University's major engineering facilities are located.

The plan was proposed in a report released in late January by a six-member faculty committee named in December 1973 and chaired by Richard C. Jordan, head of the department of Aerospace Engineering & Mechanics. Last November, representatives of the mining companies in northern Minnesota made a similar proposal to Magrath and members of the Board of Regents when they met in Duluth.

Although Magrath endorsed the proposals, he said that the University had no means to fund the project.

The Jordan report estimated that the program would cost between \$39,000 and \$55,000 annually for the addition of two or three new UMD-faculty members and a one-time investment of about \$45,000 in laboratory equipment.

Magrath also endorsed the committee's recommendation for more funding for the Mineral Resources Research Center (MRRC) on the Minneapolis campus, which lost about \$550,000 in state appropriations over the 1971-73 biennium.

"A skeleton staff has been maintained for the past two years through short-term industrial and governmental contracts," he said.

"But I think the report's authors are on target in concluding that MRRC deserves support commensurate with its vital mission: especially now that we are becoming acutely aware of not only how scarce some natural resources are, but also of how quickly political events can make them unavailable to the American people, as witnessed by recent Arab oil policy and the nationalization of Chilean copper mines," Magrath said.

Magrath and the committee rejected suggestions that the MRRC and a complete engineering program be moved to the Duluth campus.

"Current mineral and geo-engineering

programs, as well as other programs of the Institute of Technology, are already marginally funded and cannot sustain further reductions," he said.

Magrath said the taconite industry provides an example of the value of research. The industry currently employs more than 11,000 people with about \$750 million invested in its development on the Iron Range.

"Important research now under way at the University, which may interest you, deals with developing a method of increasing efficiency in the taconite process by 10 percent to 15 percent, while at the same time achieving a corresponding energy savings."

"The report also mentions the need for research in other resources indigenous to Minnesota, such as semi-taconite, copper-nickel, manganese, peat and the aluminum found in copper-nickel tailings," Magrath said.

Engineers trained at the University would have no problem finding jobs, Magrath said, citing the example of a 1969 coal mine safety act which created a demand for 1,200 mineral engineers as inspectors.

"In Minnesota, a recent survey conducted by the American Institute of Mining, Metallurgical and Petroleum Engineers shows that the Department of Natural Resources will require 19 additional mineral engineers during the next three to five years; that the copper-nickel industry, if developed, could require 50 mineral engineers during the next seven years; and that taconite companies will require 30 mineral engineers each year for the next three to five years," he said.

Magrath said the MRRC and the University should provide the leadership in finding ways of developing mining that is consistent with protecting the environment.

"Two of the best examples of this involvement include the original research leading to the development of the billion dollar taconite industry, and our current efforts, through the Lake Superior Basin Studies Center, to protect the natural beauty and balance of the Duluth area and vicinity."

"One of our other activities, and one of our more important responsibilities in this regard, is the professional training of mineral engineers and geo-engineers so as to help provide northeastern Minnesota, and the United States, with the trained personnel it needs to properly develop its mineral resources without, at the same time, abusing nature," he said.

Women's basketball team to face AAU champion in February

The Minnesota Gopher Women's Basketball team opened its 1974-75 season traveling to Iowa City, Iowa, to compete in the Big Ten Championships on December 6-8. The team met some of the best competition it will face during its current season and performed well under pressure.

Minnesota lost to its first three opponents, the University of Wisconsin 55-45, University of Iowa 55-43 and Indiana University 93-37, and beat the University of Illinois 53-50 in its final tournament game. Co-captains Kathy Shrake, a junior from St. Paul, and Kathy Andrychowicz, a senior from St. Anthony Village, were Minnesota's high scorers with 32 points each for the four games.

In their first home game on January 14 in the Bieman Athletic Building, the Gophers whipped the University of Wisconsin-River Falls, 61-30. Coach Jenny Johnson said the key to the win was rebounding. Minnesota freshman forwards Denise Erstad and Diane Scovill scored 14 points each, many on offensive rebounds. And the ball handling of guards Kathy Shrake and Kathy Andrychowicz caused a number of turnovers.

The Minnesota women played a slowdown zone offense during the first half of the game, switching to a man-to-man defense in the second half which allowed them to dominate the game and fast break for almost the entire fourth quarter.

On January 17 the Gophers went to Winona to play the runnerups of last year's state championships. With a seasoned team of underclassmen, Winona proved they are contenders again this year for the state MAIAW (Minnesota Association of Intercollegiate Athletics for Women) basketball title. They defeated Minnesota 58-51.

"Our players had trouble hitting the basket," Coach Johnson said. And the Gophers were in foul trouble, too, losing three starters and having another with four fouls. "Winona

scored 22 points on free throws alone, and caused many more turnovers. We could have the early season jitters, especially being on the road. But this problem should work itself out with a little time and experience."

The Women's Varsity Reserve fared better in their first game of the season defeating Winona's reserve squad 52-43. Kate Kroll, sophomore guard, scored 12 points in the first half, while Terese Cragg and Laura Andert had 8 points each and a number of assists.

Highlighting the Gopher Women's Basketball schedule is a game February 17 with John F. Kennedy College of Wahoo, Neb. JFK is one of the best women's college teams in the country, having won the AAU (American Athletic Union) tournament in 1972-73 and finished second in 1973-74.

JFK recruits most of its players from Iowa where girls high school basketball generally outdraws the boys' program.

The game will be played in Williams Arena on the University campus on February 17. Pregame is at 5:30 p.m., with the Gopher-JFK game beginning at 7:00 p.m. The event is free and the public is invited to come to see some of the finest women's basketball in the country.

Women swimmers confident of a state championship

Minnesota's women swimmers are having an exceptionally good season, with many freshmen and sophomores making national cutoff times. The Gophers have competed in six meets, one a quadrangular and another a triangular meet, defeating every team they swam against. Coach Jean Freeman is pleased with individual performances and the team's overall willingness to work.

"We practice from 7:00 to 8:30 every morning, and then from 3:30 to 5:00 or 5:30 p.m. That's a long time for any person to spend in the water each day, especially while she's in school and studying," Freeman said.

Minnesota's major foes for the state title are St. Olaf and Bemidji, but Freeman is confident the Gophers will win the state meet, provided everyone swims as well as they have to date.

The University of Minnesota will host the 1974-75 state MAIAW swimming meet on February 14-15 at the Cooke Hall pool. Prelims begin Friday afternoon for the first half of the events and finals for those events are at 7:00 p.m. The diving competition will be held Friday afternoon.

The second half of the events will be held on Saturday, with prelims starting at 9:00 a.m. and finals beginning at 5:00 p.m. During the afternoon break on Saturday the men's Intercollegiate Swimming Team will compete against Iowa University at 12:30 p.m.

Admission for the state meet is \$1.00 for adults and 50¢ for all students. Tickets may be purchased at the door.

If anyone has questions about the Women's Intercollegiate Athletics program or would like further information, call 373-2200 or 373-2255.

Afro-American Studies appoints Community Program assistant

Gary Hines has been named the Community Program assistant for the University's Afro-American Studies department, a temporary position funded under the Emergency Employment Act (EEA) for the 1974-75 academic year.

According to Dr. Geneva H. Southall, department chairperson, Hines will act as a liaison between the department and the Twin Cities communities. Initially he will survey existing University resources available to the community and, after consulting with a number of community groups and individuals, and personnel in the department, will analyze the existing gaps in the department's resources and examine other educational areas or services that the Afro-American Studies department might handle.

It is hoped that his analyses will lead to the development of proposals relevant to the joint department-community projects which are recommended in the departmental charter and have been cited in various other University committee reports over the past three years.

Hines was unanimously selected for his position from 11 applicants by a seven-member interviewing team which included four departmental Community Outreach committee members and representatives from the St. Paul Urban League, Minneapolis New Way Community Center and the University Community representative for Continuing Education.

Hines has shown a strong commitment to community concerns and efforts, distinguished by his receipt of the Minneapolis Urban League's Outstanding Youth Award at the League's 48th Annual Meeting. He is the founder and still director of the Sounds of Blackness choral group.

A member of the National Sociological Honor Society (Alpha Kappa Delta), Hines received a Bachelor of Arts degree with honors last spring from Macalester College in St. Paul. Along with continual high scholastic and musical achievements, he was active in



Gary Hines

sports and won several athletic awards while a college student.

Born in Yonkers, N.Y., in 1952, Hines moved to Minneapolis with his family in 1963. While a student at Minneapolis Central High School, his leadership and scholastic promise were recognized in a number of awards: the Minneapolis Star and Tribune "Leadership and Service Award" as the graduating senior selected by the Central faculty for having shown exceptional leadership and service; the Golden Scroll for the "Promise of Greatness" Award from the American Academy of Achievement in cooperation with Honeywell, Inc.; and the "Outstanding Achievement Award" of Central's Student Council for his two years as the chairman of their Human Relations committee.

Hines was a six letterman in football and

track at Central and his musical talents made him a three-time state music contest winner as a percussionist. For two years he was a Boy's State representative.

In addition to these educational and extracurricular school and community activities, Hines held part-time jobs and was consistently loyal to Sabathani Baptist Church where today he is a member of the Young Adult Choir and doubles as a percussionist.

Hines, who plans to enter the University's Law School in fall 1975, is one of the brighter stars in the Afro-American Studies galaxy. Already he has shown the creativity, foresight and understanding of human behavior that has made possible the hoped-for collective efforts between the University of Minnesota's Afro department and other higher education groups in the Twin Cities for the February 9-16 Black History Week celebration.

And he has been selected an acting board member of the University's Association of Black Employees.

constituent and club news

Ag, Forestry & Home Ec alumni plan annual event for March 1

The March 1st Annual Meeting of the Colleges of Agriculture, Forestry & Home Economics Alumni Association in the Ambassador Motor Hotel, Wayzata, Minn., will be highlighted by a speech from C. Peter Magrath, the eleventh president of the University of Minnesota and a strong advocate of the landgrant tradition.

The Saturday event will also include presentations of the University's Outstanding Achievement Award to distinguished alumni and special recognition of the Classes of 1925 and 1950.

The 17th Annual Meeting of the colleges will begin with a social hour at 6:00 p.m. in the King's Courtyard of the hotel, followed by dinner and the program at 7:00 p.m. in the Hall of Kings.

Reservations for the meeting, at \$9.00 per person, are available from the Colleges of Agriculture, Forestry & Home Economics Alumni Association, University of Minnesota, 2610 University Avenue, St. Paul, Minn. 55114, telephone (612) 373-2466.

President Magrath will attend 24th Vet Med Luncheon

University President C. Peter Magrath will be the featured guest at the College of Veterinary Medical Alumni Association's 24th Annual Luncheon Meeting on Tuesday, February 11.

The meeting will begin at 12 noon in the Tiffany Room of the Radisson South Hotel, Minneapolis.

Dr. Sidney Ewing, dean of the University's College of Veterinary Medicine, will also be present. And a special presentation of the Alumnus of the Year Award will be made.

