



UNIVERSITY OF MINNESOTA
ALUMNI NEWS

1969 DECEMBER

FEATURING

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9 BIG DAYS FOR ONLY \$349.00



The demand for space was so great that we secured a larger jet flight — and gained a **BONUS DAY** at no additional cost!

40 more seats are now available. Act promptly to reserve yours!

Leave Saturday, March 14.
Return Sunday, March 22.

Sponsored by your
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ALL INCLUSIVE TOUR PRICE ONLY \$349.00 per person — round trip jet transportation from the Twin Cities (200 seats). It's a change-of-pace fun trip, made to order for that refreshing quick "spring break" everyone needs at the end of winter. Fly off to sun-bathed Mallorca, the enchanting island province of Spain surrounded completely by the beautiful Mediterranean. Tour price also includes:

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- Three meals per day
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- Get acquainted party first day there
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- Evening city visit and nightclub tour (day six)
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PLUS — A special ID Shopping Card for your convenience in visiting the market places. (Mallorca is noted for its fine leather goods.) **AND** — for the younger set, there is free admission to the city's leading discotheque.

ENTERTAINMENT HIGHLIGHTS. Mallorca offers something for everyone. There are miles of magnificent beaches and coves for exploring or just relaxing in the sun. Ancient churches, palaces, a great Gothic Cathedral and aristocratic mansions offer absorbing contrast to the theaters, cabarets, painting exhibits and the famed cosmopolitan night life of Palma. Outdoor activities abound — including golfing, horseback riding, an excellent race course and one of the largest bull rings in Spain. Optional trips to Barcelona and Africa are also available.

ELIGIBILITY: Tour is open to Minnesota Alumni Association members and their immediate family (spouse, dependent children, parents living in same household). Members must travel on the tour to qualify dependents.

RESERVATIONS: A downpayment of \$50 reserves your seat on the flight, with balance due January 1, 1970. Individual round trip tickets will be sold on a first come, first served basis upon receipt of your signed application. Seats assigned in the same order. Space is limited and many reservations are already in. Send in your application and deposit now!

MAIL YOUR RESERVATION IN TODAY: Mallorca Alumni Tour, 1970—205 Coffman Union, University of Minnesota, Minneapolis, Minn. 55455 (Phone 373-2466 Area 612)

Please make _____ reservations for your Palma de Mallorca Tour 1970, March 14-22

Enclosed please find _____ as deposit; _____ as full payment.

Make check or money order payable to the "University of Minnesota Alumni Tour, Mallorca 1970"
\$50 minimum deposit per person.

Name _____

Address _____

City _____ State _____ Zip _____

Year Graduated _____ Serial Number _____ Phone _____

Reservations limited. Rates based on double occupancy.

WE RECENTLY HEARD FROM . . .

. . . B. Lamar Johnson '25BS '27MS
'30PhD Professor of Higher Education
University of California, Los Angeles

ABOUT THE UNIVERSITY AND THE DEVELOPING JUNIOR COLLEGE SYSTEM

"I have read with great interest your Points of View on 'the changing university' in the October issue of the *University of Minnesota Alumni News*. The changes which you report are dramatic — and those in the offing may be even more important.

"Of particular interest to me (since my field of teaching and research is junior college administration) are your comments regarding the junior college. You note that the University of Minnesota has been, of necessity, 'a junior college for the metropolitan area.' You further point out that with the development of the 'State Junior College System and its five locations in the metropolitan area,' the University will be able, with increasing effectiveness, to put into effect its 'policy of control growth.'

"I am greatly pleased to know of the expanded development of the junior college in Minnesota — and, in particular, to know something of what the University of Minnesota is doing to encourage and assist in this development.

"It is my considered judgment that the junior colleges of Minnesota can contribute notably to relieving the almost irresistible pressure for admission policies, and can make it possible for the University to devote an increasing proportion of its attention to upper-division, graduate and professional education — and research.

"I can make this comment because studies show that junior colleges prepare students for successful upper-division work. In doing this, they also make it possible for students to have their first two years of college in their home universities — regardless of whether that be in the metropolitan area or at some other location in the state.

"Again, my congratulations for your recognition of the increasingly important role of the junior college in Minnesota — and, in particular, for your recognition of the desirable effect that it can have on the University."

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Minnesota Portfolio(s), postage prepaid.

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ALUMNI CLUB NOTES

ASSOCIATE MEMBERSHIP FOR RECENT GRADS

All University of Minnesota graduates with baccalaureate degrees are eligible to become Associate Members of the Alumni Club for a five year period after date of graduation. Club dues for an Associate Member are just \$10.00 a year, the regular \$20.00 initiation fee being waived.

The only other requirement is that the applicant must become a member of the Minnesota Alumni Association (MAA), (if not already a member). Graduates are automatically MAA members for the first year after graduation.

The Associate Member enjoys all privileges of the Club except voting rights. New graduates need the fellowship and contact offered by the Alumni Club as much as anyone.

Help us to bring more of these younger graduates into the Club. Tell the ones you know about "Associate Membership" - or perhaps give one as a gift.

PLANNING A HOLIDAY EVENT?

All of the facilities of the Alumni Club are available to members and to University-related groups for luncheons, meetings, dinners or parties. Talk to manager Bruno Krempin today about your special holiday club party or office get-together at the Club by calling 336-3031.

He can help you with your space reservations and the other accommodations you will want to make your holiday gathering a success - whether for a small group or a party of up to 130 or more.

The Club's calendar is filling rapidly for the holiday season, but there are still some openings available that you can take advantage of if you contact the Club soon.

The women membership might consider a December bridge party at the Club - taking advantage of its new menu, fine wine list and convenient downtown Minneapolis location.

The Alumni Club will be closed Christmas and New Year's Days, and will close at 4 p.m. Christmas Eve and New Year's Eve.

The Alumni Club staff thanks its members for their fine support during the football season!

SPECIAL NEW MEMBER OFFER

THE CLUB INITIATION FEE of \$20.00 for new members is being waived entirely during the current membership campaign - effective through December. Right now an applicant for membership who lives within the seven-county Twin Cities metropolitan area can join by paying only the regular Resident Membership dues of \$42.00 a year (\$3.50 a month).

Alumni living outside the Twin Cities area may apply for Non-resident Membership at just \$10.00 per year.

The only requirement for membership in the Alumni Club is that the applicant must be a member of the Minnesota Alumni Association (\$10.00 annual dues).

If you're already a member of the Alumni Club, now is the time to introduce a fellow alumnus among your friends or co-workers to the Club and its facilities. Urge them to sign up during the *SPECIAL OFFER PERIOD*. Use the application form below.

Or, *GIVE A MEMBERSHIP FOR CHRISTMAS!*

ALUMNI CLUB MEMBERSHIP APPLICATION

Yes, I want to take advantage of the special offer. Please enroll me as a member of the Alumni Club. Resident membership, \$42.00 _____; Non-resident, \$10.00. _____

I am a member of the Minnesota Alumni Association in good standing (Yes ___ No ___). My check is enclosed in the amount of \$_____. (If you are not a member, include \$10.00 additional for annual MAA membership dues.)

MAA Serial Number _____ Expiration Date _____

Class and College _____

Name _____

Home Address _____

City _____ State _____ Zip _____

_____ Please send spouse card

Send To:

UNIVERSITY OF
MINNESOTA
ALUMNI CLUB

205 Coffman Union
University of Minnesota
Minneapolis 55455

**SAVE \$20.00 -
JOIN NOW!**

REACTION

REVIEW:



stituted about 11 percent of their graduating classes.

Both times they were asked to rate their satisfaction with nine aspects of University life; the second mailing, in addition, included a personal fact sheet requesting follow-up data on their activities since graduation.

The respondents expressed general indifference toward only two University services: professional counseling and faculty advising. Furthermore, results of the second survey indicated a slight rise in the level of satisfaction, according to Ralph F. Berdie, professor and head of BIR.

The questionnaire was devised by Howard L. Roy '49Ph.D. At the beginning of each of its nine sections, the respondent was asked to check one of seven possible reactions to a certain area of the University: I hate it, I dislike it very much, I dislike it, I am indifferent to it, I like it, I like it very much, I like it better than I could possibly like any other.

The second question dealt with how much of the time the student felt satisfaction with the particular area, and a third with which one of seven alternatives he would select related to changing that area.

The Bureau found that there were significant differences among the colleges reflected in the graduates' responses. Women in the College of

Education, for example, were mildly dissatisfied with faculty advising; men in the Institute of Agriculture were highly satisfied. Arts College students expressed a much higher degree of satisfaction toward opportunities for cultural development than did Institute of Technology men, who also tended to be dissatisfied with faculty advising.

Factors such as personal history, grade-point average, sex and personality were also taken into account. The Bureau correlated the satisfaction ratings with scores on the Minnesota Counseling Inventory, Minnesota Multiphasic Personality Inventory (MMPI), Strong Vocational Interest Blank and American College Test; with transcript data; and with other scholastic variables.

Among other findings, the Bureau noted that transfer students, who had been at the University for a shorter period of time and had taken fewer credits, tended to be more satisfied; students with a relatively low GPA were more satisfied with the social life than those with high grades.

And, not surprisingly, students with a high hypochondriacal rating on the MMPI were less satisfied with the Health Service.

When the respondents were asked, as Minnesota graduates, to compare and rate themselves to graduates of

● GRADUATING SENIORS' SATISFACTION WITH THE UNIVERSITY

How will today's University graduate remember his alma mater 10 years from now — as a great, gray mediocrity, or as a wonderful and exciting place to be for four years?

Though it all depends, of course, on the individual, chances are he'll take neither of those extreme views of his University experience.

BIR has found that the attitudes of the average recent graduate toward instruction, curriculum, professional counseling, social life, cultural development, the Health Service, faculty advising, living quarters and the University in general can usually be summed up in two words: mild satisfaction.

The Bureau bases its findings on two identical surveys of a group of 1968 June graduates, one taken in May, 1968, and the other a year later. The 300 persons — 177 male, 123 female — to whom questionnaires were sent came from six colleges within the University, Liberal Arts, Institute of Technology, Agriculture, Forestry and Home Economics, Education, Business Administration and the Biological Sciences. And they con-

University of Minnesota Alumni Fund



The Alumni Fund is a major source of funding for the special projects and needs within each College and School and for unrestricted gifts to be used where the need is greatest. Your gift or bequest to the Alumni Fund will provide a vitally needed support for the University in its continuing effort to achieve excellence in education. Send today for further information about making a gift or a bequest to the Alumni Fund.

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205 Coffman Memorial Union, University of Minnesota
Minneapolis, Minnesota 55455

Please send detailed information on how to make a gift or bequest to the University of Minnesota ALUMNI FUND.

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Class and College _____

other institutions, in terms of their cultural and general education experience, 11 percent indicated very much above average, 42 percent said somewhat above average, and approximately 46 percent said about equal. Fewer than 1 percent said that they felt below average.

● **THE PASS-NO CREDIT (P-N) GRADING SYSTEM:**

What The Recent Studies Are Showing

The importance of grades and grade-point averages has caused controversy in academic circles ever since the A-F grading system was invented.

In response to this ongoing debate, colleges and universities across the country have adopted or considered myriad varieties of pass-fail grading systems during the past decade.

A few institutions — among them Reed College in Portland, Oregon, and Sarah Lawrence College in Bronxville,

New York — abolished all A-F grades long ago. Most schools, however, chose to initiate the pass-fail option on a more limited, experimental basis.

The University, which fits into the latter group, introduced the pass-no credit (P-N) grading system in fall, 1967, as a three-year experiment.

Basically, the system allows students to take a limited number of credits per quarter — usually in courses outside the major — for one of two grades: P (pass) or N (no-credit). Although this grade is recorded on the students' transcripts, it has no specific point value and thus can in no way affect the Grade Point Average (GPA).

"I haven't noticed any real difference between the P-N and A-F students in my classes. If anything, in fact, I think the P-N people tend to work a little harder because the course is outside their major area" — Minnesota English professor.

The decision as to whether or not to offer courses on P-N rests with the

individual departments and colleges. The P grade signifies that the students would have received an A, B, C, or D in the course; the N corresponds to an F.

The Bureau of Institutional Research (BIR) has conducted four studies of the University's P-N system during its two years of existence and two more studies are planned for this year. Though results of the surveys indicate a number of trends, "we are still disappointed in how little we really know about the system," research associate Keith Wharton said recently.

The first evaluation of P-N grading, by BIR research assistant John F. Anderson, surveyed student and faculty opinion of the system during winter quarter of 1968.

In general, the results showed that both groups approved of the P-N option. More specifically, 70 percent of the students queried reported that they elected to take a course on P-N because they did not think they had time to study for a regular A-F grade; 44 percent said they were using P-N

(Continued on page 42)

HOCKEY
12 Home Games

Preliminary Game Time: 6:00 p.m.

Varsity Game Time: 8:00 p.m.

Fri., Dec. 5	.....	North Dakota
Sat., Dec. 6	.....	North Dakota
Fri., Jan. 2	.....	Colorado College
Sat., Jan. 3	.....	Colorado College
Fri., Jan. 9	.....	U. of M. Duluth
Sat., Jan. 10	.....	U. of M. Duluth
Fri., Jan. 23	.....	Michigan
Sat., Jan. 24—3:00 p.m.	.....	Michigan
Fri., Feb. 13	.....	Michigan State
Sat., Feb. 14	.....	Michigan State
Fri., Feb. 27	.....	Wisconsin
Sat., Feb. 28	.....	Wisconsin

BASKETBALL
12 Home Games

Mon., Dec. 1—8:00	.....	Notre Dame
Sat., Dec. 6—3:00	.....	UCLA
Sat., Dec. 2—8:00	.....	Drake
Tue., Dec. 23—8:00	.....	San Diego State
Sat., Jan. 10—1:05	.....	Indiana
Sat., Jan. 17—8:00	.....	Michigan State
Sat., Jan. 24—8:00	.....	Ohio State
Mon., Jan. 26—8:00	.....	Loyola (Chicago)
Sat., Feb. 7—8:00	Illinois
Sat., Feb. 14—3:00	Northwestern
Tue., Feb. 24—8:00	Purdue
Tue., Mar. 3—8:00	Michigan

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Total Remittance—Payable to University of Minnesota			\$

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THE UNIVERSITY OF MINNESOTA ALUMNI NEWS

(Our 69th Year)

DECEMBER, 1969 • VOL. 69, NO. 4

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ON THE COVER: A Minneapolis Tribune photograph shows the fall quarter student bulge at the University. It was taken on the Mall. Some of the questions that face Minnesota students — old and new — are featured in this issue.

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

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POINTS of VIEW

ED HAISLET
Executive Director



Last month the Association announced its new Hospital-Money Plan that pays members and their families tax-free cash benefits for each day of hospitalization up to 365 days. As of this writing, over 400 applications have been received, and more are coming in each day. The special enrollment period has been extended because of two important changes that have been made in the plan, making it even more desirable. The original plan paid \$30 a day for male members and \$20 a day for female members. The cry of discrimination was raised and after consultation with our insurance carrier, the \$30 a day rate was also extended to females. Likewise original coverage extended only to the age of 64 years and that too has been changed. Coverage now remains in force indefinitely, but at age 65 the benefits applied are reduced 30%, the premium remaining the same. However, the double benefits feature terminates at age 65. Better check your hospital insurance coverage; while the program is a supplemental one, it is a good one.

With the football season over, just a few comments. The Gophers did well, with sophomores and juniors dominating the play at the end of the season, indicating next year's team will be an interesting one. Because Big 10 teams lost the large majority of their non-conference games — and especially to the Big 8 — the prestige of the Big 10 Conference has suffered. There are those who want to go back to the good old days — who advocate the return of red shirting (allowing a player 4 years of competition in five years), increasing the number of tenders, lessening academic standards, et cetera. For years the Big 10 was the football conference and the emphasis in the Big 10 schools was on football — but the emphasis caused problems, more recruitment, more proselytizing, more subsidization and more under-the-table stuff — until finally a halt was called and reason prevailed. As a result, the number of days of spring practice was limited, as was the number of tours and days of practice in the fall, recruitment was curtailed by limiting the number of tenders that could be offered — red shirting was discontinued, advancement toward a degree was instituted as well as scholastic prognosis for success in college in order to receive a tender or to play freshman football. All these things brought football respectability and a better educational perspective to the Big 10.

In the meantime, the caliber of football has increased across the country; no one league or conference can now dominate the game, as once the Big 10 did. There are not only more football players, but more good football players all over the country. Over-emphasis of college football still exists, but not in the Big 10 nor the Ivy League — in most other conferences, yes — the Big 8 — the Southwest — the Southeast, to name a few, and especially in California and Florida.

But red shirting is not the answer. To hold a student back in his school work so he can play football just doesn't make sense in an institution of higher education. While it is true that at Minne-

sota only 25% of the students who enter as freshmen receive a degree in 4 years — another 25% do receive a degree within 10 years. The main reason why 25% drop out to come back another time is not academic, but financial.

Nor is increasing the number of tenders the answer. For instance, the Big 10 rules allow each institution 30 football tenders each year — or a total of 120 tenders in a 4-year period. The cost of a tender is the equivalent of tuition and fees, plus room and board — at Minnesota about \$1500 a year — at a total cost of \$180,000 a year. The number of tenders allowed in Big 10 schools has been cut back over the years because of cost. At Minnesota, and some of the other Big 10 schools, not all of the 120 tenders are now being used and the reason is financial. With the financial condition of Big 10 intercollegiate athletic programs in a precarious state, to increase the financial burden by increasing the number of tenders would be disastrous.

The Answer? A most simple one — the Big 10 should go to a round robin schedule — playing each of the other nine schools. While this could eliminate national rating, playing to win the Big 10 title should be enough.

Finally as regards the Rose Bowl — the Big 10 should send its champion each year — it doesn't make sense to send our second best — the rule must be changed. What do you think?

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Ed Harsco

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Utilizing journalism's personality statement, members of the campus community vocally emphasize evolving concepts raised by picture and sound.

The University's Audio-Visual services have produced a film that is visually and aurally exciting, and definitively informative — a compact character sketch of the University of Minnesota.

**THE
CURRENT
PICTURE**

Student Aids at Minnesota

THE bleak picture of student financial aid scarcity was brightened somewhat this fall when the University's Board of Regents committed \$4 million of its \$75 million investment portfolio to insure that banks would make that sum available, at a seven percent interest rate for student loans, and that major lending institutions would also set aside funds for students despite the current tight money market.

The Regents made their commitment in order to supplement University Trust Fund loans and to ease the bind placed on students by the 1969 spring tuition increase and concurrent decrease in Federal funds for student help.

Their commitment was also a University effort to "boost" the federal government's Guaranteed Student Loan program under which banks loan money to students at a seven percent interest rate and the government pays the interest while the student is in school. This federal program is aimed primarily at the middle income family - if a student's family earns less than \$15,000 per year, the government will guarantee repayment of the loan.

However, the program depends on the banks and lending institutions having the capital to loan to students. And, with the prime interest rate above that of seven percent, the capital has been tight, especially with the federal government's unwillingness to raise its Guaranteed Student Loan program interest ceiling or to increase funds for the program. The government

makes up the difference between the seven percent rate a student pays for a loan and the current prime rate.

Federal funds have been a major source of monies for student aid. With their decline, and despite the growth in the numbers of student aid programs, if the University's Office of Student Financial Aid can hold its own this year, that will still not be enough.

Total financial aid has grown on the University Twin Cities campus from an estimated \$60,631, excluding University student employment, in 1942-43, to an estimated \$10,922,525 in 1968-69.

The latter figure, developed during a period that encompassed the beginnings of the Martin Luther King Scholarship program and the Law Enforcement Assistance program, includes the following financial aids:

University Trust Fund Loan.....	\$ 517,957
University Scholarship.....	970,430
Designated Scholarship.....	301,244
National Defense Scholarship Loans (NDSL).....	1,679,033
Health Professions Loans.....	622,715
Nursing Student Loans.....	19,460
College Work Study Program.....	706,610
Regents' Student Aid Fund Program.....	221,238
Health Professions Scholarship.....	214,005
Guaranteed Student Loan Program.....	5,000,000*

Educational Opportunity Grants.....	662,288
Nursing Educational Opportunity Grants..	7,545

*Figure is estimated.

Of the \$10 million plus gained through these various programs, the University's Office of Student Financial Aid administers approximately \$5,700,000. The remainder comes through the various agencies of the federal government.

A closer look at the listing shows that of the 12 programs noted, eight of them depend on federal resources: NDSL Loans, Health Professions Loans, Nursing Student Loans, College Work Study Program, Health Professions Scholarship, Guaranteed Student Loan Program, Educational Opportunity Grants and Nursing Educational Opportunity Grants. And that half of these federally-subsidized areas are loan programs. Only a single federal scholarship program is available.

University student employment is not considered a function of the Office of Student Financial Aid. However, it is estimated that University employers paid about \$12,000,000 to students in 1968-69. This figure is comparable to that of 1966-67 and 1967-68, and only \$500,000 below that of 1965-66.

During these periods total aid available at the University showed approximately \$3 million for 1965-66, \$5 million for 1966-67 and \$7 million for 1967-68.

The size of the student employment salaries' total would seem to indicate that large numbers of students are finding that they must work more, in addition to calling on other resources in order to pay for their education. And, the salaries totals through the past five years would also indicate, unhappily, that job opportunity at the University has levelled off for the student.

When one finally divides the total student population into the total monies available for student financial aid, the amount available *per student* is significantly less than it appears.

In 1968-69 about 6,000 different students were designated to use the \$5 million plus administered by the Office of Student Financial Aid — *allowing less than \$1,000 per student.*

Federal student aid programs are being committed today to the individual student rather than to the institution, leaving again less money to be divided among more students. And it is projected that the University will soon feel institutional cuts in the federal Health Professions Scholarship program, at a time when the number of health sciences personnel is of vital concern to the state.

Student financial aid for the average student can be divided into three areas:

- Gift assistance, totalling \$2,400,000 in 1968-69, which includes scholarships and grants;
- Loans, which include University loans (\$2,800,000) and federal government loans (\$5,000,000);
- Work-study (\$707,000).

Twenty-seven percent of the University's gift assistance resources have gone to pay less than five percent of its gift assistance.

To obtain a scholarship under gift assistance, a student must display high academic ability and average need; to obtain a grant, he must display high need and average academic ability.

The University bases a student's educational financial need on how much money his family has for higher education, according to a complex variable program that is worked out by the national College Scholarship Service. The student is consequently rated fairly — but on a national scale.

As can be seen in the listing of aid programs, much of the federal money, not including loans, is in the grant area.

Very little private grant money is available outside

DOUGLAS CURRENCE APPOINTED AS NEW MAA ASSISTANT DIRECTOR

Edwin Haislet, executive director of the Minnesota Alumni Association, announces the appointment of Douglas Currence '57BAEcon as an assistant director of the MAA.

Doug will serve as the Association's field representative, working primarily with the state chapters to improve their alumni programs.

Before joining the MAA, Doug served in the Army from 1957 to 1960, and then did administrative work with IBM in St. Paul for two years. Later he went to McLaughlin, Gormley & King as an industrial salesman, and to Professional Tape, producer of medical supplies, as a salesman.

Doug comes from a family with a strong University background. His father served on the faculty of the department of horticulture for 40 years, and his brother and his wife both hold degrees from the University.

A man who would rather sell the University than products, Doug feels that his work with the Alumni Association will be more valuable and productive, considering his strong Minnesota background.



of that supplied by the federal government. The Federal Educational Opportunities grants, which are based on high need and ability, were cut in 1969-70 by 15 percent, making 400 fewer grants available.

In 1968-69, remittance donations to the University for scholarships, including all of those coming through the University scholarship office and the various scholarship committees, totalled \$940,000.

Consequently, freshman scholarship monies reach only those in the upper 15% of their classes.

This year, in terms of money at hand for administration by the Office of Student Financial Aid, *only \$700 or less is available for the student seeking help.*

Designated scholarship money, that is, money which comes from outside organizations and institutions such as PTA or civic groups who select the awardee and ask the University to handle the scholarship, totalled \$300,000 in 1968-69.

The lack of student loan resources has already been pointed to in the Regents' \$4 million move and the decrease in federal professional loans.

And, three hundred fewer National Defense Loan Scholarships are available this year.

Foundations, who often ask the University to act as a selector for their financial aid, do not add appreciably to the money available per student.

The federal Work-Study program, which offers additional help for the student, has stabilized this year, showing the same funds that it did a year ago.

The state of Minnesota has tried to aid the student financial crisis with two offerings of its own — one of which, the State Scholarship program, reached 250 University freshman and sophomores in addition to numerous students on other campuses through a total \$45,900. In 1969-70, its second year, the program shows resources of \$56,000. There is also a state grant program available this year.

The University will encourage private donations to student aids, from individuals and corporations, in order to increase funds to fill the gap.

But for the increasing number of students who need help, will it be enough?

REGENTS URGE CONGRESS TO RE-EXAMINE STUDENT AID

The University's Board of Regents recently expressed its belief in the necessity of Congress to support a "comprehensive and thoughtful program of student financial aid for college and university students." At its October meeting, the Board voted to send a letter to Minnesota's Congressional delegation urging Congress to re-examine its entire student aid program with an eye toward increasing the grant portion of the program and suggesting several steps Congress might take in subsequent implementation. The letter, drafted by Vice Presidents Paul Cashman and Roger Kennedy, also states that the failure of Congress to pass an amended guaranteed student loan program in time for the opening of the school year inconvenienced and may have jeopardized hundreds of University of Minnesota students who had assumed such loans would be available. Cashman, in commenting on the financial situation facing the University, calls that situation an exceptionally serious problem. He stresses that grant assistance to students has dropped from 31 percent in 1958 to 23 percent last year. He also notes that when student employment is added to total loans and grants available to students, grant assistance represents only about one percent of the total. "What is clearly needed," the Regent-endorsed

letter states, "is a complete review of the federal approach to student aid. The increasingly heavy reliance upon loans as opposed to grants, the decline of grants for low-income students, the decrease in graduate fellowships, and the whole pattern of withdrawal of federal money from the student aid area is a matter of serious consequence for the nation."

The letter refers to the "unfortunate time" at which the weakening of federal support comes, since many institutions relying in part upon the expectation of federal encouragement and support, have brought many low-income students to their campuses. The Regents suggested the following remedy-steps to Congress:

- The guaranteed loan program should be amended as soon as possible to provide a higher ceiling rate guaranteed by the federal government;
- Steps should be taken to insure the availability of loans under this program notwithstanding times of "tight money" policy, — possibly a device analogous to the federal mortgage "auction" set up for the Federal National Mortgage Association and the Government National Mortgage Association;
- Congress should review the adequacy of present grant programs for higher education with a view to providing greater allocations of such funds for disadvantaged and high-risk students.

THE 1969



SCHOLARSHIP RECIPIENTS

AMONG the thousands of bewildered freshmen who found their way around campus this fall there were 158 who might never have made it to the University at all if it had not been for the Minnesota Alumni Association.

These students were the recipients of Alumni Association freshman scholarships, which this year totalled almost \$40,000 — an average grant of more than \$200 per student.

Additional stipends are yet to be awarded by the Office of Student Financial Aid, which handles the 5,000-plus scholarship applications received each spring from high school seniors.

Now completing their first quarter at the University, the scholarship winners represent a microcosm of the freshman class. They come from farms, small towns and cities, from large and small families; they live in residence halls and commute; they're interested in music, science, writing and engineering; and they've joined political clubs, the football team and the band.

All, however, seem to have at least two qualities in common: better-than-average intelligence (they graduated in the top quarter of their high school classes), and a desire to prove worthy of their scholarship awards.

Take Deborah Iversen, for example, an aspiring young actress from Jackson, Minnesota, now living in the University's new Middlebrook Hall.

"Without your help I would not be in the extremely worthwhile and multi-opportunity position that I am in now," Debbie wrote the Alumni Association this fall. "You can be sure that I am going to make the most of this year . . ."

Debbie wasted no time making the most of things — she started working at O. Meredith Wilson Library last June, an experience that gave her "the chance to taste University life — its people, atmosphere, and what it has to offer." She is at the library on a part-time basis, while carrying a 14-credit load of English, French, history and sociology courses.

The oldest of five children, Debbie laughingly describes herself as a "small-town country hick" who is quickly learning to feel at home on a bustling metropolitan campus. Her inevitable response to everything at the University, in fact, is a simple one: "I love it."

She particularly likes Middlebrook, whose residents and staff, she says, "have tried to create a homey atmosphere — and they've succeeded."

Debbie was an honor student in high school and participated in speech and debate, worked on the school paper, and played clarinet in the band.

As a University freshman, her major is "tentatively fluctuating between English and theater."

Meanwhile, she appears to be leading a typical freshman existence: "I worry a lot, I'm not getting enough sleep, and I'm getting ulcers. But it's all very new and exciting and I wouldn't change it for anything."

A fellow Middlebrook resident, Karen Hanks, came to the University from a farm near Bagley, Minnesota. She is the youngest of four girls; none of her sisters had the opportunity to attend the University and Karen says that she could not have done so without her Alumni Association scholarship.

A nurse's aide during her junior and senior years in high school, Karen is a pre-medical student taking 16 credits of chemistry, mathematics, sociology and English. She plans to "see how things go" this quarter before getting a job and participating in campus activities during the winter quarter.

Karen finds college life "a lot different" from anything she has ever experienced, and is particularly awed by the size of the University. "There are so many people here," she told the Alumni News, "and that can be frightening sometimes; it's hard to really get to know anyone."

Living in a residence hall, however, helps Karen, and she shares Debbie's feelings about the congenial Middlebrook atmosphere. "I feel at home here," she concluded. "It's just lots of fun."

Over on the other side of the river in Frontier Hall a freshman scholarship winner from New Ulm, Minnesota, is finding the University's size not as much of a problem as he'd anticipated.

"There's a lot of red tape, of course," Scott Fodness said, "and that can be a real problem for freshmen. But the kids are friendly and I've no complaints with the dorm — even the food's okay."

Scott, the oldest of four children, could not have come to the University without a scholarship — "in fact," he added, "you might say I'm going to have a rough time staying here even *with* it."

He is carrying 17 credits in CLA and considering secondary education as a major.

Scott admits that his "secret dream" is to become a writer. As a high school student he read and was

deeply impressed by *Winesburg, Ohio* and *The Grapes of Wrath*. "Since then," he wrote the Alumni Association, "I have wanted to try to write about the American people and the nation they are building."

A veteran of high school debate teams and student government, Scott was somewhat active in the McCarthy campaign, but does not consider himself a member of the "New Left." He "tries to write poetry" and likes "good books, puns, unusual girls, apples and W. C. Fields — and, greedily, scholarships."

AMONG the freshman scholarship recipients who commute to the University daily is Modris Feders, a honor graduate of Hill High School in St. Paul.

"I may look happy in the picture I am enclosing," Modris wrote this fall, "but there was no end to my joy when I found out I had received a Minnesota Alumni scholarship. Your help gave me the desire to go to the University and succeed in my chosen field of work, architecture."

Modris feels strongly that he must set a good example for his 13-year-old twin brothers, Jerry and Perry, by fulfilling his parents' dream that he get as fine an education as possible. He added that his father, of Latvian extraction, held two jobs during the past five years so that his three sons could attend parochial schools and go on to college.

In high school Modris was an active member of the chess and yearbook clubs and served as editor of the school paper. He enjoys "every sport from table tennis to baseball, particularly hockey and football," and also likes camping and fishing.

ANOTHER sports-minded freshman is Jerry Winslow, who likes to hunt and fish, and has joined Territorial Hall's intramural football team.

Jerry, who has an older brother and a younger sister, comes from Two Harbors, Minnesota. Last summer he worked as a general laborer — "cutting grass and stuff like that" — near his hometown in order to supplement his scholarship grant.

Jerry is a pre-engineering student in the Institute of Technology with a 50-credit program during his freshman year. He, like Scott, finds the University "obviously big, but it's about what I expected. I like it, though I know a lot of guys complain."

MARY Hinrichs, a scholarship winner from Olivia, Minnesota, is augmenting her stipend from the Alumni Association by working 15 hours a week in the Sanford Hall cafeteria kitchen. Though she is up every morning at 6 a.m. to help serve breakfast, Mary likes her work, and feels she is "lucky because all I have to do is walk downstairs."

Mary may be an unusual freshman in that she is "absolutely sure" of her future plans: she wants to be a nurse.

"I know what I'm getting into," she explained. "Both my mother and my older sister are R.N.'s."

Between her job and a 14-credit course load, Mary has found she hasn't had time to participate in any residence hall or campus activities this quarter. Nonetheless, she says it's "easy to find your own little niche to fit into, even if the University is so impersonal."

FOR Richard Sas, a graduate of Cathedral High School, St. Cloud, Minnesota, much of the impersonality to which Mary referred vanished during the University's Welcome Week in September.

Though Dick arrived early and set out to discover the campus on his own, he told the Alumni News that Welcome Week "gave me the feeling that someone cared — that the University wasn't so big that you couldn't get close to people and get to know them."

Dick is a pre-medical student taking 16 credits this quarter. He has always been interested in biology, and while in high school did individual research projects on trees and gerbils (small rodents).

In addition to working as a paid usher at Northrop Auditorium, Dick participates in Newman Center activities and is considering running for a residence hall office later in the school year. He lives in Territorial Hall, likes his roommate and the other residents, but has reservations about the food.

"They give you plenty to eat," he admitted, "but sometimes it's barely edible — if that."

Though he is intrigued by the diversity of political activity on campus, Dick is not drawn to what he describes as "dramatic involvements". He particularly opposes the Vietnam War moratorium demonstrations, arguing that the U.S. must stay in Vietnam in order to insure South Vietnamese stability.

JODY Zick, a commuter from Fridley, shares some of Dick's views on campus demonstrations, which she says "rather frighten" her.

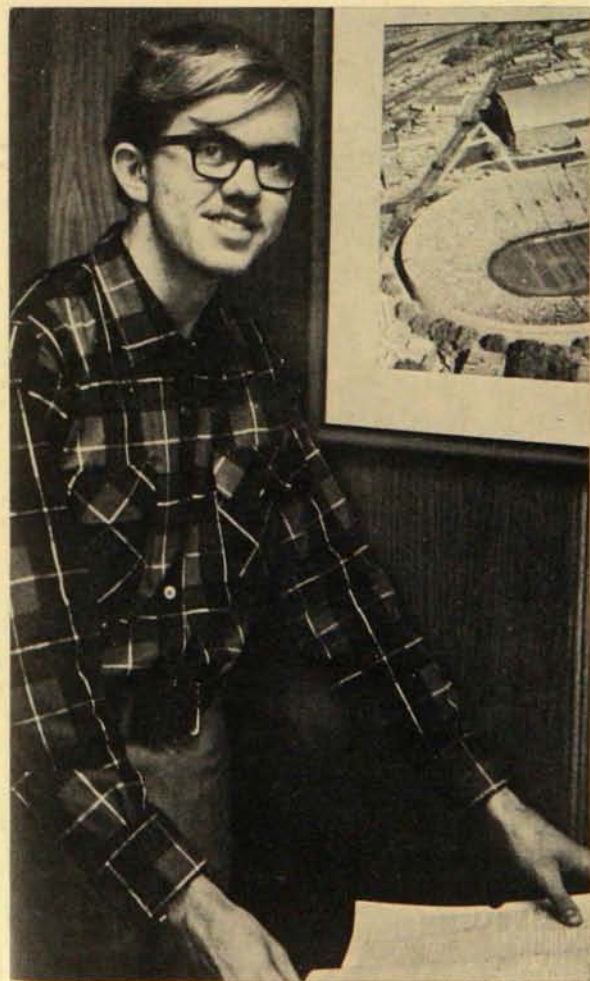
"I think there are other ways for students to express themselves," Jody explained. "I don't see why some people always get so excited about whatever the particular political issue of the moment happens to be."