Luncheon reservations are available at \$6.00 per person from the Veterinary Medical Alumni Association, University of Minnesota, 2610 University Avenue, St. Paul, Minn. 55114, telephone (612) 373-2466. Places should be reserved by February 10.

College of Education alumni plan Theater-Dinner Party

The College of Education Alumni Association will have its Sixth Annual Theater-Dinner Party on Sunday, February 23, at the Old Log Theater in Excelsior, Minn.

The party will begin with a social hour at 5:00 p.m., followed by dinner at 6:00 p.m. and the play at 7:30 p.m.

This year's presentation is *Finishing Touches*, a new comedy by the author of *Mary, Mary* and *Please Don't Eat The Daisies*. Jean Kerr has given theater-goers another hilarious story, this one about an absent-minded and somewhat passive college professor who has romantic entanglements with a student.

Reservations for the Theater-Dinner Party, at \$6.00 per person, are available from the College of Education Alumni Association, University of Minnesota, 2610 University Avenue, St. Paul, Minn. 55114, telephone (612) 373-2466.

Registration opens for spring semester Extension courses

In-person registration for about 320 spring semester University Extension Classes opened January 27 in 101 Wesbrook Hall on the Minneapolis campus and ran through February 5.

Classes will begin on Monday, February 10, and end on June 14.

Two television courses for University credit will be shown on state educational channels beginning the week of March 31. "History of Civil Liberties and Civil Rights in the United States" will be shown on Mondays, and

1972-73 Outstanding Constituent Group sponsors Scholarship Brunch

The University of Minnesota Alumnae Club, which recently received the Outstanding Constituent Group award for 1972-73, will present its Annual Scholarship Benefit & Fashion Revue as a brunch this year on Saturday, February 22, in the Leamington Hotel, Minneapolis.

The Brunch, which benefits the Alumnae Club Scholarship Fund, and last year produced funds for six \$600 scholarships, will open in the Hall of States at 11:00 a.m. with a social time. A brunch and revue of fashions by Schlampp's of Minneapolis will follow at 11:30 a.m. Special dancing and music will emphasize Carnival in Rio, the South American theme of the event.

Six Minnesota women whose names are synonymous with area fashions, health care, education and cultural and civic affairs, are donating their time to model for scholarship dollars. All of the models are University alumnae or faculty visible in the affairs of their communities:

Elizabeth E. Bryant, Minneapolis, is a popular Dayton's Oval Room model;

Florrie Deane, Minneapolis, currently president of the University of Minnesota School of Nursing Alumni Association, is assistant director of nursing for staff development at Minneapolis' Fairview Hospital;

Dr. Edith Leyasmeyer, Hastings, Minn., is director of the Area Health Education Center;

M. Virginia Nagle, Minneapolis, is an associate professor of design at the University of Minnesota known for innovative student programs in her field;

Jevne Hultgren Pennock, Minneapolis, widely recognized for her work in the cultural affairs of the Twin Cities, is the wife of the Minnesota Alumni Association's national president, George Pennock; and

Emily Staples, Wayzata, Minn., a member of the University's College of Liberal Arts Alumni Association board, is also well-known for her civic efforts.

General chairman of the 1975 Alumnae Club Scholarship Brunch is Betty Barnhart Clapp, first vice president of the club. Other board members serving on the committee include Beverly Kees, second vice president, in charge of the Fashion Show; Deedee Ballin, music; historian Irene Kreidberg and Reiko Drummond, door prizes;

Marilyn Duxbury, decorations, Janet Muellerleile, chances; Estelle Knudsen, models; treasurer Eva Jane Larson and past president Darlene Haskin, hostesses; Nancy DeMars and Darlene Haskin, favors and atmosphere; and Betty Clapp and president Mary Diessner, publicity.

Reservations for the Scholarship Brunch & Fashion Revue are available at \$8.50 per person, \$3.00 of which is deductible as a fund donation. Contact the University of Minnesota Alumnae Club at 2610 University Avenue, St. Paul, Minnesota 55114, telephone (612) 373-2466 to reserve a place. Tables of ten are available on request.

Reservations should be made by February 20.

Pharmacy alumni invited to Theater-Dinner Party on Feb. 9

The College of Pharmacy Alumni Association is inviting college alumni and friends to a delightful evening at the Old Log Theater in Excelsior, Minn. on Sunday, February 9.

Following a 5:00 p.m. social hour and a 6:00 p.m. dinner, the curtain will raise on Jean Kerr's latest comedy about an absent-minded and somewhat passive college professor's romance with a student, *Finishing Touches*.

Reservations for the Theater-Dinner Party, at \$9.00 per person, are available from the College of Pharmacy Alumni Association, University of Minnesota, 2610 University Avenue, St. Paul, Minn. 55114, telephone (612) 373-2466. Reservations should be in by February 7.

"People Power: The World of Practical Politics" on Tuesdays.

Anyone wishing to follow the television lectures, but who does not want course credit, may order a study guide from Extension Classes.

Extension registration information is available by calling (612) 373-3195.



THREE OF THE MODELS for the University of Minnesota Alumnae Club Scholarship Brunch scheduled for Saturday, February 22, put on Schlampp's fashions for the publicity cameras. The models are, from the left, Emily Staples (Mrs. Loring, Jr.), Wayzata, Minn., a member of the College of Liberal Arts Alumni Association board; M. Virginia Nagle, Minneapolis, University of Minnesota associate professor of design; and Dr. Edith Leyasmeyer (Mrs. A.I.), Hastings, Minn., director of the Area Health Education Center.

WCCO executive named president of College of Business Administration Alumni

Henry (Hank) W. Dornself '49BBA, St. Paul, corporate director and executive vice president of WCCO Radio, FM and Television, has been named president of the College of Business Administration Alumni Association for 1975-76.

Affiliated with WCCO for the past 23 years, Dornself has also made his leadership known professionally through his work with the Twin Cities chapter of the Financial Executives Institute and the Institute of Broadcasting Financial Management, both of which he has served as president, and with the National Financial Management Organization in broadcasting, of which he is the founder and first president.

The latter organization has presented him with its Distinguished Service Award.

Dornself is also active in his community, having served as president of the Minnesota Amateur Hockey Association, as treasurer of the Citizens Committee on Public Education and as a board member of Minnesota Junior Achievement.



Henry W. Dornself, President, Business Alumni

University president and his wife, executive director visit Suncoast chapter

About 65 alumni turned out at a December 30 gathering of the MAA's Florida Suncoast chapter to meet University President C. Peter Magrath and his wife Sandra.

Magrath spoke to the alumni and friends about his career in academic administration, his philosophy of education and the importance of the landgrant university, and about some of the problems facing higher education today. He also answered questions from the floor.

Esther Goehring, president of the Suncoast chapter, served as hostess for the event which took place in the ballroom of the Princess Martha Hotel.

Among those present were Juanita Erickson from Ft. Meyers, Fla.; Bob Nash; Harold Palmer, Alumni Service Ward winner; Dick Kozelka; Roger Wilk, dean of education at South Florida University; and Carl E. Berzelius, former president of the MAA Philadelphia chapter.

Dr. Kay Ingebrigtsen heads Dental Alumni Association

Dr. Kay H. Ingebrigtsen '45BME '52DDS, Minneapolis, is serving as president of the School of Dentistry Alumni Association. His vice president is Dr. Ralph Werner and secretary-treasurer, Dr. Fred Carlson.

Directors who have been elected to terms expiring in 1978 are Drs. Paul Koch, Clarence Flynn and Kenneth L. Catton.

Dr. Ingebrigtsen, who practices in southeast Minneapolis near the University campus, holds memberships in the American Dental Association and Society for Dentistry for Children, as an associate of the Chicago Dental Society, in the Minnesota and Minneapolis District Dental Associations, the Academy of General Dentistry and the American Society for Preventive Dentistry.

been chairman of the St. Paul Area Health Council and a member of the board of the United Fund for three years. He is currently serving as dental consultant for the St. Paul Home for the Aged.

A widower who has two daughters, Pauline, an elementary school teacher, and Dorothea, a registered nurse, Dr. Koch's hobbies include photography, outdoor activity and travel.



Dr. Kenneth L. Catton

Board member Catton and his wife and five children are residents of St. Cloud, Minn., where he practices. As a family they have enjoyed many camping adventures.

A Navy veteran, Dr. Catton received his DDS from Minnesota in 1960 and is presently serving as chief of the Dental staff at the St. Cloud Hospital and chairman of the St. Cloud Board of Health.

A member, past president and state program director of the Academy of General Dentistry, he has also served on the Minnesota Dental Association's Public Relations and Hospital Dentistry committees. And he has been chairman of the Stearns County Dental Advisory committee, the St. Cloud Area Dental Emergency Care committee and the Dental Liaison committee to the St. Cloud Vocational School for Dental Assisting.

He is active in his community as a member of the Chamber of Commerce, Sertoma Club, Knights of Columbus, Jaycees, Young Republican League, St. Peter's Parish Finance committee and on the board of directors for the Area United Fund.



Dr. Clarence S. Flynn

Dr. Flynn, who lives with his wife and four children in Edina, Minn., attended Hibbing (Minn.) Junior College before coming to the University of Minnesota where he received a BA in 1951 and his DDS in 1955. He was a member of the U.S. Army Dental Corps from 1955-57.

Active in a number of professional organizations, he has been secretary, treasurer, vice president and president of the Minnesota unit of the American Society of Dentistry for Children; has served on the boards of directors of the Children's Dental Services Association of Minneapolis and the Hennepin County Coalition from the Minneapolis District Dental Society; and as president of the Minnesota alumni chapter of Psi Omega fraternity.

A member of the Optimist Club of Southdale and the Century Club of the School of Dentistry, he has been an active lay leader at St. Patrick's Church of Edina.

Among his hobbies he lists fishing, hunting, boating and golfing.

Edina dentist heads Dental Century Club

Dr. Lloyd E. Pearson '57DDS '59MSD, in private orthodontic practice in Southdale's



Dr. Lloyd E. Pearson, President, Dental Century Club

Medical Building, Edina, Minn., is serving as president of the University's Dental Century Club.

A diplomat of the American Board of Orthodontics and past president of the Minnesota Society of Orthodontics, he is a member of the American Dental Association and Association

of Orthodontics, Psi Omega and Omicron Kappa Upsilon, honorary dental fraternity, the Angle Orthodontic Society and the Tweed Foundation for Orthodontic Research.

He is also a past president of the Edina Rotary Club and a member of the Normandale Lutheran Church.

Dr. Pearson enjoys family activities with his wife and three children, golf, jogging, snow and water skiing, and restoring pre-war Lincoln Continental cars.

General College alumni plan meeting for March 31

The General College Alumni Association will hold its Annual Meeting on March 31 in the University of Minnesota Alumni Club on the 50th floor of the IDS Center in downtown Minneapolis.

Highlights of the event will include the presentation of Faculty Member and Alumnus of the Year awards. Past award recipients will also be honored during the meeting, as will retiring faculty members.

Additional information on the annual gathering can be had by contacting the General College Alumni Association, University of Minnesota, 2610 University Avenue, St. Paul, Minn. 55114, telephone (612) 373-2466.

Dear Club Member,

The Plastic charge card is no longer issued. Your regular membership card will be used and it indicates both your Club expiration date and your Club charge number. When you make a reservation for lunch or dinner, your number will be automatically put on your check, so after being served, all you have to do is sign the check. Only if you do not have a reservation will you be asked for your card and number. — Ed Haislet

A Valentine Treat For Alumni Club Members Only:

YOUR EXCLUSIVE FEBRUARY 14TH MENU

Treat your special Valentine to lunch, dinner or both at the Club . . . or make Valentine's Day the day to show your family and friends how much you care about them.

The Valentine's Luncheon will feature:

Fresh Seasonal Fruit Supreme
Scampi Florentine En Coquille
Valentine Petit Fours and Beverage
COMPLIMENTARY PINK CHAMPAGNE
\$5.50* per person

And for dinner:

California Avocado with Bay Shrimp Piquante

Cream of Wild Rice Soup

Tournedos Mon Amour

Chef's Garnish

Strawberry Parfait

COMPLIMENTARY CORSAGE FOR YOUR VALENTINE

\$10.00* per person

A special Sweetheart Cocktail is available at both lunch and dinner.

(*) Plus 15% gratuity and 4% sales tax.

This special Valentine menu is the beginning of many exciting activities being planned for you, our Club Members . . .

. . . March 17, "The Wearin' of the Green" day will be duly recognized with special menus and shamrocks.

. . . Beginning March 3, on Monday through Thursday of each week, the Club will feature Gourmet International Dinner Menus with appropriate fanfare.

Watch for more information about these special activities in the next issue of The Alumni News.

Call Club Manager Irene Kreidberg at 376-3667 for your Valentine's Day reservations today. Dinner reservations must be made by 2 p.m. on the 14th.



Dr. Paul Koch

Dr. Koch, a general practitioner in St. Paul, received his dental degree from Minnesota in 1927.

He is a past president of the St. Paul District Dental Society; a member of the board of directors of Mindenpac, a branch of the Minnesota Dental Health Public Affairs committee; and many other committees of state and local dental societies.

Dr. Koch, who is presently serving as a member of the University's Class of 1927 Fund Committee, has also served on the Minnesota governor's commission on aging, has

GOPHER TALES

By David Shama

Browsing through the University and Big Ten sports scene:

The Minneapolis and St. Paul Stadium Task Forces will issue a final report soon — perhaps even before you read this. The Task Forces, extensions of the Chambers of Commerce and listing many prominent business, labor and civic leaders among their members, have been studying five stadium alternatives in an effort to better accommodate the Twins, Vikings and Gophers.

Real Estate Research Corporation, which has offices in several cities including St. Paul, did a \$25,000 analysis on the pros and cons of remodeling and doming Memorial Stadium, remodeling and doming Metropolitan Stadium, building a open air football stadium, domed football stadium or multi-purpose domed stadium.

The report said Memorial Stadium would be used only 30.5 event (commercial) days a year. The remainder of the days would find the stadium occupied by the University. Therefore, Memorial Stadium had the lowest projected annual net income (\$1,250,000) of all the alternatives. The report further said Memorial Stadium had no chance to pay for itself, or generate a surplus of capital to pay off its bonds over a 30-year period.

Metropolitan Stadium was also given low marks as a potential money maker. Only the new stadiums are capable of generating a surplus over a 30-year period, according to the report. A multi-purpose stadium has the best chance of being a revenue producer, and could show a surplus of \$16,800,000 after 30 years.

Thus, it is strongly suspected the Task Forces will introduce into the Legislature a bill calling for state support of a multi-purpose stadium.

Harvey Mackay, a 1954 University graduate and chairman of the Minneapolis Task Force, told The Alumni News that no site recommendations will be made by his group.

"When location is discussed, need and priority are forgotten," Mackay said. "We will leave it up to elected officials to choose a site."

Many observers are guessing a new stadium will be located near the University. The West Bank, or the area between that site and downtown, are possibilities. Some stadium proponents feel there is a better chance of gaining Legislative aid if the facility is near the University. Quite possibly the stadium would be available to other parts of the University community besides the Gophers.

If Mackay and his men fail to push their plans through, look for the University to revive Memorial Stadium talk. A remodeled and domed Memorial Stadium would never generate great revenue because instead of staging pro sports, circuses, conventions, races and rodeos, it would be the home of physical education and intramural activities, and the Gophers. Is there anything wrong with that? . . .

Included in the "top 100 prospective events" for the multi-purpose dome is Gopher baseball. The idea isn't as goofy as it sounds. Judging by recent seasons, the Gophers might attract a few crowds superior to the Twins.

Coach Dick Siebert has a host of outstanding players returning from last year's Big Ten championship team. Minnesota will be after its third straight Big Ten title, a feat the Gophers accomplished in 1958-59-60, and 1968-69-70. . .

The present Gopher basketball team is closer to Bill Musselman's ideal than any previous squad he has had here. Translated: the Gophers are a tall, muscular team with intensity resembling a Kamikazie squadron.

The second place team in major conferences like the Big Ten is automatically eligible for the NCAA play-offs. Wonder if Musselman knows that?

Musselman claims he gets double-teamed by Indiana and Ohio State. Indiana coach Bob Knight and Ohio State coach Fred Taylor are quite close, and exchange information on the Gophers, according to Musselman. . .

Ken Austin, a 1948 graduate now living in Owatonna, Minn., where he is executive director of the Retail Farm Equipment Dealers Association, is a weekend pro hockey scout, and also president of the Midwest Junior Hockey League. Austin says Gopher coach Herb Brooks is the best young college coach in the nation. . .

The Gophers will get a big lift in their drive for a second consecutive national championship from forward Tom Younghans who became eligible winter quarter. . .

Former players and other friends will honor Murray Warmath at the Radisson South Hotel May 24. "The Murray Warmath Roast and Boast" was the collective brainchild of several ex-Gophers including Dick Larson and Bob McNamara. Tickets for the dinner and tribute are \$13. . .

Students, alumni and others lost a good friend when Blair Hanson, 24, passed away in December. Blair was working out on the high bars

Warren Hanson heads Slayton chapter

A 1961 College of Agriculture graduate, Warren Hanson, is the new president of the Slayton, Minn. chapter of the Minnesota Alumni Association.

Serving with him is vice president Dr. William Clauson and secretary-treasurer Mrs. Julies Keller.

Members of the board of directors also include assistant county agent Richard Estrum, Dennis Carlson, Courtney Tomeraasen, Mrs. Tom Webb and Mrs. Reuben Boxrude.

School of Nursing alumni have Board-Faculty Dinner

The School of Nursing Alumni Association board held its annual Board-Faculty Dinner the evening of January 21 in the University's Campus Club.

A number of the School's faculty were present to meet alumni board members and to share new information about the School and faculty research projects with them.

As Dean Isabel Harris is resigning as head of the School, effective June 30, to return to teaching, she was asked to comment on her resignation and the future of the School.

at Cooke Hall November 12 when he sustained a broken neck and damaged spinal cord. He was unconscious for over a month before he passed away.

Blair often came back to the University to help the undergraduate gymnasts. He was preparing for an alumni meet when his accident occurred. . .

Gymnastics coach Fred Roethlisberger, who has coached three straight winning teams, has an inexperienced team this year. Jeff LaFleur, all around performer, could be the best bet for Big Ten meet honors. . .

The indoor track outlook is for a second division finish, according to coach Roy Griak. Standouts include hurdler Steve Mahnke, miler John Purves (third in the conference indoor meet in 1974), and Andy Walker who has broken Colin in Anderson's school shot put mark, and is now after Anderson's Big Ten record of 62-feet, one and three-quarter inches. . .

Gopher wrestling has improved in recent seasons. Minnesota should place in the first division of the Big Ten, and 158-pounder Larry Zilverberg is a solid bet to make the NCAA meet. Last year Zilverberg finished second in the NCAA, and missed a national title by a referee's decision. . .

Swimming coach Bob Mowerson hopes the Gophers can make the first division. Minnesota is strongest in the distance freestyle events with Dan LeVasseur, Kirby Binder, Bill Stuart and Steve Thompson. . .

Women's athletics are also in full swing with several sports, including volleyball and basketball. Their schedules are available by calling the Physical Education department in Cooke Hall. . .

Gopher football coach Cal Stoll and his staff have signed one new player, 6-foot-5, 240-pound offensive lineman Dennis Fitzpatrick. Stoll said Fitzpatrick, 24, was recently released from the Army. Fitzpatrick, who attended the University of Rochester one year, will be a sophomore. . .

Stoll said the current crop of area high school prospects is the best in his four years at Minnesota. The statement takes on added credibility when one notes the unusually high number of big-name schools recruiting against the Gophers.

Perhaps the object of affection is Rochester John Marshall fullback Kent Kitzmann. Stoll said the 6-foot-2, 200-pound Kitzmann is an exceptionally strong runner.

Incidentally, Stoll's recruiting during the spring of 1973 drew the ire of Buckeye Coach Woody Hayes, according to the newly-published book *Buckeye* by Robert Vare. Woody was mad for two reasons. First, Stoll recruited so heavily and successfully in Michigan he drove the Wolverine staff into Ohio seeking some of Woody's prizes. Second, Stoll "pulled some cute ones" in his recruiting, according to the book.

Vare allegedly asked Hayes why he didn't report Stoll to the NCAA or Big Ten office for illegal recruiting. Hayes said he couldn't do that because "there's enough negative things being written now," and the other coaches would think "I was trying to run the league."

So what did Woody do? Vare reports that Hayes felt his only alternative was to "punish" the Gophers on the field in the opening game of the 1973 season.

Punish! Hell, it was more like murder. The Buckeyes ran Minnesota off the field — 56-7.

Stoll said he doesn't know if Vare's reports are true. "The few times I've ever been with Woody we've gotten along okay," he said. "I'm not very concerned about this. Minnesota doesn't cheat in its football recruiting. That's all I need to know."

Senator Walter Mondale to be guest speaker at Social Work meeting

Minnesota Senator Walter F. Mondale, well-known to social workers as an advocate of the people and sponsor of Day Care, Abused Child and Rights of Parents programs, will be the guest speaker at the School of Social Work Annual Meeting on Friday, February 14, at the Sheraton Ritz Hotel, Minneapolis.

After his presentation, Mondale will be available for a question and answer session.

This, the Ninth Annual Meeting of the School's alumni, will begin at 5:30 p.m. with a social hour, followed by dinner and the program at 6:30 p.m. in the Cotillion Room of the hotel. Tickets for the event are available at \$8.00 per person from the School of Social Work Alumni Association, 2610 University Avenue, St. Paul, Minnesota 55114, telephone (612) 373-2466.

Reservations should be made no later than February 12.