Jody, who describes herself as "too easy-going," said she was surprised at "how scared" some of the freshmen in her orientation group were last fall. She "loves" the University and has found it quite easy to draw out fellow classmates and make new friends.

Jody supplements her scholarship by working in a Fridley bakery, a job she has held for the past two years. Though her main interest is in interior design, she is taking a general CLA program during her freshman year, with 12 credits in French, communications and mathematics this quarter.

Jody has sewn all her life. While in college she hopes to combine this ability with business-related courses in interior design and mathematics so that she can one day own her own shop.

SOME OF THE FRESHMAN SCHOLARSHIP recipients, in portrait and on campus, included, Deborah Iversen (right), Jackson, Minnesota, at work part-time in the Wilson Library; Mary Hinrichs (middle right), Olivia, Minnesota, preparing bag-lunches in the Sanford Hall kitchen; Modris Feders (bottom right), St. Paul; Karen Hanks (below left), Bagley, Minnesota; Richard Sas (below right), St. Cloud, Minnesota; Scott Fodness (below bottom), New Ulm, Minnesota, who stopped by the Alumni Office with a personal "thank you" for his scholarship.



Gopher tapes



BY DAVE SHAMA '68

BASED on late November performances the Gopher hockey and basketball teams should provide an entertaining winter of sports at Williams Arena.

Glen Sonmor's hockey team proved itself a representative WCHA team in an early season series with Duluth. The Gophers split a weekend series which was marked by a fight between Sonmor and some Duluth fans.

Sonmor demonstrated he can handle fans who give out abuse to the Gophers and his team held its own against a Duluth club who many WCHA coaches think is the most improved in the league.

The Gophers are led by goalie Murray McLachlan, an all-American last year as a junior. Sonmor thinks he's the finest goalie in college hockey.

Minnesota is expected to be a defensive-minded team with McLachlan and blueline protection provided by lettermen Pat Westrum, Steve Ross, Wally Olds and Frank Sanders.

Sonmor thinks that the team's ability to improve its scoring as the season progresses will be the main factor in determining how well the Gophers do.

Freshman forward Mike Antonovich has already shown in early season games and practices that he will lend punch. The new NCAA rule allowing freshmen to compete in the WCHA would have aided the Gophers even more if former all-stater Henry Boucha would have stayed at the University instead of choosing to play hockey in Canada.

"We should get considerable scoring help from the improvement of boys like Craig Sarnier, Ron Peltier, Steve Hall and Larry Paradise," Sonmor said recently. "These boys were juniors last season and should be ready to give us a lift."

Cagers Get A Boost, Too

Bill Fitch's basketball team surprised many spectators recently when the varsity beat the freshmen 78-72 in Williams Arena. The freshman team has several former high school all-Americans and has been called the finest group of players ever at the University by the sports information office.

Despite their reputation they weren't ready for a varsity team that had been practicing for nearly two months

under Fitch. Guard Ollie Shannon, a junior college transfer, scored 38 points and indicated he may replace the graduated Al Nuness in the back court.

Fitch has starters back at the other four positions. Forwards and co-captains Larry Mikan and Larry Overskei head the returnees. Fitch says Mikan could be an all-American if he works hard enough.

Center Tom Masterson and guard Eric Hill are the other returnees.

The Gophers will again be without the best talent in the Big Ten, but fans have learned after last year's surprise 12-12 record that Minnesota has a chance to win every game.

Fitch will see to it that the Gophers are a determined, relentless defensive team, always looking for an opponent's mistake.

Fitch sees the season this way, "If Shannon can play as well as he's looked in practice and if Mikan comes through we'll have a pretty good ball club. But it's going to be tough to have a big season with our schedule.

"We've got the likes of UCLA, Notre Dame and Purdue. We catch Purdue in Rick Mount's last game at home. I think we better break his arm in the parking lot before the game."

Harriers Win Title

Congratulations are in order to Coach Roy Griak and his cross country team for winning the Big Ten title. The Gophers won the title November 15 at Bloomington, Indiana.

Minnesota was led all year by Proctor, Minnesota, freshman Gary Bjorklund and captain Pat Kelly of St. Paul, who Griak describes as an outstanding leader.

"Our boys did a wonderful job in winning the title," Griak said recently. "I can't emphasize enough how hard they worked to win the Big Ten."

THESE SPORTS FACILITIES ARE OPEN TO ALUMNI

University of Minnesota alumni are welcome to use University golf, tennis and skating facilities, according to Holger Christiansen, athletic finances and facilities coordinator.

Alumni must be members of the Minnesota Alumni Association to play at the University Golf courses. Rates are \$3.50 a round at the large course and \$1.75 at the short. An Alumni Association member may bring up to three guests with rates being \$4.50 and \$2.00, respectively.

Christiansen said the courses are usually open from about April 19–November 1 each year.

University tennis courts are available to all alumni on a first come first serve basis at .50 an hour.

The Williams Arena ice rink is open to alumni during recreational hours from October 15–March 15 at \$1.05 an hour. "Recreational hours vary from week to week and anyone interested should call the rink for the set times," Christiansen said.

STUDENT ATHLETIC TICKET SALES SHOW MAJOR DECLINE

ENTHUSIASM for Gopher athletics among students is becoming a little less enthusiastic each year.

A reason? Student athletic ticket sales are on the decline—so much so that this fall only one-quarter of the student body bought season passes.

The situation poses both morale and financial problems for the athletic department, which has found that the University's status as a metropolitan commuter campus places it in a unique position among Big Ten institutions.

"Let's face it," ticket manager Robert Geary told the Alumni News recently, "most of the students who buy season tickets live on campus—and with a student body that's at least 65 percent commuter things can get pretty tough."

This problem explains, Geary added, why schools like the University of Indiana (with a residential campus in Bloomington, Indiana) and Michigan State University (in East Lansing) can boast of season ticket sales to two-thirds or more of the student body.

Not only do most students at these schools live on campus, Geary said, but there are no local professional sports teams to compete with those of the universities.

Nonetheless, Geary admitted that neither he nor his athletic department associates can really explain the decline in student athletic ticket sales from 11,763 in 1968 to a little over 10,000 this year.

"We really don't know what happened—whether it was the tuition increase, general student apathy, the fact that the Gophers lost their first pre-season game, or what," Geary said.

In an attempt to explain the decline in sales, the athletic department conducted a student survey this fall in conjunction with a Marketing 75 class, that undertook the study as its term project. While awaiting publication of the report, department officials are examining an earlier study released by the Student Activities Bureau (SAB) this summer.

SAB's survey, which involved 1968 freshmen and undergraduate transfer students, was conducted by Roger D. Harrold, director of orientation, and staff member Edward B. Chapin, Jr.

Harrold and Chapin found that the freshman purchasers, who represent a higher proportion of season

ticket holders than any other student group, tended to come from the School of Education, Institute of Technology and School of Agriculture, Forestry and Home Economics. In general, they were the younger freshmen, 18 years old or less, from homes in which the father was in a professional occupation or farming.

In addition, a majority of the students came from out-state rather than the metropolitan areas, a finding that supports the fact that two-thirds of all residence hall freshmen buy athletic tickets. SAB also reported that freshman purchaser ranked higher academically than non-purchasers and that they tended to derive their financial support from their families.

Freshmen who did not buy season tickets, on the other hand, tended to be enrolled in General College and older than 21. They came from non-professional families in the metropolitan area and commuted to school.

These students, SAB found, had relatively weak pre-college records, generally ranking in the lower 60 percent of their high school classes. Most of them relied on work, savings or scholarships for financial support.

Transfer students who bought tickets tended to be in the 19-20 age group and from the state of Minnesota. As was true of the freshman purchasers, they lived on or near campus.

As Harrold and Chapin state in the preface to their report, "No attempt was made to discover *why* students did or did not purchase tickets. This remains for further study." They ask in conclusion:

"To what degree is convenience, in terms of residence, a factor? To what degree is the student's life style, or pattern a determinant in the buy versus not-buy decisions? How does the student's attitude and outlook on his university experience affect his decision to buy? . . ."

These and other questions the athletic department hopes to be able to answer as soon as possible—if for no other reason than that declining sales have produced something of a financial crisis.

"The department is in a unique position in that it is one of the few areas within the University which must create its own revenue," Geary explained. "We get no
(Continued on page 20)



STUDENT LEADER

TWENTY-one-year-old Joe Haubehofer is a nice looking, easygoing education senior who is convinced that many of the problems confronting today's students are the result of "too many people talking and no one listening."

Communication, in fact, is Joe's "thing" — the key factor in his decision to become a secondary education speech teacher, and the focus of his administration as this year's Union Board of Governors (UBOG) president.

"The whole idea of opening up channels of communication fascinates me," Joe told the *Alumni News* in a recent interview. "I try to apply it to every aspect of my life — my education, my future, and especially UBOG."

In line with this philosophy, Joe and UBOG Vice President George Hoff sat down together before school started this fall and organized a staff retreat. Its purpose: ridding the organization of any "communication hang-ups" by "really letting our hair down and getting to know each other."

As far as Joe recalls, this was the first time an entire UBOG staff ever got together for an off-campus weekend of "sensitivity training". He described the session, which took place in a rented conference room at St. Olaf College, Northfield, Minnesota, as "enormously, fantastically successful."

"We spoke to each other as individuals, not as officers or members of an organization," he continued. "We had all decided we were in UBOG to further our educations but we weren't sure exactly how to fit the two together."

"I think we knew a lot more about what we wanted to do when we came back. We really worked to increase our depth of perception."

Like many campus leaders, Joe brings a long history of student government and political involvement to his position as president. He attended St. Agnes High School in St. Paul, which he describes as "small enough so that you could really get involved in everything if you wanted to."

Joe obviously did. In addition to serving as Student Council president in his senior year, he played on the football, track and hockey teams and was active in theater.

"People told me I had a power complex," he reflected laughingly.

Power complex or not, Joe wasted no time getting

involved all over again when he got to the University. He served on the CLA Freshman Council and as a sophomore worked in UBOG's recreation area. The following year he was elected recreation area governor, a position he held until the then-UBOG president joined the reserves. Joe was chosen to fill out the unexpired term.

Re-elected last spring, Joe also ran successfully for College of Education representative to the All-University Assembly in the campus elections. He serves on that body's Committee on Student Affairs, which he finds "really exciting."

"The Assembly itself is a great improvement on the separate faculty and student senates we used to have," he added. "We're no longer playing student government — now we can really have an impact on policy."

Joe also finds that this year's Assembly meetings have disproved "the fallacy that there's some kind of inherent student-faculty split. It's really fun to see faculty fighting faculty sometimes."

Propelled into the status of "student leader" last spring, Joe found himself participating in the myriad meetings that followed the Morrill Hall incident and consequently dropped several courses in order to keep up.

As a result, he had to attend both summer sessions, an experience which left him "really disillusioned, completely disgusted with everything about the University. I had to get away."

"Getting away" is putting it mildly. Capitalizing on the six-week break between second summer session and fall quarter, Joe fulfilled a "long-standing ambition to be a bum" by setting out on a 4,000-mile hitchhiking jaunt.

He headed first for Texas, then hitched his way through that state to Louisiana, down into Florida, up through the Southern states to West Virginia and on up the East Coast, through New York, Pennsylvania, Ohio, Indiana, Illinois, Wisconsin and back to Minnesota.

Joe estimates that the whole trip cost him "about \$20 — I couldn't believe it. People gave me meals, rides, a place to spend the night — one man even gave me money."

"What amazed me was that people actually *cared*, they were honestly concerned about what happened to me. The whole thing really restored my faith in humanity. I came back super-sensitized."

JOE HAUBENHOFER UNION BOARD OF GOVERNORS

As UBOG president, Joe has tried to translate that new-found sensitivity into a philosophy of programming for the Union. He seeks especially to redefine "the entire concept of a student union; I want people to think of it as a means of extending themselves and their educations, not as just a building."

That, Joe admits, is a difficult task. He is aware that "too many students view the Union simply as a place to sleep, or a place to study, or as a giant lunchbox."

What distinguishes UBOG members, he added, is that they see in the Union "an opportunity to program. We have all kinds of people on the board — even a pharmacy major — but I think they're all excited by what I want to do and the impact we can have."

Joe's plans for creating "an environment of communication" in the Union are both diverse and, he hopes, innovative. This quarter, for example, UBOG sponsored speakers from groups ranging in viewpoint from the ultra-conservative Young Americans for Freedom to the militant Student Non-Violent Coordinating Committee.

The board also continued its successful operation of the basement coffeehouse, The Whole, and initiated a Wednesday "five-ring circus" called Potpourri which Joe describes as "an organized free-for-all featuring everything from a speaker from the Honeywell Project to squirt-gun fights."

Though traditional UBOG functions such as the Friday night dances and Ski Trains (two of which are planned this winter, one going west and the other north) have not been slighted, Joe admits that he is particularly proud of the new projects undertaken during his administration.

One of these was UBOG's participation in the Liberation Coalition formed to support the three students indicted after the Morrill Hall takeover. Another, exemplifying Joe's insistence that the physical structure of the Union not be confining, was the board's sponsorship of Senator Eugene McCarthy's campus appearance last spring.

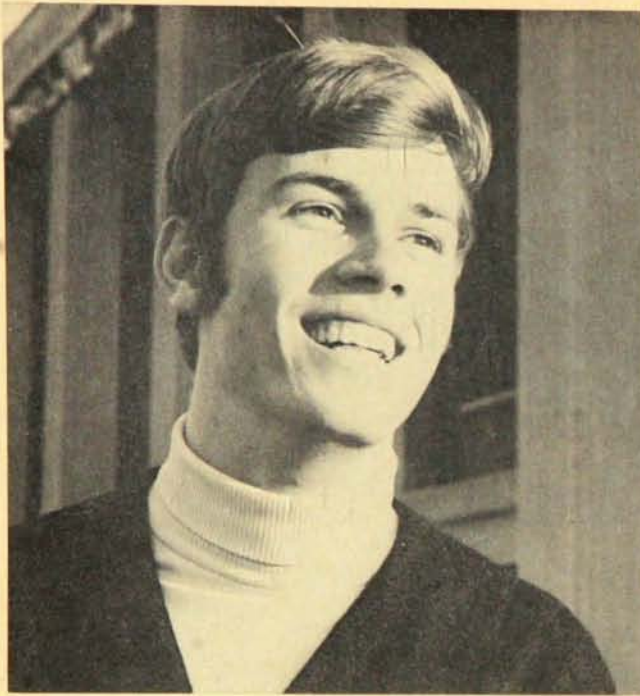
"We wanted as much involvement and communication between McCarthy and the students as possible," Joe explained, "so we sat him on a coffeehouse stool on the Mall. He had a mike and there was one in the audience; that way everyone had a change to participate."



Currently UBOG's major project is a one-and-a-half-week Creative Arts Festival scheduled for January. Formerly a small-scale venture sponsored by the College of Liberal Arts, this year's festival will bring in participants from a five-state area for workshops and competitions in dance, art, music, drama, photography, literature and the film.

Though pleased with his and UBOG's accomplishments thus far, however, Joe admits that the organization has its share of shortcomings and complaints.

One of these, "a real weak point," is the board's minimal cooperation with the St. Paul Student Center Board of Governors and the West Bank Union.



"We try not duplicate their programming, but that's about the extent of it," Joe explained.

"St. Paul, for example, is planning its own Ski Train. That's ridiculous. We ought to be able to get together with them, and with Duluth, too, and organize one big, really good trip."

Joe is also distressed by what he sees as "the undue, really adverse influence outside forces can exercise on the University." He cited the furor over the now-famous Green Lake Freshman Camp weekend as an example.

"Parties interfered in that situation that literally had no idea of what was going on. It really bugs me that people from outside the University — people not the least bit cognitive of what the campus is like today — think they can dictate what we do and don't do."

But at least one good thing came out of that incident, Joe added: "The administration found out that when students undertake something they're willing to take responsibility for it. We feel what we're doing is important and we can explain why."

"When the flak flies, we'll throw it right back."

As an individual, Joe feels being thrust into a position of leadership and responsibility has forced him "to grow up, to face issues I would've copped out on before . . . I'm much more aware now of what's going on and what has to be done about it."

As for the future, Joe's term as UBOG president expires in April and he'll spend spring quarter student teaching. He hopes to finish up his speech major and English minor in time to graduate this summer, after which he'll pursue that over-riding interest in communication as a high school speech teacher.

"There are a lot of anxieties within the secondary school student," Joe commented, "but I think he often finds it very difficult to get them out in the open. Sometimes there's just no one around who's willing to listen."

Above all, Joe feels that "it's very important to learn how to express yourself, to understand that it's not what you say but how you say it that counts. There's a lot of difference between giving a speech in a silk suit and giving a speech in a bathing suit."

Whether he wears a silk suit or not, chances are there'll always be someone around to listen to Joe Haubehofer.

STUDENT TICKET SALES . . .

help from the Legislature, so naturally a large part of our income has to come from ticket sales."

Student athletic tickets, Geary said, sell for \$17, representing a saving of about \$103 if the purchaser attends every football, basketball, hockey, wrestling, swimming, gymnastics, baseball and track event to which he is entitled. Geary added that even if the pass is used solely for football games there is a \$19 saving over the \$36 charged other season ticket holders.

Pending the results of the fall quarter survey, Geary said, the department is considering splitting up the student ticket sales on an individual-sports basis — offering one season pass for football, another for baseball, and so on.

Such a step, however, is not even in the planning stages at present. As Geary explained, "We're toying with all kinds of ideas and possible changes, but we can't act on any of them until we really know why students aren't buying tickets anymore."

"The SAB study gave us a good set of statistics to work with, but it mainly covered freshmen and it didn't go into the reasons for the decline in sales. We'll have to know a lot more before we decide to do anything — but we are going to do something."

Geary and his colleagues can take some encouragement, meanwhile, from ticket sales to University staff and the general public this fall. The former group bought about 3,500 season passes — an 8 percent increase over last year.

Geary said that he thinks this increase can be primarily attributed to a newly-adopted plan which allows staff members to pay for their tickets on an "installment" basis: a fixed sum is deducted from their payroll checks every two weeks. It is possible that a similar plan will be worked out for students who find it difficult to raise the lump sum of \$17 at the same time as they are being hit with tuition and book costs.

Sales to the general public, Geary said, registered a "negative gain"; at 16,000, they stayed at the same level as in 1968, but did not decrease as has been the case for the past few years.

THE ALUMNI BOOKSHELF

Featuring reviews of books written by,
about and of interest to Minnesota alumni.

DICTIONARY OF USAGE AND STYLE. Paperback. By Roy H. Copperud '42BAJourn. New York: Hawthorn Books, Inc., 1968. \$3.50. (Hard cover, \$6.95).

A member of the University of Southern California (USC) journalism faculty since 1964, Copperud authored "Words on Paper", another volume on usage that was published in 1958. Since 1954 he has conducted the Editorial Workshop column on usage and style that appears in Editor and Publisher magazine.

Copperud's newspaper career includes work on the Baltimore Evening Sun, the Milwaukee Journal and the Los Angeles Times. He has directed summer training programs for the Washington Post, has served as consultant to the English-Language Institute of America, and is on the Usage Panel for the soon-to-be-published "American Heritage Dictionary."

First issued in 1964, the *Dictionary of Usage and Style* contains the correct contemporary usage for thousands of words and points of style in writing.

Designed as a reference guide for writers, editors, teachers and even students, Copperud's book is alphabetically arranged, carefully cross-referenced and irreverent in its view of pedantry and dogmatism. The USC associate professor looks at the language from many directions, — and recognizes changing preferences.

A Copperud comment: "If a sentence doesn't sound right, it isn't good, whether the infinitive is split, rewoven, braided or sawed in half."

In his introduction to the *Dictionary*, J. R. Wiggins, former editor of the *Washington Post* and recently named U.S. Ambassador to the United Nations, suggests, "This is not the sort of book on writing that is going to turn out a generation of writers who will sound like Copperud. If it is consulted carefully and frequently, it ought to help turn out a generation of writers who sound like themselves when they are writing clearly and carefully."

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THE UKULELE. By Nicole Puleo '68MA. Appearing in the anthology "Growing Up in America", pps. 87-95. New York: Doubleday & Company, Inc., 1969. \$5.95.

Miss Puleo, now 25 years old and living in Marine on St. Croix, Minnesota, was born in Cleveland and graduated from Ohio Wesleyan University in 1965. After a year on a creative writing grant at The Helene Wurlitzer Foundation, Taos, New Mexico, she

entered the University as a graduate student in English.

While at Minnesota, Miss Puleo had her work published in the "Academy", the College of Liberal Arts (CLA) Honors Division journal, and was one of the top winners in the creative writing contest sponsored by the CLA Arts Festival.

Nicole Puleo recently made her debut as a published author in this anthology of autobiographical short stories and essays, *Growing Up in America*. Her story, "The Ukulele," was selected by editor Robert A. Rosenbaum from more than 200 entries submitted by college students and instructors from throughout the country.

Growing Up in America, which has received nation-wide circulation, presents the works of 23 students arranged thematically under such headings as Childhood, Education, Leaving Home, Love, and Black and White.

"The Ukulele," which Miss Puleo wrote while studying for her master's degree, is contained in the section entitled Mothers and Daughters. It is a semi-autobiographical short story based on a two-week August vacation the author spent with her family in Cleveland.

The tale focuses, as its heading would indicate, on the intense relationship between mother and daughter established during the two-week period. It is not a "generation gap" story; rather it is a refreshing, warm account of two individuals whose attempts to translate love into meaningful communication lead to a deeper self-understanding than either would have thought possible.

Miss Puleo's style, relaxed and unpretentious, is perfectly suited to the sympathetic, always human portrait she draws of her mother. The depth of the relationship between the two is casually understated, as when the author describes her conversations with her mother:

"She talked about her worries, about my two brothers, about my older sister, about the vertigo of depression that seized her at night. She explained how a mother feels when her children are almost grown and gone, how she can no longer find anything real in her life.

"I talked about my loneliness, about school, about finding most men my age infantile."

There are constant touches of humor, but always with a bittersweet overtone. As the vacation draws to a close, for example, daughter treats mother to a double feature at the neighborhood theater:

"The movies were *Butterfield 8* and *Cat on a Hot Tin Roof*. At the beginning of the first, Elizabeth Taylor was walking around in her slip. I whispered to my mother, 'I think she's kind of hefty, don't you?'

"She leaned across the armrest to answer, kindly, 'Men like 'em that way.' My mother herself weighs a hundred, has wealth of neither bosom nor buttocks . . ."

The ukulele referred to in the title is a symbol, the impact of which strikes the reader only after he has finished the story. The daughter has lugged it home with her because she hasn't had time to play it at college; in the end she lugs it back, untouched, still in its cardboard case. It is a childhood relic, forgotten during two weeks of intense self-discovery. — L.N.

✻ ✻ ✻

TRAGIC BEING: APOLLO AND DIONYSUS IN WESTERN DRAMA. By N. Joseph Calarco '66BA. Minneapolis: University of Minnesota Press, 1968. \$6.00.

This is an ambitious study that seeks to understand, according to its author, "the hidden order beyond tragedy's visible circle of action and suffering, and of the value which that order assigns to human existence." It is, as this suggests, something more than mere literary criticism. It is, in addition, an exploration of the meaning of history to Western man. Accordingly, Calarco seeks to move outside the traditional conceptual framework of literary criticism and draws upon concepts borrowed from Friedrich Nietzsche and historian of religion, Mircea Eliade.

From Nietzsche he adopts the Apollonian/Dionysiac duality in order to discuss the concrete and philosophical tension of tragic drama. The Apollonian, according to Calarco, represents man's desire for balance, order and the avoidance of extremes — the illusion of tranquility. The Dionysiac, on the other hand, represents the human urge toward orgiastic ecstasy which shatters the boundaries between individuals. It is, according to Calarco, the search for reconciliation of these polarities which informs tragic art until the nineteenth century.

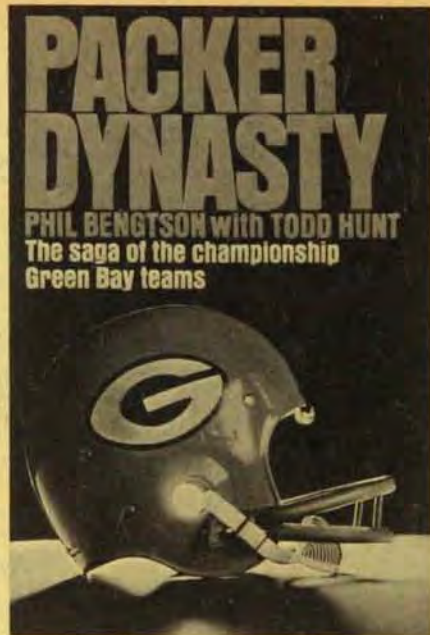
Calarco links both the Apollonian and Dionysiac to what Eliade has called the archaic or "anhistorical" view of human existence. That is, the meaning for human action is found, not in time, but in some version of eternity.

In his study, Calarco seeks to show that tragic art has developed in terms of a shifting relation between historicist and anhistorical elements, between a world view in which the value of human existence is mediated by time and one mediated by eternity.

He traces this development from the *Oresteia* through modern tragedy. Following Eliade's view that modern man lives wholly within an historical world, Calarco argues that since Hegel and Racine there has been a transition in modern drama to pure historicism. With this shift, the essentially metaphysical polarities of Apollo and Dionysus have been replaced by the paler, "psychological" concepts of Reason and Passion.

Calarco believes that this shift toward historicism has removed the essence of tragic art, and that modern "tragedy", with a few exceptions, fails to provide "an adequate valorization of the tragic hero's existence and suffering." Western man now lives in time, Calarco implies, but time cannot provide the values necessary to explain human suffering.

Calarco's insights are occasionally profound, and the book on the whole is highly provocative. The major problem, it seems to me, is Calarco's failure to clearly



In the spring — A School of Journalism graduate and Daily writer tackles the Packers!

define his own conceptual scheme. The lack of clarity in the framework occasionally clutters its operation and clouds many of Calarco's genuine insights into tragic dualities. But despite its unnecessary difficulty, *Tragic Being* is well worth the effort it demands of the reader. — M.P.

✻ ✻ ✻

FAITH OF OUR FATHERS, THE EASTERN ORTHODOX RELIGION. Fourth Revised Edition. By Stan W. Carlson '36BA. Minneapolis: Olympic Press, 1969. Pp. 176. \$3.00.

Stan W. Carlson has written 26 published books, with combined sales of almost 400,000. His best-selling sports work includes "Lou Gehrig, Baseball's Iron Man"; "Football Fables, An Anthology of Gridiron Humor"; "Baseball Banter, An Anthology of Baseball Humor", and "Dr. Henry L. Williams, A Football Biography". He has also written volumes on photography, and military history and tactics.

During Minnesota's 1958 centennial celebration, Carlson was twice honored as a state author and as a Minnesota Sports Champion. And, several years ago, he was presented with an honorary life membership in the American Society of Authors and Writers.

The recently issued fourth edition of *Faith of Our Fathers*, called by leaders of the Eastern Orthodox religion "the best single volume on Orthodoxy ever published," was first issued in 1954.

Since then it has sold 40,000 copies and is now a standard work for use in seminaries, by religious educators, and in Sunday Schools. *Faith of Our Fathers* is also an excellent book for the general layman, offering as it does, a clearly written and lucidly organized survey of the Eastern Orthodox religion.

The ten sections of this volume, which present a fount of understandable information relating to the history, teachings and practices of the Orthodox Church, include History of the Orthodox Church, The House of Worship, The Divine Liturgy, The Great Lent and Easter, The Twelve Great Feast Days, A Short Catechism, Prayers and Orthodoxy, Bible References, The Orthodox Calendar, and an Orthodox Dictionary.

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JOHN MILTON AND HIS COMMONPLACE BOOK.

By Ruth Mohl '13BA. New York: Frederick Unger, 1969. \$11.00.

Professor Mohl's study is directed toward Milton scholars. In it she attempts to demonstrate the way in which Milton incorporated material from his wide reading into his own prose and poetry. The "commonplace" book was a journal in which Milton recorded quotations and ideas gleaned from other authors under appropriate headings.

In this analysis of Milton's translation of commonplace entries into his artistic works, Professor Mohl has significantly expanded our understanding of Milton thought and his poetic processes. The narrow focus and prohibitive cost, however, ought to discourage the general reader. — M.P.

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RUSSIA UNDER THE LAST TSAR. Edited by Theofanis Stavrou. Minneapolis: University of Minnesota Press, 1969. \$2.45 paper.

Dr. Stavrou is a professor in the University's history department. One of the contributors to this volume is alumnus Roderick E. McGrew '55BA, now a professor of history at Temple University.

This impressive collection cannot be adequately dealt with in a short review. Professor Stavrou has brought together eight first-rate essays that explore the major issues which confronted imperial Russia during the two decades prior to the Revolution of 1917 — a period of great importance that is too often ignored because of the drama of the Revolution itself.

Arthur Mendal provides an historiographical introduction to the differing interpretations of the period, a helpful beginning. Robert Byrne surveys the often neglected field of pre-Revolution conservative thought,

DECEMBER, 1969

and Donald Treadgold clarifies the varieties of Russian radicalism. Thomas Riha examines the contradictions of the Imperial constitutional reforms. Professor Van Laue explores the motives and achievements of Russian efforts to build an industrial economy and the insoluble problems this raised for the traditional society. Professors Alexander Vucinich and Gleb Struve look at changes in Russian academic and cultural life and their effects on political and social developments. A final essay by Roderick McGrew explores the "imperatives" of traditional Russian foreign policy.

As this list of contributions indicates, the sweep of the volume is wide. For those interested in the origins of Soviet state and society, however, these essays dealing with the reign of Nicholas II — the last Tsar — should prove to be both highly informative and provocative. — M.P.

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BUENOS AIRES: RETRATO DE UNA SOCIEDAD HISPANICA A TRAVES DE SU LITERATURA. By H. Earnest Lewald '51BA '55MA '61PhD. Boston: Houghton Mifflin Company, 1968.

Dr. Lewald, who taught for eight years at Carleton College, Northfield, Minnesota, recently joined the University of Tennessee faculty. He is professor of romance languages and heads a new area studies program dealing with Latin America.

THE YEAR OF THE PEOPLE



EUGENE J. Mc CARTHY

In the spring . . . the story of
a presidential campaign from
Minnesota's senator and an alumnus.

This Spanish reader provides an in-depth study of a Latin American city in South America as it is represented in some of Hispanic culture's best literature.

Buenos Aires: Retrato de una sociedad hispanica a traves de su Literatura draws together selections from 24 authors to form a portrait of Buenos Aires, largest urban center of the Spanish-speaking world. Dr. Lewald has chosen writers who explore diverse aspects of the city's culture — its people, their attitudes and problems — and writers who expose some of the underlying, often invisible realities that have a decisive effect on the lives of the city's people.

Though intended for use by second-year college students of Spanish, the reader is useful for anyone who speaks Spanish to enhance his reading ability, or for Spanish-speaking travelers soon to visit Buenos Aires.

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T. S. ELIOT: MOMENTS AND PATTERNS. By Leonard Unger. Minneapolis: University of Minnesota Press, 1969. \$1.95 paper.

Dr. Unger is a University of Minnesota professor of English.

T. S. Eliot may well be the greatest English language poet to have written in the first half of the twentieth century. The body of work that he left is as substantial as it is difficult. The re-issue of Leonard Unger's excellent series of critical essays of Eliot's poetry raises some interesting questions on the way in which Eliot may be comprehended for a new generation of readers.

Unger's essays are all outstanding examples of a kind of literary criticism that Eliot himself initiated. Reacting against the personal or historical interpretations of the Victorian period, critics in the twenties insisted that the work of a literary artist had to be approached in its own terms, that elements not intrinsic to the work itself be strictly excluded.

This approach was a necessary corrective to the vapid essays of the nineteenth century critics, perhaps,

but too often makes the work of art into a timeless entity, like Yeats' sculptured birds in Byzantium. All too often, one comes away from Unger's brilliant discussions of Eliot's imagery and structure impressed but vaguely dissatisfied.

The problem, for me at least, is that poets exist in time and their ideas and anxieties are shaped by their times. To understand Eliot's concern with the cycle of civilizations, for example, it is illuminating to see it within the context that gave rise to H. G. Wells, Toynebee and Spengler.

Unger's volume, it seems to me, clearly develops both the accomplishments and the limitations of the "new criticism". It provides an excellent introduction to the poetics of Eliot's poetry, but leaves unanswered larger questions about Eliot and his generation. — M.P.

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WASHINGTON IRVING'S CONTRIBUTIONS TO THE CORRECTOR. Edited by Martin Roth. Minneapolis: University of Minnesota Press, 1968. \$4.50.

Dr. Roth is an associate professor in the University's English department.

Washington Irving, the creator of memorable comic figures such as Ichabod Crane, has come down to us as a somewhat gentle, genial fellow. In this collection of some of Irving's political contributions, however, Professor Roth has opened up another dimension of his character.

The Corrector was a short-lived political journal edited by Irving's brother. From it, Professor Roth has brought together forty-five pieces of first-rate political invective — low, abusive and highly enjoyable — authored by Irving as campaign literature for Aaron Burr in the New York gubernatorial election of 1804. In addition, Professor Roth has provided a long introduction that places Irving's political writing in the tradition of eighteenth century satiric writing. — M.P.

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REUNION

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ARVILLE SCHALEBEN '29



DR. JAMES E. PERKINS '29



MAXINE NATHANSON '44

1929—the stock market crashed, bread lines stretched for blocks and the 20's stopped roarin' in a hurry.

Not the best year for young University graduates to set forth into an awaiting world? Maybe not. But, judging from the results of a recent Reunion by Mail, at least, the Class of '29 seems to have met the harsh challenges of the Depression successfully.

Reunions by Mail were conducted last winter for both the Class of '29, celebrating its 40th anniversary, and the Class of '44, marking its 25th. About 250 alumni return questionnaires, their responses revealing a great deal about themselves, their families and their careers.

The Class of '29 boasts its share of illustrious members. Among them:

Stanton Aby '29BA—vice president of Dain, Kalman & Quail, Minneapolis investment house.

H. William Blake '29LLB—chairman of the board, Northwestern National Bank of St. Paul.

Dr. Ralph H. Boos, '29DDS—president, Henry P. Boos Dental Laboratories, Inc., Minneapolis. Boos is also an inventor, with patents for the gnathodynamometer and a sporting goods item to his credit. He's a veteran of numerous world lecture tours and managed to fit an African safari into his busy schedule.

Dr. James E. Perkins '29MD—managing director of the National Tuberculosis and Respiratory Diseases Association and past deputy commissioner of the New York State Department of Health.

Perkins, who won the University's Outstanding Achievement Award in 1951, is married to the former Anna F. Diehl '29BSN, sister of Dr. Harold Diehl, longtime dean of the College of Medical Sciences.

Dr. Claydon D. Robbins '29BS '38MA '53PhD—dean of education, Moorhead State College, Minnesota.

Clarence A. Roloff '29LLB—District Judge, 8th Judicial District, Minnesota.

Arville O. Schaleben '29BSJourn—associate editor, *The Milwaukee Journal*. Schaleben shared the Pulitzer Prize in 1967 and is an ex-chairman of the Milwaukee School Board.

H. Arthur Shobaker '29BChemE '30MSChE—an inventor with more than 60 U.S. patents in the field of catalysts.

Houstin Shockey '29LLB—chief of the International Operations Branch, Chief Counsel's office, Internal Revenue Service.

Dr. Theodore Zekman '29BS—chairman emeritus, Departments of Ophthalmology, Michael Reese and Cook County Hospitals, Chicago.

The list, of course, is far from complete. The Class



DR. RALPH H. BOOS '29, outdoorsman and big game hunter, with a stone sheep in British Columbia, Canada, in 1966.

of '29 has also produced at least two mayors: *Melvin Klasse '29AMS*, two-term mayor of Westbrook, Minnesota, as well as a former bank president and postmaster there; and *Dr. Willard Nordman '29MD*, mayor of Mora, Minnesota.

There are also at least two '29 alumni who have distinguished themselves as members of the faculty of their alma mater — *Les Bolstad '29BA*, University golf coach, and *Gertrude Roff '29*, director of continuing education for women.

Peter P. Colosimo '29BS, head of the Physical Education department at Shorewood High School, Shorewood, Wisconsin, served on the U.S. Olympic Swimming Committee in 1948. "During the 32 years that I coached swimming I won 11 Wisconsin state championships," he wrote.

Several '29ers have been successful in local politics, among them *Lawrence E. Johnson '29BArch*, member of the Minneapolis School Board, and *William Ward '29LLB*, Wisconsin Assemblyman from 1957 to 1965.

And then there is *Arthur Armstrong '29MEd*, whose activities 50 years ago make today's campus protests seem old hat. Wrote Armstrong:

"[I] helped stage the first high school shutdown-sit-in (Bolshevik Day!) in 1919 at Humboldt High School, St. Paul. Organized first student boycott, of chapel at Macalester College, 1921 . . ."

Armstrong went on to initiate youth participation in the President's White House Conferences in 1950; he also established a youth exchange with Europe through the International Red Cross that later became the American Field Service.

Finally, there is *Mrs. Rachel Hill '29BA*, a homemaker in Excelsior, Minnesota. Her accomplishments,

Well, she has three children, seven grandchildren, an active interest in community projects — and is "healthy, lucky, and happy."

THE Class of '44, though 15 years younger, seems to have done equally well for itself. Its members saw their world change momentarily during their four years at the University; Pearl Harbor brought the United States into war and turned the campus into a military post for a while, complete with khaki-clad lines of marching men and the accompanying Red Cross blood drives, bandage rolling parties and war bond promotions.

Those who left with diplomas in 1944 found the world at peace a year later. They were among the first University graduates to take full advantage of the opportunities offered by the post-war boom, as is obvious from their accomplishments:

Edward Asplin '44BBA, a former vice president of Northwestern National Bank of Minneapolis, now serves as vice president and director of the Bemis Company, Inc., and on the Board of Directors of Eitel Hospital. His book on multi-unit banking organizations was accepted by the Harvard Business School Library.

Dr. S. Steven Barron '44MD, former director of laboratories for both Mt. Sinai and Minneapolis General Hospitals, is now director of laboratories at Chicago's Grant Hospital and a member of the University of Illinois Medical School faculty.

Robert G. Bruce, '44BMeE '58MA is assistant city coordinator of the City of Minneapolis.

Conway C. Vurton '44ChemE is president of Chicago Testing Laboratory, Inc.

Dr. Robert B. Howard '42BA '44MB '45MD, chairman of the Association of American Medical Colleges, serves as dean of the University's College of Medical Sciences.

Dr. Howard's wife Lorraine is also an alum: she graduated with a BA last June.

Harold F. Ring '44BChemE is vice president of Ring Construction Corporation, Minneapolis.

Dr. Harold E. Sponberg '44MA, former president of Washburn University in Topeka, Kansas, now serves as president of Eastern Michigan University in Ypsilanti.

Dr. Sponberg, however, offered an admission for a college administrator on his Reunion by Mail questionnaire: "MA given in '44 — but I didn't pay my fee — I was in the war."

Like '29 alumni, members of the Class of '44 are not immune from political aspirations. *Dr. Leo Bernat '44BChemE*, a private industrial relations consultant and author of numerous publications, ran for the DFL endorsement for 2nd Ward Alderman in Minneapolis last spring.

Dr. Q. E. Fortier '44MD won the Republican nomi-

nation for Nevada Assemblyman from Las Vegas last year, but was defeated in the November elections. *Russell B. McCall '44BS*, administrator of Ladd Memorial Hospital in Osceola, Wisconsin, has served as treasurer of the Osceola Board of Education for 15 years. And *Mrs. Jane F. Seifert '44BBA* is married to the mayor of New Ulm, Minnesota.

Other members of the Class of '44 take pride in the accomplishments of their children. *Mrs. Florence L. Pribyl's* son played on the Gopher football team; the middle son of *Dr. Roy T. Pearson '44MD* is a member of the Brothers Four.

Wrote *James Doell '44BChemE*: "1968 was a big year for my older daughter: she graduated from high school, rolled my automobile while I was in Europe (no personal injuries) and got married."

One of the most active female members of the Class of '44, *Mrs. Maxine Siegel Nathanson '44BS*, who was co-chairman of Homecoming and the blood donating drive, is listed in *Who's Who of American Women*, as is *Mrs. Helen S. Berger '44BS*, a senior librarian with the Los Angeles Public Library.

Mrs. Miriam Seltzer '44BA is a member of the Minnesota State Board of Education; *Mrs. Ravina Gelfand '44BA* has published three children's books, two of them dealing with freedom of speech and religion in America.

Mrs. Lois Mae Swinson '44BA, a Navy Chaplain's

wife, also finds life interesting. "Have moved 24 times in my first 21 years of marriage," she writes. "Have suitcase, will travel."

Classmate *Marjorie M. Lantto '44BA*, however, reports, "No news—just routine work, eat, sleep, etc. Nothing currently newsworthy or exciting."

The reverse seems to be true for *Earl Christensen '44BAeroE*, who in 1965 spent eight weeks in New Guinea as a lay missionary. Christensen also had a crack at Phineas Fogg's famous record: he went around the world in 80 days and nine hours.

Lawrence T. Fadner '44BEE, an electronics engineer with the Department of Defense, embellished his Reunion by Mail questionnaire with the multi-colored imprint of four rubber stamps.

One concerned his authorship of a book published by Vantage Press, *Fort Wilkins 1844 and the U.S. Mineral Land Agency 1843, Copper Harbor, Michigan, Lake Superior*. Another announced his status as an amateur radio operator and a third, in Gothic script, read "Fadner Point, Manitou Island, Lake Superior." The fourth said simply: "Lawrence T. Fadner, Proprietor, Keweenaw County, Michigan."

Finally, there was a notation from *Dr. Adrian Bodelson '44MD*, an obstetrician-gynecologist in Santa Fe, New Mexico. Under "Special Honors," Dr. Bodelson wrote simply: "Father of 10."

At least he's in the right profession.



AT LEFT, Mrs. Hazel Johnson '29, opening Christmas gifts. ABOVE, Rachel Hall '29.

**This is your University . . .
serving four states with a
unique air-ambulance service**



THE birth of a tiny premature baby in a small community can be a matter of life and death if the area's hospital is not equipped with specialized equipment and personnel.

Such was the case last August when Mrs. Robert Albrecht gave birth to a two-months premature infant in the small town of Karlstad, Minnesota. Tiny Mary Albrecht tipped the scales at a hefty pound-and-a-half; her weight dropped even lower during the first week of her existence.

Concentrating all of their medical skills and attention on the baby, Karlstad's two young general practitioners nursed her through a critical 20-day period and even saw the infant register a weight gain of several ounces.

Despite their best efforts, however, by September Mary weighed only 1 pound, 6 ounces, and the doctors feared for her survival. Fortunately, at about the same time the story of the infant's struggle appeared in a daily Minneapolis newspaper, attracting the attention of Dr. Arnold Leonard '56PhD, head of the Pediatrics Surgery department at University Hospitals.

Dr. Leonard contacted the Karlstad Hospital and arranged for the baby to be airlifted to the University via helicopter. A team of doctors was dispatched to Anoka Airport, where a chartered plane was waiting to fly them to the small rural community.

Tiny Mary, transported in a specially-equipped intensive care unit, was flown back to Anoka and then on to University Hospitals via helicopter. As of the middle of November she weighed 5½ pounds and was set to go home pending her mother's recovery from a case of the measles.

Mary's case is not unique. During the past year some three dozen seriously ill or premature infants have been flown to the University by the hospitals' air ambulance service, the first of its kind in the nation.

Operated by the Pediatrics Surgery department, the service covers a four-state area. It is headed by Dr. Leonard, an associate professor of pediatrics, who helped to adapt and modify much of the special equipment used aboard the plane as well as that used in the intensive care unit at the hospital.

The equipment, Dr. Leonard said recently, includes a portable self-contained incubator with its own heat and oxygen supply, a computerized cart for monitoring a baby's critical body systems, and a small infusion pump to control the intravenous tube feedings.

AFTER THE UNIVERSITY'S air-ambulance helicopter lands on the roof of the parking ramp behind Coffman Memorial Union on the Minneapolis campus, an infant, transported from anywhere in a four-state area in a specially equipped onboard intensive care unit, is rushed to the University Hospitals next door.

The infant is transported in an isolette, an enclosed oxygen box that provides complete sterile protection.

Once the baby arrives at the hospitals, it is taken to the Pediatrics Surgery department and placed in an intensive care unit for premature infants on Station 56. The station, which consists of three small rooms, handles more than a dozen infants at one time on the average.

Dr. Leonard, who earned his PhD under Regents Professor Dr. Owen Wangenstein and has practiced medicine at the University since 1956, stressed that the intensive care operation is a "combined effort" with his associates, Dr. Russell Lucas, associate professor of pediatrics, and Dr. Gary Gathman, assistant professor of pediatrics, both of the Pediatric Cardiology department.

Dr. Lucas and Dr. Gathman, Dr. Leonard explained, helped to develop the special techniques used in working with the x-ray and other diagnostic equipment found in the intensive care unit.

In addition, Dr. David Brown, assistant professor of pediatrics and laboratory medicine, set up a special "micro" laboratory in the hospital to analyze the few drops of blood taken by pricking an infant's heel. The babies' weight is measured in grams and medications are given in tenths of milliliters.

Dr. Leonard, who helped found the Pediatrics Surgery department in July of 1968, said he hopes that other specialized equipment and techniques can be developed for the premature care unit this year. Currently another area, Station 45, is being remodeled into a computer-monitored intensive care unit for 18 infants; it is expected to be ready for use this month.

Dr. Leonard took a year's specialty training in pediatric surgery to prepare himself for heading the department and air ambulance service. He said he believes that the service is the only one of its kind in the country at present, although several hospitals maintain other types of helicopter airlifts and others are establishing them.

Station 56, despite the constant entrance and exit of dozens of nurses, doctors, aides, orderlies and technicians with testing equipment, is one of the quietest places in the hospital. Only the steady ticking of electrocardiographs breaks the silence.

Even with the abundance of specialized equipment and trained personnel, however, Dr. Leonard and his staff agree that an infant cannot truly progress and grow healthy without the treatment only his mother can supply — tender, loving care.

For that reason, whenever possible the mother is encouraged to feed her own child. The small rooms are equipped with rocking chairs as well as x-ray machines, and gaily-painted clown faces and flowers adorn the walls and windows.

A UNIVERSITY REPORT

GREEN LAKE

THESE comments, from a letter by University Vice President for Student Affairs Paul Cashman to an concerned parent, were part of the early explanations of the Green Lake program:

“ . . . One of the common charges against universities is that they retreat in fear from the onslaught by a few — or many — students upon the reasonable standards that formerly were supported by universities. Another is that we cater to the whims of students in an attempt to ingratiate ourselves with young people. I can assure you that this is not the case, of course, but instead I'd like to express my point of view about what I think we are trying to accomplish.

“Anyone who looks carefully at the current generation of young people, or the generation just before this group, recognizes that the old authoritative structure is unacceptable. The result of this kind of approach has been a greater and greater gap between what we expected of young people and what they did.

“This has been as true for parents as for institutions. Old moral standards have been overthrown, old ways of doing things changed, and so on.

“Many of us have been trying to find new ways of approaching the situation, not to ignore it but to get into a position to have some communication of depth with young people and some influence on their thinking about questions of value . . .

“The Green Lake approach was part of this same concern. A group of upperclass student counselors and members of my own staff wished to get at some of the kinds of problem decisions students must make when they come into the University. Probably no issue becomes a matter of concern to the same extent as decisions about living standards. The movement from rooming houses to apartments, from highly-regulated dorms to less rigid dorm configurations and so on all create difficult problems for our students.

“Green Lake attempted to explore the implications of developing relationships under such conditions. It really was not a radical or revolutionary program in terms of behavior. It may prove to have been an error . . .

“But what is intended is a concerned approach to students rather than a cavalier one. We believe this is what parents really want from us . . .”

The fall University Freshman Orientation weekend at the camp was explained to the public recently through a report prepared by Professor Gisela Konopka, special assistant to Cashman.

The report was drawn to correct public misunder-

standing about the sleeping arrangements of 130 male and female freshmen who were at Green Lake during that weekend.

Professor Konopka, a member of the social work department faculty, concluded that “the weekend had been planned very responsibly on the part of the staff and students, and that there was no ‘experimentation’ on young people.”

She also noted that the weekend “fulfilled as much as possible the purposes of Freshman camps at the University, especially (in the freshman) learning to become a more mature, independent human being and (developing) responsibly a set of values.”

The camp “was more successful than most camps I know of in the area of involvement of students in planning and implementing program,” she said.

But, “I think we did not realistically anticipate the impact of a climate of distrust toward young people and the University in our State.”

Mrs. Konopka based her conclusions on the reports of Green Lake counselors and staff, the booklet that was given to participating students, and interviews with members of the camp staff, the five counselors who planned the Green Lake program and five freshmen who attended the camp.

In an attempt to ease the furor caused by the local and state press in attacking the sleeping arrangements, Konopka said that approximately half of the students in the camp did not sleep in rooms where boys and girls were together. Instead, they slept in small rooms with four occupants, with all of the same sex in one room like a hotel arrangement.

Approximately one-half of the freshmen spent the night in very large rooms with bunk beds. There were 16 students in these rooms — 8 boys and 8 girls — and two counselors, each of whom slept in individual sleeping bags on individual cots. There was also strict separation in the bathroom.

Most of the night in the co-educational rooms was spent in discussions: “everyone interviewed said that sleeping was not important to them during that weekend they simply wanted to continue their discussions . . .”

The report emphasized that this sleeping arrangement was only a small part of the preparation and significance of the total camp program.

Mrs. Konopka said that the apparent purpose of Freshman camps was to help students relate positively to the University, to enhance the student's ability to

(Continued on page 41)

THE UNIVERSITY

MINNESOTA'S BROOK SAYS 'THINK ECOLOGICALLY'

Even football games may be looked at from an ecological standpoint, says ex-rugby fullback and head of the University's department of Ecology and Behavioral Sciences, Alan J. Brook.

"Many young animals engage in play. This is their way of developing mind and body — testing themselves for the real world."

Professor Brook's real world began in a port city in the north of England known as Newcastle on Tyne. One of the first songs Brook remembers begins "The Tyne, the Tyne, the coaly Tyne, Queen of all the rivers," in honor of the then-polluted river which ran through Newcastle.

This year, for the first time in over 100 years, the Tyne, as well as the Thames River which runs through London, and other rivers all over Britain are clean enough to have fish living in them again.

In a move that Brook is pushing for in the United States, Britain cleaned up its waters by policing industrial pollution.

According to Brook, the move to clean up Britain's waters got off to a good start when a private citizen's group, The Anglers' Cooperative Association, raised \$3 million to take a large chemical company to court for polluting the River Tees. Brook is encouraged by the results of such organizations as the Sierra Club in the United States in preserving and cleaning up the natural environment.

However, pollution and play are only a part of what ecology encompasses. A fairly new science, formally speaking, ecology is the study of the interrelation between all plants, all animals "including man and microbe," and their environments.

DECEMBER, 1969

Brook spends much of his time trying to persuade his fellow men to "think ecologically." Seriously concerned that man is now threatening the very existence of much of the life on earth through overpopulation and an unwillingness to care enough about his environment to preserve it, Brook lectures, talks and writes about ecology almost constantly.

In addition this fall quarter, he is presenting an educational television show, *The Final Crisis*, that is being well-received by viewers.

Brook goes beyond thinking ecologically and talking ecologically. He and his family live ecologically.

Mrs. Brook, a former professor of geography, is described by Brook as a "keen gardener." At their home near Wayzata, the Brooks grow their own vegetables, using only "ordinary household soap and water" to keep the insects down.

"We absolutely refuse to use any insecticides or herbicides at our place, they are so dangerous ecologically," Brook says. Not particularly upset by the "enormous growth of crabgrass" at his home, he feels that the large trees and the deer, woodchuck, fox, raccoons and other animals seen on his land are worth the price of living ecologically.

Holder of a doctor of philosophy degree in botany from the University of Durham and a doctorate in science from the University of Edinburgh, Professor Brook also offers some sound advice on what to do with house flies: "Hit them with a fly swatter." It's the ecological thing to do. — Bill Hafing, University Science Writer.



ALAN J. BROOK

IOWA PROFESSOR RECEIVES AN OAA

World-renowned protein researcher Dr. Henry B. Bull '28MS 30PhD, research professor in the department of biochemistry at the University of Iowa, received the University's Outstanding Achievement Award on November 19 on the Twin Cities' campus.

An active research scientist, lecturer and teacher, and author of the textbook *Physical Biochemistry*, Dr. Bull is internationally known for his work in physical biochemistry, particularly the delineation of the physical properties of proteins.

Professor and head of the department of biochemistry at the University of Iowa from 1952 until 1963, he has been a national research fellow at the Kaiser Wilhelm Institute for Physical Chemistry, Berlin-Dahlem, and did postdoctoral work at the University of Vienna. Dr. Bull has also taught at the University of Minnesota, Northwestern University School of Medicine and the California Institute of Technology.

The First Time The Moon Really Came To Minnesota . . .

“ . . . but nobody mentioned Dr. Marion A. Brooks, the entomologist who quite a while before these men (Drs. Murthy and Pepin) brought their sample, had finished a study of the effect of moon dust fed to insects. She contributed to the report which eventually released the astronauts from their germ-free confinement.

“ . . . Dr. Brooks has been a consultant to Houston for the Apollo 11 project and is also with Apollo 12. She is an associate professor in the Department of Entomology, Fisheries and Wildlife, St. Paul campus.” — from a letter by Almut Dettmers '55MS '62PhD, written to the managing editor of the Alumni News in mid-November.

This University woman scientist was the first person to bring moon dust to the Twin Cities. On August 22 Dr. Marion A. Brooks picked up four cockroaches that had been fed ground-up lunar soil at the Lunar Receiving Laboratory, Houston, Texas, and brought them back to her laboratory on the St. Paul campus.

She received four more of the dead roaches in a preservative solution in September.

As an insect expert, Dr. Brooks made a microscopic analysis of the cockroaches' tissues that helped clear the way for Minnesota's Pepin and Murthy, along with 140 other scientists throughout the world, to receive their moon samples.

When the Apollo 11 astronauts brought back lunar rock and soil from the moon, scientists were concerned that the material might hold some germ that could spread on earth. Consequently, the lunar samples were not released from the Houston laboratory until they were proven safe.

Various laboratory tests were made on mice injected with lunar soil, fish swimming in water dirtied

by moon soil, and cockroaches who had eaten bits of the lunar dust. In a few instances, however, tests had to be made outside the Houston facility.

And, as a consultant to the National Aeronautics and Space Administration, here is where Dr. Brooks came in.

After painstakingly looking at thin slices of the roaches' tissues under her microscope, Dr. Brooks found no evidence of infectious agents, nor any indication that the moon soil was toxic or in any other way caused problems in the cockroaches.

Her findings matched those of the other scientists, and the lunar soil was pronounced safe for distribution to scientists throughout the world.

Dr. Brooks is continuing her study of the cockroaches, searching for even the most subtle effect that the lunar soil may have had on them.

LOW-FAT CHEESES DEVELOPED ON ST. PAUL CAMPUS

The University has produced three low-fat cheeses that are well received by consumers, according to food scientist Howard Morris who developed the products.

The cheeses, with a texture and flavor similar to Port du Salut—a soft French cheese, Brick and Swiss cheese, have from one-third to one-half the amount of fat that is in the regular cheeses they resemble.

These low-fat products contain only one-half the calorie content of standard cheese, Morris said.

Thus far, the new cheeses have been test marketed by the University, but have not been accepted and manufactured by the food industry. “But there are reasons for the lack of acceptance by commer-

cial food companies,” Morris said.

He explained that according to current Food and Drug Administration regulations, the new cheeses would have to be sold commercially under the label of “imitation” cheese because of their low-fat content. This would curtail sales. And, with the sales of natural cheese rising steadily recently, the industry sees little economic potential in marketing the new product.

However, Morris expects that consumer demand for low-fat cheeses will be met in the future. He has received many inquiries about the products from people looking for new low-fat foods.

“The purpose of our research is to provide information to the cheese industry,” Morris said. “Then commercial firms can make these cheeses when consumer demand increases and the legal situation is remedied.

“The products aren't imitation cheeses—they taste just like cheese with the standard fat content,” Morris stressed.

The only difference is the lower fat and calorie content.

“Our research on low-fat cheeses is continuing, and we hope to have procedures available so industry can manufacture a ‘family’ or group of low-fat cheeses,” the researcher added.

UNIVERSITY CREATES FIRE CENTER

The new Fire-service Information, Research and Education (FIRE) Center that was established at the University in August is believed to be the first of its kind in the nation, according to acting director Frank E. Oberg.

A former St. Paul fire chief, Oberg said that FIRE will do research and act as an information source for local governments and fire departments on fire prevention and control and fire service administration and training.

Coordination of state fire service education programs, offered through

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the Minnesota Department of Education, the University, the junior colleges and individual fire departments, along with course planning for junior colleges, vocational schools and others, will also be done by the Center.

Attached to the Municipal Reference Bureau, a part of the University's General Extension Division, the Center will have ties to local governments throughout the state through the League of Minnesota Municipalities, with which the Municipal Reference Bureau is closely associated.

FIRE personnel are enabled to offer short courses and seminars, with partial funding from a Housing and Urban Development Agency grant, continuing a program that was conducted last year by the Agricultural Extension Service on the St. Paul campus. Oberg headed that program as coordinator of fire service education and training.

MEDICAL DEAN NAMED NATIONAL CHAIRMAN

Dr. Robert B. Howard, dean of the University's College of Medical Sciences, became the chairman of the Association of American Medical Colleges (AAMC) in November.

Members of AAMC represent some 100 medical schools and more than 35 teaching hospitals and academic societies throughout the nation.

Dr. Howard said that he will use his one-year term to solidify recent organizational changes that have broadened AAMC's scope. The group conducts accreditation visits to medical schools, sponsors the Medical College Admission Test, and is a leading promoter of medical education services.

A native of St. Paul, Howard received his BA, MB, MD and PhD degrees from the University. Before being named dean of the College of Medical Sciences in 1958, he was an associate professor in the University's department of internal medicine.

DECEMBER, 1969

Famed Research Biochemist To Receive University OAA

Research biochemist Harold P. Morris '25BS '30PhD, with a long and distinguished career in the National Cancer Institute, National Institutes of Health (NIH), will receive the University's Outstanding Achievement Award during ceremonies on January 29.

Beginning 30 years ago as a research biochemist, Dr. Morris, in 1948 showed that a liver cancer could be induced in rats by administering a specific chemical, and that such hepatomas were readily transplantable to other rats. This technique was considered a milestone in experimental cancer research, and has been so widely adopted that the cancer is now commonly referred to as the "Morris hepatoma."

Dr. Morris' standing as an internationally recognized cancer investigator was acknowledged in 1959

when he was made head of the Nutrition and Carcinogenesis section of the National Cancer Institute. The author of over 200 scientific publications and a member of numerous professional societies, he was the recipient of a Superior Service Award from the Department of Health, Education and Welfare in 1956, cited for a superior series of scientific investigations of the mechanism of cancer causation.

He has been active in the civic affairs of his community, Silver Spring, Maryland, has served as president of the County Civic Federation, and is currently a member of his area selective service board.

Since his retirement from the NIH in early 1968, Dr. Morris has continued an active research program as research professor of biochemistry at the Howard University College of Medicine.

Dr. Howard is also director of the department of continuing medical education and an associate dean.

Chemistry Professor Receives High Award

A University professor of chemical engineering, Rutherford Aris, received the 1969 Alpha Chi Sigma Award of the American Institute of Chemical Engineers in late November.

The award, presented for outstanding recent accomplishments in chemical engineering research, consists of a certificate and \$1,000. Professor Aris' work, for which he was recognized, includes six books and almost 100 papers in the science of elementary chemical reactor analysis. He authored *Elementary Chemical Reactor Analysis*, published in 1969.

Aris joined the University staff as a research fellow in 1955. He received his PhD in mathematics and chemical engineering in 1960, and his DSc in 1964, both at the University of London.

Graduate-Professional Listing Now Available

A list of courses under the Graduate-Professional Improvement Program of the University's Institute of Agriculture is now available to state residents. The program offers courses which are oriented to meet the continuing educational needs of agricultural extension personnel, vocational agriculture teachers, home economics instructors, other high school instructors, forestry personnel and professional employees in agri-business and industry.

THE ALUMNI

CHRISTY RECEIVES OAA AT BUSINESS INSTITUTE

Myron M. Christy '48BBA, president and director of the Western Pacific Railroad Company, San Francisco, California, received the University's Outstanding Achievement Award at the November 6 dinner meeting of the School of Business Administration's 16th Annual Institute.

After work with the General Electric Supply Corporation, the Alaska Electric Light and Power Company, Merchants Motor Freight and a stint in the U.S. Army, Christy started with Western Pacific in 1949 as a traveling accountant. He quickly moved through numerous management positions to become executive vice-president, director, in addition to standing executive assistant responsibilities, in 1962, assumed the duties of general manager 1964, to the presidency of Western Pacific in 1965.

In his current capacity he also holds vice-president, director and president positions with the Western Pacific subsidiaries and affiliates of Alameda Belt Line, Central California Traction Company, Sacramento Northern Railway, Standard Realty and Development Company, the Oakland Terminal Railway, the Salt Lake City Union Depot and Railroad Company, and the Tidewater Southern Railway Company.

A recent B-Day speaker, Christy is a director of the Bank of California, N.A., the California Liquid Gas Corporation, the Fruit Growers Express Company, the San Francisco Chamber of Commerce, and the San Francisco Region Golden Gate Chapter of the American National Red Cross. Besides holding numerous professional and civic memberships, he is a trustee of San Fran-



MYRON M. CHRISTY '48BBA

cisco's Golden Gate College, the San Francisco Bay Area Council and the United Bay Area Crusade.

At the same evening meeting in downtown Minneapolis during which the Christy presentation was made, William P. Lear, president of Lear Motors Corporation, was the featured speaker on "What's Ahead for Vehicle Powerplants in the Seventies." Lear is famous for designing and building the Lear Jet Executive Aircraft, the world's most successful business jet, and revolutionary smog-free vapor power systems as superior replacements for internal combustion engines.

The Annual all-day Institute participants also heard Dr. Arthur Upgren, former Minnesota professor and now visiting professor of economics at the University of Florida, and many vigorous, thoughtful panel sessions on "What's Ahead for Business in the Seventies."

WADENA SPONSORS A COFFEE HOUR

The Wadena County alumni chapter sponsored a coffee hour on Sunday, this fall, for high school students interested in the University, students attending the University or the branch schools, and alumni.

Alumni members who were at the coffee to meet with the students were Wadena president Mary Horsager, secretary-treasurer Lois Johnson, scholarship chairman Ann Richter and board members Luther Nervig, Sarah Yetter and Einard Waisanen. Although she is not an officer, Naomi Larson, Staples Home Economics instructor, was present to discuss that University division with any interested students.

Students attending were from the Wadena County schools as well as New York Mills.

BIGSTONE COUNTY HAS \$200 SUCCESS

Members of the Bigstone County (Ortonville, Minnesota) Alumni group launched a special project this fall that in two weeks showed a \$200 success.

Approximately 22 persons gave to aid the University's freshman scholarship fund when they were solicited by telephone. The Bigstone County alumni did not confine their efforts to University alumni alone, but contacted all those in their area who might have an interest in the University.

Bigstone County alumni officers include president H. G. Peterson, vice president Curt Churness and outgoing secretary-treasurer Mrs. John LaPolice.

And a special nod for the success of the project should go to Mrs. Robert Pflueger.

OUTSTATE CHAPTER CAREER DAY REPRESENTATIVES ARE NAMED

Along with responsibility as University chairmen in their respective communities to help local students entering the University through informal gatherings and information sessions, the Alumni Career Day Representative acts in a University/professional advisee capacity at Career Day programs existing in his local high school.

Career Day Representatives recently named for outstate chapters and their corresponding communities are:

Aitken, Mrs. C. A. Paulson; *Albert Lea*, James Broberg; *Austin*, Allen Krejci; *Baudette*, Gordon Farel; *Brainerd*, Donald W. Johnson; *Caledonia*, James Schultz (Houston, Minn.); *Chisholm-Hibbing*, Dr. Fred Mast (Chisholm), Oz Seavey (Hibbing); *Faribault*, Robert E. Burke; *Fergus Falls*, Mrs. Grady Mann; *Jackson*, Gerald Hier (Jackson), Warren Sontag (Heron Lake); *Mankato*, Dr. Dan Hanson; *Marshall*, Dale Anderson.

Montevideo, Oliver Rekow (Montevideo), Mrs. John Lundquist (Granite Falls), Harold Nelson (Madison), Dr. E. D. Linden (Clara City), Dr. Idan Iakaichi (Clarkfield), Russell Dahl (Dawson); *Mountain Lake*, Dr. Lowell A. Wenberg; *New Ulm*, Dr. Paul Radke (New Ulm), Charles Pederson (Springfield), Dr. F. G. Woessmer, Jr. (Sleepy Eye); *Ortonville*, Mrs. Robert Pflueger.

Owatonna, Hugh Morris; *Pipestone*, Miss Byrma Jones; *Red Wing*, George F. Vogel; *Redwood Falls*, Dr. Robert Kleinart; *Roseau*, Dr. Robert V. Harris; *St. Cloud*, Robert F. Johnson; *Slayton*, Burt Hustad; *Thief River Falls*, Jerome Wendorf; *Virginia*, Ernest Nelson; *Wadena*, Mrs. Paul Richter; *Wheaton*, Gordon Donnelly; *Windom*, Russell Henry; *Worthington*, Dr. L. K. Schwartz.

If you know of students in your community who are interested in attending the University or who are enrolled as entering students and

have questions as to registration and other University procedure, contact the Career Day Representative listed above for your community. Also keep in touch with him if your school is anticipating a Career Day program.

MAA ASSISTANT DIRECTOR DIES AT 54

Warren W. Headley '40Journ, University of Minnesota Alumni Association assistant director in charge of production, died suddenly on November 4 at age 54.

A life-long Twin Cities' resident and a 1933 graduate of Minneapolis' North High School, Headley re-



sided with his wife, Janice, and three of their four children, Jon, Brian and Susan, at 5416-49th Avenue North, Minneapolis.

Brian is currently serving with the U.S. Navy, and a second daughter, Mrs. Rollin (Roberta) Nellis, lives in New Hope, Minnesota.

Headley attended the University of Minnesota for four years, until 1940, majoring in journalism and minoring in history.

After service in the U.S. Army from 1941 to 1945, he joined Midland Cooperative, Minneapolis, and over a period of 14 years worked as a catalog and managers' bulletin editor, an advertising supervisor and as copy chief. In 1959 Headley left Midland for Faber Adver-

NATION-WIDE CHAPTER MEETINGS

Central Florida Alumni Chapter, December 3

Place — Langford Hotel, Orlando.

Social Hour 6:00 p.m., Dinner 7:00 p.m.

Program — MAA Executive Director Ed Haislet with current information about the University, and the newly released alumni film, "Our Changing University", 15 minutes, sound and color.

For reservations contact James K. Ramsey, 1212

Virginia Drive, Orlando, Florida 32803.

Northern California Alumni Chapter, December 27

Place — Fort Mason Officers Club, San Francisco.

Social Hour 6:30 p.m., Dinner 7:30 p.m.

Program — Dr. Malcolm Moos, 10th Chancellor of the University of Minnesota and President of the Board of Regents, and MAA Executive Director Ed Haislet.

For reservations contact — Maurice Nelson, president, 235 Montgomery, Suite 435, San Francisco, California 94109.

Santa Barbara (California) Alumni Chapter, December 29

Place — University Club, Santa Barbara.

Social Hour 6:00 p.m., Dinner 7:00 p.m.

Program — Dr. Malcolm Moos, 10th Chancellor of the University of Minnesota and President of the Board of Regents, and MAA Executive Director Ed Haislet.

For reservations contact — John K. Hass, 211 East Anapamu, Santa Barbara, California 93104.

THE FORT LAUDERDALE ALUMNI CHAPTER met December 1 at the Sheraton-Fort Lauderdale Hotel to hear MAA Executive Director Ed Haislet give current information about the University, and to see the new alumni film, "Our Changing University".

tising, Inc., Minneapolis, to serve as a copywriter, media director and account executive.

Five years later he joined Anderson-Madison Advertising in Bloomington, Minnesota, and in 1968, Brown and Bigelow, St. Paul, as a promotion specialist in the marketing division.

He had been with the University's Alumni Association since July 1968, writing and editing many of the Association's mailing pieces and coordinating the work of the printer, mailer and post office.

Civically active, Headley was well known for his work in the Congregational Church.

SUNCOAST ALUMNI SHOW VARIED PROGRAM

Minnesota alumni and friends gathered for an evening sponsored by the Suncoast (Florida) Alumni Chapter at its Fall Banquet on November 8 in Sarasota.

After a 6:00 p.m. social hour and 7:00 p.m. dinner, participants enjoyed a varied program. Bryant Parsons and his wife presented the motion picture, "Browsing Through Bermuda the Enchanted Isle." The couple has traveled extensively in foreign countries, most recently Japan, China and the Holy Land.

Coral Wurzel, who studied voice at the University, gave a solo presentation, and Howard Palmer, Alumni Service Award winner, lead the singing of Minnesota songs.

Patrick J. Turner, MAA director for the southeastern United States alumni clubs, also reported to the group.

Carmen N. Richards is president of the Suncoast Chapter.

**Have You
Seen the
New
Alumni Film?**



UNIVERSITY VICE PRESIDENT for Academic Administration, William G. Shepherd, left, congratulated the four Institute of Technology graduates to whom he had presented the University's Outstanding Achievement Award earlier in ceremonies during the IT October Annual Meeting. The OAA recipients include, from the left, William W. Hagerty '39BME, John R. Jamieson '48MS, Elden H. Olson '37BSAero and J. Leonard Frame '43BSAero.



AFTER THE THIRTY-FIRST Annual Banquet of the Institute of Technology Alumni Association on October 24, Dean Warren Cheston, left, chatted with the three Distinguished Teacher awardees, Warren W. Ibele, associate dean of the graduate school and professor of mechanical engineering, Robert C. Brasted, professor of chemistry, and Benjamin F. Bayman, professor of physics.

HOUSTON COUNTY HEARS PROFESSOR GRAVEN

The Houston County (Caledonia, Minnesota) Alumni Chapter held their annual business and dinner meeting on October 27. In addition to electing new officers and directors for the coming year, the group heard University Law School Professor David L. Graven speak.