As part of its business meeting, the Social Work alumni will place in nomination the names of six individuals for the board of direc-

tors to be approved at the meeting. The nominees are Jim Abts of the Ramsey County Welfare department, Nancy Baltins of the Hennepin County Welfare department, Joyce Peltzer of Minneapolis' Lutheran Social Service, Steven Rood of Minneapolis' Community Health & Welfare Council, Father Ray Way of St. Paul's Bureau of Catholic Charities and Kathy Williams of Hennepin County Court Services.

Alumni representative meets with Liberal Arts dean

Betty Danielson, president of the School of Social Work Alumni Association, has met with Frank Sorauf, dean of the College of Liberal Arts, to discuss the current situation in the University's School of Social Work.

Shirley Buttrick has been named acting dean of the School and is an effective leader. However, the School still remains in a state of flux, and the Social Work Alumni Association hopes to have input into its development.

College of Liberal Arts & University College alumni announce Annual Meeting, hear Regent Sherburne

The College of Liberal Arts & University College Alumni Association will hold its Annual Meeting on April 24. Watch the April Alumni News for more news of this event.

At its November 1974 meeting the Liberal Arts & University College Alumni board meet with University Regent Neil Sherburne at an informal gathering.

Among other subjects, Sherburne discussed his position as an AFL-CIO lobbyist, the possibility of changing nine Regents during the current Legislative session, the Regents' decision-making policies and how they apply to the University administration, the importance of the College of Liberal Arts in the University's educational role, and the scope of the University of Minnesota.

He noted that the University's Board of Regents is not a "super" board in that it has responsibility only for the University of Minnesota and does not represent other colleges within the state, as does Wisconsin's Board of Regents does.

He talked about the University's College of Veterinary Medicine and how it has helped the Health Sciences develop its leadership in open heart surgery; he spoke about the organization of the University and its responsibility to other institutions of higher education in the state.

Sherburne, in noting the University aircraft which had caused so much controversy a few years ago, said that because the University has been able to fly professors to Rochester and the Duluth Medical Schools, it has received accreditation that might have been otherwise denied.

University President Magrath visits Sun City — Phoenix meeting

University President C. Peter Magrath and Mrs. Magrath, accompanied by MAA executive director Ed Haislet, attended a joint meeting of the Association's Sun City and Phoenix, Ariz. chapters on December 17 in Phoenix.

Forty-one members of the Sun City group, with their president, Waldo Hardell, joined a large Phoenix gathering.

Milton Wick acted as master of ceremonies for the joint meeting.

Haislet spoke to the group about the Association's two major programs, increasing membership and clarifying the position of the Association so it can be of better assistance to the University, before he introduced C. Peter Magrath.

President Magrath talked about why he came to the University and of his belief in the land-grant

philosophy of the institution. He answered questions from the group for about 20 minutes.

Three University of Minnesota Outstanding Achievement Award winners were present at the meeting: Willard C. Lighter, The Reverend Edwin T. Dahlberg and Mrs. Gladys Haugen.

New officers and several board members were also elected for the Phoenix chapter. Serving as president is Warren Silver. First vice president is George Livermore, second vice president Dr. Ray Pergeau, secretary Reuben Frank and treasurer Mrs. Marlys Livermore.

The Phoenix board includes all of its new officers and Jerry Lacher, Mrs. Barbara Hammargren, Max Lubet, George Kreutzer, an MAA regional director, and Milton I. Wick, immediate past president and an ex officio member.

International Women's Year programs scheduled at St. Paul Campus Center

A two-month series of programs, "Not For Women Only", at the University's St. Paul Student Center kicked-off campus activities for International Women's Year 1975. All programs are being held at noon in the North Star Ballroom.

The presentations opened in late January with a demonstration of self-defense for women and a discussion of career alternatives. A February 4th program on rape featured members of the State Rape Task Force and a member of the University police.

The February 11 presentation will deal with working relationships between men and

women. Jeanne Lupton, administrative assistant to President Magrath; Walter Bruning, vice president of administrative operations; and Gary Sheldon of the College of Agriculture will be present for this offering.

Minnesota Secretary of State Joan Grawe will discuss women in politics and the Equal Rights Amendment (ERA) on February 18, and on February 25, a panel of women representing various European countries will talk about careers in education.

Related International Women's Year activities at the St. Paul Student Center will include Ibsen's "A Doll's House" to be shown at 8:00 p.m. on February 5, and a March 1 noon program in the Coffeehouse by Minneapolis folk singer Becky Reimer. Admission for the Ibsen showing is \$1.00 and for Reimer, \$1.50.

Executive director visits Eau Claire and Madison, Wis. chapters in November

Minnesota Alumni Association executive director Ed Haislet visited the Eau Claire and Madison, Wis. chapters on November 21 and 22, respectively.

Approximately 65 alumni and friends of the University turned out for an evening meeting in Eau Claire. About half of these were former leaders and supporters of the chapter, and the others new faces. Among the old stalwarts present were John Furong, Jack Stromwell, Manley Monson, Stu Wilson, Jerry Jacques and John Carroll.

Mrs. Phyllis Mackenzie, the presi-

dent, presided over the meeting which saw four new board members appointed.

Haislet spoke to the gathering about the University's growth and problems, and fielded questions about athletics and the new University president.

The next evening the executive director met with Madison chapter representatives at the Sheraton-Madison Hotel.

Al Paulson was elected president of that chapter, to serve for a two-year term, and Byron Rasmussen and Bob Martin were elected vice president and treasurer, respectively.

Dental School promotes two

The University's School of Dentistry has promoted two key faculty members: Dr. James R. Jensen, professor and chairman of endodontics, has become associate dean for academic affairs, and Dr. Carl L. Bandt, professor of periodontology, an assistant dean. Dr. Bandt also continues as director of clinical systems development.

Both men are graduates of the University of Minnesota School of Dentistry and both earned master's degrees in their specialties.

Dr. Jensen, 52, has been on the University faculty since 1948. He is a diplomat of the American Board of Endodontics and active in state and national professional organizations. A consultant to the World Health and Pan American Organizations, he is also a team leader for the U.S. Agency for International Development's "Project Vietnam".

Dr. Bandt, 36, has been on the faculty since 1966. He was named Professor of the Year in 1972 by the Dental School's Century Club. Bandt is vice president of the Beta Beta chapter of Omicron Kappa Upsilon, and secretary-treasurer of the Minnesota section of the International Association of Dental Research.



Dr. Bandt



Dr. Jensen

Renowned graduate serving as head of International Society of Soil Scientists

Dr. C. Fred Bentley '42MS '45PhD, a professor in the University of Alberta's (Edmonton, Canada) department of soil sciences, who is concerned primarily with agricultural education, research and extension, and involved in programs expanding food production in developing nations, is currently serving as president of the International Society of Soil Scientists.

In an address on assuming his presidency, Dr. Bentley is quoted as saying:

"... As soil scientists we have a professional responsibility to do our part in the endeavor to increase food production so that mankind may be adequately and, hopefully, better nourished in the future. Our task is two-pronged. We must try to maintain or enhance our productivity of the lands now in production. Simultaneously, we must seek methods to render practically productive the generally inferior soils not yet developed."

"Another heavy obligation is involved in these tasks: we must be careful to maintain practical realism when we make pronouncements about the potentials of applied soil science for increasing food production. What is technically possible may be practically impossible . . ."

"I therefore contend that we must be very careful to avoid raising unrealistic hopes regarding what applied soil science can contribute to increased food production. Yet we must apply our talents most diligently to that end."

A member of the University of Alberta faculty since 1946 and dean of the Faculty of Agriculture from 1959-68, he has also served

on the faculties of the Universities of Minnesota and Saskatchewan.

He is a member of the board of governors and executive committee of the International Development Research Center; a member and chairman of the governing board of the International Crops Research Institute for the Semi-Arid Tropics, Hyderabad, India; and a fellow, member and past president of the Canadian Society of Soil Science.

In 1961 the University of Minnesota presented him with its Outstanding Achievement Award.

Athletic Ticket office announces new basketball ticket policy

Beginning February 5 with the sale of general admission tickets for the Ohio State home basketball game scheduled for February 8, the University of Minnesota Ticket office limited the number of tickets purchased to four per customer.

This new policy was instituted because of the increased demand for general admission tickets and is an effort to accommodate as many Gopher fans at home games as possible.

General admission tickets go on sale at the Bierman Building Ticket office on the Minneapolis campus the Monday before each home basketball game. Ticket office hours are 9 a.m. to 4 p.m. daily, and 9 a.m. to noon Saturdays. Call 373-3181 for further information.

At the University Gallery

Richard Serrin portrays the artist as an old master

From January 30 through March 14 the University Gallery is featuring an exhibition of paintings, drawings and graphics by Richard Serrin, a young contemporary artist whose works resemble old masters rather than those of any of the modern movements in art.

Serrin, brother of James Serrin, University Regents' Professor of Mathematics, studied at Cranbrook Academy of Art from 1950-53, and after extensive travel in Mexico and Europe, settled in Florence where he has lived since 1966. Presently in Minneapolis for at least one year, Serrin has been given a studio in the basement of St. John's Lutheran Church (49th and Nicollet) where he is working on four monumental biblical compositions of *The Last Supper*, *Christ Before Pilate*, *The Crucifixion*, and *The Ascension and Last Judgment*, apparently commissioned by the church.

Although many of Serrin's portraits use a rich palette and technique similar to that of Rembrandt, they certainly can not be considered weakly derivative. In fact, Serrin while admitting the influence of Rembrandt and Vermeer, feels he is dealing with reality in the only manner which is possible for him and believes he is offering an alternative to modern art by presenting works which focus on thematic content. His art, therefore, is ultimately based on a firm conviction that assimilation of the great lessons of the past is absolutely essential to the creative process and that craftsmanship, a value which has been almost totally ignored by modern artists, is as artisti-



AUDI, by Richard Serrin, is among this artist's paintings, drawings and graphics on exhibition at the University Gallery until March 14.

cally viable as innovation has been for artists in the mainstream of contemporary art.

In the final analysis, Serrin's absorption of the principles of the old masters has resulted in works of undoubted originality which are worthy of serious consideration by viewer and critic alike.

with special emphasis on the Twin Cities area, great weather events such as the Armistice Day blizzard and the 1974 early freeze, and special sections on windchill charts, the Beaufort Scale, sun charts, soil temperatures, late frost and high altitude temperature charts.

Earl L. Kuehnast, Minnesota State climatologist, calls the book "a long-needed history of Minnesota and environs weather with many detailed charts and tables.

"It's useful for everybody."

The 1975 Weather Almanac, a two-color perfect-bound book with varnished cover, is available for \$2.95 plus 4% tax for Minnesota residents from the Freshwater Biological Research Foundation, Box 90, Navarre, Minnesota 55392.

All profits from the book go to the Freshwater Biological Research Foundation.

THE MINNESOTA RING

OFFICIAL ALUMNI RING

Selected by the Board of Directors of the Minnesota Alumni Association as the official ring.