Professor Graven, a Minnesota graduate and recently announced candidate for Minnesota governor, is president and case editor of the *Minnesota Legal Review*, secretary of the Minnesota Judicial Council and past commissioner of the Uniform State Law Commission.

AROUND & ABOUT



MacNAUGHTON



HERMSEN



HENDERSON

Business Administration

'41

James R. MacNaughton, CPA, '41BBA, Des Moines, Iowa, was recently elected to a three-year term on the governing council of the American Institute of Certified Public Accountants (AICPA). The council sets policy and authorizes programs for the national professional society which provides a variety of special services for its 70,000 members. A past president of the Iowa Society of CPAs and the Central State Conference of CPAs, MacNaughton is currently a director of the Greater Des Moines Chamber of Commerce and the YMCA Boys' Home.

'49

Paul S. Hermsen '49BBA has become manager of personnel and general services for Sperry Rand Corporation's Univac Salt Lake City, Utah operations. Formerly director of compensation for the Univac division at the company's world headquarters near Philadelphia, Pennsylvania, he is now responsible for all Univac Salt Lake City personnel functions, including employment, industrial relations and management development. Hermsen joined Univac in 1957 in St. Paul, where he spent about nine years in personnel and manufacturing supervisory positions before promotion to world headquarters.

'50

Harley A. Christensen '50BBA has been named controller of the Tempo Stores Division of Gambles, Minneapolis-based retail, wholesale and catalog sales company. He came with Gambles as a retail store manager trainee in 1950 after graduation from the University.

At *Elmer R. John Associates*, Minneapolis management consultant firm, every employee is an alumnus of the University. *Elmer R. John* '52MA, president, was formerly corporate director of personnel for General Mills, Inc., Minneapolis, and director of personnel and

administration for Midland Cooperatives, Inc., Minneapolis. John also serves on the board of directors and as vice president of Personnel Decisions, Inc., a psychological consulting firm. Vice president *Merlin C. Landberg* '50BSB, formerly assistant vice president for personnel administration of First Bank Systems, has held prior assignments in executive training and development, organization planning and personnel administration with the First Pennsylvania Banking and Trust Company, Philadelphia, International Milling Company, Inc., Minneapolis, and Midland Cooperatives. *Dean V. Dannewitz* '66BSB, formerly manager of personnel and administration for the Minneapolis Space and Defense Systems Division of Control Data, is an associate of the firm. He had previous personnel assignments with Xerox Corporation, Rochester, New York, Consumers Power Company, Jackson, Michigan, and Munsingwear, Inc., Minneapolis.

'56

Norman Litts '56BSB has been appointed president and trust officer in the corporate trust division of First Jersey National Bank, Jersey City, New Jersey. Previously associated with Banker's Trust as an assistant vice president in the corporate agency division, before that he was with Moody's Investors Service.

Roger H. Sherman '56BSB was recently made a vice president in the commercial banking department at Continental Illinois National Bank and Trust Company of Chicago. Sherman, who came to Continental in 1957, was elected assistant cashier in 1963, and second vice president in 1967. He is president of the Madison School PTA in Hinsdale and is a former member of the Hinsdale Community House Council. He is also a graduate of the University of Wisconsin Graduate School of Banking.

'58

Philip Henderson '58BSB has been appointed credit manager of Red Owl Stores, Inc., after ten years as financial

and credit manager at Archer-Daniels, Midland Co., Minneapolis.

'63

A number of University alumni were recently promoted by Arthur Andersen & Company, Minneapolis. They include *Thomas I. Mueller* '63BSB, now manager in the firm's Minneapolis office; *Roger H. Nord* '63BSB, manager in the Minneapolis office; *Tor H. Larsen* '64BSB, manager in the Oslo, Norway, office; and, *Gary N. McKinley* '64BSB, manager in the Minneapolis office.

Law School

'51

Peter F. Greiner '49BA '51LLB, Minnetonka, Minnesota, has been elected to a three-year term as president of Beta Theta Pi fraternity. A partner in the Minneapolis law firm of Greiner, Carlson & Law, he is a member of the Minnesota and American Bar Associations, the American Judicature Society, and is a trustee of the Hennepin County Law Library. Greiner has been active with Beta Theta Pi since service as a chapter adviser with the University campus chapter.

'59

Frederick J. Boyne '59LLB has been named to the newly established position of staff attorney in Skelly Oil Company's law department where he will act as tax counsel for most of the company's domestic operations. He previously was regional attorney for marketing in Skelly's St. Paul offices. Boyne joined the company in 1961.

'62

Edgar K. Yucel '62LLB has been assigned the responsibility for the legal counsels of 3M Company's foreign subsidiaries and for domestic attorneys as their activities pertain to 3M international operations. Yucel, who joined the Office of General Counsel at 3M in



LITTS



GREINER



KURTZ

1962, received his undergraduate education in Turkey, and holds an MA in romance languages and a PhD in international relations and international economics from the University of Alabama.

Medical

'50

John M. Danielson '50MHA, executive vice president of Evanston Hospital, Evanston, Illinois, assumed a new position in September as director of the Department of Health Services and Teaching Hospitals and the Council of Teaching Hospitals of the Association of American Medical Colleges in Washington, D.C. Danielson, who has had extensive experience in health planning through his membership on the Illinois Governor's Advisory Committee for Regional Medical Planning, played an important role in the establishment of the North Shore Association for Health Resources, made up of 11 hospitals organized for area-wide planning for hospital and medical care. He has been actively involved in the development of the Northwestern University Medical Center and has served as a consultant to the Committee on Community Health Care of the American Medical Association. In 1967 Danielson was awarded a combined fellowship by the Nuffield Provincial Hospital Trust and the King Edward's Hospital Fund for London to study the organization and management of patient care in England and Scotland.

'65

Maj. Dr. Frederic M. Brown, 64BS, '65MD, attached to the 825th Medical Group, has been named by the U.S. Air Force Strategic Air Command as the "Outstanding Flight Surgeon of the Southeast Asia to evaluate crew living conditions and has participated in combat missions with tanker crews refueling aircraft over enemy territory. Dr. Brown will study Aerospace medicine.

'69

Gerald F. Fournier '69MHA, former administrative assistant at Fort Logan

Mental Health Center, is the new health services research specialist for the Colorado-Wyoming Regional Medical Program. This program is designed to improve the quality and availability of diagnosis and treatment of heart disease, cancer, stroke and related diseases for the people of Colorado and Wyoming. For the past two years a graduate student at the University, previously Fournier served first as a director of General Services and then as an administrative assistant at Fort Logan. From 1961 to 1964 he was an assessor consultant for the Colorado State Tax Commission.

CLA

'32

W. Allen Wallis '32BA, president of the University of Rochester, Rochester, New York, has been appointed to President Nixon's new 15-member advisory commission on volunteer armed services. An outspoken opponent of the draft, Wallis worked closely with Nixon during the Eisenhower administration when both were members of the President's Cabinet Committee on Price Stability for Economic Growth. He served as a special assistant to Eisenhower at the White House from 1959 to 1961.

'42

Maxine Kurtz '42BA, Denver, Colorado, has been re-elected secretary-treasurer of the American Institute of Planners, a 5200-member professional urban planners organization headquartered in Washington, D.C. Technical director of the Denver Model City program, Miss Kurtz is both a planner and a lawyer, holding an MS in government management and an LLB from the University of Denver. She is a member of the Colorado and American Bar Associations. Before work with the Denver Model City program, she served as head of research and the special projects division of the Denver Planning Office which she founded.

'60

First Lt. Lawrence P. Larson '60BA was recently presented a saber in recognition of his superior collegiate ROTC and academic records by 8th Div. Commanding General, Major General E. H. Almquist. Larson was one of two ROTC Distinguished Military Graduates, commissioned in Armor, to receive this year's award. He plans to make the Army his career.

'61

Donald A. Kirschner '61BA has been named agency assistant for Connecticut Mutual Life, Hartford. He began his life insurance career in 1961 as an agent for

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JAMES P. LINDBERG, JR. '51 BAeroE (with distinction), left, was recently pinned with a Medal for Exceptional Service in connection with his work on the successful manned lunar landing last July. Dr. Thomas O. Paine, right, National Aeronautics and Space Administration administrator, presided at the ceremonies which honored 117 persons. Lindberg is on the staff of the Aero-Astrodynamic laboratories of the Huntsville, Alabama, Marshall Space Flight Center where the presentations occurred. The Marshall Center developed the Saturn rocket used during the boost to the moon.

Northwestern Mutual, Minneapolis, later becoming supervisor of their Dallas agency. Kirschner was named "1965 Man of the Year" by the Minneapolis General Agents and Managers Association.

Institute of Technology

'60

Dr. Philip C. Kelley '60BSChem has been named a senior research chemist at B. F. Goodrich research and development center, Brecksville, Ohio. Kelley, who joined BFG in 1965 as a research chemist, served as a teaching assistant and research assistant in the chemistry department at the University of Illinois while continuing his studies there.

'65

Vincent S. Madison '65MChem has completed the requirements for the PhD degree at the University of Oregon. His thesis project was "The Optical Activity of Diamides, Peptides and Proteins." The chairman of the Graduate Committee spoke of Dr. Madison as "a valuable addition to our graduate group in the Chemistry Department, and we hope that he will be followed by others from Minnesota."

'66

Delbert A. Larson '66BCE, sanitary engineer director for the Indian Health Service, U.S. Department of Health, Education and Welfare, recently received the U.S. Public Health Service Commendation Medal from his service unit. His citation read "for recognition of his exemplary planning and administration of national program for construction of water and waste facilities to service Indian tribes and Alaska natives." Beginning a Public Health Service career in 1956 with service as a field engineer on the Navajo Reservation, Arizona, Larson has also had assignments with the PHS Division of Water Supply and Pollution Control, San Francisco and Charlottesville, Virginia.

DECEMBER, 1969

Kei S. Wei '61MSChem '66PhDChem has joined the staff of Chemical Abstracts Service (CAS), Columbus, Ohio, as an associate indexer in the general subject indexing department. A native of Manchuria, Dr. Wei was a post-doctoral fellow at Battelle Memorial Institute, Columbus, Ohio, prior to joining the CAS staff.

Graduate

'53

Helen L. Wardeberg '48MA '53PhD has been named chairman of the education department of the New York State College of Agriculture, Cornell University. A consultant editor and writer for Ginn and Company, publishers, and an advisor to the New York State Education Department, she came to Cornell in 1954 from Cortland State Teachers College where she was supervisor of student teachers.

'61

Roland Chardon '51BA '61PhD, a specialist in Latin American cultural and population geography, has been appointed chairman of Louisiana State University's geography and anthropology department. Dr. Chardon, who holds the academic rank of associate professor and previously was on the faculties of Ohio State and Vanderbilt Universities

and the University of Wisconsin and Minnesota, is the author of a monograph on agrarian reform in Yucatan and a chapter on population in the book, *New Perspectives of Brazil*.

'63

John H. Barcroft '60MA '63PhD, director of the Office of Planning and Analysis for the National Endowment for the Humanities, has been named provost of New College, Sarasota, Florida. He will be concerned with educational programs and academic planning for the innovative, young private, liberal arts college. After teaching as a member of the faculty of Wheaton College and in visiting faculty positions at the Universities of Washington and Hawaii, Dr. Barcroft joined the Endowment.

'64

Sheldon W. Simon '58BA '64PhD, associate professor of political science at the University of Kentucky, Lexington, recently published *The Broken Triangle: Peking, Djakarta and the PKI* through the Johns Hopkins Press. His articles have appeared in *The Journal of Conflict Resolution*, *Asian Survey*, *Eastern World* and *The China Quarterly*. Simon has consultancies with the Agency for International Development, The Research Analysis Corporation and The Bendix Research Corporation.

DEATHS

Joan Eastman '59BA died in New York on August 24 at age 32, of cancer. Miss Eastman, a Broadway actress, appeared in several University plays and in the original Showboat production of "Under the Gaslight." She played a major role in Broadway's "Cactus Flower" and was understudy to Lauren Bacall and Betsy Palmer; she also toured with the national road company of "Stop the World, I Want to Get Off" and starred in the national road company production of "Oliver!"

Dr. Frederick L. Smith '06MD died September 14 at age 90. Dr. Smith served as head of the Mayo Clinic's section of postoperative therapy from 1917 until his retirement in 1947. He was also a life member of the Minnesota Historical Society and author of *The History of Frontenac*.

George Dredge '04LLB, long-time Minneapolis area real estate man and lawyer, died July 16 at age 90. A real estate broker for 65 years and associated with his son for 33 years in the real estate brokerage business, Eden Prairie, he was a charter member and deacon of Trinity Community Church and a trustee of Pillsbury Academy.

Henry W. Norton '22LLB, Excelsior, Minnesota, retired lawyer and former president of the Hennepin County Rescue League, died July 19 at age 70. He was captain of the University tennis team and won the Northwestern Lawn Tennis singles championship in 1926 and the doubles championship three times.

Harold S. Wang '30BEE, Chicago, Illinois, died of cancer at the age of 62 on July 24. At the time of his death he worked as an engineer for the Illinois Bell Telephone in cost and depreciation studies.

Army Captain Arthur T. Pfefer '67LLB, St. Paul, was killed in action in Vietnam on July 25. He was 26. Editor of the *University of Minnesota Law Review* and a member of the Order of the Coif, he was affiliated with the Minneapolis law firm of Maslon, Kaplan, Edelman and Borman, Brandt and McNulty. Pfefer would have been discharged from the service in October.

Dr. Scott F. McIntire '45BS '46BSMed '47MD, Denver, Colorado, a fellow in internal medicine in the Mayo Clinic Graduate School of Medicine from 1949 to 1953, died recently. He was 45. Upon completing his Mayo fellowship he entered the Army Medical Corps as a captain and subsequently served at Fort Sam Houston, Texas, and became chief of the gastroenterological service at Rodriguez Army Center. When released to civilian life in 1954 he opened an office for the practice of internal medicine in Denver. Besides being an attend-

ing physician at seven Denver hospitals, he was a clinical instructor in medicine in the University of Colorado School of Medicine.

Perry R. Moore '23LLB, Minneapolis, died September 14 at age 75. He had been senior law partner in the firm of Mackall, Crounse, Moore, Helmev and Holmes since 1929, and was a member of the board of governors of the Minnesota State Bar Association and a delegate to the American Bar Association.

Dr. Nic I. Moga '23DDS, Shoreview, Minnesota, died September 4 at age 78, of a heart attack. Dr. Moga maintained a dental office at 485 Rice Street, St. Paul, until his retirement last year.

Mrs. Stella Gray Whitman '98BS, St. Paul, died recently. She was president of the Alumnae Club from 1920 to 1922.

Loane J. Randall '40 LLB died March 19.

Dr. Harry LeRoy Smith '28MSMed, La Mesa, Calif., died February 13 at age 82, after a long illness. Dr. Smith became an instructor in medicine in the Mayo Graduate School of Medicine, Rochester, Minn., in 1929, and was advanced to assistant professor in 1933, associate professor in 1940, and professor in 1949. From 1945 to 1951 he headed a cardiology section of the Mayo Clinic; he retired in 1952 as senior consultant in medicine.

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GREEN LAKE, continued . . .

think for himself and consequently gain an enduring set of values, and to promote the development of a student's maturity through his thinking and learning to interact with other people rather than following group pressures.

The Green Lake program was planned by student counselors, in cooperation with staff, to relate to these goals.

In order to counteract freshmen concern about an impersonal, large University, the camp program stressed knowing one another as people, hence being very open with each other and making no distinctions between freshmen and counselors, the report said.

The camp's planning group, to enhance the communality of all people, touched a significant pressure faced by freshmen—the conformity that is often demanded by their peers. And the Green Lake program came to include the learning of decision-making in a vital area that is related to the student's own conscience as well as to the consideration of the thoughts and feelings of others—their mode of living.

Mrs. Konopka noted that there has been a recent change all over the country from single sex dormitories to coed living. And that a student's decision as to whether he wants to live in a single sex dormitory or in a coed dormitory includes both feelings and thinking—not only related to sexuality but also to whether or not he feels comfortable with the other sex, whether he can study with both sexes around, an awareness of community attitudes, an insight into one's self, whether he chooses the living arrangement because everyone else thinks it is right or only because he wants to strike out against the values of his parents.

The Green Lake staff felt that if a student had to make a decision on his sleeping arrangements, he would not only have to reach "a real and hard decision," but also handle his own sexuality as well as learn to be thoughtful and considerate in a significant area.

At the camp, the students voted by secret ballot as to whether they wanted to sleep in the larger rooms where there were both boys and girls, in the smaller single-sex rooms or in a cottage reserved for only one sex, the report stated.

After the first ballot, the freshmen were asked to discuss why they voted as they did. All of those interviewed felt that this discussion was the most significant part of the learning in the camp experience. Mrs. Konopka said, because they had learned something about the complex motivations that go into decision-making.

The interviewees said that they not only found that people who had totally different opinions from theirs were not necessarily enemies, but also to differentiate between a sense of intimacy as opposed to sexuality.

What else did the freshmen learn at Green Lake, in addition to decision-making and insight into one's self? The remarks of the interviewees point to their attitude:

"I learned to forget social barriers. I learned to accept a girl not for her being a beauty queen, but just

for what she is."

"Yes, I can even understand the different opinions of my parents. I realize that they care; I never saw that before."

"I felt the University gives me a chance to be an adult."

"I am not so afraid of the crowds. There will always be someone I can say 'Hi' to."

The report indicated that the students also learned from the publicity following camp, and they expressed sorrow rather than anger "that many adults had so thoroughly misunderstood what had happened, had so little trust in young people and even in their own children, and were so preoccupied with sex."

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BIR STUDIES: P-N GRADING . . .

to explore an academic area outside their major.

"If you ask me, the students on P-N are just sloughing off. They're the good-time guys who never come to lectures; they put out just enough effort to get a D-minus. They're wasting their time and I'm wasting mine" — University history professor.

Faculty members reported that they assigned P-N students the same amount of work as non-P-N students, and expected the same quality of work in return. Although two-thirds said they did not approve of extending P-N to all University courses, 43 percent favored its use in all courses outside the major.

The second study, conducted by Wharton in the fall quarter of 1968, compared grades earned by P-N and non-P-N students on 53 papers, quizzes and examinations in 10 separate class sections. Wharton found that in 50 of the 53 cases surveyed, P-N students achieved higher mean scores, although in only 21 cases were the differences great enough to be statistically significant.

The third report, presenting enrollment statistics for the 1967-68 academic year, showed that the P-N enrollment percentage for the total University jumped from 3.8 percent fall quarter to 6.2 percent winter quarter to 8.3 percent spring quarter.

"I feel I still got a good grasp of the material presented without having the headache of worrying about getting a real good grade . . . I am really getting a liberal education without getting a conglomeration of knowledge I'll never use" — P-N classics student.

P-N percentages rose even higher during the '68-'69 school year, Wharton said; he expects the trend to continue as more and more colleges adopt the new system.

The bureau's most recent study, involving 1969 spring quarter Classics 6 and Botany 10 classes, queried students as to why they elected the P-N

option, and whether or not they planned to attend graduate school.

Though Wharton noted that "there probably are nearly as many reasons for choosing P-N as there are students who choose it," the report grouped the responses into four categories:

1. Some students chose P-N so that they could spend more time on A-F courses they considered important. "I had other classes that required a lot of work," one respondent wrote, "and feared I wouldn't be able to put as much in on this class to keep a decent grade."

2. Some chose P-N to reduce their overall work load for the quarter. As one student put it, "I was carrying 18 credits . . . and I felt there would not be as much pressure on me if I took this course on P-N."

"It's beyond me why a liberal arts major should have to take 15 credits of science. I'm all for it [the P-N system] — Minnesota geology teaching assistant.

3. Others said they were interested in the course, but were uncertain as to how well they would do in it and did not want to risk lowering their GPAs.

Admitted a Botany 10 student: "I have a difficult time remembering the names of different plants and if I took the course on A-F I would probably get a D. I do not care to hurt my GPA any."

4. The fourth category, "miscellaneous," included such responses as "I cannot motivate myself in any type

of science," and a simple "I didn't want to worry about grades."

The students were further asked if they planned to attend graduate school. Among botany P-N and non-P-N respondents there was little difference. But 60.4 percent of the A-F classics group said "yes," compared to only 20 percent of the P-N classics students.

"I try not to discriminate, but I guess I have to admit that when I find out a student's taking my course P-N I probably grade him a little tougher. Hurts my pride, I suppose — though I know it shouldn't" — University journalism instructor.

What does it all add up to? Is the P-N system a success at Minnesota? Should it be expanded? Abolished? How has it affected teaching and grading?

Wharton and his BIR associates hope to learn at least some of the answers to these questions after they have completed two more studies in the '69-'70 school year: one a comprehensive survey of faculty opinion and the other a compilation of P-N enrollment figures.

The former will be of particular interest, Wharton said, because there is a growing indication that professors are adjusting their teaching methods to meet the needs of P-N students.

"When a student comes into your class and says, 'Just give me a broad overview of the subject,' naturally you change your teaching techniques accordingly," he explained.



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ALUMNI NEWS

50 JANUARY



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Minnesota Students
in the Sixties

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Varsity Game Time: 8:00 p.m.

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Sat., Jan. 3 Colorado College
Fri., Jan. 9 U. of M. Duluth
Sat., Jan. 10 U. of M. Duluth
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WE RECENTLY HEARD FROM . . .

Jack M. Provo '59BA, Chairman,
Board of Hennepin County Commis-
sioners, Minneapolis, Minnesota

ABOUT BIG 10 FOOTBALL

"I thought I would comment on your comments in the December issue of The Alumni News concerning Big 10 football. I believe that both you and the Big 10 have a good case of schizophrenia.

"You advocate a de-emphasis of football, or rather putting sports in its proper perspective. I think you would accept the latter definition more graciously. Now if we are going to put sports in its proper perspective or de-

emphasize it, such as the Ivy League has done, then let's do it right and not ride the horse in different directions. If tenders or football scholarships increase the professionalism, proselytizing and other negative features, then let's do away with them completely. The matter is not just one of economics and you know it. I submit to you that if the Big 10 were to increase scholarships from 30 to 35 per year, that you could find foundations or businesses in the community that would sponsor five additional athletic scholarships per year.

"With regard to red shirting, it's a source of bewilderment to me how the red shirting rule would upset the academic standards of the Big 10. You are probably talking about five, six or seven athletes per year. I don't believe anyone has mentioned the lessening of

academic standards, Mr. Haislet, as far as I know. I believe you can have high academic standards and still allow the Big 10 to more equitably compete with other institutions. I don't think that an increase of five tenders plus reinstating the red shirting rule would affect the academic standards of a university one bit, and yet, these minor changes would put the Big 10 in a much better position to compete with other universities. Now you may say that our objective should not be to compete; then I go back to my original argument. Let's de-emphasize completely, a position you would probably find me agreeing with.

"However, this halfway concept of reasoned mediocrity adopted by the Big 10, has not satisfied anyone. I

Continued on page 4

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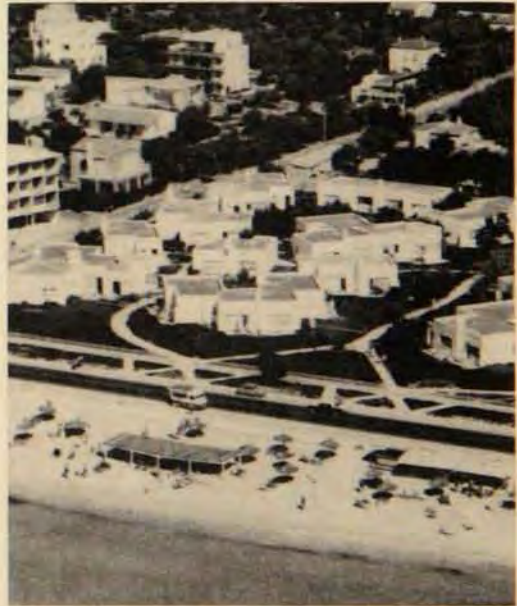
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JANUARY, 1970

RECENTLY HEARD FROM . . .

agree with you that the caliber of football has increased across the country. The Big 10 can never dominate collegiate football as it once did. We can, however, compete with some slight changes. Your proposal that we have a round robin schedule, eliminating national competition and then changing the rule to send our best team to the Rose Bowl is incongruous to me. If the Big 10 were to move in the direction that you lay out, then I submit that we should forget about the Rose Bowl entirely. To me the answer is very simple. Let us truly follow the Ivy League or give us some modest changes so that we can compete equitably without affecting a change in academic standards."

Herman Rosenblatt '33BA
Minneapolis, Minnesota

ABOUT THE GOPHER-BADGER RIVALRY

*Minnesota has a Gopher
Which is striped Maroon and Gold,
While the Badger of Wisconsin
Is Cardinal, we're told.
Now, get these two together,
If you want to see a scrap,
And you will see the Gopher
Push the Badger off the map.*

In re the enclosure, writing would-be comic verse has long been a hobby of mine, especially on football and baseball. This particular "pome" first appeared in the *Wisconsin Daily Cardinal*, when I was attending the 1932 Summer Session at Madison between by junior and senior years.

As a matter of fact, this bragging boomeranged. That fall, Bernie Bierman's first Gopher team lost to Doc Spears' Badgers 20-13. You may remember that Mickey Maguire, Wisconsin's Hawaiian-born star, scored all three touchdowns against us. Moreover, this was the only game that Bernie lost to Wisconsin during his "Golden Decade" of 1932-41.

Because of the friendly, for the most part, rivalry between Minnesota and Wisconsin in football, the enclosure may not be altogether inappropriate.



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Dental School Has New Assistant Dean

A new assistant dean for academic affairs in the University's School of Dentistry has been appointed by the Board of Regents.

Dr. James R. Jensen, professor and chairman of the division of operative dentistry and endodontics and holder of the DDS and MS degrees from Minnesota, will be responsible for curriculum development in his new post.

Acknowledging the shortage of dentists in the Upper Midwest, Dr. Jensen's office will also examine expanded duties for dental assistants and dental hygienists, as well as plan new teaching methods for the new Dental School facility that is scheduled for construction in 1970-71.

Dr. Jensen recently returned from a month's work at the University of Saigon Dental School where he helped to establish curriculum guidelines.

University Offers Art Classes to Children

Children, ages 5 to 8, are eligible for Saturday morning art classes offered at the University for 10 weeks beginning January 10 on the Minneapolis campus. The fee for the series is \$10.

The classes, which provide opportunities for teachers and students to experiment with new art materials and methods, were previously available to children ages 5 to 10.

"Increased demand for classes for the younger children has resulted in a lowering of the age limit," said Mrs. Helen Dickson of the Institute of Child Development staff.

Professor Clifton Gayne, chairman of the University's art education department, is supervising the program in which classes are taught by graduate students in art education.



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— WILL ROGERS

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President Moos Says University Is Not A Political Body

University President Malcolm Moos reiterated his stand against the politicization of the University campus in a letter sent to Carla Reihle of the Student Mobilization Committee to end the war in Vietnam in early December.

His letter was in response to a committee statement issued earlier, suggesting that the University conduct a referendum among students, faculty and administration concerning immediate troop withdrawal from Vietnam, the abolishment of the ROTC program and the prohibition of secret research on the Minnesota campus.

Moos stated that after careful consideration he felt a binding referendum was not appropriate.

"What seems clear to me is that the role of the University is to provide an environment in which the value of ideas can be fully debated in the belief that in this way the academic community can make the most significant contribution to truth," said Moos.

"The protection of the freedom of the campus for ideas is jeopardized when the institution becomes a political body itself . . . The University must always be a place of careful analysis rather than a place of ineffective declarations."

Moos also pointed out that the ROTC program is currently being studied by a University committee that has recently held a public hearing for the purpose of receiving divergent opinions.

With regard to secret research, he said that on July 11, 1969, the University Regents approved a policy prohibiting secret research at the University.

Moos said that he could see no logical new steps to be taken by the University in the wake of a referendum on the conduct of the Vietnam War.

\$60,000 Goes To Aid MLK Participants

The University of Minnesota recently announced that it is contributing an additional \$60,000 to the fund of financial aids available to students in the Martin Luther King program. The funds were needed because of a decrease in the amount of state and federal financial aid available, that resulted in a \$60,000 short-fall in the anticipated funds for disadvantaged students.

Two hundred and thirty students were enrolled in the Martin Luther King (MLK) counseling and tutorial program this fall quarter. Last year the program served a total of 190 students all three quarters.

The University had counted on increased federal grant expenditures and additional state grant-in-aid funds for this year's MLK program. During the summer, however, the federal funds available were substantially cut from the previous year's level. The state grant-in-aid program was delayed, and not a substantial source of aid for the fall quarter. Private contributions also fell short of expectations.

This combination of events placed an excessive burden on loans and work-study funds, which are considered the least desirable financial aids for disadvantaged students, who generally need extra time for studying.

Some \$265,000 is budgeted for aiding MLK students this academic year.

In the distribution of financial aids, all students in MLK are counseled individually by staff members of the Office of Student Financial Aid, which seeks to put together the most effective aid program for each student given his particular needs and the resources available.

Because further federal cuts are expected for next year, University officials anticipate the need for increased private contributions and direct University funding in 1970-71 and thereafter — or a return to heavy reliance on loan and work-study programs.

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THE UNIVERSITY OF MINNESOTA ALUMNI NEWS

(Our 69th Year)

JANUARY, 1970 • VOL. 69, NO. 5

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ON THE COVER: Computing at Minnesota is rapidly becoming an exciting area — and a student area. Plans are being laid to make the computer an integral part of a student's tools, much like the books he carries under his arm. Read our lead article, the first in a series on computing at Minnesota.

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

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POINTS of VIEW

ED HAISLET
Executive Director



Since 1951 it has been my privilege to be a part of the commencement exercises at the University. There are five graduating classes a year, December, March, June, July and August — Winter, Spring, Summer and Summer School commencements, with last June being by far the largest with over 4700 participants — and with the numbers increasing each year. Last year a total of 10,500 degrees were granted.

It has been interesting to be a part of the colorful and traditional academic affair with its pomp and ceremony, its colorful academic regalia, to listen to the President and special guest speakers having one last word with the graduating seniors, and the conferring of degrees. At Minnesota under the master hand of Bill Nunn, these have been carefully planned, magnificently staged productions — a colorful spectacular, a beautiful extravaganza.

But the affairs are highly impersonal, much too long, without warmth, or little personal meaning for either student or parents in attendance.

Actually the graduation ceremony is only a symbol, a gesture because no diploma is given out, and students are in attendance, not because it is a big thing to them — but because they are required to be there and march across the stage in order to get their attendance slip. I am told that many seniors get substitutes to attend for them (especially in fraternities) because no one knows the difference. Many who march are only hopeful of receiving their degree at this particular time; only after each record has been checked and requirements for the degree fulfilled are diplomas mailed, usually about 8-10 weeks later.

But changes are occurring — the ceremony is to be shortened at least two minutes because the other day I received a brief note stating that in order to shorten the commencement program, they were eliminating the two minutes the Alumni Director speaks to the new graduates. I could agree more — always being last on the program, the only thing I could say that would be listened to was "goodbye".

The truth of the matter is the present overall kind of graduation ceremony needs to be discontinued for reasons as mentioned above and because the Stadium (an acoustical problem) and Northrop are rapidly becoming too small for the numbers graduating. In its place, during commencement week, the various degree granting colleges, schools and departments would hold their own graduation functions — a luncheon, a reception, a dinner, where the Dean would speak in meaningful terms to the graduates and their parents, where he and his faculty could shake hands with the graduates and wish them well, and could meet and talk to the parents, and where honors could be announced and given out. To some extent this is now being practiced — the Medical School, College of Veterinary Medicine, Law School and College of Pharmacy all have pre-graduation dinners or ceremonies which are very nice affairs, with the parents and family attending. It is the kind of thing that should be extended to other colleges and schools of the University.

So let's hope the two-minute reduction in the graduation ceremony this December is indicative of more changes to come — a decentralized graduation program, smaller, more intimate, more personal and the sooner the better.

Sincerely,

Ed Haislet

1970 ALUMNI SURVEY

The ALUMNI NEWS is seeking a 1970 review of the character and composition of its audience.

The information you provide by filling out the questionnaire below will help us to 1) define our readership and consequently refine our editorial content to complement your current interests; 2) define our audience for potential advertisers and other interested people; 3) provide an updated profile of the average alumnus of the University of Minnesota for alumni office work.

This survey is anonymous. *PLEASE DO NOT SIGN YOUR NAME.*

Fill out only one questionnaire per family. And mail the completed form to SURVEY, 205 Coffman Memorial Union, University of Minnesota, Minneapolis 55455.

PLEASE ANSWER ALL QUESTIONS!

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 _____

7. Field in which you are employed (check one only):

Government

- Federal
- State
- Local
- Judicial
- Armed Services

Business & Industry

- Administrative Executive
- Operating Executive
- Non-management

Education

- Administration
- Professorial
- Teaching below college level

Medical Sciences

- Administration
- Research
- Practical

Other Sciences

- Physical
- Chemical
- Biological
- Environmental
- Other _____

- Communication
- Transportation
- Agriculture
- Social Service

- 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 Explain _____

9. 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

10. Is your position a supervisory one? Yes No How many people do you supervise? _____

11. 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
\$25,000-30,000 \$30,000-40,000 \$40,000-50,000 \$50,000-75,000 \$75,000-100,000 Over \$100,000

12. 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 ?

13. How many cars are there in your family? None 1 2 3 More

14. Year and make of cars _____

15. 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 \$ _____

16. Do you have a checking account? Yes No Do you have a savings account? Yes No Do you have a trust account? Yes No
17. 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
18. Do you carry hospitalization insurance? Yes No Group Non-Group
19. Do you contribute to any of the following University of Minnesota funds? University Regents Fund Alumni Fund Medical Foundation University of Minnesota Foundation Other
20. 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 _____
21. 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

22. How many times a year do you travel for business? _____
 How many times a year do you travel for pleasure? _____
23. How do you travel for business? Car Plane Rail Bus
 How do you travel for pleasure? Car Plane Rail Bus
24. How long is your vacation? _____ (weeks)
25. 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.)
26. Is your travel domestic or foreign? _____
27. Would you be interested in the Minnesota Alumni Association's yearly group tours? Yes No

PUBLIC SERVICE AND COMMUNITY ACTIVITIES

28. Since leaving the University, have you held any elective or appointive office? Yes No
 If "yes," please specify:
 City Highest post held _____
 County Highest post held _____
 State Highest post held _____
 National Highest post held _____
29. Do you hold public office now? Yes No
30. Do you consider yourself —
 Republican Democrat Independent Other party Nothing
31. In the 1968 election which candidate did you favor?
 Republican Democrat Another candidate
32. Did you vote in that election? Yes No
33. No one knows who the presidential candidates will be or what the issues will be, but — as you feel now — how will you most likely vote in the 1972 election?
 Republican Democrat Other party Depends
34. Do you vote a straight party ticket? Yes No
35. Are you an active party worker? Yes No
36. 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
37. What is your religious affiliation?
 Protestant Catholic Jew Other None
 If Protestant, what denomination? _____
38. Have you changed your religious affiliation since leaving the University? Yes No
39. Do you attend athletic events? Yes No
 Which ones? _____

MINNESOTA ALUMNI ASSOCIATION

40. Why did you join the Alumni Association? To support the work of the alumni? To support the University?
 To use the Alumni Club? To join the MAA Life Insurance Program? To use the University of Minnesota golf course? Other reasons
 Explain _____
41. Have you returned to the campus since graduation for other than reunions? Yes No Why? _____
42. Who in your family reads the Alumni News?
 Cover-to-cover Partially Very little
 Which sections are enjoyed the most?
 General feature Around & About
 Sports General Alumni News
 Alumni Profiles University News
 Other _____

COMPUTING AT THE UNIVERSITY

This is the first in a series of articles on computing at the University of Minnesota, and deals with the facilities available for the University campuses as well as their current and projected usage. Computer use, which is too often felt to be aligned only with research on the campus, is becoming increasingly important in instruction and as a student tool for study. The articles which follow this one will pinpoint specific computer use on the campus.

CONTRARY to a too popular notion, the University of Minnesota's computer system is not an elitist system. Its usage has many facets, and the projections for its growth are very exciting — as exciting as the computerized monitoring service that is currently being installed in the pediatrics section of the University Hospitals to aid in care that is life-giving to premature infants.

University Computer Services, the office that is responsible for coordinating all computing activities pertaining to research and instruction on the campus, is under the direction of Dr. Verbrugge, a computer specialist and physicist by background.

This office, however, has no supervisory jurisdiction over the business management computer that is in Morrill Hall, a system that handles the business operations of the University, student admissions and records, programmed budgeting — and, eventually, student registration. This system includes both academic and business management, and is responsible to the vice-presidential offices of the University.

University Computer Services is responsible for the large 6600 University center on highway 280, as well as the high speed terminal in Experimental Engineering, the West Bank's 3200 which is also a terminal to the 6600, and the 3300 computer in the Medical School.

"Over the years," Dr. Verbrugge told the Alumni News, "we plan to establish three more high speed terminals, one in the psychology education area, one in physical sciences and a third to serve St. Paul. Then we will have a system of a large central computer with eight satellite systems."

The computer that is in the Space Sciences Center is a hybrid that is a combination of an analog and

digital computer. This 1700, known as a stand-alone computer, is smaller in capability than the 3000 series. Computer Services plans to connect the 1700 into the 6600 so much of the high-speed computing can be done by the 6600.

The graphics that is done on the 1700 is known as interactive graphics where a presentation is put on the computer's screen that is to be changed. The presentation may be an architectural design or model of a river basin on which a student wants to study the impact of making certain changes on the model.

Such changes can involve a lot of computation, and if it is complicated and must depend on the 1700, it is slow. Tying the 1700 into the 6600 would speed up the process of having complex work done, and allow for much faster graphical presentation and greater computer usage.

Dr. Verbrugge noted that in the next couple of years, his office plans to make a major push in providing terminals on campus where students can sit and do their ordinary type of computing. These terminals will not only include current parts of the instructional computer system that will eventually become student terminals through connection to the 3000 and 6000 series, but also additional stand-alone computers like the 1700.

Currently student computation, particularly that which is course-related, is done on the 6600. The student puts his program into the computer station in Mechanical Engineering that is tied to the 6600, and comes back later to pick up his answer. Quite often, while the student is learning through the computer, the only answer he gets to his program is that he has made a mistake and is asked to do it over.

This is a frustrating experience for the student — unless he has fast turn-around time. But the University does not have the space available to provide this fast turn-around time.

Approximately 2500 students at Minnesota are enrolled in courses for which they must do some computing. To handle this kind of load, the University needs a large space where students can sit down and do their program preparation, have key punches available to punch their program on cards, and then submit their

program and wait for about half an hour, studying, until the program comes back to them.

The space that is available in Mechanical Engineering is very inadequate to handle such a student load on the batch-processing basis. "But we are giving heavy consideration as to how we can find more space," Dr. Verbrugge said.

In addition to the batch-processing use of University computers, the institution also has time-sharing terminals located where a number of students are involved in computer use. Currently, these terminals are all connected into computers outside of the University system.

The University needs its own time-sharing capability, preferably one that would connect a 3000-6000 system of its own. In addition, Dr. Verbrugge said, "we are interested in having a few smaller computers costing about \$100,000 that can handle 16 to 30 terminals."

A study group is currently looking into the whole problem, to come up with some recommendations as to what the time-sharing configuration should be for the University.

"We could save a lot of money if we had internal capability," Dr. Verbrugge said. "The computer system needs to grow at the University because of the pressures on it for student usage."

Presently, the University also supports two terminals at Morris that are also connected into commercial services.

The University does have a capacity today to handle some of the time-sharing needed on the 6600 if it could attach remote terminals directly to its 3200 and 3300 into the 6600 rather than connecting time-sharing terminals directly to the 6600. Such a communications concentrator would take programs sent into the 6600, collect them at the 3200 and send them on a high speed line for efficient use of the 6600. The 6600 could then solve problems in one second rather than one minute.

Such a system might be available by fall of 1970, one that would connect time-sharing terminals into the 3200 on the West Bank. Though the same thing could be done for the 3300, the combination of both would

not be enough to handle the entire time-sharing system needed.

The reason? Both the 3200 and the 3300 are expected to do too many other things. For instance, the 3200 on the West Bank must do all of the interacting work for Business Administration and the Social Sciences, plus batch processing, plus sending programs to the 6600. Time-sharing would have to be superimposed on all of this, and consequently cannot be a dedicated time-sharing system. Only 8 to 10 time-sharing terminals could be hooked into the 3200 and they don't begin to meet the University's needs.

If the University were to hook another 8 to 10 into the 3300, this would still just be a drop in the bucket.

The University is currently aiming for 100 time-sharing terminals in the next couple of years to provide the undergraduate with the kind of capabilities that the University should be providing.

Terminal capability will be student-oriented both to the graduate and the undergraduate, not staff-oriented. This would include both student course instruction and research-oriented graduate use of computers in instructional usage.

"The University should provide full funding for all instructional use," Dr. Verbrugge said, "but we are a long way away from that at the present time."

Currently, most graduate student use is supported through outside grants and contracts.

The public use of computers at the University is probably one of the most rapidly growing interests in the state. And the University must concern itself as to how its computers can be made available for public services — the state planning agency, Minnesota pollution agency and so forth. All of these agencies are coming to the University asking for help in solving some of their problems by computer. And the University is responding, through such programs as those relating to a health manpower project that is currently in the biomedical computer, or the large project in the School of Public Health that is national in scope.

Other computing activities which are non-University related include work with the State College and Junior College Boards and the Higher Education Coordinating Commission in their management systems. These

agencies have no computing of their own at the present time and have made arrangements to hook into the University's 6600 system.

There has been such a heavy demand on the University computers that President Moos has established a special study group to establish some special guidelines before the University system becomes saturated, and the University becomes a service agency for all state agencies, and local governments. A wrong step to take.

"The University should be helpful until some other

agencies have developed competence," Dr. Verbrugge said. "We should provide facilities on an interim basis until others have been established, and over the long pull provide instruction and consultation services that are directly related to the educational mission of the University.

"But we should stop short of the management of all of the information systems in the State of Minnesota that are data bases for total state student population studies, for all kinds of local governments, pollution problems or health care."

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The University's Audio-Visual services have produced a film that is visually and aurally exciting, and definitively informative — a compact character sketch of the University of Minnesota.

Their ONLY CONCERN Is INTEGRITY

LABOR Education Services, the division of the School of Business Administration at the University that reaches into the nonmanagement side of business — into labor — has three new and demanding projects underway this year in the labor and urban affairs area.

“The most important in our judgment,” said John Flagler, director of Labor Education Services (LES), “is the Midwest Office of Economic Opportunities (OEO) labor leadership project.”

This program will involve 110 carefully selected trade union men whose job will be to gear up the sponsorship of labor toward more effective response to the needs of the poor. They will be chosen in mid-January, by a committee in each of the four cooperating project states — North Dakota, Wisconsin, Indiana and Minnesota — that includes executive officers of the state federations of labor and members of LES and the cooperating university staffs.

To run a full year, the program begins with a week’s residential training at the University of Minnesota, opening one of its four weeks of formal training. This residential training, that will occur in each of the states involved, is composed, in the interim, of ongoing action projects that will take the men into the labor areas of the community to work with the poor.

Consequently, their “course” work is differentiated by the nature of the poverty problem that exists in their local areas, and their training is highly specialized.

The instruction of people from the Minnesota Iron Range, where poverty involves poor whites and Indians in a rural setting, will be much different from that given black trade unionists from Gary, Indiana, or Spanish surname union representatives whose concern is migrant workers in southern Wisconsin and Minnesota.

The University of Minnesota was chosen to be a part of this project because of its long-standing commitment to work with trade unions not only in the traditional vocational function of teaching effective collective bargaining, but also with the labor movement as an institution for social change. Not all universities have such an approach to labor education, but rather are highly vocational in nature.

Minnesota’s leadership and involvement in programs that are concerned with labor’s social and political involvement have been and continue to be controversial.

“We don’t knock the vocational training of labor unionism, which we do primarily,” Flagler said, “but if the union, as such, isn’t really doing the job of representing its people, then you don’t have an institution that’s strong enough to direct its attention to its responsibilities in the community.”

“In fact, if the union is representing its people, it is as such an anti-poverty institution.

“We’re concerned with the vocational training of trade unionism, that is, training trade unionists to bargain effectively, to deliver for their members and to meet their members’ needs, but, beyond that we conduct programs that are concerned with unions as a political and social force.”

The Minnesota LES group has been a leader in initiating programs that recognize labor as a political and social force. It has not been biding its time, but is training trade unionists to be leaders in all areas which they can affect.

How can an institution such as labor meet the needs of their people and the poor, many of whom are in their ranks?

“There is no job stability without community security,” Flagler said. “And there is no community security without social stability.”

Social stability can be found through a better education for the workers’ children, through better homes, through better health programs, all of which contribute to a better community.

“It doesn’t make much sense to train a worker how to get another dime into his pay envelope if someone isn’t also concerned about stabilizing the costs of medical care. Nor does it make sense to get another dime for him that will be stolen away by consumer costs that ought to be controlled,” Flagler told the Alumni News.

“We must not only look at labor in its vocational aspects; we must also look at the larger question — how do we meet the needs of the workers? How do we meet the needs of society?”

As a force of *proper* influence, trade unions can effect the two chief villains of the current inflationary spiral — housing and medical care — Flagler feels. He sees unions as being in a unique position to encourage the growth of prepaid group practice plans for medical care, rather than accepting higher medical costs from the establishment without question while at the same time bargaining for a bit more money for the health and welfare fund.

Approximately half of the poor in the United States are working poor. These are the people who often do the toughest, the dirtiest, the most dangerous jobs for the least income.

"The trade unions must attack poverty on every ground that they can," Flagler said. "They must try to build up the income of the needy and at the same time lower the cost of the vital commodities and services the needy must purchase.

"The trade unions must work for better health care for the poor at more reasonable costs. They must work for better housing for the poor at more reasonable costs."

The 110 selected for the Midwest OEO Labor Leadership Project are primarily selected on the basis of willingness, and in effect, are self-selecting because they are paid nothing. All the project promises them is a lot of hard work.

The 110 must be committed; and the selection committee looks for evidence of such a commitment — not just what the volunteers say they have done, but what they have done.

Some have been working in Big Brother or in Community Action programs. Others have initiated their own programs, like the man from the Iron Range who started his own alcoholics rehabilitation program. A reformed alcoholic himself, he gives of his life, his time and his talents in a special center.

Are such volunteers hard to find? They are not, according to Flagler, who says that the labor unions contain "some of the best of the best."

So is the staff of LES which this year has 12 full-time professionals, in addition to others, equally talented, hired for LES' special projects and programs. A major concern of LES is to discover where in the net of

research and action that is University-based, there have been gaps — places where people have fallen through and have not received help.

Their two other major projects are efforts to fill some of these gaps: in addition to the inadequate attention they find has been dealt to the working poor, they find that inadequate attention has also been paid to the older worker and to the industrially injured or disabled worker.

A pilot program is underway to develop an individual called an older worker specialist. These people are being trained to be employment specialists to develop jobs for older workers, train and equip the older worker for the current labor market, and to relate more effectively to him — all in all, to get the older worker back into the labor market after he has been pushed out.

The third program, concerned with the industrially injured and occupationally disabled worker, is being handled through the cooperation of the Division of Vocational Rehabilitation, the Minneapolis Rehabilitation Center and the State Employment Service.

"People are poor," Flagler said, "because they've developed a disease of the lungs on the job and their employer can't use them anymore. Some people are poor because they've never received proper rehabilitation. They don't know about rehabilitation. No one has ever instructed them of their rights and privileges, or where they exist."

LES is training people in the labor unions as referral agents, to be strategically distributed across the state, whose function will be, once they learn of an individual being injured on the job within their jurisdiction, to approach him and let him know of the full range of rights and benefits that are his, under law. This includes the knowledge of where the injured can go for rehabilitation and re-employability.

"There are people who have been laying around for years and never tap into the labor market because they don't know of the existence of rehabilitation services that are a matter of right," Flagler said.

It is important to train the trade union man because many of his people have never been reached by compensation benefits and rehabilitation services —

they have never established the employment-connected character of their injury or disablement. If the trade union man can reach them early, preferably at the time of the accident, this employment-connected character can be established, and an injured worker will not be all alone against the big insurance companies.

LES is bringing trainees — business agents and staff representatives from the unions — into four area programs around Minnesota to instruct them in such a way that they will train their own local union people. LES is not training them to be lawyers, but rather to be on top of an industrial accident in order to have the injured worker establish its job-connected character, fill out the proper forms and establish his rights under law.

The trainers in the program are part-time University instructors, in addition to others from appropriate government agencies: two specialists in workmen's compensation law, and other specialists from the Division of Vocational Rehabilitation and the Industrial Commission. These trainers will lay the fact basis and provide the materials that should encourage the trade union trainee to forward responsibility to the local union leadership.

Despite its controversial programs, LES personnel do not lose their zest for combat, according to Flagler. They know that the union leader often is not a popular guy, and will receive a lot of flack from the poor. For instance, the image of the trade union man in the black community is one of sitting astride the job channels and keeping out the black people.

"Yet," Flagler said, "there is probably no more racism in the labor movement than there is in organized religion or traditional educational enterprises."

LES' work in the "buddy program" that is bringing blacks into the labor market has helped them to establish confidence with the black community; they have demonstrated that LES is not out to research people and do a lot of talking, but that they are action-oriented. "We want results from our work that show people moving out of poverty and into decent jobs," Flagler said, "and we've been able to do this enough to be accepted."

The projects of LES, outside of vocational training,

represent a considerable investment of time and resource. The funding of all LES programs, through the Department of Labor, Vocational Rehabilitation, OEO and the Department of Health, Education and Welfare, among others, totals close to three-quarters of a million dollars — dollars given to action and demonstration projects.

"Because of this heavy investment," Flagler said, "we must do the best kind of work that we know how, and when we make decisions, we must make them right."

"The University of Minnesota has stood by the labor program better than any university I know of. These are controversial programs and often get into trouble on their respective campuses. Many have not received the support that we have in Minnesota.

"The only concern that we have is the integrity and affectiveness of the programs themselves, not the people that we antagonize.

"Our programs are effective if they can stand on their merits. And it is important for us to be able to reach back to the University for support."

Despite the vitality and importance of LES projects, the staff will have to cut back on the number of special projects that LES initiates because of space limitations. All of the LES project staff are housed in Clay School while those working in the vocational aspect of labor education are in the School of Business Administration tower.


As all projects are generated through the University, the institution is supposed to provide space in return for the 15 to 20 percent overhead it claims from the project monies.

It is difficult for LES staff to work in the two rooms — nine people in each — allotted at Clay School. These rooms are noisy, like a newspaper city room because of the numbers in them. The staff needs quiet and adequate working space.

New staff cannot be hired for special projects because there is no place to put them.

LES, consequently, may lose its impetus — and the University its overhead — if space is not provided soon.

*From the Office for Student
Affairs, Student Life
Studies, from a report
by Dr. Ralph F. Berdie*



THE MINNESOTA STUDENT IN THE LATE SIXTIES

IN FALL 1969, University students who were registered in the 24 major divisions of the University located on five campuses numbered 50,415. Sixty-two percent of these students were men. Almost one-fifth of them has been in high school the previous year, and slightly fewer than ten percent had transferred this fall to the University after completing college work elsewhere.

A little more than one-third of the entire University enrollment was in one college — the Arts College — and of the 17,580 in that college, over 12,000 were freshmen or sophomores, and only 5,000 were upper-classmen.

By comparison, the second largest college in the University is small. The Graduate School contains 7,700 students.

Of the 24 University divisions, 16 enroll fewer than 1,000 students.

There are two kinds of students in the University, men and women. There are two kinds of students in the University, those who live on campus and those who live off campus.

There are four kinds of students in the University, men who live on campus, men who live off campus, women who live on campus, women who live off campus.

There are two kinds of students in the University, those who are occupationally motivated, and those who are not.

There are eight kinds of students in the University, men who live on campus and are occupationally motivated, men who live off campus and are occupationally motivated . . .

Many dimensions and the answers to many questions

can be used to describe University students. From where do they come? What do they do in the University? What happens to them as a result of enrolling in the institution? What do they do when they leave the University?

These questions about — and the corresponding dimensions they raise — of University students are interesting, but in a sense, the answers, when they are available, are somewhat incomprehensible. Generalizations about the student body are easy to make; but difficult to justify.

Yet, statistics and figures, and consequent concepts, derived from research can provide information about students that reveals changes, suggests problems and allows some generalization.

But we must always remember that we really have 50,415 students attending the University, each of whom resists being categorized or typed, and each of whom must be recognized as a unique and different individual.

Since the University exists for and primarily consists of students, descriptions of the student population have relevance. Educational policies and programs are formed to answer student and community needs. The more information we have about students, the wiser should be our educational decisions.

The information presented here is derived, through the Bureau of Student Life Studies, from samples of students and from a great variety of sources.

WHERE DO THEY COME FROM?

Large numbers of students who come to the University are making a giant step forward in the educational pattern of their families. Many who enter the

University are attempting to make, in their own generation, an advance in educational level that normally requires six or eight generations.

Less than one quarter of the men who enter the University have fathers who themselves are college graduates, and fewer than half of that proportion of women have mothers who are college graduates.

Of Minnesota's new freshman men, 14 percent come from homes where the father had no more than an eighth grade education, 23 percent come from homes where the father was not a high school graduate, and 69 percent from homes where the father had no more than 12 years of education.

Most Minnesota freshmen are than "first" generation college students.

Through from homes showing a broad diversity of backgrounds, the distribution of parental occupations for University freshmen is not too different from the occupational distribution in the state of Minnesota, although these students tend to be drawn somewhat disproportionately from homes having fathers high in the occupational hierarchy.

The University's admissions policies may be regarded as egalitarian in terms of fathers' occupations; its graduation policies cannot.

Something disturbing happens between the time of matriculation and graduation.

In 1963 in the College of Liberal Arts, 28 percent of the entering freshmen had fathers who were in professions, or who owned or managed businesses. Thirty-two percent had fathers in skilled, unskilled, semi-skilled or semi-professional occupations.

Within five years of matriculation, 47 percent of the first group graduated from the University, as compared to only 33 percent of the second group. Examination of the college's admissions requirements showed practically every student having sufficient ability to graduate.

These facts suggest that a person who comes from a home higher on the economic scale has a better chance of graduating than one who does not, and has serious implications for programs of financial aid, new student orientation, and advising and counseling.

HOW ABLE ARE UNIVERSITY STUDENTS?

Each division of the University adopts entrance requirements it deems appropriate for its purposes. Hence, the student body within any division is quite different from that in any other division; yet each division also admits a most divergent group of students, and in each can be found students who are more competent and less competent academically than the average student in any other division.

Data has been available for many years that compares the University of Minnesota student with students in other Minnesota colleges. Students in the Institute of Technology and the Arts college tend to be somewhat superior in terms of academic aptitude to other liberal arts college students in the state.

University students, who constitute about one-third of the undergraduate enrollment in the state, taken as a whole, are quite representative of the total undergraduate enrollment in terms of their ability and high school backgrounds. Each year, several hundreds of new freshmen at the University have characteristics that would make them welcomed by any university in the country.

Evidence from college aptitude tests show that University freshmen enrollments have a large proportion of students with superior academic aptitude and considerable potential for University work.

WHAT ARE STUDENTS ATTITUDES AND EXPECTATIONS OF THE UNIVERSITY?

Students perceive the University as an institution that emphasizes personal, humane, poetic and political meaning, and that is concerned with increasing self-understanding, reflection, establishment of identity and search for personal meaning.

Students perceive the University primarily as an academic and scholarly institution, having competitively high academic expectations.

Consequently, they approach the University in terms of its intellectual and cognitive functions to a far greater extent than in terms of its social and practical functions.

Of course, the attitudes of students change while they are in the University. They learn that the campus is less socially structured than they had originally anticipated. They learn that students assume more responsibility for their own social and interpersonal behavior, and that the faculty and administration exert less control than they had expected.

The students realize that they have moved into an adult world.

The students also learn that the campus is not as intellectually exciting as they had anticipated, and that academic requirements are not quite as strenuous as they had assumed they would be. However, more than two-thirds feel that professors were thorough and really probed into the fundamentals of their subjects.

And three-quarters agree that students set high standards for themselves.

When asked why they attend the University, most students said that they were here to prepare for an occupation, and then added that they were also here for a liberal education. These two purposes are dominant.

Consequently, students are serious in their intent to come to the University, and almost all who enter plan to remain until they graduate.

Yet, for many, college attendance is intermittent, interrupted and extended.

A recent national survey suggests that about 60 percent of entering freshmen in the United States graduate within four to five years. A 1969 study of the University's Arts college students showed that 25 per-

This is your University . . .

serving IT freshmen with plans designed to keep them in school.

EIGHT years ago, more than 60 percent of the freshman class in the University's Institute of Technology (IT) were victims of the traditionally rigorous requirements of the Institute — and drop outs.

Following the 1968-69 academic year, however, only 37 percent were unable to continue doing C work or better.

This dramatic increase in the retention of promising young engineers and scientists must be attributed in large part, to a program of retention and recruitment headed by IT Assistant Dean Paul A. Cartwright.

According to Cartwright, it became apparent to the IT faculty in the mid-60's that a new approach had to be devised to aid the young student.

"It was quite a waste of resources to retain only 40 percent out of such a fine group," he said.

★ Increased contacts for freshmen recruitment

Three years ago, Cartwright initiated the first steps in a three-part program of recruitment and retention. His initial concern was to recruit — through increased contacts with Minnesota high schools and junior colleges — a larger number of potential IT students.

With this end in mind, three-man teams made up of a working engineer, an IT professor and an IT senior visited various high schools and two-year colleges to talk to interested students about the Institute.

★ "Clean-up," of the Institute's image

A second, closely-related scheme involved an attempt to "clean-up" the image of the Institute, Cartwright said.

"Potential students used to shy away from a college

program in IT," he said, "because they had heard it was extremely difficult and once they got in, they would be lost in their studies, without anyone to go to for outside help."

To change the IT image, Cartwright wrote letters of an informational and explanatory nature to prospective students, encouraging their enrollment in the Institute.

★ IT tutorial houses in residence halls

The third, and perhaps most important, step in the recruitment and retention program began last year when two entire floors were set aside in men's residence halls exclusively for IT students. Each floor, or "house" as it is called, is supervised by a live-in IT senior whose room and board are paid by the Institute in return for his tutoring services.

After a year of this approach, the retention rate for freshmen and sophomores living in the "houses" climbed to 72 percent, prompting the Institute to open three additional "houses" this year.

The "house" program is headed by Dr. Ronald G. Taylor, a full-time psychiatrist with the University's Student Counseling Bureau. His only job is to run the houses and counsel IT students in their personal problems.

Yet the commuters — nearly 75 percent of IT's enrollment — have not been left to fend for themselves. Mathematics tutoring sessions for freshmen who commute are held from 3 p.m. to 5 p.m., Monday through Thursday on the campus, and a mathematics teaching assistant is available for tutoring Tuesday and Thursday evenings at a Twin Cities suburban high school.

Before selecting Edina High School as a tutoring facility, IT administrators checked a map of the metropolitan area to find a population cluster of commuting students. Edina was in the center of such a cluster. Other suburban schools may soon be added to the program.

Also under consideration for next year is a plan to make meal tickets available at cost to commuters so that they might eat at the IT "houses" once a week and take advantage of the after-supper tutoring.

Another kind of student help came last fall when IT faculty voted almost unanimously to allow a student who gets an F or D grade to repeat the course and have only the second grade computed in his grade-point average.

"It's the final knowledge the student has that counts," Cartwright said. Yet the first grade is still on the record to show how he arrived at that level of knowledge.

And, this year, freshmen may remain undecided on what department in the college they wish to enter. "In the past," Cartwright said, "we demanded that each new freshmen decide in his first year what department he would enter. We now believe it is fairer to the students to allow them a year of general course work before they make up their minds.

"We are very pleased with the results of the recruitment and retention programs. But, as of last year, only about 25 to 30 percent of the people entering the Institute were awarded degrees.

"We won't be satisfied until we have boosted that figure to 50 or 60 percent."

Students in the Sixties . . .

iefs of college students do not change markedly while they are in college. Approximately two-thirds of entering freshmen come from homes with a basic religious belief that is somewhat conservative, that is, Roman Catholic or Lutheran.

Most University students have had experience with alcohol, and relatively few have had experience with other drugs not used medically. Among the entering freshmen, approximately eight percent reported some nonmedical experience with drugs, and about three percent described themselves at the beginning of the school year as current users. Figures are somewhat higher for sophomores. The drug most commonly used was marijuana.

The physical health of the University students is good, compared to other persons the same age outside of the University. Communicable disease rates are low. Suicide rates are low. Hospitalization for mental disorders is low.

The number of discipline cases called to the attention of University authorities is small when compared to crime and delinquency rates for this age group outside of the University. Recent developments leading to arrests for civil disorders may change this picture.

AND WHAT OF THE STUDENT, AFTER HE LEAVES THE UNIVERSITY?

Most employed University graduates are in professional occupations, 70 percent of the men and 75 percent of the women.

Over half of Minnesota's former students have had post college education, in graduate and professional schools, and through extension and evening courses.

When asked how they would rank themselves in terms of professional and occupational preparation with other university graduates they had come into contact with, most Minnesota graduates reported that they are relatively satisfied with their general, cultural and professional education when they compare themselves to others.

However, large numbers of former students have regrets because they were not more a part of the University and its activities.

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THE ALUMNI

University Awards Honorary Degree To Nobel Prize-Winning Chemist



Future of the Republican Party and many other books and articles.

Among the 1,500 candidates graduating, were 970 candidates for undergraduate degrees, 350 for master's degrees and 180 for doctor of philosophy degrees.

Ohio Alumni Have Enthusiastic Plans

After a successful open house that produced several new alumni faces, followed by a sports gathering centered around the Minnesota/Ohio State game in Columbus, the Day-

ton-Springfield Alumni Club is enthusiastic over its club plans for the rest of the year.

On a Sunday afternoon in late February or early March the chapter will sponsor a hockey game, followed by refreshments at chairman Mel Reid's home.

And their annual Spring Meeting-Dinner Party is booked at the Miami Valley Country Club. Chairman Tom Liu is promising an outstanding speaker for the event.

Alumni in the Dayton-Springfield area are invited to attend these events. Contact Buzz Thorson for more information.

A Nobel prize winner and University graduate whose scientific explorations have ranged from the chemical aspects of memory to life on the stars received an honorary doctor of science degree from the University at its fall-quarter commencement December 20.

Professor of chemistry at the University of California, Berkeley, Melvin Calvin '35PhD, was presented the degree by University President Malcolm Moos at ceremonies in Northrop auditorium.

A native of St. Paul, Dr. Calvin was awarded the Nobel Prize for Chemistry in 1961 for his work in photosynthesis. Also holding bachelor and doctor of science degrees from Michigan College of Mining and Technology, he is a pioneer in research in the use of radioactive carbon as a tracer in biochemical reactions.

Commencement speaker was Robert John Donovan, Washington Bureau chief for the *Los Angeles Times*, and author of *PT 109: John F. Kennedy in World War II*, *The*



SOCIAL WORK ALUMNA OF THE YEAR, Mary J. Connery '49MSW, far right, received a plaque to commemorate her award from Elizabeth V. Hunt '52MSW, center, president of the Social Work Alumni Association, at the group's Fifth Annual Meeting in early December. Miss Connery is with the Minnesota State Department of Public Welfare. John C. Kidneigh, director of the University's School of Social Work, left, was also on hand for the presentation. Delwin M. Anderson '39BS '46MSW, director of Social Work Services for the Veterans Administration Central Office in Washington, D.C., received the University's Outstanding Achievement Award at this same meeting.



GO LATIN...

AND GIVE!

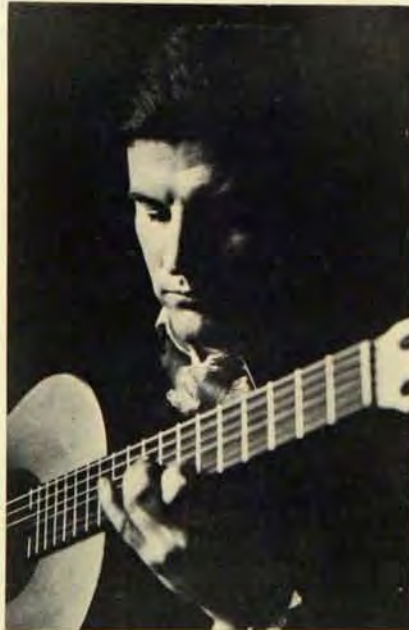


This year the Minnesota Alumnae Club is going Latin in its presentation of the 1970 Fashion Revue and Champagne Tea.

Why don't you go Latin, too — and join Minnesota Alumnae and friends at Holiday Inn Central on February 7 from 2 to 4 p.m. Your attendance will benefit the Undergraduate Scholarship Fund. In 1969 contributions to the Fund were sufficient to give four full-tuition scholarships.

Models for this year's Fashion Revue include Mrs. Malcolm Moos, wife of the University president, St. Paul; Mrs. James H. Reeves, faculty wife of the assistant dean for Student Affairs, St. Paul; Mrs. Arleen Martin Carlson, alumna and wife of a Minnesota Foundation Board member, Edina; Mrs. Betty Barnhart Clapp, alumna and 1952 Aquatennial Queen, St. Paul; Mrs. Sue Kumpf Cox, alumna, TV personality and model, Minneapolis; Mrs. Jean LeVander King, alumna and daughter of Minnesota Governor LeVander, West St. Paul; Miss Ann M. Pattee, an elementary education graduate who teaches in Lyndale School, Minneapolis, from Golden Valley.

Mrs. Jean Hultgren Pennock, alumna and wife of an MAA Board member, Minneapolis; Mrs. Jeanette Ridlon Piccard, pioneer balloonist and presently consultant to NASA, MAA Board member and



Outstanding Achievement Award winner, Minneapolis; Mrs. Jean Sampson Rushay, president of the Medical Technology Alumni Association, White Bear Lake; Mrs. Marcia Haislet Swanson, alumna, wife of the General College Alumni Association president and daughter of MAA Executive Director Ed Haislet, Wayzata; Mrs. Ann Hustad Watson, alumna, wife of the MAA president and daughter of past

MAA president Art Hustad, Minneapolis.

Male escorts for the occasion are Waldo E. Hardell, 1926 graduate of the School of Business Administration, past MAA president and current Board member; and Jeff Wright, 1970 Gopher football captain.

Flamenco guitarist Michael Hauser, a 1960 graduate of the University's School of Forestry, will entertain at the Tea.

Mike worked in forestry in Alaska and managed a rubber plantation in Africa before becoming a professional guitarist and entertainer. His interest in the guitar carries back to his college days when he began playing folk before the rhythms of flamenco captivated him.

He has since received extensive training in Spain under renowned guitarists and through intensive sessions at Spanish dance schools, learning the art of accompaniment.

He has given concerts at many of the colleges, high schools and various institutions in the Upper Midwest and in 1967 released an LP recording. He also is a teacher of flamenco. And well worth hearing!

Join the Alumnae on February 7th. Go Latin — and give to the Freshmen Scholarship fund.

**MAKE YOUR
RESERVATIONS FOR
THE NURSING STUDENT
ALUMNAE-TEA**

The School of Nursing Alumnae Association will present its annual Student-Alumnae Tea on Thursday, January 29, in the Powell Hall Green Lounge on the Minneapolis campus.

This event is an opportunity for the junior and senior nursing students to become acquainted with the Nursing Alumnae Association and to meet the alumnae.

A style show of the latest in uniform fashions will also be part of a program that includes the senior nursing students receiving their graduate caps.

Make arrangements today to come January 29 to see your classmates and meet the students. Contact the School of Nursing Alumnae Association, 205 Coffman Memorial Union, University of Minnesota, Minneapolis 55455, telephone 373-2466, for reservations.

**Dental Alumni Name
Professor of Year**

The Century Club, an alumni organization of the University School of Dentistry, named a "Professor of the Year" recently at its third annual meeting in Minneapolis. Some 350 members, who supported educational activities of the school which cannot be funded by the state or by grants, also presented two honorary memberships.

Dr. Robert J. Isaacson, professor and chairman of orthodontics, was selected "Professor of the Year" for his many contributions to educational research. Honorary memberships went to Jay Phillips, a Minneapolis philanthropist, and University President Malcolm Moos.

Dr. Isaacson heads the first combined DDS-PhD-degree program in the country and also directs two large interdisciplinary post-doctoral

Continued on page 28

**A FAMILY IN THE
GOPHER TRADITION!**

When Dr. Edward W. Ostergren graduated from the University's Medical School in 1909, he began a family tradition that was to become a unique history.

Dr. Ostergren went into general practice on St. Paul's East Side where he was raised, following his studies at Minnesota. In 1931 he became a fellow of the American College of Surgeons, as a general surgeon and in obstetrics and gynecology.

The doctor and his wife have two daughters — Eva Jane and Lenore Ann — both of whom graduated from the University of Minnesota Medical School.

Eva Jane, who received her MD in 1938, married Bert R. Larson, a 1938 grad-

uate of the University's Dental School, that same year. And Eva Jane and Bert's two children have carried forward their family's Minnesota medical tradition.

Jane Larson Reiman '69MD is currently interning at Grady Hospital in Atlanta, Georgia, as is her husband Herb, also a '69 graduate of the Minnesota Medical School.

The Larson's son, Bert, is a sophomore in the University's Medical School, along with his classmate and cousin, John, Lenore's son.

Dr. Ostergren's second daughter received her MD from Minnesota in 1945 and married Kenneth O. Nimlos '45MD.

Lenore and Kenneth's other four children are still in high school — and perhaps also reaching toward medical careers.

After special work at the University, Lenore became

a marriage conciliator. Currently she is continuing her studies at Minnesota to become a psychiatrist.

Dr. Kenneth Nimlos is also on the campus in graduate studies toward psychiatry, on a three-year grant.

Dr. Ostergren, proud parent and grandparent of a truly Minnesota medical family, has been a member of the Minnesota Alumni Association since its beginnings. Today, at 85 years of age, he writes that he "hopes to live to contribute more." His letter to the Association held a Life Membership application for him and his wife, and a \$1000.00 donation to the Medical Microscope Fund.

In 1964 Dr. Ostergren was paralyzed from the ribs down by a high fracture of the spine. He has been in a wheel chair since — but his spirit has not!