A handsome 10K gold ring set with a maroon synthetic garnet and decorated on one side with the University Seal, the Golden Gopher, the Minnesota "M" and your graduation date. On the other side, the University Side, you can display your college, degree and year of graduation.

Choose from these colleges:

- Medicine
- Dentistry
- Law
- Business
- Engineering
- Nursing
- Veterinary Medicine
- Letters & Sciences
- Arts & Sciences
- Universal

Currently closed back Men's Rings, Women's Dinner Rings and the Women's Miniature are available.

Due to fluctuating gold prices, we are unable to quote an exact price on the rings. A regular men's ring may be as high as \$90.00. Please write the Minnesota Alumni Association, at 2610 University Avenue, St. Paul, Minnesota 55114, for complete details on options and prices.

Around & about the Minnesota Alumni

Dentistry

51 Dr. Burton F. Bakke '51DDS, Silver Spring, Md., has been named Dental Field coordinator for the Veterans Administration in Washington, D.C. He is responsible for the supervisory evaluation of dental activities in 51 VA facilities located in 13 states in northeastern United States. Previously Bakke was chief of the Dental Service in the Washington, D.C. VA hospital, a post he had held since 1967. He will remain on the faculty as associate professor at Howard University's College of Medicine.

58 Dr. James McDowell '58DDS, Scottsdale, Ariz., has invented a coding device that would make quicker dental identification of bodies available to law enforcement agencies. His device, "about the size of a pin head", can code dentist's Social Security numbers on the dental work they do in patients' mouths. Law enforcement agencies identification of unidentified bodies by their teeth is difficult because of the mobility of the population and because the dentist needed for an identification could be dead or the unidentified body's dental records destroyed. Dr. McDowell's code could be easily read and a law enforcement agency would know from the code the exact location of the dentist who did a victim's dental work, and identification of a body could be done quickly. McDowell has practiced in Scottsdale for 16 years.



Petryk



Shew



Howe



Farwell



Christiansen



Gerk

gineer for the missiles and space industry for many years, has been elected to membership in the Ripon College (Ripon, Wis.) chapter of Phi Beta Kappa, prestigious scholastic national honorary society. A 1932 honor graduate of Ripon, McDonald has been employed by the Lockheed Missiles & Space Company since 1957. Previously he had worked for 20 years with Dow Chemical Company where he received the Willard H. Dow Award for research in magnesium. He holds more than 50 patents and has published over 20 technical papers, as well as presented numerous lectures to professional groups, at conferences, colleges and universities.

44 Hicks B. Waldron, Jr. '44BS, West Hartford, Conn., has been elected to the board of directors of Connecticut General Life Insurance Company. He is president and chief operating officer of Heublein, Inc., a post he assumed in 1973 after spending a number of years with General Electric. He joined GE in 1946 and rose through several levels of management leading to his appointment as a vice president in 1970. A year later he was named group executive for consumer products.

41 Kenneth J. Carlson '41BEE, Pepper Pike, Ohio, is the president and chief executive officer of the Picker Corporation, the Cleveland-based subsidiary of C.I.T. Financial Corporation. He joined Picker in 1968 as vice president and general manager of its X-ray Manufacturing division. In May 1973 he was elected an executive vice president. Previously he had been employed in Detroit, Mich., as vice president and general manager of the Cox Instrument division of the Lynch Corporation.

44 Conway C. Burton '44BChemE, president of Chicago Testing Laboratory, Inc., of Northbrook, Ill., has been elected president of the American Council of Independent Laboratories, Inc. He has held engineering positions with Standard Oil of Indiana and the American Bitumuls Company before joining Chicago Testing in 1955 as vice president. Eight years later he was elected president of the laboratory and its subsidiary Chicago Paper Testing Laboratory.

50 Richard J. Howe '50BME '51MSME '53PhD, currently public relations manager of Exxon USA, joined Exxon as a supervisor of drilling research at one of its affiliates. Following production and drilling work at other Exxon affiliates, with time out for a year's study as a Sloan Fellow at MIT, Howe transferred to Exxon's East Texas division as an assistant manager and became, successively, planning manager of the Supply department and coordinator of Energy Policy development. He joined the company's Public Affairs department as manager of Energy Communications Projects in 1974 and was named public relations manager that same year.

Dr. Joseph T. Ling '50MSCivE '52PhD, St. Paul, is serving as 3M Company's first vice president of environmental engineering and pollution control. A nationally-known authority in the field of industrial pollution control, Ling joined 3M in 1960. He is a member of the President's Air Quality Advisory board and serves on numerous professional and industrial environmental committees. In Congressional testimony, he was one of the first persons to stress the need for consideration of total environment impact as the Committee on Public Works of the U.S. House of Representatives conducted its 1971 hearings on the effects of the Federal Water Pollution Control Act Amendments of 1972.

53 Richard B. Archie '53BME, Hammond, Ind., is the superintendent of central shops in the maintenance and utility division at Youngstown Sheet & Tube Company's Indiana Harbor Works. Previ-



Bjeldanes



Shamblott



K. J. Carlson



Norin

ously he was employed by Minneapolis-Moline, Northern States Power Company and Inland Steel.

54 Warren E. Farwell '54AeroE, La Crescent, Minn., is serving as manager of CenTraVac sales for The Trane Company of La Crosse, Wis. He has held a number of management positions with the company, most recently as manager of absorption sales.

59 Robert W. Jorgensen '59BS '61MSMechE, La Crosse, Wis., is currently manager of quality control for The Trane Company's La Crosse manufacturing facilities. He joined Trane in 1961 and since has held several major departmental assignments.

Frederic A. Mase '59BCivE is the director of contract and procurement for AMSCO Systems Company, a division of AMSCO/American Sterilizer Company, Erie, Penn. He joined Amso Systems from Coming Glass Works where he had served for ten years in various purchasing capacities.

60 Mitchell N. Bjeldanes '60BS has joined the consulting engineering firm of Black & Veatch, Kansas City, Mo., as a member of project management for nuclear power plant design projects. Previously he was associated with Northern States Power Company in nuclear power activities.

Louis G. Shew '60BME, La Crosse, Wis., is works manager of the La Crosse operations for the Commercial Air Conditioning division of The Trane Company. Since he joined the company in 1960 in manufacturing engineering, he has held numerous management positions, most recently as plant manager of the Lexington facility.

62 Steven J. Shamblott '62BEE, Edina, Minn., is serving as vice president of original equipment manufacturers (OEM's) sales for Data 100, Minneapolis. He joined the company shortly after it was formed in 1968 as director of European market development. His most recent position was general manager of marketing support. He was formerly associated with Control Data.

63 Danforth G. Bodien '63BS '64MSCE, Seattle, Wash., has received the U.S. Environmental Protection Agency's Bronze Medal for Commendable Service. He was recognized as a national expert in industrial waste treatment and as having been instrumental in evolving the effluent limitation philosophy. "His uniquely varied talents have re-



Mase



Burton

sulted in technical excellence of the permit program in the Pacific Northwest," his citation read.

64 Captain Russell V. Christiansen '64BCivE, White Bear Lake, Minn., has received his second USAF Commendation Medal, this one for meritorious service at Osan Air Base, Republic of Korea. A civil engineering officer, he is serving with a unit of the Air Training Command at Sheppard Air Force Base, Texas.

Captain Gerald J. Dittberner '64BEE, another former White Bear Lake, Minn. resident, also received the USAF Commendation Medal. He was cited for his service as a weather officer with the Air Force Global Weather Central at Offutt Air Force Base, Neb. He is currently at the University of Wisconsin studying for his PhD under the Air Force Institute of Technology education program there.

65 USAF Major Michael F. Carpenter '65BAeroE, Minneapolis, recently attended the Armed Forces Staff College at Norfolk, Va. He earned an MS degree in 1971 from the University of Missouri at Rolla.

67 Charles A. Farrell, Jr. '67MSAeroE, Medina, Ohio, has had his economic guide, *A Consumer's Basic Guide to the Cost of Borrowing Money* published by Exposition Press of New York in January. The book offers a method of estimating the actual cost of every type of credit available to the consumer by using simple mathematical formulas. The author emphasizes that money, as economists and businessmen know it, is a commodity as are food and clothing; that when we borrow money, we borrow time. Farrell compares renting to buying, and tells us when to finance. After graduating from the University of Minnesota, Farrell was commissioned a second lieutenant in the USAF and left the service as a captain to join NASA at the Lewis Research Center in Ohio where he is presently employed.

71 Arne E. Helm '71BS(ComputerSci), has been commissioned a second lieutenant in the USAF and is at Offutt Air Force Base, Neb., for duty as a computer systems officer with the Strategic Air Command.

Second Lieutenant Wayne H. Kallestad '71BS(Math) has been awarded his silver wings and is serving aboard a KC-135 Stratolifter aircraft at Kadena Air Base, Okinawa, with the Strategic Air Command.

72 Wally Johnson '72BArch, St. Paul, is an architectural engineer in the Engineering department of the Manufacturing division of Economics Laboratory, Inc., St. Paul. He was previously employed by Techpower, Inc. of Minneapolis.

73 Navy Ensign James R. Reisdorfer '73BME has returned to Charleston, S.C., aboard the destroyer escort *USS Bowen* after deployment to the Mediterranean. During the cruise he participated in training exercises as part of the U.S. Sixth Fleet and visited ports in Spain, Italy, Sicily, France and Morocco.

74 Navy Ensign James J. Dyson '74BME, Arlington, Va., has soloed in a Navy aircraft at Pensacola, Fla. He is training to become a Navy Aviator.

James H. Harris '74BS has been commissioned a Marine Second Lieutenant upon graduation from Officer Candidate School at the Marine Corps Base, Quantico, Va.

Navy Ensign Lucius O. Taylor, Jr. '74BAeroE has completed Environmental Indoctrination School at Pensacola, Fla., leading to designation as a Naval Aviator.

Randall D. Ward '74BME, Minneapolis, has begun basic flight training at the Naval Air Station, Pensacola, Fla. He joined the Navy in January 1974.

Journalism

34 J. H. Smith '34BA, Evanston, Ill., is director of publications for the Chicago Transit Authority's Public Affairs department. A veteran journalist, he was recently associated with a Chicago-based public relations firm and served as director of public relations and publications for Northwestern University from 1968-71. He also has been associated with *U.S. News & World Report*.

68 Carol James '68BA, managing editor of Midland Cooperatives, Minneapolis, received the Best of Class News Writing Award at the 21st Annual Meeting of the Cooperative Editorial Association (CEA) in 1974. She was also re-elected secretary of CEA at that meeting.

Medicine

39 Dr. Stephen N. Preston '36BS '39MD, Ann Arbor, Mich., is serving as vice president for medical affairs of the research and development division of Parke, Davis & Company. He joined the company in 1969 as associate director of clinical investigation. Earlier he had spent three years with Hoffman-LaRoche, Inc., as assistant medical director, and from 1942-1965 was in private practice in obstetrics and gynecology in Missoula, Mont.

67 Dr. Sarah A. Nunneley '67MD, Buffalo, N.Y., is currently working in a unique environmental physiology laboratory at the State University of New York-Buffalo (SUNYAB) to find out if exercise will improve man's ability to withstand the stress of acceleration. She is taking a close look at man's cardiovascular reflexes — the mechanisms by which the human body normally defends itself against the effects of acceleration and gravity. Although she is interested in normal man and his environment, which now includes space travel, she hopes her findings will also help patients whose problems arise from an inability to handle the normal stress of gravity. Dr. Nunneley is a former flyer who trained as a flight surgeon at NASA's Flight Research Center in the Mojave Desert before joining the SUNYAB staff three years ago. She completed a residency in aerospace medicine at Ohio State University.

Institute of Technology

34 Dr. John C. McDonald '34MA '36PhD (Physics), Carmel Valley, Calif., a consulting en-



Bakke



Thompson



Pokela



Archie



Ling



Alm



Nunneley



Carlson



Larkin



Jorgensen



Dyson



Edson



Kallestad



Lehman

Education

42 Richard S. Alm '42EDD, a professor of education at the University of Hawaii, Honolulu, received the Distinguished Service Award of the National Council of Teachers of English (NOTE) in late 1974. The award is given to persons who render exemplary service to the Council and the English-teaching profession at large, and who have demonstrated excellence in teaching, writing and scholarship. Alm edited *English Journal*, the official journal of the Secondary Section of NCTE for nine years, and in the last year of his editorship received the *Media & Methods Maxi Award* for excellence. Also a prolific author, he has served NCTE on a number of important commissions and as a consultant of numerous advisory boards.

50 Dr. Frank G. Edson '50BSEd, Liberty, Mo., was one of seven William Jewell College alumni honored in late November. Edson, who retired last spring as chairman of the department and professor of chemistry at William Jewell, served on the faculty there for 45 years, from 1929-1974. Cited as the "epitome of all that is good in a William Jewell College education," he is called a careful scholar and a demanding teacher who built the department of chemistry into the front ranks of undergraduate programs in that discipline.

59 Keith O. Anderson '59BSEd is an associate professor of German at The Pennsylvania State University, University Park, Penn. The author of *Deutsch unserer Zeit*, he was formerly an assistant professor at Southern Illinois University and the University of Colorado.

Dr. Inga Kromann Kelly '59EDD, who also re-

ceived her bachelor's and master's degree from Minnesota, was the co-author of "Super He, Super She, Are your stereotypes showing?", an article which appeared in the December 1974 issue of *Instructor*. Kelly is an associate professor of education at Washington State University, Pullman.

64 Ronald L. Lehman '64BSED '69MSED, park and recreation director of the City of New Hope, Minnesota, recently received the National Gold Medal for Excellence in the Field of Park and Recreation management from the Sports Foundation, Inc. Lehman and his department were cited for repeated passage of bond issues, indicating strong public support for their year-round programming. Lehman also received the 1974 Jack Niles Award, honoring him as the "Distinguished Young Re-creator" in Minnesota.

Agriculture

23 Wilbur Korfage '23BSAg, a beloved clergyman both in Minnesota and California, was recently cited, with his wife Gladys, by a special commendation printed in the California Legislature's Assembly Daily Journal. Fifteen years ago, at age 60, Korfage accepted a position as Legislative Advocate for the California Council of Alcohol Problems. Five years later he became Legislative Information Director for the American Council of Alcohol Problems, serving in Washington, D.C. and Sacramento, Calif.

46 Owen K. Hallberg '47BSAg, president of the American Institute of Cooperation, Washington,

D.C., received the Cooperative Editorial Association's 1974 Klinefelter Award for editorial excellence and leadership in communications. Formerly the director of member and public relations for Land O'Lakes, he assumed his new post about a year and a half ago. He has been with cooperatives all of his working life.

57 William S. Teter '57PhD is the nutritionist in charge of swine research and swine feed formulation in ConAgra's Feed division, Omaha, Neb. He joined the company in 1972 as director of technical services, Equine and Pet Products division. Previously he was associated with Commercial Solvents Corporation, Swift & Company, Peter Hand Foundation and Falston Purina Co.

62 Jerry L. Zeller '62BSAg, High Point, N.C., is Ciba-Geigy Corporation's marketing planning specialist for soybeans in the Greenboro, N.C. Agricultural division. He joined Ciba-Geigy in 1965 as a field sales representative after teaching agriculture in Freeborn, Minn.

70 James Baumgartner '70BSAg is manager of the Oscar Mayer & Co. livestock marketing center in Esmond, Ill. He has been assistant manager of the Esmond station since September 1971.

74 Navy Ensign James D. Petryk '74BSAg, White Bear Lake, Minn., has soloed in a Navy aircraft at Pensacola, Fla., a major step towards becoming a Navy Aviator.

General College

55 James E. Settergren '55AA, Duluth, Minn., a

McQuay-Perfex, Inc. He was previously with Spray Tech Corporation of Minneapolis as vice president of consumer sales.

59 Navy Lieutenant Commander Stanley P. Thompson '59BBA, Faribault, Minn., has reported for duty at the Naval Air Station, Fallon, Nev.

61 David M. Pokela '61BBA, Deerfield, Ill., is a general sales manager with A. B. Dick Company. He formerly was affiliated with Xerox Corporation and the Mobil Oil Corporation.

62 Navy Lieutenant Jeffrey P. Szalapski '62BSB, St. Paul, is attending the U.S. Naval War College in Newport, R.I.

63 Anthony R. Ozark '63BBS '74MBA, Portage, Mich., was recently appointed marketing systems specialist with the Upjohn Company, Kalamazoo, Mich.

70 First Lieutenant Ronald L. Piri '70BSB, Menasha, Minn., has received a regular commission in the USAF. He is serving with a missile combat crew commander at Malmstrom Air Force Base, Mont.

Soren Shambrott '70BBA, Golden Valley, Minn., is sales supervisor with Feinberg Distributing Company. He was formerly a territory salesman with the company.

71 Chuck Woodbury '71BBA, St. Paul, is a Regional Material Control supervisor in Economics Laboratory's Inventory Management Services department. He was previously employed by Baxter Laboratories, Inc., of Illinois.

73 Richard B. Gerk '73, Richfield, Minn., is a sales representative with Wyeth Laboratories, Radnor, Pa. He was previously associated with the City of Richfield.

74 Timothy K. Swenson '74BSB has joined A. H. Robins Company, Richmond, Va., as a medical service representative. He is assigned to the company's Northern division in the Bloomington, Minn. area.

Graduate

46 Two first cousins of Norwegian ancestry are top leaders in two of the three major Lutheran bodies in the United States. Dr. Jacob A.O. (Jack) Preus '46MA '56PhD is president of the 2.9 million-member Lutheran Church-Missouri Synod headquartered in St. Louis, Mo. And Dr. David W. Preus '46-'63 is president of the 2.5 million-member American Lutheran Church (ALC) headquartered in Minneapolis.

60 Norman J. Norton '60MS '63PhD is serving as chairman of the department of biology at Ball State University, Muncie, Ind., for a five-year term. Previously he was a professor of biology at Hope College and winner of its 1969 Outstanding Teacher Educator Award.

64 Sheldon W. Simon '58BA '64PhD, currently a professor of political science at the University of Kentucky, Lexington, Ky., has published two books in the past two years: *War and Politics in Cambodia* with Duke Press in 1974, and *Asian Neutrality And U.S. Policy* with American Enterprise Institute for Public Policy Research in 1975. He has also contributed to chapters in three other books on Asian international politics, as well as published two professional journal articles in *Pacific Affairs* and *Orbis*. During the spring and summer of 1973 Simon traveled extensively throughout Asia as a lecturer for the United States Information Service. In the fall of 1975 he will leave Kentucky, after nine years on its faculty, to become professor and chairman of the department of political science at Arizona State University in Tempe.

73 William A. Curtis '69BS '73MA has been elected president of the Volksfest Association of Minnesota, Inc. He is a professor of speech at the St. Paul Seminary after spending 15 years as director of public relations for the Theodore Hamm Brewing Company. He is a past president of the St. Paul Winter Carnival Association, Family Service of St. Paul, the Kiwanis Club of St. Paul, the St. Paul Sierra Club and the Lincoln Club. He is a former vice president of the Minneapolis Aquatennial Association.

Health Sciences

71 USAF Major Bobby R. Jones '71MPH has received the USAF Commendation Medal for meritorious service as a veterinarian staff officer at the Air Force Services Office, Philadelphia. The major currently serves at Carswell Air Force Base, Texas, as chief of the Veterinary Medical Services.

College of Liberal Arts

30 Marchette Chute '30BA, New York City, famed literary historian, has been elected to the American Academy of Arts and Letters, bringing the total number of women in the Academy to eight. She occupies Chair 13, last held by architect Louis I. Kahn. She is best known for her biographies of Chaucer, Shakespeare and Ben Jonson, "which unite scrupulous scholarship with imaginative understanding." She has also written on religious philosophy, history and many books for children, the latest being *The Green Tree of Democracy*. She has served as president of the American Center of P.E.N. and was one of the founders of the National Book Committee. The recipient of many awards and honors for her writing as well as her services to literature, her grandfather, Richard Chute, was active in establishing the University of Minnesota.

74 Jerold Napier '74BS, Crystal, Minn., is among 40 medical students who make up the third class in the Mayo Medical School, Rochester, Minn.

72 Marine Corporal Harlan W. George, Jr. '72Ag, Minneapolis, has reported for duty at the Marine Corps Air Station, Cherry Point, N.C.

Biological Sciences

74 Earl E. Soder '44BSB, a top executive in the nationally-known auditing firm of Arthur Andersen & Company, is serving as superintendent of the Illinois State Fair on a temporary basis. He has been associated with the Andersen firm for 30 years.

50 Wayne L. Norin '50BBA has been elected a corporate vice president of Powers Regulator Company, Skokie, Ill. A 23-year employee of the firm, he headed the Control Systems Development division at his election.

58 Jack B. Feeney '58BBA is manager of the Crystal Tips division of the McQuay group of



Roy M. Svee then, front row, center, as president of the Minnesota Sigma Delta Pi chapter.



Roy M. Svee today, as Boreas Rex XXXVIII for the St. Paul Winter Carnival.



Suttinger

marketing representative with The Hartford Insurance Company's Duluth office, recently completed a seminar at the company's advancement center.

57 Roger O. Thompson '57AA, St. Paul, a member of the sales force of Liquid Carbonic, St. Paul, has been named Prime Minister of the 1975 Saint Paul Winter Carnival. He will coordinate the Carnival's new King Boreas in appearance arrangements and in the presentations of Boreas' Royal Family during official functions. Thompson's work in civic activities earned him St. Paul's Outstanding Young Man of the Year award in 1960. Both he and his wife have been active in the Winter Carnival for several years.

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Business Administration

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J. H. Smith

Zeller



Waldron

R. A. Brown

Enroth



COLONEL WILLIAM F. HESSER received the Legion of Merit from Major General H. B. Gibson, Jr., in ceremonies at Hqs, U.S. Theater Army Support Command, Europe in Worms, Germany. He received the medal before retiring after 32 years of Army service.