OFFICES SHOWING A 50-YEAR difference were part of the scene at the anniversary celebration of the School of Business Administration's 16th Annual Institute. At the left is a 1920 office, complete with spitoon, coat tree, old-time typewriter and a secretary in high-laced boots. Today's office, after 50 years, is at the right, showing advanced electronic equipment and a "mod" secretary.

clinic research training grants for the Dental School. Additionally, the University of Minnesota graduate has served on many National Institute of Dental Research committees and continues to be a consultant in orthodontics to the Council on Dental Education of the American Dental Association.

Phillips helped to sponsor the establishment of a cleft palate program at the University four years ago.

Moos was cited for his "helmsmanship, understanding and support of dentistry . . ."

Cedar Rapids Meets

More than 60 University alumni in the Cedar Rapids, Iowa, area attended a chapter meeting in late October to hear Jerry Kindall, Minnesota assistant baseball coach and head of the Henry L. Williams Scholarship Fund, speak.

Earlier in the meeting, Dennis Swan, an assistant director of the Minnesota Alumni Association, talked to the group about the structure, organization and programs of the MAA, and discussed University enrollment and budget figures.

The film, "A History of University of Minnesota Football," was also shown.



HOSTESSES AT THE SCHOOL OF BUSINESS ADMINISTRATION'S 1969 Institute not only represented various classes of the School, but also emphasized the 50th Anniversary of the School of Business Administration in their varied dress. The hostesses included, from the left, seated, Patricia Partridge, Margaret Starkey, Mary Alice Stuart and Eileen Russell; standing, Joyce Carlson, Arline Dimond, Gloria Swanson, Carol Berndt, Carol Koester and Lois Moe.

50-YEAR REUNION AHEAD FOR 1920 GRADUATES

PLANS for the Golden Anniversary Reunion celebration of the class of 1920 are well underway for May 14th, Cap and Gown Day at the University of Minnesota.

The committee for the event has been organized and is making arrangements that will suitably salute a class that shows among its outstanding graduates, three Alumni Service Award winners and 16 Outstanding Achievement Award recipients.

Chairman of the 1920 Golden Anniversary Reunion committee is E. B. Curry 'ME, St. Paul, and vice chairman, Edwin C. Culbert 'BSEd, Minneapolis. Other committee members include William T. Coulter 'Lib-Art, St. Paul; Amos Deinard 'BA, Minneapolis; Benjamin O. Eggan 'BA, Minneapolis; Lillian M. Fink 'MD, Minneapolis; Robert B. Gile 'BA, Pompano Beach, Florida; Herbert L. Lewis 'BA, St. Paul; Frank A. R. Mayer 'LLB, Minneapolis; Frank McNally 'BA, Minneapolis; Miss Elizabeth Nissen 'BA, Minneapolis; Donald P. Shannon 'BSAg, St. Paul; Mrs. Mabel Ashenden Tupa 'BSHE, Minneapolis; Milton S. Wunderlich 'ME, St. Paul.

The names listed below include those members of the Class of 1920 who were not listed in the 1969 November issue of the Alumni News. If you have any further corrections for the 1920 Class listing, please contact the Class of 1920 Reunion Committee, 205 Coffman Union, University of Minnesota, Minneapolis 55455, or telephone 373-2466.

And reserve May 14 to celebrate your Golden Anniversary Day with your classmates!

JANUARY, 1970

- Skagberg, Mrs. Elsie Schurr
Lagoona Hills, Calif.
- Rosen, Mrs. Mildred Mandel
St. Paul, Minn.
- Aass, Dr. Bergliot
Oslo, Norway
- Francis, Dr. Vinal B.
Brookings, S.D.
- Goldberg, Dr. Max W.
Minneapolis, Minn.
- Howe, Dr. Frederick M.
Tacoma, Wash.
- Lundquist, Dr. Elmer C.
Minneapolis, Minn.
- McCray, Dr. Lyle H.
Reno, Nev.
- Quigley, Dr. Maurice W.
Minneapolis, Minn.
- Risk, Dr. Paul A.
West Lafayette, Ind.
- Rodman, Dr. Duane E.
Midway City, Calif.
- Schwedis, Dr. Carl H.
Edmonds, Wash.
- Swanson, Dr. Harold E.
Minneapolis, Minn.
- Whitney, Dr. E. L.
Minneapolis, Minn.
- Tupa, Mrs. Mabel Ashenden
Minneapolis, Minn.
- Alexander, Mark H.
Owatonna, Minn.
- Korfhage, Roy F.
Charlotte, N.C.
- Peters, Mrs. Gladys Anderson
Forest Lake, Minn.
- Overmire, Mrs. Lillian Tift
Minneapolis, Minn.
- Doyle, Mrs. Esther Stene
International Falls, Minn.
- Loomis, Mrs. Eleanor Young
Edina, Minn.
- Maki, Mrs. Ann Farmer
Ithaca, N.Y.
- Geeman-Pott, Mrs. E. Okeline
Minneapolis, Minn.
- McGinnis, Mrs. Helen Knebel
Portland, Ore.
- Drinkall, Mrs. Fanny Miller
Cleveland, Ohio
- Rorvig, Mrs. Muriel Rockwood
Madelia, Minn.
- McClellan, Mrs. Irma Baker
Bethlehem, Penn.
- Oaird, Mrs. Gertrude Becker
Minneapolis, Minn.
- Ericson, Mrs. Florence
Bolmgren
Minneapolis, Minn.
- Brossard, Mrs. Laura
Parkinson
Washington, D.C.
- Corpron, Mrs. Grace Chapman
Yakima, Wash.
- Carman, Mrs. Jean Boyd
Pipestone, Minn.
- Brock, Mrs. Marion Silvernale
Paducah, Ky.
- Williams, Caroline
Spicer, Minn.
- Wehrend, Mrs. Blanche
Zellmer
Norman, Okla.
- Aamodt, A. W.
Fargo, N.D.
- Bovee, Lloyd L.
Tutton, S.D.
- Finley, Clifford B.
Grimes, Iowa
- Curran, Gordon C.
Mason City, Iowa
- Fischer, Richard A.
Glencoe, Minn.
- Gamble, Walter P.
Wethersfield, Conn.
- Gillach, Joseph F.
Aurora, Minn.
- Hanson, Harold S.
Chisholm, Minn.
- Hass, Harry A.
River Falls, Wis.
- Hawkinson, Arnold
Virginia, Minn.
- Hickman, Charles C.
Wabasha, Minn.
- Highmark, George H.
Duluth, Minn.
- Holt, Budd A.
Arlington, Va.
- Klefsaas, Lewis G.
Minneapolis, Minn.
- Law, Sidney D.
Exeter, Calif.
- Nelson, Nels L.
Lynwood, Calif.
- Peterson, Rodney M.
St. Paul, Minn.
- Roth, Rufus O.
Lamberton, Minn.
- Thomson, Kenneth W.
Los Angeles, Calif.
- Yarosh, Solomon
Minneapolis, Minn.
- Brayton, Shirley
Dunedin, Fla.
- Palmer, Rev. P. R.
Duncan, Okla.

THE UNIVERSITY

NEW CENTER TO FOCUS ON RESEARCH, DEVELOPMENT IN EDUCATION FOR THE HANDICAPPED

Improving education for thousands of handicapped children in Minnesota is the goal of a new center at the University.

"The primary purpose of the new center is to conduct programmatic research aimed at the improvement of educational programs for children handicapped by physical, social, intellectual or emotional disabilities," said director Bruce Balow.

A professor of special education, Balow is directing the research of 10 University faculty members and 24 predoctoral and postdoctoral fellows. They are working with children from the paranatal period through adolescence in Minnesota public schools and state institutions.

Called the Research and Development Center in Education of the Handicapped, the center is funded by grants totalling \$594,206 from the U.S. Office of Education and is located in the College of Educa-

tion's special education department. These grants are for a five-year period, beginning in June 1969, and may be extended beyond that time.

In order to achieve its goals, the center is pursuing basic, developmental and applied research in three areas: characteristics of handicapped children and their teachers; characteristics of various treatments, as well as development of new techniques; educational "packages" intended to match students, teachers and techniques for the best educational development.

A complementary objective of the center is the training of personnel in the education of handicapped children through the program of predoctoral and postdoctoral fellowships.

Another field project, currently being conducted by the Center, concerns the Berber and Arab tribes in Morocco that are soon to be affected by major irrigation work there.

a year of post-graduate study at the University of California, San Francisco, concentrating on the development of curriculum and preparation of faculty for associate-degree programs in nursing.

U Receives Ford Grant of \$200,000

A \$200,000 grant to the University Center for Comparative Studies in Technological Development and Social Change was recently announced by the Ford Foundation. The funds will be used to continue the Center's research for a three-year period in the areas of urbanization and development, the political basis of economic development, and the exploration of new ideas and projects.

The Center was established in 1967 in the Office of International Programs for the purpose of conducting interdisciplinary research and developing theories on the relationships between technological development and social change in many different social and cultural settings. Professor Robert T. Holt is its director.

Currently involved in research at the Center are five University faculty members representing the disciplines of political science, anthropology, economics and mathematics. They work with collaborators in four foreign countries — England, India, Mexico and Morocco. The new grant will allow for increased participation by faculty and students.

Two field studies in which the Center is involved concern "new" industrial cities in India and Mexico that provide a social laboratory for the study of urbanization and development.

NURSING FACULTY TO EXTEND THEIR SERVICES OUTSTATE

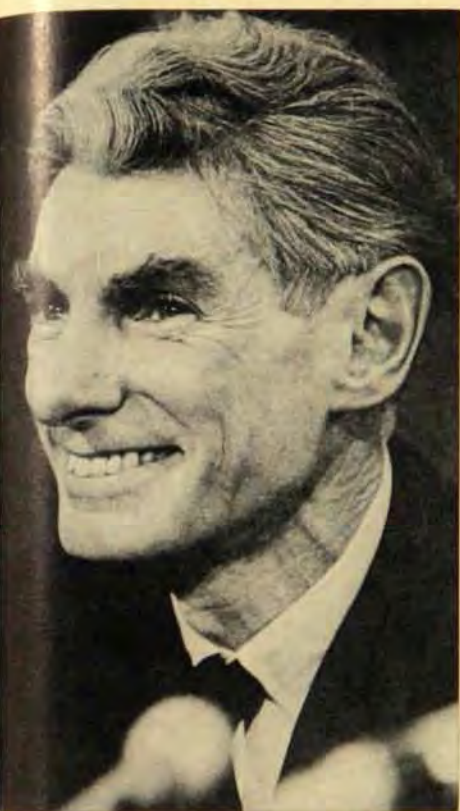
The School of Nursing at the University is offering its consultation and continuing-education services to nursing teachers throughout the state.

Eugenia Taylor, assistant professor of nursing, will consult with the various vocational schools, hospitals and junior colleges that have practical nursing or associate-degree nursing programs. Her efforts will be coordinated with the Minnesota Board of Nursing, the Vocational Education Division and the Junior

College Board of the State Department of Education.

There are 27 practical nursing programs in Minnesota with some 125 faculty and more than 800 students. Associate-degree programs have been established at four junior colleges, with another opening in the fall of 1970.

Miss Taylor, who received her bachelor's and master's degrees in nursing from the University and has been on the School of Nursing faculty since 1949, recently spent



PRESIDENT MOOS SPEAKS OF HIGHER EDUCATION TO COME

In the last decade of higher education in Minnesota, said University President Malcolm Moos:

"Our state colleges have tripled their enrollment;

"The public junior colleges, by adding a number of institutions, including five in the metro area, have increased their enrollment six-fold;

"The University of Minnesota system, starting from a much higher base, increased its enrollments by about two-thirds;

"The area vocational-technical schools enrolled six times as many students in 1969 as they did in 1960. . . .

"Stated otherwise, we have added the equivalent of a new St. Cloud State College each year over the last ten years."

After summing up some of the huge growth in higher education during the sixties, President Moos went on to describe the coming problems for the seventies to a Schoolmen's Day audience of principals, superintendents and other school officials who gather once a year in the Twin Cities in December.

"Taking a deep breath and looking at the seventies, one matter is certain: we need to find room over the next ten years for approximately 80,000 more students in collegiate programs. . . . The junior college system very likely will double. (Undergraduate enrollments in the state college system will also double and the graduate programs in the state colleges will probably need to be multiplied threefold. . . ."

While the University will need to expand in all areas, the president said, "the most striking and difficult University problem" will be its ability to provide for doubled graduate and professional enrollments by 1980 — "a phenomenal 14,000 additional students. . . ."

Moos mentioned some of the top-priority areas for decisions to be made by the Higher Education Coordinating Commission, which plans statewide higher education for the State Legislature:

- the increased need for third- and fourth-year education for students who complete junior college;
- the great need for a four- or five-year college in the Rochester area, while continuing that region's junior-college functions and vocational-technical school;
- the problems of third- and fourth-year college education in the Iron Range area, where great distances and relatively small population present difficulties; and
- the most troublesome problems of the Twin Cities area, where a vast majority of the new students of the seventies will be located and where no four-year public institution exists except the University.

In making these decisions, the president said, "We must take into account not only the individual aspirations of our people, but the manpower needs of the state as well. . . . We must ask loudly and clearly if decentralizing — creating some institutions in non-metro areas of the state — is not a more useful vehicle for meeting regional manpower needs."

To support this idea, he mentioned the close relationship between where students complete their education and where they establish their careers.

Moos referred to the close of the sixties as a "watershed time in education" comparable to the turn of the century when the state committed itself to elementary and high school education for everyone.

By 1985, Moos said, "we must be educating 85 percent of our high school graduates in some form or another."

—Mrs. Nancy Pirsig, University News Service Director

AROUND & ABOUT



KRAEMER



SHAFFER



AHLF

Pharmacy

'50

John R. Berry '50BSPhm, director Eli Lilly & Company's pharmaceutical operations for Japan, Korea and Okinawa, has been named director of sales for the southwest region of the United States. A registered Minnesota pharmacist, Berry was employed by two retail pharmacies in the state before joining Eli Lilly in 1955 as a sales representative.

'69

Kentner J. Ahlf '69BSPhm has been employed by Eli Lilly & Company as a sales representative in Idaho Falls, Idaho. A native of Worthington, Minnesota, he is a member of the American Pharmaceutical Association and Kappa Psi, professional pharmacy fraternity.

Institute of Technology

'21

General Leif J. Sverdrup '21BCE, chairman of the board and chief executive officer of Sverdrup & Parcel and Associates, Inc. Engineers-Architects, St. Louis, Missouri, has been appointed chairman of the Engineering Committee of the National Council, Boy Scouts of America. General Sverdrup is also vice president and member, Region VIII Executive Committee, National Council, B.S.A., and vice president of the St. Louis B.S.A. Council. In 1968 he received the Silver Antelope Award presented by Region VIII for distinguished service to the boyhood of the entire region.

'35

Dr. Robert R. Gilruth '35BSAeroE '36MSAeroE, director of the National Aeronautics and Space Administration's Manned Spacecraft Center in Houston, Texas, was recently named one of seven winners of the 1969 Rockefeller Public Service Awards given annually in recognition of "distinguished service to the Government of the United States and to the American people." In his 32nd year

as an aerospace researcher and administrator in the Federal government, Dr. Gilruth received a special "At Large" Award created this year for "an extraordinary accomplishment of so broad a nature that it cannot be properly categorized by one field of endeavor." Gilruth has often been cited as the man most responsible for the success of this country's manned spacecraft program.

'40

Wayne G. Shaffer '40BME has been elected president of Vitro Laboratories Division, Vitro Corporation of America. He will continue as director of Vitro's Silver Spring Laboratory, a systems engineering, research and development, and program management firm located in Maryland. Shaffer, who joined Vitro in 1948 and became associate director of the laboratory in 1957, was promoted to director in 1960.

Hayden M. Pickering '40BEE '40BME, managing director for textile fibers of DuPont de Nemours International S.A. in Geneva, Switzerland, has been named assistant general manager of DuPont's Textile Fibers department. Pickering, who joined DuPont in 1940, spent most of his first 10 years with the company in power supervision before becoming associated with the textile fiber business.

'42

Paul W. Kraemer '42BCE, president of Minnegasco, the Minneapolis Gas Company, has been elected chairman of the board of the Institute of Gas Technology, a multi-million dollar research arm of the gas utility industry. A member of the Institute's 40-man board since 1967, Kraemer has long been active in the gas industry's educational and research-oriented functions. In late 1969 he concluded a three-year term as chairman of the American Gas Association's Promotion, Advertising and Research program. Kraemer is also a trustee of the President's Board of Advisors at Augsburg College, Minneapolis.

J. C. Chu '42BEE, vice president of planning and development of the Honeywell Electronic Data Processing Division

since 1963 and an assistant general manager of that division since 1968, has been promoted to vice president of planning and development of Honeywell's five-division Computer and Communications Group, Wellesley, Massachusetts. In addition to computers, Chu did very early pioneer work in television for Philco, was a senior scientist and manager of the computer department at the University of Chicago's Agronne National Laboratory, and professor of electrical engineering and acting department head at the Fournier Institute. Starting in 1956, Chu worked with the Univac Division of the Sperry Rand Corporation in various management positions.

'49

Dr. D. Bruce Bright '49BSChem, Oakland, California, a chemist at Shell Development Company's Emeryville, California, research center, has been appointed supervisor of advanced products research in the parent Shell Oil Wood River, Illinois, research laboratory. Joining Shell in 1957, Dr. Bright held a year-long National Science Foundation post-doctoral fellowship at the Swiss Federal Institute of Technology, Zurich, and taught at the University of North Carolina and at Purdue during 1952-57.

'55

Peter Woytuk '55BSArch, Belmont, Massachusetts, has been appointed a vice president of Hugh Stubbins and Associates, Inc., Cambridge architectural firm. Joining Stubbins eight years ago as associate in charge of design, Woytuk previously was a designer specializing in educational projects with Ellerbe Architects, St. Paul. A member of the faculty of the Boston Architectural Center, he has been the recipient of several awards and scholarships throughout his career.

Dr. Roger W. Strassburg '50PhDChem, formerly director of research and development operations at The B. F. Goodrich Company research and development center, Brecksville, Ohio, has been named administrative assistant to the president of B. F. Goodrich. Strassburg joined BFG in 1950.



IN A DEPARTURE FROM ACADEMIC CUSTOM, Neal Palomba '66PhD, professor of economics at Iowa State University, presented his wife, Catherine '66MA, for a PhD degree in economics in the November commencement exercises at Iowa State. The Palombas are pictured above.

Usually, the major professor who supervised the graduate student's work presents the candidate for the formal awarding of the degree. Mrs. Palomba's major professor, a colleague of her husband in the economics department, thought that Palomba might enjoy doing the honors instead.

Mrs. Palomba, who began working on her PhD in economics with a minor in statistics in 1966, gave birth to a daughter the following year. While working on her thesis, she held a Department of Labor Manpower Fellowship, and has also had a National Science Foundation Fellowship. Mrs. Palomba is a member of Phi Kappa Phi scholastic honorary and Beta Gamma Sigma business college honorary.

With her new degree, she becomes the second Dr. Palomba in the Iowa State economics department, where she will teach and do research in the department and the Industrial Relations Center.

Journalism

'40

Otto W. Quale '40BAJourn, president of the Associated Collegiate Press, University of Minnesota, has been appointed to the U.S. National Commission for UNESCO. In public relations and advertising positions since 1940, Quale was named executive director of the National Scholastic Press Association and Associated Collegiate Press in 1968, representing the latter in the Commission.

'49

Dr. Donald R. Grubb '49MAJourn, head of the Journalism department of Northern Illinois University, has been named president-elect of the American Society of Journalism School Administrators. Grubb, who has worked on newspapers in Chula Vista, California; Carbondale, Illinois; Salt Lake City, Utah; and Branson and St. Louis, Missouri, is the former president of the National Council of College Publication Advisors.

'56

Gordon A. Erickson '56BEE, formerly project manager of the Univac anti-submarine warfare ship command and control system at the Naval Electronics Laboratory Center, San Diego, has been named manager of operations here for Sperry Rand Corporation's Univac Federal Systems division. Co-inventor of a multicomputer computing system patent issued in 1968, Erickson joined Univac in St. Paul immediately following graduation from Minnesota.

'64

Stanley E. Anderson, Jr. '64MSChem has joined Hooker Chemical Corporation as a patent assistant assigned to Hooker's Corporate Patents and Licensing Department. Prior to joining the Hooker organization, Anderson was employed as a teaching assistant at the University, and held product development and technical service posts with E. I. DuPont de Ne-

mours and Company, and Atlas Chemical Industries.

'65

Richard J. Callaway '65MSGeo has joined Signal Oil and Gas Company as a geophysicist at the company's Gulf Coast Division in Houston, Texas. Callaway has had six years experience in exploration in this area, with special emphasis in Southeastern and Offshore Louisiana.

'68

Private Leo J. Slechta, Jr. '68BEE, Wayzata, Minnesota, has been assigned to the U.S. Army Infantry Board at Fort Benning, Georgia. He is performing the duties of an assistant electrical engineer in the Combat Conditions Test Division. Slechta was previously employed as a planning and design engineer for Interstate Power Company, Dubuque, Iowa, prior to entering the Army.

'58

Tomotane Araki '58MAJourn has been teaching at the Kanto Gakoin University as an associate professor of journalism. He is also editor of the Japan Port Economics Association.

'59

Kenneth F. Waterman '59BAJourn has been named advertising and sales promotion manager for industrial and professional products in the 3M Company Photographic Products Division. He joined 3M in 1963, and most recently was a sales operations coordinator in the 3M Industrial Mineral Products Division.

CLA

'42

Carl C. Gustafson '42BA has been appointed inventory manager for branch sales offices at the 3M Company. Joining

3M in 1944, he most recently was assistant manager for branch sales offices.

'52

Donald J. Clarkin '52BS was elected senior vice president of Continental Casualty Company, a subsidiary of CNA Financial Corporation.

'56

Dr. Bartolo J. Spano '56BA, clinical psychologist, has been appointed director of the counseling service at Wright State University, Dayton, Ohio. A specialist in child and adolescent psychology, Spano was awarded a PhD from the University of Florida in 1965, and has practiced at Penn State University and Meyer Memorial Hospital, Buffalo.

'58

R. C. Dahl '58BA is a principal and vice president in the newly-formed brokerage firm of Hakman Dahl and Company, Inc., San Francisco, California. R. C. went to California to serve in the Navy after graduation from the University. Since 1961 he has been employed in San Francisco as a registered representative of a New York Stock Exchange member firm.

'69

Glenn C. Peterson '69BS has joined Eli Lilly and Company as a sales representative in Fort Lauderdale, Florida. Peterson was previously employed as a senior laboratory technician in St. Paul, Minnesota.

Business Administration

'42

Kenneth L. Block '42BBA has been elected president of A. T. Kearney & Company, Inc., one of the largest firms of general management consultants with eleven offices in the United States and overseas. At the time of his election, Block was serving as regional vice presi-



dent for the firm's Central Region, a position he had held since 1967. Joining Kearney in 1948, he was elected a vice president and director in 1964. Block is also a partner of A. T. Kearney Personnel Services. Previously, he was with Minneapolis-Honeywell Regulator Company, Ford Motor Company and Chevrolet Aviation Engine Company.

Because of the efforts of a Minnesota alumnus, the University of Hawaii's medical education program in Okinawa may serve as a model for Japan's postgraduate medical training programs. The two-and-a-half year old Hawaiian program has been so successful that the Japanese Medical Association honored Dr. Neal L. Gault '51MD, its director, with the Association's highest award — the Supreme Japan Medical Association Award — and Japanese medical authorities have recommended that medical educators pay particular attention to the various aspects that have made the program successful.

Dr. Gault, professor and associate dean of the University of Hawaii (U. H.) School of Medicine, in receiving an award that is rarely given to an American, was cited for his development of "an unparalleled two-year postgraduate curriculum for training young doctors from mainland Japan and Okinawa."

dent for the firm's Central Region, a position he had held since 1967. Joining Kearney in 1948, he was elected a vice president and director in 1964. Block is also a partner of A. T. Kearney Personnel Services. Previously, he was with Minneapolis-Honeywell Regulator Company, Ford Motor Company and Chevrolet Aviation Engine Company.

'47

Gordon J. Stutzman '47BBA has been

The program is considered "unparalleled" because there is none in Japan that offers the kind of opportunities for young physicians — primarily the tutorial relationship — which the U.H. program offers. "The U.H. program meets the ego needs of the professional person," Dr. Gault explained.

For example, he said that hospital training in Japan does not have the "intimate doctor-patient relationship" of this program, rather "students merely act as observers."

Like students everywhere, Japanese medical students are demanding change, Dr. Gault said. And they are demanding a more active role in caring for patients, closer supervision and stipends.

"One of the real strong points of the U.H. program is that we work closely with the students as advisors," he said. The prime responsibility of its ten full-time staff physicians is to instruct.

The program, established under sponsorship of the Government of the Ryukyu Islands and the U.S. Civil Administration of the Ryukyus, has been so favorably received that the University of Hawaii has been asked to establish a similar arrangement at Naha General Hospital.

Dr. Gault, who joined the U.H. faculty in 1967, spent two years developing the Okinawa program, returning to the University of Hawaii in June of this year. His wife, a specialist in physical medicine and rehabilitation and associate professor of psychiatry, also worked in Okinawa.

Throughout his career, Dr. Gault has served foreign countries in a number of consulting positions: at the University of Saigon, South Vietnam, he assisted in planning for use of the newly constructed medical center; for AID he led the evaluation of American medical efforts in Turkey, Lebanon, Nicaragua, Ecuador and Spain.

promoted to production manager in the tape department of the 3M Company Retail Tape and Gift Wrap Division. He joined 3M in 1947.

'49

James W. Bergford '49BBA, a senior vice president of the Chase Manhattan Bank, N.A., New York, has been elected vice president of the Bankers' Association For Foreign Trade (BAFT). He is an area executive for the European area of



BLOCK



BERGFORD



PETERSON



CHU



ERICKSON



WOYTUK

the International department of Chase Manhattan. Bergford is also a director of the Chase Manhattan Overseas Banking Corporation, the Chase Manhattan Overseas Corporation, Trust Corporation Ltd. and The Thyssen Steel Corporation, and is a vice president and director of the Bankers' Association for Foreign Trade.

Burton N. Noah '49BBA has been elected president of Associates Capital Company, Inc., the commercial finance and leasing subsidiary of Associates Investment Company. Prior to joining Associates, Noah was executive vice president and chief administrative officer of Marquette National Bank of Minneapolis and also had served as a member of the bank's board of directors.

J. Robert Kelly '51BBA has become an account executive in the Minneapolis office of Walston & Company, Inc., nation-wide investment firm. Kelly has worked previously at the Anglo California National Bank, San Francisco; Northwestern National Bank, Minneapolis; Olmsted County Bank and Trust Company, Rochester, Minneapolis, and the First Midwest Capital Corporation.

Earl S. Sanford '53BBA has been elected to the board of trustees of the Minneapolis Society of Fine Arts, governing body of the Minneapolis Institute of Arts and the Minneapolis School of Arts. Sanford is vice president and resident manager of Kidder, Peabody & Company, Inc., in Minneapolis.

Charles J. Mencil '57BBA has been promoted from vice president to senior vice president of Marquette Corporation, St. Paul, a manufacturer of automotive diagnostic test and service equipment. He is a member of the University M Club.

William J. Peterson '59BBA, formerly regional sales manager for grocery products in Washington, D.C., has been promoted to sales promotion manager for Pillsbury's grocery products operation. Peterson joined Pillsbury in 1959 as a sales merchandiser.

Joseph D. Mullen '61BBA has been named head of carbohydrate development for General Mills, national producer of consumer foods.

Duane L. Burnham '63BBA has been appointed corporate director of Tax Administration and Planning for Maremont Corporation, Chicago, Illinois. Prior to joining Maremont, he served as controller of Fleischmann Malting Company, Inc., and as corporate tax manager of Sola Basic Industries.

John Steinbergs '63MBA has been named vice president of marketing for Marquette Corporation, St. Paul. He has been with the firm since 1967, most recently as director of marketing.

Medical

Alex E. Brown '18BS '22MD, Bradenton, Florida, a member of the staff of the Mayo Clinic from 1928 to 1963 and head of a section of medicine from 1953 to 1960, is president of the Manatee County Heart Association and vice president of the Suncoast Heart Association, Florida. He is also a consultant in internal medicine, one afternoon a week, to the Veterans Administration Hospital, St. Petersburg.

Dr. Charles C. Sheppard '35MD, acting chief of the medical staff since Septem-

ber 17, has been appointed medical director for the Minnesota Security Hospital, St. Peter, Minnesota. Joining the St. Peter hospital staff in 1964, Dr. Sheppard was in private practice in Hutchinson, Minnesota, from 1937-64 and served as the city's health officer from 1939-64. In 1947 he was appointed to the Governor's Advisory Council on Mental Health by former Governor Luther W. Youngdahl. In 1963 Dr. Sheppard was given the Harold S. Diehl award by the University Medical School Alumni Association for "outstanding service in public health and civic affairs."

Dr. Osler L. Peterson '39MD has been appointed acting head of the Department of Preventive Medicine at Harvard Medical School. A professor of Preventive Medicine at Harvard and associate director of Studies of the Medical Care and Education Foundation, Inc., Boston, Dr. Peterson received his MPH in 1947 from Johns Hopkins University.

Dr. John R. Tobin, Jr. '50MS, has been appointed chairman of the Department of Medicine at Loyola University Stritch School of Medicine. Former chief of staff of Cook County Hospital where he also served as head of its department of Adult Cardiology and a senior member in the Hektoen Institute for Medical Research, Dr. Tobin has been a member of the Stritch faculty since 1955. In addition to his chairmanship, he is chief of cardiology of the new Loyola University Hospital, Maywood.

Colonel Alan R. Hopeman '50MD, chief, Cardiovascular and Thoracic Surgery Service, Walter Reed General Hospital, Walter Reed Medical Center, Washington, D.C., has been awarded the Legion of Merit for exceptionally meritorious service. The colonel was cited for assuming a major role in the instruction and development of the staff and residents of the Thoracic Surgery Service at the Hospital. He served as consultant in his professional specialty to



NOAH



MENCER



BURNHAM



STEINBERGS

The Surgeon General and has been further recognized by numerous requests for his participation as a lecturer and member of faculties for various symposia.

'54

Dr. Emery A. Johnson '54MD has been appointed director of the Indian Health Service, in the Health Services and Mental Health Administration, U.S. Department of Health, Education and Welfare. The position carries the rank of assistant surgeon general. A career officer in the Public Health Service, Dr. Johnson has served 14 years experience in the Indian health program. He joined the Service in 1955.

Dr. Edward O. Jorgensen '54MD, has been appointed to the staff of the Mayo sultant in obstetrics and gynecology in Clinic, Rochester, Minnesota, as a con- the Mayo Graduate School of Medicine, University of Minnesota, Rochester.

Dr. Oleg Jardetzky '54MD '56PhD, noted biologist and biophysicist, has joined the faculty of Stanford University School of Medicine as professor of pharmacology. He comes to Stanford from the Merck Institute for Therapeutic Research in Rahway, New Jersey, where he had been executive director since 1968. Prior to that Dr. Jardetzky served as director of the department of biophysics and pharmacology in the Merck Sharp and Dohme Research Laboratories.

'58

Dr. Eric O. Feigl '58MD, who joined the University of Washington faculty this summer, has been awarded the American Heart Association's first annual Basic Science Research Prize. An associate professor of physiology and biophysics, Dr. Feigl went to Seattle from the University of Pennsylvania. His paper on control of blood flow to the heart was one of 25 entered in the national competition.

'64

Dr. Duane G. Erickson '53BA '57MS '64PhD, parasitologist, Department of Medical Zoology, Walter Reed Army Institute of Research (WRAIR), has been promoted to lieutenant colonel. Dr. Erickson first went to WRAIR in 1964, then to Medical Field Service School, Fort Sam Houston, Texas, before returning to WRAIR in 1965. In 1966-67 he was parasitologist with the 9th Medical Laboratory in Vietnam.

Forestry

'40

C. R. Binger '40BSFor, vice president of resources and development for the Northern Pacific Railway Company, has been named as one of six new members of the University of Montana Foundation. The president of the Foundation said that "whether they are University of Montana alumni or not, it is gratify-

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ing to have the new trustees place such a high degree of interest in helping the young people of Montana further their education at the University."

Agriculture

'59

Ralph C. Nelson '59BSAg has been transferred to the Fort Dodge branch of the Hormel Company as employment manager. Joining the Hormel organization in August 1959 as a sales student in the Austin, Minnesota, Grocery Products division, he held duties as foreman in the Shipping division and the Beef division before transferring to Fremont, Nebraska, in 1967 as personnel manager.

Graduate

'30

Dr. Marguerite Malm '26BS '30MA was one of four who received Indiana State University's Caleb Mills Distinguished Teaching Awards in 1969. Recognized for excellence in teaching, Dr. Malm joined the Indiana faculty in 1945 and has taught educational psychology.

'35

Dr. Betty Sullivan '35PhD, one of the founders and a former vice president of Experience Incorporated, has been elected president of the Minneapolis-based international consulting firm. A former vice president and research director of Peavey Company Flour Mills, Dr. Sullivan has received international recognition for her contributions in the fields of agricultural and food chemistry. Upon her retirement from Peavey in 1967, she joined Experience Inc. as a vice president and consultant in the agricultural technical field.

Dr. Russell O. Denyes '35PhD, manager of fiber research at the Celanese Corporation New York laboratories since 1966, has been appointed director of fibers, plastics and coatings research. He has worked at Summit laboratories since 1949 in several fibers research and textile process and product capacities.

The importance of a
W I L L

A will is a basic instrument of any estate planning. Without a will, the individual loses all control over the distribution of his estate. May we respectfully suggest that you keep in mind that your will is a useful and fitting vehicle for benefiting your Alma Mater. The desire to create and to be remembered as a benefactor to posterity is a natural and admirable human aspiration.

A bequest to the University of Minnesota Alumni Fund provides an unusual opportunity for investing in the future of this great institution and in the people whom it serves. There are countless opportunities for memorial bequests. For example, the idea of investing a gift in the Alumni Freshman Scholarship Program or research suggests living dividends that reach out to an entire people. For all such gifts, both the permanence and the integrity of the University stand as guarantees of careful planning and wisdom in their expenditures.

In addition to bequests, there are many other important ways in which you can promote excellence at the University of Minnesota. These include gifts of cash, gifts of property, gifts of securities, bargain sales or donative sales, life insurance agreements, gifts of current income, and gifts of insurance.

Please fill out the attached form and we will be happy to send you our bequest folder.

UNIVERSITY OF MINNESOTA ALUMNI FUND
205 Coffman Memorial Union, University of Minnesota
Minneapolis, Minnesota 55455

Please send detailed information on how to make a gift or bequest to the University of Minnesota ALUMNI FUND.



Name _____

Address _____

City _____ State _____ Zip _____

Class and College _____

DEATHS

Louis C. Dorweiler, Jr. '29BSB, Edina, Minnesota, died September 17 at age 62. He was director of research of the Minnesota Legislative Research Committee for 21 years until his retirement last December. He held a law degree from William Mitchell College of Law, St. Paul.

Rabbi Harry Kaplan '23BA died February 7 in Columbus, Ohio.

Dr. Henry William Meyerding '07BS '09MD died August 27 at age 84 in Rochester, Minnesota. Dr. Meyerding was a professor of orthopedic surgery in the Mayo Graduate School of Medicine from 1937 to 1949. In 1952 he received a Certificate of Merit from the Board of Regents in recognition of his devoted service as a University faculty member. He was a member of Alpha Kappa Kappa and Acacia fraternities.