37 Dick Enroth '37-'40, Eden Prairie, Minn., well-known Twin Cities TV and radio broadcasting personality, was named Commodore of the 1975 Minneapolis Aquatennial celebration in late 1974. Enroth has been in broadcasting for over 37 years, most recently with WCCO radio and TV. Following a bid for the U.S. House of Representatives from Minnesota's fifth Congressional District, he became vice president and business development manager for a recreational and residential development called "The Lakes" near Tempe, Ariz. He is now assistant to the president of Carlson Properties, Inc.

41 Raphael B. Levine '41BA '50MA '51PhD is currently a clinical associate professor of preventive medicine and community health in Emory University's division of allied health professions.

42 Leonard A. Lecht '42BA, presently director of Priorities Analysis Research of the National Planning Association in Washington, D.C., recently had his book, *Dollars For National Goals: Looking Ahead To 1980*, published by John Wiley & Sons, New York. He received his PhD in economics from Columbia University in 1953.

57 Colonel William F. Hesser '57BA '59MA, Phoenixville, Penn., retired from the Army in August 1974 after 32 years of service. At special ceremonies he received his third award of Legion of Merit, the Army's second highest peacetime decoration. He spent his last five years in Worms, Germany, with Headquarters, U.S. Theater Army Support Command, Europe, serving first as Deputy Chief of Staff for Personnel and later as Chief of Staff of the largest logistical command in the Army.

59 Richard A. Brown '59BA, Scottsdale, Ariz., is marketing communications manager for Honeywell's Process Control division in Phoenix, Ariz. He had been advertising and sales promotion assistant for the firm's Commercial division in Minneapolis.

60 Marine Major Richard K. Thompson '60BA has completed a tour of duty as commanding officer of Marine Medium Helicopter Squadron 264 at the New River Marine Corps Air Station, Jacksonville, S.C.

66 Wade W. Larkin, Jr. '66BA, Minneapolis, is an assistant vice president of Northwestern Bank Southwest, Bloomington, Minn. Previously he worked in personnel at Northwestern National Bank of Minneapolis and the St. Paul Companies.

Margaret Wiklund '66BA, Oakdale, Minn., has joined Economics Laboratory, Inc.'s (EL) Employee Relations department as an employment representative. Earlier she had spent three years with statewide economics opportunity programs for the Minnesota State Employment Services and on temporary assignment at EL in Employee Relations.

68 Ronaele J. Sayre '68BA, Minneapolis, recently joined the University of Minnesota News Service on the Minneapolis campus. She previously served as a reporter for the *Grand Forks Herald* in Grand Forks, N.D.

69 Michael J. Carlson '69BA, Minneapolis, is quality control supervisor at Pako Photo, Minneapolis.

Coast Guard Seaman Jeffrey R. Hinmon '69-'73 recently enlisted in the Coast Guard and is undergoing recruit training at Alameda, Calif.

70 Navy Seaman Russell H. Nelson '70-'71, Minneapolis, has left his San Diego base and is on a cruise in the western Pacific as a crewmember of the amphibious command and control ship *USS Blue Ridge*. He is participating in training exercises as part of the U.S. Seventh Fleet in the Far East.

71 John P. Driscoll '71BA, State College, Pa., has received a master's degree in art history from Penn State University.

73 Navy Ensign William P. Cassada '73BA was designated a Naval Aviator after more than a year of intensive ground and inflight helicopter training at Naval Air Station, Pensacola, Fla.

Midshipman Michael F. Suttinger '73-'74, Manor, Penn., recently participated in a training cruise aboard the attack aircraft carrier *USS Midway*. The carrier's home port is Yokosuka, Japan.

Darryl S. Chutka '74BA, San Jose, Calif., has joined 40 other medical students who make up the third class at Mayo Medical School in Rochester, Minn.

Navy Ensign Tracy V. Drake '74BA, Richwood, Ohio, recently graduated from the Naval Justice School, Newport, R.I., and is on duty aboard the destroyer *USS William G. Wood*.

Michael Lano '74, Chaska, Minn., and Paul Scanlon '74, Rochester, Minn., are also members of the third class at Mayo Medical School in Rochester, Minn.

Law

41 Irving S. Shapiro '41LLB, Wilmington, Del., chairman and chief executive officer of E. I. du Pont de Nemours & Company, has been elected to the board of directors of International Business Machines Corporation, Armonk, N.Y. Shapiro, who joined du Pont in 1951, was assistant general counsel from 1965 until 1970 when he became a director, senior vice president and a member of the executive committee. He was named vice chairman of the du Pont board in 1973 and its chairman on January 1, 1974.

67 David B. Anderson '64BA '67JD, Highland Park, Ill., has been appointed to American Hospital



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Supply Corporation's legal staff as general counsel for the corporation's international group. He joined AHSC in 1972 as an assistant international attorney. Anderson was previously employed as supervisor of employee relations of Continental Can Co.

Home Economics

35 Charlotte M. Young '35BSHE, renowned in the field of human nutrition throughout the United States, Central and South America, has retired and been named professor of medical nutrition, emeritus, by Cornell University's (Ithaca, N.Y.) board of trustees. Professor Young joined the Cornell faculty in 1942 as the first full-time faculty member of the then newly established School of Nutrition. Since that time she has carried a triple appointment in the Graduate School of Nutrition, the New York State College of Human Ecology and the University Health Services. Professor Young has published more than 130 articles and has made major contributions to developing nutrition programs in both Central and South America. She is particularly proud of her extensive participation in seminars, institutes and workshops for nutrition educators throughout the United States, Canada and parts of Europe. She has received the University of Minnesota's Outstanding Achievement Award for her professional achievements.

Colorado engineer receives Construction Management award from national group



Joseph C. Kellogg '51BCivE, president of the Kellogg Corporation, Littleton, Colo., received the 1974 Construction Management Award from the American Society of Civil Engineers in late 1974.

He was cited for "his work in management audits, estimating procedures and systems, and time and cost control systems." His corporation's principal business activities relate to the management, under contract, of specific projects for clients wishing to attain specific objectives with an agreed time and cost framework.

During his college years, Kellogg spent his summers in engineering-related positions, working as a time keeper and equipment operator on a highway project, as party chief for the company that established the D.E.W. line stations in remote locations in Alaska, as an iron-worker and labor foreman on the construction of the Anchorage (Alaska) airport and as a labor foreman on an airport paving project.

After graduation from Minnesota, he began a career with the Al Johnson Construction Company in Minneapolis that would span 19 years. He started as a field engineer and later became office engineer on the St. Anthony Lock & Falls project. In subsequent years he worked as a field engineer, assisting the general superintendent on Alcoa's Rockdale Smelting works in Texas; as a project engineer on the Whiteside Mines, an open pit stripping operation for Oliver Mining in Buhl, Minn.; and as project engineer, then superintendent and assistant project manager on five Ohio Turnpike projects.

He was assigned to Al Johnson Company's home office engineering and estimating department in 1956 and was appointed the company's chief engineer in 1958. In 1964 he became vice president, engineering, and a member of the board of directors, and three years later, vice president and general manager of the Western division.

He left the Al Johnson Company in 1969 to form his own corporation.

Kellogg has been granted many awards and published numerous articles in his field.



ROBERT L. HUBBELL '41, left, received the special medal signifying his membership in the prestigious Garfield Society of Hiram College from the president of that college this October.

Nationally-known economic consultant honored by Hiram College in October

Robert L. Hubbell '41, Falls Church, Va., an economic consultant, was honored in late 1974 when he was inducted into The Garfield Society of Hiram College, Hiram, Ohio.

A concept unique to educational institutions, The Garfield Society was formed to recognize those outstanding individuals whose careers and public lives have demonstrated outstanding dedication to the welfare of humanity, their nation and their respective communities. The Society was named after the twentieth president of the United States, James A. Garfield, a former student and teacher at Hiram who served as the college's president from 1857-1863.

Hiram does not give honorary degrees.

At his induction Hubbell received the following citation:

Director of Program Evaluation (retired) for the Foreign Service Reserve and currently an economic consultant, Robert L. Hubbell charted an outstanding career in

government service and international affairs. A 1940 graduate of Hiram College, he studied public administration at the University of Minnesota, served an internship with the National Institute of Public Affairs, and later received a master of arts degree from Harvard University.

He began his public service career as a fiscal economist in the Bureau of Budget, and he subsequently held assignments with the White House and General MacArthur's Headquarters in Japan. Following stints as the deputy director of U.S. Agency for International Development mission to Greece and Afghanistan, he was honored with selection for the 1968 Senior Seminar on Foreign Policy and was thereafter named deputy director of program evaluation for foreign aid. Active in civic and church affairs in his home community of Falls Church, Virginia, and a recently-elected member of the Hiram College board of trustees, he has brought added luster to the good name of Hiram College.

DEATHS. . .

'96-'10

Helen E. Blaisdell '96BA, Minneapolis, died October 3, 1974, at age 98. A popular Minneapolis teacher and well-known author, Miss Blaisdell came from a family of early pioneers who settled in the Twin Cities area before Minnesota obtained statehood. She was the oldest member of the Teacher's Retirement Home and of the Unitarian Church at her passing.

Thomas H. Strate '01BCivE, San Ysidro, Calif., died July 2, 1974, at age 94. A retired civil engineer, he had been president of the American Society of Civil Engineers.

E. Norman Peterson '01, Hobie Sound, Fla. and Darien, Conn., died October 20, 1974. He was a director of Altgelt & Company, Inc.

Franklin R. McMillan '05BCivE, Boonton, N.J., died January 29, 1974, at age 91. Vice president of research for Portland Cement Association, Chicago, until his retirement in 1974, he was a past president of the American Concrete Institute and the author of *Basic Principles of Concrete Making*.

Nellie Thompson Landblom (Mrs. A. E.) '06BA, Aromas, Calif., died December 5, 1973.

George T. Peterson '08BMinE, Kissimmee, Fla., died June 4, 1974.

'11-'19

Dr. Ohmer H. Warner '12MD, San Diego, Calif., physician and surgeon, died April 30, 1974, at age 88. At the time of his death he was chairman of the board of Warner Ranch Development in the west end of Mission Valley and had developed commercial property in that area.

Mrs. F. J. Pehler '14BSHEc, Pine City, Minn., died December 24, 1974.

Phil J. Laurence '15BA, Coral Gables, Fla., died October 7, 1974, at age 83. He was director emeritus of First Federal Savings & Loan Association of Miami, and a retired construction and civic leader.

Frank E. Morse '15LLB, Mankato, Minn., died April 1972.

L. Harold (Pete) Anderson '17-'21, a Palo Alto, Calif., resident for nearly 58 years, died October 16, 1974, at age 75. He was a former executive officer of Palo Alto and a retired Pacific Gas and Electric Company vice president.

Dr. George W. Hauser '18BSFor, Seattle, Wash., has died.