Leif R. Larson '24BA, St. Louis Park, Minnesota, died May 17 at age 68, of cancer. He was a past president of the National Association of Church Business Administrators and a YMCA secretary for 25 years. He organized the first Y's men's club in Minneapolis and the first Toastmaster Club in the Upper Midwest, and was a former member of the Mayor's Commission on Human Relations.

John H. Daniels Jr. '54MHA died June 26, 1968, at age 39. He was administrator of Riverview Hospital, Red Bank, N.J., from June 1965 until his death, supervising rapid expansion of that hospital's facilities and the division of out-patient services from in-patient services.

Grant S. Macartney '15LLB, St. Paul, died October 5 at age 84. He had been an attorney with the Briggs and Morgan law firm since 1915, and was a member of the Town and Country Club, the St. Paul Athletic Club and the Minnesota Club. He lived in St. Paul for 75 years.

Mrs. Ruth Carpenter '51 BAgE, St. Louis Park, Minnesota, died September 30.

Dr. Richard J. Donnelly, age 50, director of the School of Physical Education, died in a plane crash October 3. Dr. Donnelly, who came to the University in 1963, was nationally prominent in the fields of physical education and recreation. He was a key figure in reorganizing and expanding the University's athletic program and the author of several books on physical education. He was a past president of the National College of Physical Education Association for Men.

Alice Beister, professor emerita of nutrition, died April 15 at age 79 in Santa Barbara, California. Miss Beister retired in 1955 after 40 years of teaching, research and public service. She had been

in charge of nutrition work in the School of Home Economics for 37 years and helped prepare nearly 600 young women for careers in dietetics.

Dr. William L. Benedict, professor emeritus of ophthalmology in the Mayo Graduate School of Medicine, died in Rochester, February 18 at age 83, after a long illness. Dr. Benedict headed the section of ophthalmology from 1917 to 1949, retiring in 1951. He served as president of the American Ophthalmological Society in 1954.

Dr. Howard W. Frykman '43MD, age 52, clinical professor and head of the proctology department at Hennepin County general hospital, died October 3 of cancer. Dr. Frykman joined the University faculty in 1959 and was a diplomate of the American Board of Proctology.

Dr. William F. Holman, age 85, professor emeritus of mathematics and mechanics, died August 10 in California. Dr. Holman joined the University faculty in 1909 and in 1928 was named supervising engineer of the Physical Plant (now Plant Services), retiring in 1951. He was a past grand master of the Masonic Grand Lodge of Minnesota and a member of Phi Gamma Delta, Theta Tau, ARX, Sigma Xi and Acacia fraternities. The Holman Building on the Minneapolis campus is named for him.

Cornelia Kennedy '03BA associate professor emerita of biochemistry, died January 13 in Minneapolis at age 88. She taught at the University from 1908 until her retirement in 1948, concentrating on the study of animal nutrition over a period of 25 years. She was a member of Sigma Xi.

John H. Kahler II, director of family housing at the University, died April 14 at age 64. He operated the Merchants Hotel in Morris, Minnesota, for 17 years, and worked for the Minneapolis Star and Tribune Company before coming to the University.

Dr. Hylton A. Thomas, age 56, professor of art, died March 28 in Minneapolis. Dr. Thomas, a specialist in 18th century European art, came to the University in 1950 after earning a PhD from Harvard University. He was active in the 1966-67 efforts to rescue Italian art works from damaging floods in Florence and was an avid collector of 17th- and 18th-century paintings and furniture. A major part of his collection was given to the University Gallery.

Dr. Hugh B. Wilcox, professor emeritus of mechanics and mathematics, died April 22 at age 76. Dr. Wilcox, a faculty member for 40 years, retired in 1960. He taught evening classes until 1966, when he moved to California to teach at Santa Barbara College.

Dr. Edwin C. Johnson, age 71, former professor of agriculture, died April 18 in Alexandria, Virginia. Dr. Johnson was chairman of the Minnesota Farm Debit Adjustment committee from 1933 to

1936. He joined the U.S. Farm Credit Administration in Washington in 1937, rising to chief economist, and was a former vice president of the U.S. Farm Mortgage Corporation. He was a member of Alpha Gamma Rho, Sigma Delta and Alpha Zeta fraternities.

Dr. Eivind Fenger '24MD, age 72, a member of the staff of the College of Medical Sciences for 39 years, died July 25 in Minneapolis. Dr. Fenger had been director of tuberculosis services for the Minnesota Department of Health since 1961. He was a nationally recognized clinical specialist in pulmonary diseases and in 1964 helped establish out-patient clinics in areas of Minnesota where sanatorium care was not available. He retired from the University in 1965.

Dr. Leslie Caplan, age 61, clinical associate professor and a consultant at the Veterans Administration Hospital in Minneapolis, died August 4. Dr. Caplan was a graduate of Ohio State University Medical School and a former secretary of the Minnesota Psychiatric Association.

Dr. David Ira Seibel, assistant clinical professor of obstetrics and gynecology, died August 17 at age 47. Dr. Seibel, who had lived in the Twin Cities area for 22 years, was a diplomate of the American Board of Obstetrics and Gynecology.



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You belong in this Picture— at the ALUMNI CLUB

The University of Minnesota Alumni Club is an exclusive private club for graduates and former students of the University of Minnesota. It is the only club of its kind in the Twin City area open to both men and women. It is the only such facility existing among the Big 10 schools. Your membership card in this club is truly a mark of distinction.

Located in the Sheraton-Ritz hotel overlooking the fabulous Nicollet Mall in downtown Minneapolis, the Club provides many services to its members. It is superbly convenient for dining, lunches, meetings or banquets—or for just getting together with friends.

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My check is enclosed for \$_____. I am now a member of the Minnesota Alumni Association in good standing. Yes _____ No _____ (If you are not a member, send \$10.00 additional for annual MAA membership dues.)

Name _____

Home Address _____

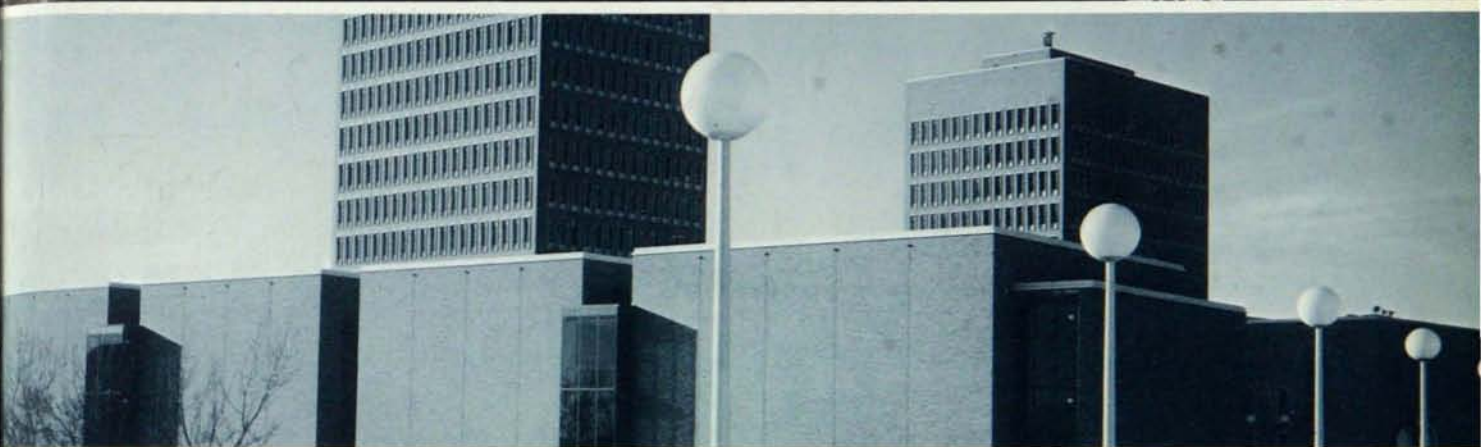
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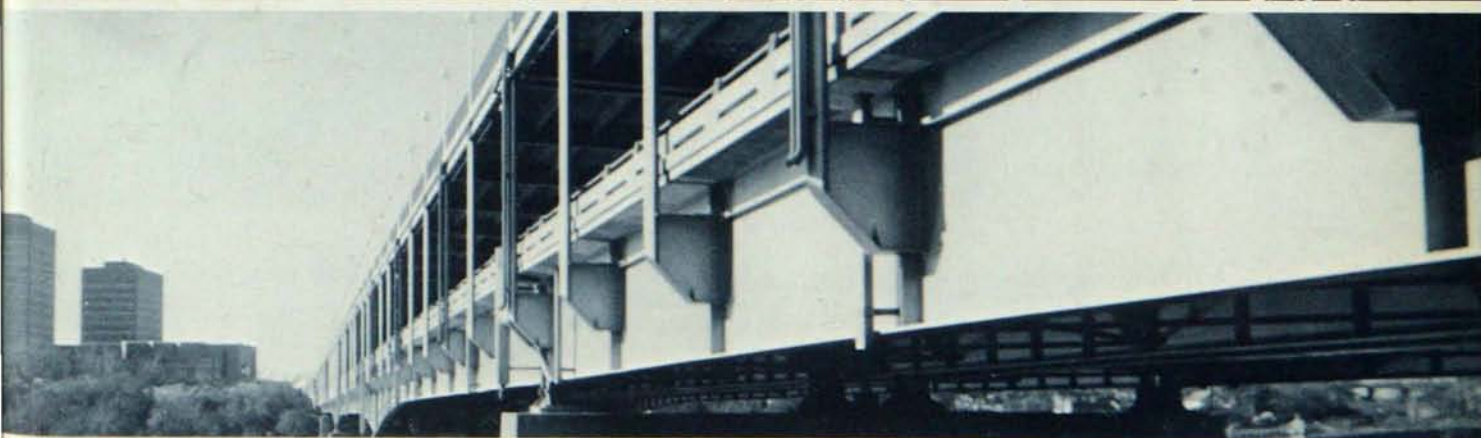
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UNIVERSITY OF MINNESOTA ALUMNI NEWS

1970 FEBRUARY



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WE RECENTLY HEARD FROM . . .

John A. Lundquist '49BA
Richfield, Minnesota

ABOUT ALUMNI SUPPORT

The following is the complete text of a letter Mr. Lundquist sent to the editorial page editor of the Minneapolis Tribune that was published in part:

"November 5, 1969

"To the Editor:

"So - 86 per cent of University of Minnesota students, based on a sampling of 263 of them, believe students should have the legitimate means of dissent provided these demonstrations

are nonviolent. (Minneapolis Tribune of November 2)

"Good. There's nothing like responsible protest, and hopefully, worthwhile action to come as a result of that. That's what helps us all into the norms of responsible citizenship in the human race.

"Now, will the 86 percent (or the 100 percent, for that matter) submit to another question please: Do you believe that alumni should help support a great university through annual contributions to the Alumni Fund which helps to further research, scholarships, et cetera? That's something for the current crop of students to keep in mind for the future. For that matter, ask it of any alumni and students of any institution of higher education."

Editor's Note: In his letter to the Min-

nesota Alumni Association, Mr. Lundquist felt that the statistics available on alumni participation in the Association and the Alumni Fund were astonishing. "They point up the unfortunate fact that too many people think the university is a place to get an education and to forget about once they've left, except for perhaps an occasional homecoming reunion.

"I figured a lifetime membership would be feasible when I got out of the university in 1949, so within a couple of years I put down \$65 for the purpose. Inflation has proved the wisdom of that," Lundquist said.

This alumnus believes that the annual contribution to the Fund is important along with a fuller participation by alumni.

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FEBRUARY, 1970

WE RECENTLY HEARD FROM . . .

Dr. Edward W. Ostergren '09MD
764 LaBore Road, St. Paul, Minnesota

ABOUT HIS "GOPHER" FAMILY

"In telling about my family (see page 27 of the 1970 January Alumni News), I remembered that I did not mention my sister, Alice E. Ostergren. She was a student nurse in the University of Minnesota School of Nursing and was graduated in the class of 1918.

"She had volunteered for the Army Nurse Corps while still at the University Hospital, but picked up a severe type of flu and died there. She had already received transportation and orders to report to Camp Dodge before her death.

"I started Medical School in September 1904 with \$300.00 that I had saved in a year after high school, putting away \$20 a month.

"In 1905 I lived on the campus at the Phi Beta Pi fraternity house. I earned extra money by waiting on tables at College Inn and by playing at assistant trainer for the Athletic Department, giving rubdowns to football men after practice and for five hours on game days at 35¢ an hour. I would go out many evenings, putting hot towels on sprained knees, shoulders and elbows of the star players.

"My best customers were Johnnie McGovern and John Johnston. McGovern was the first All-American from Minnesota.

"For this (work) Dr. H. Williams allowed me 50¢ an evening.

"Tuition was \$100.00 per year.

"One other and myself were the last to make it in five years. They had started six-year medicine, but Mr. E. V. Pierce, put me wise to the five-year course.

"I was a member of the Minnesota track team for four years in the high jump and the broad jump.

"I was in General Medicine until 1928 or 1929 when I was admitted to the American College of Surgeons in General Surgery, Obstetrics and Gynecology.

"I am now 85 years of age, which should entitle me to be generous with my memories."

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Dental Students Study Panoply of Problems

University dental students are looking at more than dental health conditions through a new course offered by the Dental School's division of health ecology on contemporary health problems. Twice as many students applied for the elective class than could be enrolled.

The current group of 25 students, who meet five times a quarter, will discuss problems in the delivery of health care in urban areas; drug abuse; hearing, speech and learning defects in children; abortion, and environmental pollution in sessions led by civic and University professionals with prominent knowledge in each area.

Course content will be expanded spring quarter to include contemporary social problems.

John Preston Ward To Teach at U

John Preston Ward, black civil right attorney, has been named a visiting professor at the University for winter and spring quarters. As a Hill Family Foundation visiting professor in the Afro-American studies department, he will teach a class in "Law and Society—a Minority Point of View" and conduct seminars.

Ward, whose home is Marion, Indiana, graduated from the Indiana State School for the Blind, and has bachelor's and master's degrees from Indiana University. He received his law degree from New York University School of Law, and is now completing his dissertation for a doctor of philosophy degree.

He is director of Law Reform for the Legal Services Organization of Indianapolis, Inc., and a consultant for the Legal Services Program of the Office of Economic Opportunity.

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 BY UNDERSTANDING DEDICATED TO THE ADVANCEMENT
 OF LEARNING AND THE SEARCH FOR TRUTH
 DEVOTED TO THE INSTRUCTION OF YOUTH
 AND THE WELFARE OF THE STATE

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THE UNIVERSITY OF MINNESOTA ALUMNI NEWS

(Our 69th Year)

FEBRUARY, 1970 • VOL. 69, NO. 6

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ON THE COVER: This academic year is the 100th academic year for the University of Minnesota. Today, Northrop Auditorium's columns and facade stand as a majestic reminder of the University's past, while the face of the campus has been marked by change just as its course work and student body have been. The face of the campus is indicative of its advancement and progress toward the future. The University has grown from its columns of the past, across a river and out into the state. And it continues to grow, multiplying its facilities and its student body.

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

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POINTS of VIEW

ED HAISLET

Executive Director



February 13, 1970 marks the 119th Anniversary of the founding of the University of Minnesota, a founding which commemorates the idea of a state university, and the 100th year of its actual existence as an institution of higher learning. It should be noted that the University was founded seven years before Minnesota became a state; also that the charter of the University provided that it must be located "at or near the Falls of St. Anthony."

On March 4, 1851, the territorial legislature named the first regents of the University and most of them were intimately connected with the growth and development of the territory and state. They were:

Isaac Atwater

Socrates Nelson

C. K. Smith

J. W. Furber

Henry M. Rice

Franklin Steele

William R. Marshall

Alexander Ramsey

H. D. C. Taylor

B. B. Meeker

Henry H. Sibley

Abram Van Vorhees

In its earliest years the school functioned as an academy with its educational program a preparatory one for college. Its first head was the Reverend Elija Merrill whose title was that of principal. Many problems soon beset the new University, first site problems — the construction of the University's first building was begun in 1856, but the financial panic of 1857 and then the advent of the Civil War prevented the completion of more than one wing.

It was through the efforts of John S. Pillsbury that the University was saved from extinction. He persuaded holders of University Bonds to accept reduced payments of their claims. He arranged for the appointment of a special Board of Regents consisting of himself, John Nicols and Orlando Merriman. The Board reorganized the University in 1868 and obtained from the State a \$15,000 appropriation for the rehabilitation of Old Main.

On September 15, 1869 the University reopened, with William Watts Folwell of Kenyon College of Ohio as its first president. A total of 27 collegiate courses were offered, with a faculty of nine including President Folwell. Classes ran from 8:30 a.m. to 11:45 a.m., with each period lasting 50 minutes. The fifth period was devoted to all-University exercises or lectures. On Tuesdays, Wednesdays and Thursdays, the entire student body turned out for military exercises. Lectures on agriculture and rhetoric were held Mondays and Fridays. The first graduation class of the University was held January 19, 1873, the graduates being Warren Clark Eustis and Henry Martin Williamson, both receiving the Bachelor of Arts degree.

Today, the University of Minnesota is considered one of the fifteen great universities of the country, and one of the most significant state universities in the land.

In 1901 the legislature passed a bill creating a state board of control and placed the finances of the University under its supervision. Because the act was felt to be illegal as far as it applied to the University, the board of control made no attempt to exercise its power. Only after the 1903 legislature failed to amend the bill did the board of regents and board of control get together. Naturally, differences arose which eventually seriously hindered the development of the University.

It was in 1904 that the General Alumni Association was born and it spearheaded the fight against the board of control domination with the slogan "Release the University or abolish the board of control." Such was alumni effort that the board of control, in jeopardy of losing their jobs, consented to the passage of the act releasing the University.

Thus the Alumni Association was born of battle, a battle successfully fought which safeguarded the future growth and development of the University.

In 1907 the alumni initiated the movement for the "greater campus" and for increased faculty salaries. For the first time the alumni made an official request to the regents asking that they request the Legislature for an appropriation to buy more land for the campus and to increase faculty salaries, which were extremely low, by fifty percent.

The regents were unwilling to go along, but Senator James T. Elwell was convinced of the need and, using the alumni program as the basis, introduced a bill for \$1,200,000 for purposes of land acquisition and salary increases. The fight was notable, but the alumni won when the legislature granted an appropriation of \$450,000 for the purchase of more land (two years later it was increased to \$875,000) which was \$130,000 more than the regents request for the expansion of the University program, including the salary increase.

Again in 1909 the alumni led the fight before the legislature for the half-mill tax. They failed at that time, but their efforts further enlisted alumni and public interest in the service of the University.

In 1910-1911 the alumni, in support of the student body, campaigned for a union building as a memorial to President Northrop. Just as victory was in sight President Vincent asked that the plan be dropped, stating that the University would provide the union the students wanted, and that the new library would be named Northrop Library.

An alumni mistake in 1911 not only resulted in an increase of \$50,000 in legislative appropriations, but set a new policy for future University appropriation requests. The alumni had urged the regents to make a special item of fuel and include it in their appropriation request. Because this had never been done before, the regents refused. In printing the University appropriations request for the regents, the alumni added a \$50,000 item for fuel and starred it with an asterik, with a footnote for explanation. However, in getting out some special copies for Senator Elwell, the footnote was overlooked. The legislature used Senator Elwell's copies and subsequently approved the appropriation bill — thus giving the University an increase of \$50,000. Since that time all appropriation bills have carried fuel as a separate item.

In 1915 the matter of affiliation with the Mayo Clinic came to a head. The Alumni Association stood for just one thing — absolute University control if there was to be an affiliation of any kind. Never before or since has there been so much bitter feeling and such widespread propaganda both for and against the proposed plan. Again the alumni lent great assistance and the plan, as finally accepted by the University, has enabled the University Medical Center to become the fourth largest in the world.

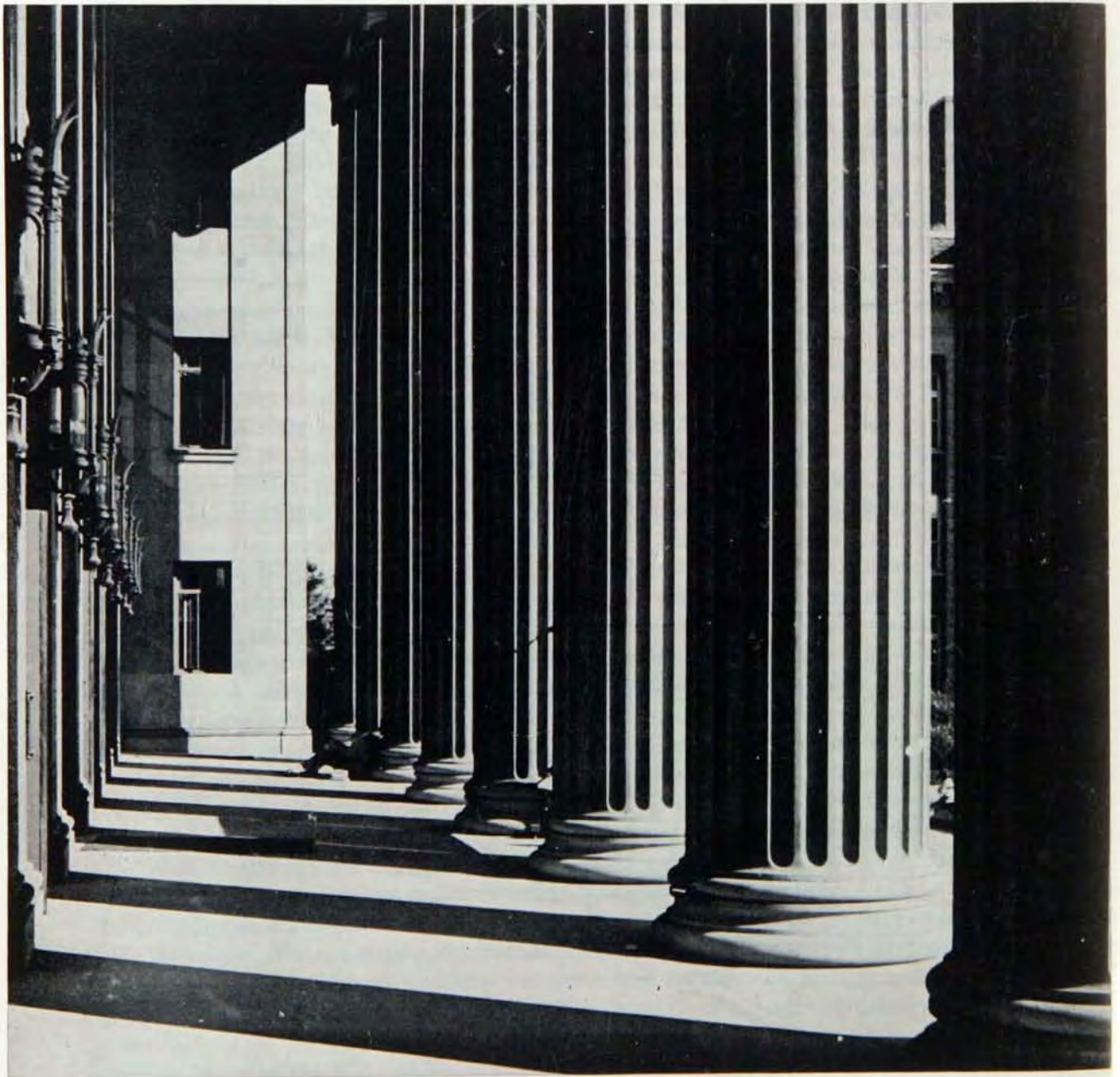
Another significant contribution of the Alumni Association was the successful fight to keep the Northern Pacific Railroad tracks from being raised — the raising which would have been a tremendous hindrance to the further development of the campus.

Other significant contributions of the Alumni Association have been the fund raising efforts in behalf of Memorial Stadium, Northrop Auditorium, and Coffman Memorial Union. A different kind of contribution was the development of the Greater University Fund as a fund raising arm of the alumni — the development of the Freshman Scholarship Plan, and in 1958 a study of fund raising was made which led to the creation of the University of Minnesota Foundation, the Special Projects Program and the Alumni Fund.

All in all, the contribution of Minnesota alumni is clearly discernable throughout the growth and development of the University. The history of the University and the contribution of the alumni are inexorably bound together. It has been said and well — that no other state university in the country is today profiting more from past organized alumni effort than the University of Minnesota. In retrospect, the alumni of the University of Minnesota have every reason to be proud of their contribution to their Alma Mater. In looking forward, they can be confident that not only is their strength and assistance needed, but that it is absolutely necessary for the University's continuing place of greatness.

Ed Harlow

Northrop's columns stand as
majestic sentinels to the past
AFTER 100 YEARS



SINCE the time, 100 years ago, when a 36-year-old professor of mathematics from Kenyon College, Ohio, brushed off his 10-year-old dress suit and edited the final draft of his inaugural speech to become the first president of the newly-organized University of Minnesota, the institution has maintained one major characteristic — rapid change. The University has extended its campuses from one building and 14 students to a spreading complex in Minneapolis, reaching across a river and into its West Bank area — raising realities of brick and glass to encourage future visions.

The "farm campus" in St. Paul is dead. Today it is actually a small college for thousands of students who attend its classes in agriculture, forestry, veterinary medicine and home economics, as well as in the recently organized College of Biological Sciences. An intercampus busline carries students to and from the Minneapolis campus, maintaining the umbilical to the institution's heart and showing the beginnings of a greater interchange of students and faculty, between campuses of the future.

The University has reached its arms of learning out of the Twin Cities area and into the state, embracing satellite campuses in Duluth, Crookston, Morris and fledging Waseca.

The speech that William Watts Folwell, the educational visionary who had come to the West, delivered on his inauguration day, when first term classes were ending in December 22, 1869, was styled to a different age and resembles an over-long sermon. Still, many of his goals for education that were then so quaintly put, are fundamental in the modern university today, and his aim, to make the University fit the contemporary needs of the area, is still basic — and being vigorously pursued under the University's tenth president, Dr. Malcolm Moos, through his "communiversity" approach to today's education.

When Folwell presented the needs current to education in 1869, he emphasized the urgency of technical education, economics, business and the training of teachers, and he stressed the new field of science in agriculture — for the young University had to fulfill its requirements for financial help under the Morrill Land Grant College Act of 1862.

Many historians and critics of the University, credit its ability to gain a permanent foothold in Minnesota and open its formal college classes on September 15, 1869, because of the personality of Folwell and one other — John S. Pillsbury, a man of little formal education but a shrewd and practical businessman who managed to clean-up the financial mess of the University when it was floundering in 1863.

It has been written that no University educator had a more advanced outlook on the role of the institution than did Folwell — and none met with more frustration, battle and irritation than he. Yet Folwell pursued his well-defined plans with patience and persistence, and would have put the University far ahead of its time had he not had such strong opposition from regents and faculty.



THE FIRST OLD MAIN, as it looked before various wings were added to it, was destroyed by fire on September 24, 1904. Its antiquated architecture and dark corridors were for many alumni, at the structure's destruction, the whole University as they had known it.

In 1858 the regents planned to add an extension and wing to the Main Building, and let the contract with but \$15,000 in the kitty. However, the construction was completed, but not before the site and building had cost the state \$125,000. A legislative committee that visited the building in 1864 found a "caretaking" family living in, with turkeys in one room, hay in another and wood in a third, while the basement floor had been ruined by wood-splitting. In 1867, after the work of the Hon. John F. Pillsbury, the Father of the University; the Hon. O. C. Merriman, and Hon. John Nichols to solve the debts of the institution, the legislature voted \$15,000 for the repair of the building and the opening of instruction in it. This act, reorganizing the University, was signed by the governor in February of 1868 and is considered Minnesota's real charter day.

His plan, which was called the "Minnesota Plan," named three steps to a sound educational institution: first, to let the preparatory department die a natural death, which it did speedily; secondly, to enlarge the curriculum of the collegiate department and throw most of the freshman and sophomore courses back into the old preparatory department, an idea that was the beginnings of our present junior and senior college systems; and, thirdly, to get rid of inferior students "in order to use our resources for the proper University work." The last included the establishment of professional schools which Folwell considered one of the University's biggest jobs.

Folwell was almost alone in support of his plan. The faculty openly attacked him in 1872 when all but



THE UNIVERSITY CAMPUS AS IT LOOKED IN 1895, southeast from the roof of the Coliseum which was shortly destroyed by fire. Since the 1867 legislative appropriation which opened the University, in addition to those buildings and facilities erected for the department of agriculture, a Mechanic Arts building, the Students' Christian Association building, Pillsbury Hall, a Law building, a chemical laboratory, heating plant, Millard Hall, the astronomical observatory, medical chemistry laboratory, Library building, and ore testing works had been constructed. The next year, 1896, the Medical Science building was erected at the cost of \$65,000 and the Armory, at a cost of \$75,000. In his introduction to the 1896 yearbook, President Folwell noted, that in its 25th year of existence, the college had opened all of the departments named in her charter and had them operating, showed a monthly payroll that almost equaled the annual income of the early 70's, and had a total personnel — regents, teachers, officials, employees and students — of 1,876 persons that would form a respectable-sized village. And a large body of alumni illustrating "in their lives and labors the benefit of University training."



THE 1892 FOOTBALL TEAM WAS THE FIRST Minnesota team to go through a season without a defeat or a tie, and the first to be hailed as the champions of the Northwest. Before the opening of the 1892 season, a group known as the Intercollegiate Athletic Association was formed, consisting of Minnesota, Michigan, Wisconsin and Northwestern. Consequently, most of the interest of the season centered

around games involving these campuses. The first of the championship series, played in Minneapolis, was against a University of Michigan team that had introduced an innovation in Western football — an Eastern coach. It is written that Michigan came to Minnesota feeling invincible, but met a rushing game that proved no match for its running game — and lost 6 to 14. The victory was celebrated exuberantly into the spring: up until the time of that game Minnesota had been thought of, and often thought of itself, as a small college. But now it had dumped mighty Michigan.

The 1892 season also signaled the first general interest in football among Minnesota students, often prodded by editorials in the "Ariel":

"Go to the game on Monday. Don't stay away under any circumstances. If you have outside work beg away, steal away, run away, get away some way and go to the game. You can't afford to miss it. If you haven't money enough to go, beg it, borrow it, get it some way. The going will do you more good than the money can possibly do. If you haven't college spirit enough to go, go from a sense of duty. You owe it to the college. In fact, go if you have to creep, or if you have to be carried. You will be a better student and a more loyal son of the University for having done so."

ne submitted their objections to the "Minnesota Plan" to the Board of Regents, charging that Folwell was "weakening the University, that the institution no longer taught in accord with the American system of education and that it consequently was a mistake to follow such an 'unsettled and experimental policy.'"

But Folwell fought back, saying that America had no system of education and that it was the University's duty to create one. He said that the old colleges did not meet the needs of youth who were "preparing to be engineers, merchants, architects, navigators and journalists. . . ."

Despite all discouragements, Folwell did see sentiments changed toward him and a vigorous disposition on the part of the citizens of the state of Minnesota develop that increased the "liberality" of the University. A man, who in the nineteenth century was able to see the twentieth in education, helped to organize a high school board and state-wide system of education that was beginning to bear fruits when he retired. And under his leadership a campus that was wholly inadequate to its needs doubled in size, an experimental farm was purchased and buildings constructed, and a medical department was organized.

The foundations of a real university had been laid!

In 1881 the legislature appropriated \$30,000 a year for six years for building purposes at the University. Although they had cut Folwell's \$50,000 a year request, the appropriation was still a victory for education in Minnesota and the beginnings of a building program that would amount to millions of dollars 100 years later. Up until that time the state legislature had appropriated but \$10,000 a year for all University buildings.

When the Minnesota's second president came to the campus, Governor Pillsbury said to him that he thought the people of the state would be very displeased if the institution did not erect, with this \$30,000 a year, all of the buildings that would be needed for generations to come!

Cyrus Northrop, a man who regarded the University students as members of his own family and who was equally regarded by them, succeeded Folwell in 1884. During the Northrop years, 1884-1911, the University was strengthened and consolidated, and expansion began in earnest. School enrollment rose from 300 to 6,000; the University was transformed from a cluster of four or five buildings into a campus of 40. And the regents and the new president were willing to work together for the betterment of the institution!

However, it was during Northrop's administration that all was not well for the University's Agricultural School - Minnesota farmers saw no reason to send their children to a university to learn farming. The School had only a single student when it opened in 1887. The second year its registration dropped by one.

The decision was made to remove the farm school from the main campus, and William M. Liggett became its first dean. Under his strong, decisive leadership,



FOLWELL HALL, WHOSE CONSTRUCTION WAS BEGUN IN

1905, became the center of a campus extension controversy when the regents refused to request an appropriation of \$200,000 from the legislature for greater campus expansion that was being agitated by alumni. Alumnus Henry Hovland '94, who led opposition to building the structure on its present site, offered \$25,000 toward a fund to purchase the blocks along University Avenue opposite the campus for a site. Although he secured additional pledges toward the fund but did not meet his goal, his enthusiasm resulted in greater alumni activity that brought the matter before the legislature and particularly Senator James T. Elwell. The appropriation for campus expansion into the land south of the campus, from Harvard Street to the river, and the row of blocks across University Avenue from the campus was secured. The construction of Folwell Hall was completed in 1907 at a cost of \$410,000. The building was named in honor of William Watts Folwell, first president of the University from 1869-84, ex-officio regent for the same period, professor of political science from 1875-1907 and librarian from 1869-1907.



THIS ARCHITECTURAL DRAWING, by world-renowned Architect Cass Gilbert, was his conception of the University-to-be at its present location in Minneapolis. The drawing was made in 1909, at a time when the number of buildings on campus numbered 23. The legislature of 1909 appropriated \$2,639,472.07 for permanent improvements, support and buildings for the campus. Although the Cass Gilbert "dream" never came to be, the heart of the East Bank of the Minneapolis campus is very much his.

the School of Agriculture began to grow, until in 1910 its enrollment was 1,500.

The School of Engineering was also having troubles. In 1892 William Kirchner arrived on campus to initiate an industrial design class, but instead he taught a class in painting! His class was quickly discontinued when coeds were discovered registering for it. Girls in the School of Engineering were incompatible with turn-of-the-century morals.

The University's School of Medicine was not having troubles during the Northrop years, instead it was growing up. In 1892 the School's period of study was lengthened to eight months, and expanded to include 10 lectures in embryology and 32 in pathology. Two years later the regents made medicine a four-year

course, and within a decade of Northrop's resignation in 1911, the University Medical School had absorbed all the private medical schools in Minnesota.

George E. Vincent, reformer and businessman, became the University's third president in 1911. He pictured the university president as "a man who is radical in ideas but strong and conservative in action, a man who knows the world has changed and changed rapidly in the past few years and who is capable of leading the new order." Vincent, whose aim was to build a faculty capable of original research and to produce "high-minded citizens," felt that the "University campus must be as wide as the boundaries of the Commonwealth."

And he immediately made some changes on the campus. The Law School, formerly a sanctuary for

football players and intellectual "misfits," felt its faculty strengthened as well as its curriculum, and became a bonafide place of education. Vincent completely reorganized the Medical School, reappointing staff on the basis of "character, teaching ability, prestige . . . indicated in part by contributions to science and on past service to the college." The Graduate School, the Arts College and the College of Education were also completely revamped.

In less than a decade Vincent managed to turn the University upside down and then set it on its feet again.