Juan C. Orendain '18-'21, Quezon City, The Philippines, died January 1, 1974. He was an University of Minnesota Outstanding Achievement Award recipient. Orendain, a popular attorney and journalist, was well-known for his work with the Philippine government, particularly for his efforts as Press Secretary and as executive secretary of the Asian Good Neighbor Relations Commission. He helped the Republic of Vietnam draft its constitution, and later in his career, was named dean of the College of Law of the Central Philippine University.

H. Kenneth Briggs '19BChem, Chicago, Ill., died July 27, 1974.

Miss Luella H. Olson '19BSN, Mankato, Minn., died May 11, 1974.

'20-'29

Mrs. M. E. Ekstrand '20BA, Washington, D.C., died June 30, 1974.

Dr. William A. Hanson '20MS '21MD, Minnetonka, Minn., died in 1973. A former Alumni Service Award winner, he was recognized for his efforts in behalf of the University's Medical School

Missing In Action

Leonard Robertson '68BME, Northport, N.Y., has been missing in action in Viet Nam since July 7, 1972, when his plane, a Marine Corps A-6A Intruder, was shot down by ground fire.

and Athletic department. In 1938 he was the co-founder of the Minnesota Medical Foundation.

S. F. Casey '21LLB, St. Paul, died February 19, 1974.

Charles A. Hatch '22LLB, Battle Lake, Minn., died January 1, 1974.

Dr. P. F. Meyer '22MD, Faribault, Minn., died February 13, 1973.

John B. Charlesworth '23BSAg, Waco, Texas, died January 10, 1974.

Dr. M. T. Finlayson '23DDS, Hilo, Hawaii, has died.

Beloved Augsburg Administrator Dies

Miss Gerda Mortensen '23BA, Minneapolis, died December 4, 1974, at age 79. She had retired from Augsburg College, Minneapolis, in 1964 after serving 41 years as dean of women. She was the first dean of women when the college went co-educational in 1923 and spanned the term of office for three presidents of the institution.

Since her retirement she has been extremely active in the Norwegian-American community. She was past secretary of the Norsman's Federation and an active member of the planning board for the Sesquicentennial celebration in 1975 (the 150th anniversary of the Norwegian immigration).

In 1971 Gerda Mortensen was awarded the St. Olav Medal from the King of Norway for her contributions to the Norwegian community. This award is one of the highest honors that can be paid to a civilian from the Norwegian government. In 1973 she was honored as a Distinguished Alumna of Augsburg College, the only non-alumna of the institution to be so honored. During that same homecoming, the 15-story, high-rise student apartment complex was dedicated in her honor and called the Mortensen Tower.

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—Will Rogers

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Date _____ X _____ Signature _____

State of Minnesota offers the student financial aid programs that others don't,

from page 1

tance to accept more student loans because of the low interest rate.

In most instances a student in the program pays no interest on the money he borrows for the period he is in school, and does not have to start paying back his loan until nine months after graduation.

"If a student's family income is fairly high, he may have to pay 7 percent interest on the loan," Lewis said.

"If a student doesn't pay the 7 percent interest, then the federal government pays it to the state which pays it to the lending agency," he said.

However, shortage of bank funds has been greatly relieved by the entrance of the State of Minnesota as an eligible lending institution.

Minnesota will have approximately \$30 million out in loans through this program by year's end. The average student loan from the program is in excess of \$1,000, according to Lewis. And students enrolled in state and junior colleges, vocational-technical schools, and private and business colleges, as well as the University, utilize the funds.

The Minnesota Scholarship & Grant program is also a large program for undergraduates attending any eligible state institution. Its maximum award is \$1,000 and it is the only state program based on need and academic standing in high school.

Although many of the federal programs for student financial aid which the University administer appear to be in jeopardy — particularly the work-study program which will continue to operate next year, but on smaller allocations because of the rise in average students wages (there has been a 20 percent decrease of participants in the program) — the state aid picture lifts some of the gloom.

"We are pretty lucky in Minnesota because we have many student financial aid programs that most other states don't," Lewis told The Alumni News. "And the state is considering work-study, as well as some other new programs."

English as a Second Language program provides intensive classes for foreign students

The Program in English as a Second Language, which regularly offers classes in English for foreign students at the University, recently has been asked to provide special intensive courses for two separate groups of undergraduate students, one from Saudi Arabia and the other from Venezuela.

During fall quarter the Saudis were given six hours of intensive English instruction daily to prepare them for a milling technology course at Kansas State University. Their special contract was arranged through the Pillsbury Corporation in Minneapolis and the Saudi Arabian government.

During winter and spring quarters a group of 30 young Venezuelans will be enrolled in an intensive English program to prepare them to enter various institutions of higher learning in the United States. Their program was arranged through the Institute of International Education.

In addition to providing such special classes, the Program in English as a Second Language is responsible for the instruction of several sections of freshman English for foreign students. Problems peculiar to non-native speakers of English can be more effectively handled in these classes than in regular sections of freshman English.

A third and major responsibility of the Program is its master's program for preparing teachers of English for speakers of other languages. Graduates of this program, which began in 1968, teach in various parts of the United States and Canada, and are now or have recently been teaching in such far-flung parts of the world as Japan, Iran, Tanzania, The Netherlands, New Guinea, Yugoslavia, Spain and France.

Lewis would like to see a state work program instituted which would be relevant to a student's academic interests, and an expansion of the state's Scholarship & Grant program.

"The 18-year-old majority could also have vast long-range effects on financial aid, according to Lewis.

"If it is determined that once a student reaches age 18 he does not have to rely on parental support for his education, we are in big trouble. We would not have enough money to meet financial needs."

Since current federal programs are based on providing financial aid to students from low-and moderate-income families, an abolition of the guidelines for parental support would mean that institutions would have no way of determining who came from such families.

"Aid would have to be administered on a first come, first served basis, which would not be fair," Lewis said.

However, University students make Lewis optimistic about financial aid. "The majority of those students to whom

we give support — even if it is sometimes minimal — are able to find the rest of the money to get through school. Somehow they manage to scramble through with one or two jobs and some parental help.

"Our support provides an incentive and we have very few students who tell us that the aid we can give them is not enough for them to start or stay in school," Lewis said.

The aid provided by alumni, matching donations and corporate or private gifts is also important to the Financial Aids office, Lewis said, and provides help for many students each year who might not otherwise be helped.

Chemistry department offers research support

The University's chemistry department is currently taking applications from undergraduate students, preferably juniors, interested in a summer research program in chemistry.

Those selected to become Lando summer research fellows will receive \$130 per week. The appointments, which begin June 1975, normally run for 10 weeks. The program is supported by a bequest from Maximilian N. Lando, who received a bachelor of science

degree in chemistry from the University in 1902.

Deadline for application is February 28, 1975. Interested applicants should contact Professor Louis H. Pignolet or Professor Donald G. Truhler, Department of Chemistry, University of Minnesota, Minneapolis 55455.

ERRATUM

University vice president for administrative operations, Walter Bruning, was mistakenly identified as the University vice president for academic administration in the 1975 January issue of The University of Minnesota Alumni News. The editorial staff apologizes to Mr. Bruning and to Henry Koffler, recently named vice president for academic administration, for this unfortunate error.

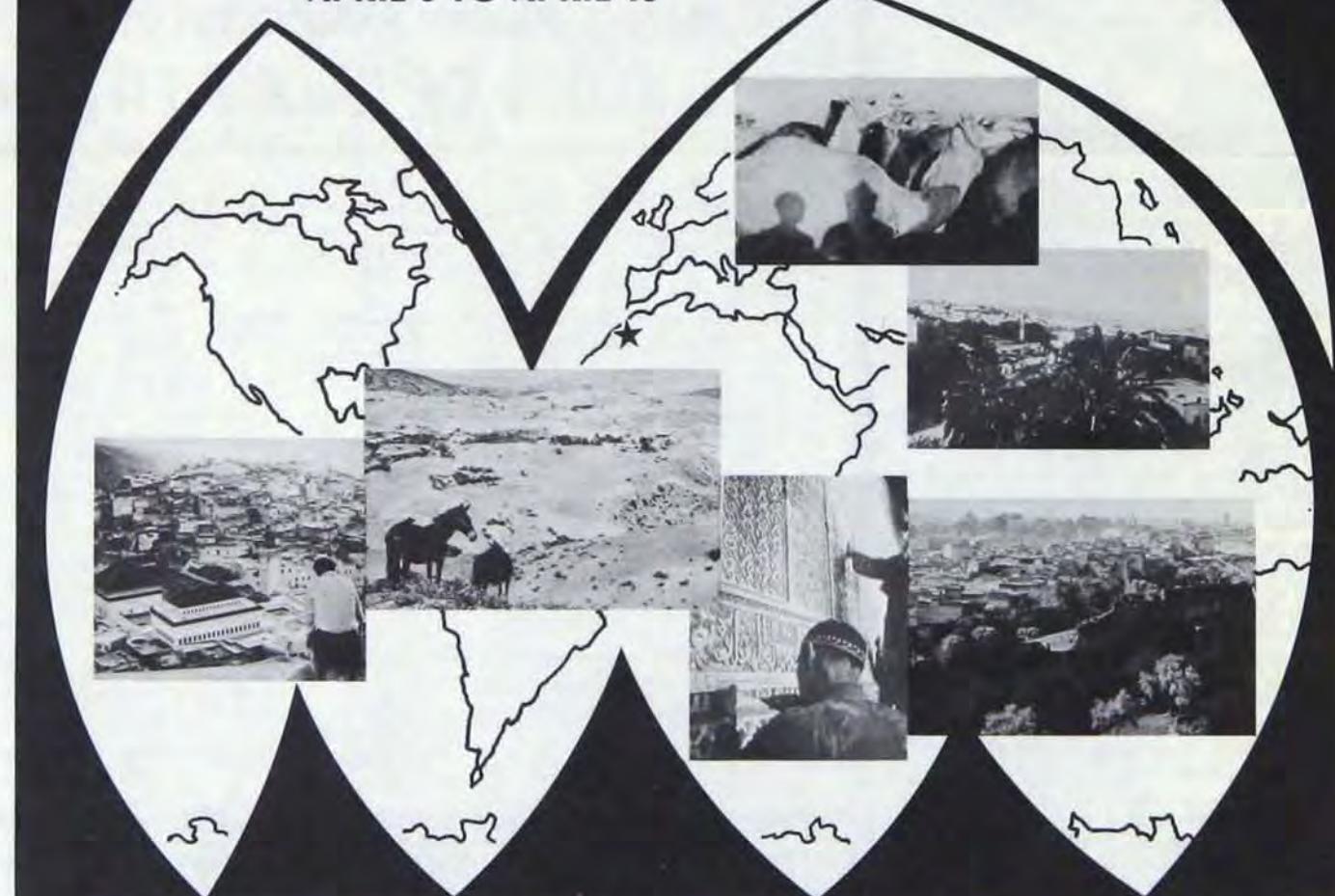
Watch the 1975 March Alumni News for an in-depth feature on Mr. Bruning's vice presidential colleagues.

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