These men – Folwell, Northrop, Vincent – were but three of the ten who were to lead the University of Minnesota. The administration's of Burton, Coffman, Ford, Coffey, Morrill, Wilson, and today – Moos – were to follow each with a personality and educational character as distinct and as different as the three written about here.

And all ten men have left their "mark" on the University through its first 100 years. All ten have worked, with individualistic insights, to build the University into the prestigious, far-reaching and fine institution it is today.

In the years to follow Vincent's administration, the University weathered the faculty-student loss and campus apathy of World War I, the budget-slashing program during rising enrollments by a depression-ridden legislature – 4,000 students, complete with bugles, drums and placards, rallied near Folwell Hall to urge the legislators to increase the budget (which they did) – and the smoldering problem of academic



*Northrop as Instructor to Chief Justice Taft
Drawn by Rawson for the Alumni Weekly*

IN 1884 A SPECIAL COMMITTEE FROM MINNESOTA'S BOARD OF REGENTS went east to Yale and brought Cyrus Northrop to the west to become the second president of the University. President Northrop, who is said to have held the genuine love and regard of the student body and whose "lightest word was law with the (students)," was described as a man with a noble brow, refined features, dignified presence, sympathetic voice and a total striking figure. And he was always a favorite subject for the cartoonists, who gently teased him.

This cartoon, of Northrop as instructor to Chief Justice Taft, was drawn by Rawson for the Alumni Weekly in 1925. Before Northrop's graduation from Yale in 1886 with a doctor of laws degree, he became professor of rhetoric and English literature in 1863 at the same institution, and, as such, instructed William Howard Taft, later to become president of the United States, in prose composition. It is written that Northrop "on one notable occasion (advised) the future corpulent statesman to cut out the first eighteen pages of a twenty-page theme."

freedom which achieved its first victory when an anti-evolution bill was killed in the legislature.

During the twenties the General College was born – to curtail the numbers of students who were flunking out of the University in droves. In the thirties the Institute of Technology came into being and achieved a respectable standard of performance that was not available in the old College of Engineering.

The number of student loans rose alarmingly during the depression year, and funds ran out. President Coffman asked the legislature for \$100 million and received only two-thirds of it. But the Federal Emergency Relief administration saved the day.

In the late thirties, with another war breaking out, the School of Business gained ground and reputation through Alvin Hansen and F. B. Garver, and the School of Journalism placed new emphasis on professional



THE BEATING DRUMS AND STRONG MEDICINE of half a dozen Blackfeet Indian braves invaded the Homecoming-war camp of the Gophers on October 20, 1928. The big powwow, which began in mid-week via KSTP radio, was part of a Homecoming appeal to 45,000 alumni to come out to enjoy and support their Golden Gophers against Chicago. Brave Mike Shortman, left, presented a "good-luck" ball to Coach "Doc" Spears before the game – and it worked as the Gophers downed the Chicagoans 33 to 7. The 1928 team, considered the greatest football machine since the famous 1916 combination, had one All-American, fullback Herb Joesting, Minnesota's first All-American since Earl Martineau in 1924.



A GROUP OF educational celebrities gathered together for a picture for the Minnesota Weekly at the June 1928 commencement. From the left are Theodore Christianson '06 '09L, governor of the state of Minnesota; William Watts Folwell '25LLD, Minnesota's grand old man at age 95, first president of the University and Minnesota's first honorary degree holder; Dr. Glenn Frank, president of the University of Wisconsin and former editor of Century magazine,

who delivered the commencement address; John (Jack) Powell '93, one-time minister, special lecturer in the Extension Division and formerly with the Extension department of Wisconsin; Dr. Lotus D. Coffman, University president; George H. Partridge '79, member of the Board of Regents; and A. D. Wilson '05Ag, member of the Board of Regents, farmer and one-time head of the Extension Division of the University Agricultural campus.

training through the revision of a curriculum that would appeal to a serious-minded student.

With the Second World War men from V-numbered units swarmed over the campus and coeds dreamed of days when dates would again be plentiful. University students went to school the year round, with two days vacation between spring and summer quarters — the pace was called acceleration.

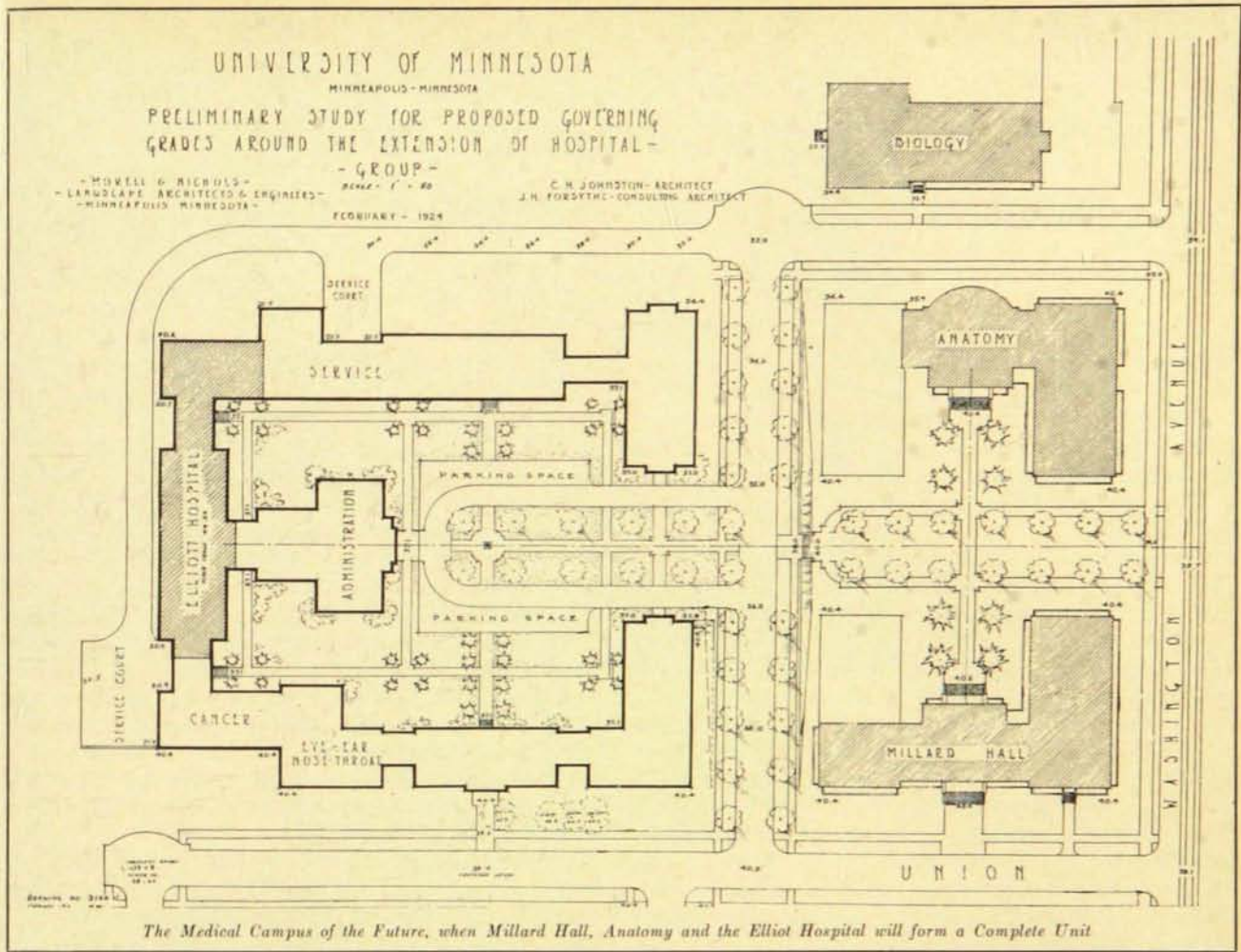
Then, came the veterans, under the G.I. Bill; enrollment passed the 27,000 mark and temporary buildings were thrown up in record time.

Since that time, a vast, new building program has been initiated and many of the temporaries replaced. The University has experienced growth in faculty and students until it is bursting at the seams, much like

earlier students confined to Old Main. New colleges, schools, departments, study and research facilities have been added and added again to keep pace with the times.

Yet the University in 1970, with an enrollment of over 50,000, follows the educational goals envisioned by those who were instrumental in its beginnings. It is dedicated to the pledge of its birth right, not to sacrifice excellence in the battle of numbers and to be responsive to changing demands.

The University of Minnesota is "founded in the faith that men are enabled by understanding, dedicated to the advancement of learning and the search for truth, and devoted to the instruction of youth and the welfare of the state," today — as it was in 1869.



THE MEDICAL CAMPUS OF THE FUTURE WAS STILL BUT A DREAM in 1925, yet a dream tinged with the reality of \$1,500,000 in gifts and donations for the Medical School that had been received through 1924-25. The sketch of plans pictured above was given to the Board of Regents in 1925, and called for the immediate addition of three units to Elliot Hospital, which along with Millard Hall and the Anatomy building, comprised the total medical campus in 1925. The additions to Elliot Hospital were to include the Christian Cancer hospital; the Todd Eye, Ear, Nose and Throat hospital and the clinical unit of Eustis Hospital in the beginnings of the east wing; and the reservation of a west wing and central court for future buildings. The Medical School administration had begun its work to establish a self-contained medical unit.

In 1925 there were approximately 325 students regularly enrolled in the Medical School, with the entering class limited to 90. The alumni of the School numbered 1,600, about 100 of whom taught as members of the Medical School faculty.

The Elliot Memorial Hospital, dedicated in 1911, was the first unit of the complex which has become known as University Hospitals. Todd Hospital, the Cancer and Christian gifts and Eustis Hospital were added to this complex — and since the visions of 1925, Mayo Memorial, Variety Club Heart Hospital, Masonic Memorial Hospital, Veterans of Foreign Wars Cancer Research Center and the Children's Rehabilitation Center have been added, too.

This is your University . . .

servicing its state with an ambitious Drug Abuse Program

IT'S nothing but a urinary tract irritant. And if you want to itch all day — go ahead and use it.

The "it" is the fabled Spanish Fly. The statement on its capabilities was made by a University of Minnesota Pharmacy student, a woman, who answered a high school student's question on the so-called aphrodisiac.

She answered an embarrassing question, but as a Pharmacy student she answered it coolly, with facts that had become available to her through her years of schooling. She was able to make immediate use of these facts in "eyeball to eyeball" contact with a peer group — Minnesota high school students.

She wasn't putting them on, she didn't preach, she just said, these are the facts — now it's up to you to make the decision whether or not to use a drug.

She is a working, volunteer member of a four-part drug abuse information program that has been launched by the University's College of Pharmacy. She is among the growing numbers of health professionals who are meeting the swelling informational need on drug abuse, who no longer remain silent and possibly contribute to drug abuse but who get in with both feet, take a firm role as a health professional and risk being slapped for their stand — but yet volunteer to be.

How was her answer taken by today's youthful segment that often faces drug "experimentation"? Enthusiastically — not only by the high school students who heard her, but also by the high school faculty and administration who had invited her.

"These kids put across more information in one hour than I could put across in a year of preaching to my students on drug abuse," a teacher in health education at Anoka (Minn.) High School commented.

"These kids", University junior and senior College of Pharmacy students, completed an intensive orientation session on the unemotional, informal, factual delivery of drug abuse information in early November so that they were able to give five one-hour sessions to about 600 Anoka Senior High School students. They were among 150 College of Pharmacy students and staff who heard a pharmacologist, a sociologist and three people who had already participated in drug education programs before they themselves went out to educate the public.

This student program is a continuum. Younger pharmacy students are going out with the juniors and

seniors for training and to give assistance, and they will bring up resources from the lower classes to fill in when they graduate.

The College of Pharmacy students are enthusiastic in volunteering for the program; they are as interested as other health professionals to talk about why people are taking drugs and about the drug-oriented society we live in — and to give the facts. They are scheduled to speak at a number of Twin Cities' high schools and YMCA groups.

The College of Pharmacy recognized, because of the numerous requests it received for drug abuse information, that there were not enough professionals in the state to respond to these requests. "So we decided to broaden the base," William Hodapp, assistant to the dean of the College of Pharmacy, director of continuing pharmacy education and coordinator of this program, said.

"We are making use of every segment of pharmacy that has anything to offer — students, faculty, registered pharmacists — to fill the information requests. Each of these professionals is devoted to going to their own groups, where they are most believable and where they feel they can do the best job.

"I think that as a state institution and as health professionals we have a dual responsibility to give the facts about drugs. We haven't done very well in the past, in fact, we may have contributed to the problem by remaining silent."

The College of Pharmacy faculty volunteered to prepare background papers on drug abuse — the second part of the program — that have been abstracted from current material available from the University's Drug Information Center and from their own professional experience. These papers have been completed and give good information on drugs of abuse, what they will do to the body, and what their abuse potential is.

The faculty is also available to speak to professional groups — counselors, police departments, in-service teachers' training groups — where they're best able to communicate their information on drugs and when they're asked to go.

Drug abuse presentations usually open with a brief explanation of the drug compound and its derivation, then moves on to drug manipulation for effectiveness and pharmaceutical effects on the body. These health professionals are primarily interested in talking about



THESE CAN BE ABUSED DRUGS. They have been commonly sold over-the-counter, although today they are usually behind or under the counter. They are distributed on a non-prescription basis, and they are not harmful if taken wisely. The College of Pharmacy, devoted to a public education program of what a drug really is, recognizes that much of today's advertising prescribes similar drugs without warnings or precautions on their abuse potential. Abuse might cause the effect you see in this photograph — unless you have made an informed decision.

the over use of drugs, and speak about them in the medical versus non-medical context. They note the combined therapeutic and toxic effects that particular drugs have, and that most drugs are toxic even in therapeutic doses.

"We're not telling people how to make drugs," Hodapp said. "If they want to know how all they have to do is subscribe to the underground papers.

"In our opinion, it is rare that you abuse something when you have more knowledge of it — usually abuse comes with less knowledge."

The third phase of the College's program is the modern management seminar in drug abuse education that will take place February 8 and 9 in Minneapolis. The seminar is geared to registered pharmacists in the state who have indicated they need to be brought up to date on drug abuse information so that they can be equipped to relate this knowledge to their home communities.

A pharmacist who has worked in community drug abuse education programs, the Minneapolis director of the Bureau of Drug Abuse and Alcoholism, a special agent with the Bureau of Narcotics and Dangerous Drugs, a local practicing social worker, an addict, as well as University personnel knowledgeable in the fields of pharmacology and psychiatry will participate in the program.

This seminar, "The Pharmacist and Drug Abuse

Education", is but part of the College's commitment to an expanding public education program on what drugs really are and what they do to the human body. It is part of a program to tell people that they can't run away from problems by taking a drug — but that they must make an *informed* decision on whether to take a drug or not.

A drug information resource center, with the availability of slide sets and display kits on drug abuse, that will also distribute a newsletter on current abuse information is the fourth phase of the program. The first copy of the newsletter, which should develop into a "reference library" for individuals trained in drug abuse, carries the slang terms of the drug abuser: smack, Mary Jane, grass, tea, pot, Minnesota Green, Thief River Falls Blue, and others that will help him relate to and recognize the abuser.

The College of Pharmacy, its students, faculty and graduates, have recognized a state's need and are working to fill a gap in its knowledge until comprehensive programs are developed in the school districts and in communities. The College is working with local public health and school officials, with other departments within the University, and with the University's central administration to coordinate and combine efforts for an effective drug abuse educational program that recognizes the role of the health professional — to guard the health of the public.



THEY ARE YOUR VOICE IN CAMPUS MATTERS

THE creation of the University Senate and Twin Cities Assembly in 1969 signaled more than the merger of student and faculty groups into a single governing body for the campus.

It also served to redefine and broaden the role Minnesota alumni can play in the formulation of University policy.

Ten alumni, appointed this fall, now represent the Minnesota Alumni Association on five Senate and Assembly committees. Traditionally limited to the areas of military, athletic and student affairs, alumni participation has been extended to include such vital concerns as social welfare and community education.

The University Senate, which exercises general legislative and policy-making powers and responsibilities as assigned to it by the Board of Regents for all campuses or the University as a whole, is composed of the University President, elected faculty and student representatives of the various institutes, colleges and schools of collegiate rank, the Graduate School and the Mayo School of Medicine, and *ex officio* members as specified.

The University Senate maintains two types of standing committees: Senate committees, dealing with broad areas within the University such as administrative and academic affairs; and University committees, which handle more specific matters of policy and report to the Senate committees.

Four alumni serve on newly-created committees of the latter type — namely, the University Committee on Social Policy and the University Committee on All-University Extension and Community Programs.

The Committee on Social Policy, with three alumni members, is headed by Professor D. Burnham Terrell, chairman of the College of Liberal Arts Honors Division. The alumni representatives, along with two members representing Vice Presidents Stanley Wenberg and William G. Shepherd, serve *ex officio*. The voting membership includes seven faculty and five students.

The committee is charged with the "consideration and development of policies concerning the University's role in meeting social problems." Terrell said that after several organizational meetings

the group has decided to concentrate its efforts on five basic concerns:

(1) Educational opportunities, especially those of minority groups; (2) equal employment, particularly as related to University employees and the awarding of University contracts; (3) civic life, or, as Terrell put it, "the University's relationship to civil authorities and the political process"; (4) housing and urban affairs, especially in the University area; and (5) an area which Terrell said has been tentatively described as "quality of life" — in other words, the University's relationship to both physical and socio-cultural problems of environment.

The Committee on Social Policy has a larger alumni representation than any other group, a factor that Terrell feels contributes greatly to its effectiveness.

"I think this (alumni representation) is one very good way of getting input from the community at large from people who are still familiar with — and interested in — the University," he explained.

For example, Terrell, said, one alumni member, Robert Fjerstad, is able to bring his experience as a former member of the Minneapolis Fair Employment Practices Commission to his work on the equal employment sub-committee.

The University Committee on All-University Extension and Community Programs is charged not only to coordinate its members' concerns and activities particularly with the University Committee on Social Policy, and to relate to the Senate Committee on Educational Policy, but also to "consider and recommend policies relative to extending the research and teaching resources of the University to the community and the state of Minnesota."

The Committee on All-University Extension and Community Programs consists of 10 faculty members, five students and *ex officio* representatives from the office of the vice president for academic administration, the Agricultural Extension Service and the General Extension Service, in addition to its single alumni member.

Under the chairmanship of Richard A. Swalin, associate dean of the Institute of Technology and

professor of mineral and metallurgical engineering, this committee has been looking at the University faculty and their attitudes toward the University's responsibility for continuing education.

Swalin's group has found that the faculty should become more intimately involved with continuing education.

"We will draft a position paper," he said, "for presentation to the University Senate, that will be an endorsement of the University's responsibilities for continuing education in the community."

Aside from Agricultural Extension work in the community, work that has shown strong programming, the other units of the University have dealt with continuing education in a peripheral fashion, Swalin told the Alumni News. Consequently, the position paper will not only relate the role of general extension education to community needs and interests, but also relate these needs and interests to all units within the University structure.

After five organizational meetings, the group has appointed a subcommittee to draft an initial outline for their position paper. Alumnus Les Westin is serving on that subcommittee.

The remaining alumni representation is on committees of the Twin Cities Campus Assembly, the organization which exercises general legislative authority and responsibility over educational matters concerning the Twin Cities campus, delegated to it by the University Senate and the Board of Regents. Although the Assembly has legislative authority over the Twin Cities campus as a whole, it does not over the internal affairs of a single institute, college or school of collegiate

rank except when these affairs materially affect the interests of other units of the campus.

The Twin Cities Assembly is composed of the University President, the Assembly chairman, elected faculty and student representatives and *ex officio* members as specified. All alumni representation is *ex officio*.

Should there be a conflict between the University Senate and the Twin Cities Assembly, the decision of the Senate prevails. However, appeals may be made to the Board of Regents through the office of the University President.

The Twin Cities Assembly shows two types of standing committees, Assembly Committees and Campus Committees, whose members serve as representatives of the Twin Cities campus rather than a particular instructional or research unit. There is *ex officio* alumni representation on two Assembly Committees, the Assembly Committee on Student Affairs and the Assembly Committee on Intercollegiate Athletics, and on one Campus Committee, the Campus Committee on Reserve Officers' Training Corps.

Aside from those University Senate committees already described, a brief sketch of their alumni members, as well as those alumni who participate on Twin Cities Assembly committees follows:

COMMITTEE ON SOCIAL POLICY

Harry E. Atwood '31BA, president of the Northwestern Life Insurance Company, Minneapolis, has a long and distinguished career in hospital and health planning activities which began in 1955 with the United Hospital Fund of Minneapolis of

WATSON



WESTIN



LUDCKE



ATWOOD

THOMPSON



HOLDEN



HARRIS



FJERSTAD

which he is still a trustee. Atwood is also a director and first president of the Planning Agency for Hospitals of Metropolitan Minneapolis, and a member of the Advisory Group, Northlands Regional Medical Program. In the past, he has served on a citizens' committee to study the future of Minneapolis General Hospital and on a task force for the Governor's Commission on Health and Rehabilitation.

Robert L. Fjerstad '54BBA '63MBA, administrator of compensation and placement for Northern States Power Company where he has been employed for 13 years, is a member of the executive committee of the Metropolitan Employers Plans for Progress Council and co-chairman of the University's Industrial Relations 25th Anniversary program. Fjerstad is a former member of the School of Business Administration's Alumni Association board.

Mrs. Harriet Thwing Holden '33BA, who has served for many years on the University's Freshman Scholarship committee, is currently on the board of the Minneapolis branch of the American Association of University Women, president of the Career Clinic for Mature Women, and incoming president of the board of Jones Harrison Home. She has held various committee chairmanships and offices on the board of the Minneapolis Y.W.C.A., including the presidency for three years, and is a past president of the CLA Alumni Association.

COMMITTEE ON ALL-UNIVERSITY EXTENSION AND COMMUNITY PROGRAMS

Leslie E. Westin '40BSEd, former State Senator and presently director of continuing education and community service for the Minnesota Higher Education Coordinating Commission, shows 20 years of successful experience in the life insurance business. A Senate author and prime mover of Educational Television studies and funding in Minnesota, Westin is a member of the National University Extension Association, the American Association of Planning Officials and the Citizens League. He is also active in the Conferences of American Institute Planners.

COMMITTEE ON STUDENT AFFAIRS

This committee, with two alumni members, is concerned with the general social, cultural and practical welfare of all students of the Twin Cities campus, and may formulate and recommend policies regarding these areas. Consequently, the committee may be concerned with counseling services, conduct and discipline, scholarships and loans, health, living conditions, student activities and organizations, student senate actions and recommendations, intramural-extramural sports and related activities, extracurricular activities, provision of equal

rights and opportunities, and any other matters that would enhance the University environment of students' learning and living.

Mrs. Judith Carpenter Schuck '61BA '61BSEd '68MA currently works part-time as a tutor for learning disability students in Bloomington, Minnesota. A member of the League of Women Voters and the Eden Prairie (Minn.) Human Rights committees, she has done student personnel work on the staff of the University Office of the Dean of Students and taught English in the Bloomington secondary schools. Mrs. Schuck, who was involved in numerous all-campus student governing and orientation activities while at Minnesota, is a member of Mortar Board and Phi Beta Kappa.

Mrs. Katherine K. Thompson '31BSEd '44BSN, a public school nurse practicing with the Minneapolis Board of Education since 1946 and assigned to Central High, is also an instructor, for the past 10 years, at Vocational Evening School in classes for nurses aides and licensed practical nurses that are associated with the Career Clinic for Mature Women. She is a director of the Minnesota Alumnae Club and a fellow in the American School Health Association. Mrs. Thompson, as a member of the Irish American Cultural Institute, is a volunteer worker with Professor Eoin McKiernan of Channel 2's "Irish Dairy".

COMMITTEE ON INTERCOLLEGIATE ATHLETICS

This committee, in behalf of the Twin Cities campus and charged with promoting high standards in athletic affairs, exercises faculty control over intercollegiate athletics as required by intercollegiate athletic associations and conferences. Also, the group is responsible for the formulation of policy matters and their supervision, on intercollegiate athletics, that includes all matters of eligibility of students, scheduling of contests, awards, policies concerning tickets and pricing of such tickets.

James A. Watson '42BA, president of Gamble-Skogmo, the nation's 18th largest merchandising company, and current president of the Minnesota Alumni Association, has been in the retailing business for 23 years. Watson is also chairman of the board of Red Owl, a director of Northwestern National Bank of Minneapolis and the Supermarket Institute of America, and a member of the board of directors and executive committee of the National Association of Food Chains. The native Minnesotan mixes civic with retail responsibility, in 1969 he served as general chairman of the Scout-O-Rama.

Wallace E. Salovich '50BBA '56MHA, currently president of the Minnesota "M" Club, is director of

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University of Minnesota Athletic Director Marsh Ryman faces one of the most challenging jobs in collegiate sports. For several years Gopher teams provided athletic entertainment for Minnesota fans, but the arrival of professional sports has seen a lessening of interest.

In a recent interview, Ryman answered some pertinent questions about the Athletic Department:

Q — What effect will the Vikings' championship season have on University football?

A — The Vikings' success can be a plus. They have made a lot of new football fans, not just pro fans. I think there are going to be a lot of people who can't get into see the Vikings who will come and watch us if we do the right kind of promoting.

Q — What will it take to interest more people in Gopher football?

A — We need respectable teams. The athletic directors at UCLA and USC, who are in competition with the Los Angeles Rams, say they aren't hurt as long as they have respectable teams. Also, we've got to find a better way of reaching our students. Surveys show that the freshman class is our biggest market, and we want to hit them with as much information as possible each fall before school starts.

Q — Are there other things you have in mind?

A — We're considering splitting our athletic ticket, one for football and one for both hockey and basketball. Also, we'll accelerate our spring sale and give more priority seating.

Q — What about having some kind of minutemen organization promoting Gopher sports?

A — This is a possibility. We need more interest in the Gophers within the business community. These are the people who could give us exposure through the state. We need to hook up with some business or chain to give us outlets for ordering tickets. The association would give us exposure and be good publicity for them.

Q — Do you think your football sale will be down next year?

A — It will be unless we do the right job of promoting. We can't afford a fall in attendance. Football pays for most of the Athletic Department's bills. During 1968-69 we were in the black, but whether we will be for this school year I don't know. Our football attendance was down from about 52,000 to under 50,000 this past fall.

Q — What do the Gophers have to offer that will make fans want to watch them play?

A — At this point, perhaps the most important thing



is our stadium. We have a football stadium and the Vikings don't. The importance of playing in such a facility was brought out when Green Bay played the Vikings here in October. The enthusiasm and reaction of the people who attended was tremendous.

Q — Are there plans to improve the stadium?

A — I can't give you a timetable or make promises when such and such will be done, but if something isn't accomplished within the next 10 years we're going to be dead.

Q — What improvements on the stadium would you like to see made?

A — I think it will only be a short time before we go to a synthetic turf. At that time we would move the field 15 feet closer to the bowl end. We also have to get a new press box and add 10-11,000 new seats. The box and seats would be constructed on a second deck on the stadium's south side. In addition, we need to widen our ramps and replace some of our seats.

Q — What would be the cost of such a project and how would you finance it?

A — I would estimate that it would cost between \$4,000,000-\$5,000,000. Some of the financing could come from private individuals who would receive top seating and accommodations on the second deck for a number of years. Then, the Athletic Department would have to take some of the cost. Finally, we'd be interested in

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1901

... The Alumni Weekly was there

This was the news of the campus, according to the first issue of the *Minnesota Alumni Weekly*, "published every Monday during the University year" and having "no other aim than to be a thoroughly wide awake newspaper."

In that first edition of volume one, dated September 14, 1901, the *Minnesota Alumni Weekly* stated that the "aim of its management will be to get all the news, of interest to the alumni, and to offer it in an attractive form. If this can be done successfully . . . the *Weekly* will fulfill its mission. Such a paper is bound to unify University interests."

FRESHMAN ENROLLMENT

"It is as yet too early to speak with any certainty as to the number of students expected for the present University year. To judge from the daily papers the number will exceed that of any previous year. It is a matter of comparatively small importance whether there is a large increase or not. The prospects for a good solid year of earnest, faithful work were never better.

"The freshmen class, which will doubtless number six hundred for the three departments, academic, engineering and mines, comes in hampered by few conditions and better prepared for the work of the course than ever before. Of the six hundred, not more than twenty come in by examination, even in part. No one had been admitted this year entirely upon examination. Practically all of the students coming to the University this year are from accredited schools and are admitted upon certificate. The liberal policy pursued by the University, in admitting so freely upon certificate, has not resulted in the lowering of the standard of preparation, but on the contrary has been a decided

incentive to the high schools of the state to reach a higher standard of work so as to be recognized by the University."

FOOTBALL PROSPECTS

"The University world is again questioning concerning football prospects for the year. It is too early to say anything as to the personnel of the team. The *Weekly* thoroughly believes that the University will be represented by a team of which all friends of the University will be proud. This belief is founded on two facts — Dr. Williams is still in charge, and there is more good material out of which to build a good team than ever before. A consideration of the two facts can lead to only one conclusion, Minnesota is to have a winning team."

THE SEMESTER SYSTEM

"With the opening of the present University year the Colleges of Science, Literature and the Arts, of Engineering and the Mechanic Arts, and the School of Mines, will divide the University year upon the semester basis. The proposition to have the University open and close one week later was not presented to the Regents for their action, the College of Engineering having objected to the change on the great loss which would result to students making their own living, who under the present arrangement can begin their summer's work the first of June."

BUILDINGS

"The \$60,000 appropriated by the last legislature for the department of engineering has been distributed as follows:

\$1,000 for changes and repairs in the mechanics arts building.

\$10,000 for completing the shop wing and extension of the shops.

"\$44,000 for the electric light and power station and electrical laboratory.

"\$5,000 was not appropriated, but was reserved for contingencies that may arise later.

"The repairs mentioned have been made, and the buildings named are in process of construction. Buildings are located beside the new shops, finished last year.

"The physics building, to cost \$50,000, is well under way. It will not be finished until the first of January, possibly not as soon as that. The building is located on Fifteenth avenue in front of the chemistry building."

MARINE BOTANICAL STATION

"Among the new enterprises of interest to students and alumni is the Marine Botanical Station at Port Renfrew, Vancouver Island, which was opened the 21st of June with an attendance of 29. Prof. Macmillan has promised to prepare a report concerning the work and purpose of the station for an early issue of the *Weekly*."

OPENING LAW LECTURES

"The opening lectures by Dean Pattee, before the several law classes, Tuesday afternoon and evening, were full of inspiration and sound advice. The leading thought the Dean wished the student body to carry through the course was stability of character as the foundation for their every step in their career. He said in part: 'Position is the aim in the life of many men, yet attained by very few. The law is the avenue by which many have attained the goal sought; yet without a strong character, imbued with a conscientiousness of the rights of his fellowman, success is not to be presumed. How your work is done today determines the
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ALUMNI NEWS

THE UNIVERSITY

"CONTROLLED GROWTH" AGAIN CUTS ENROLLMENTS IN COLLEGE OF EDUCATION

The lack of instructional space, facilities and personnel have caused enrollment limitations again in the College of Education — this time for prospective secondary teachers of English, speech and social studies. Students in these majors normally enter the College as juniors.

In English and speech, the College expects to admit 100 majors for fall 1970, and 80 majors in the social studies, admissions that will constitute two-thirds of the enrollment quotas expected for the entire year in these fields — 150 in English and speech, and 120 in social studies. These numbers represent a re-

duction of approximately one-third in the total new entrants for the four quarters.

The reduction comes through the decision not to admit students to these fields in the winter and summer quarters, 1971. Fall admissions, plus additional students accepted for spring, will make up the enrollment totals.

Supply and demand are also factors in this reduction decision. The supply has exceeded the demand for teachers of speech and social studies for some time, and, more recently, a similar situation has developed for English teachers.

The needs of communities and

schools for teachers with special backgrounds will be considered in the enrollment selection process. Preference will be given to applicants with promising academic records and potentialities for classroom teaching.

During the current year, limitations are in effect in the elementary education field. In fall 1970, further reduction is planned in the number of students accepted for the elementary education program when a total of 300 juniors will be accepted. This year there are 450 elementary education juniors in the College.

JOHN IMHOLTE NAMED PROVOST OF UNIVERSITY'S MORRIS CAMPUS

The appointment was made by the Board of Regents upon recommendation of President Malcolm Moos. Imholte has been acting provost of the Morris campus since the resignation last spring of Rodney A. Briggs.

Following Briggs' resignation, a search committee was established, comprised of members of the central administration in Minneapolis, faculty, students and a representative of University Civil service on the Morris campus. This was the first time that students have been officially involved in the process of recommending a nominee for a major administrative post within the University structure, with the exception of the selection of the University president.

The recommendation of Imholte was unanimous on the part of the search committee.

"The appointment of Dr. Imholte is richly deserved," said President Moos. "He is both an effective administrator and a productive scholar in the field of history."

Imholte, age 39, joined the original faculty of the University of Minnesota, Morris, in 1960 as an assistant professor of history. He was named chairman of the division of social sciences in 1962, assistant dean in 1967, academic dean in 1968 and acting provost last April. Imholte was promoted to associate professor in 1964 and to professor in 1969.

Born in St. Paul, he received a bachelor of arts degree from Washington & Lee University in 1952 before pursuing graduate studies at Minnesota. Imholte is the author of the book, *The First Volunteers*, and a number of historical articles and papers.



John Q. Imholte '57MA '60PhD was appointed provost of the Morris campus of the University of Minnesota in January. The four-year liberal arts college currently enrolls approximately 1500 students and has a faculty of 100.

FORMER TEACHER, NEWSMAN HEADS UNIVERSITY RELATIONS

Minnesota's department of University Relations has a new director, Duane Scribner, 38, former teacher and newsman, who has been serving as assistant to Vice President for Administration Donald K. Smith for the last six months.

Scribner succeeds William L. Nunn, who now heads the Special Projects fund-raising program as special assistant to Roger Kennedy, vice president for investments.

For two and one half years, until his return to the Twin Cities last August, Scribner has been administrative assistant to Senator Walter F. Mondale (D-Minn.) in Washington, D.C. His assignment under Vice President Smith has included general organizing, information-gathering, reporting and writing.

As director of University relations he will supervise the University News Service which supplies information to all news media,

a publications section that issues, among other things, the twice-monthly *University Report* to all University staff members, and a functions section which organizes various activities dealing with the public.

Scribner, a Minnesota native who received his bachelor of science degree from Moorhead State (Teachers) College in 1953, holds a master of arts degree in education from the University and is working on his doctoral degree, with a major in educational communications.

Previously, he was an instructor in education at the University, an English instructor at Moorhead State College, taught at Mounds View and Henning, Minnesota schools, worked as a reporter and news editor for the *Worthington Daily Globe*, and held various part-time reporting jobs.

U Doctor Gets Grant To Study Blood Flow

A \$134,426 three-year grant has been received by the University from the John A. Hartford Foundation, Inc., for clinical research on blood flow to tissues of the leg.

Dr. John P. Delaney, associate professor of surgery, will be conducting the investigations using techniques he perfected in the animal laboratory. Previous Hartford grants have enabled him to develop a method for measuring blood flow in the legs of animals, particularly blood going directly from arteries to veins, bypassing the tissues.

Using a modified technique for human study, Dr. Delaney's three-fold goal in research is to gain insight into the various conditions that lead to inadequate blood flow in the legs, to perfect pre-operative and post-operative assessments to determine which patients need operative procedures, and to measure objectively blood flow improvement.

STUDENTS, PARENTS WILL DECIDE NEW RESIDENCE HALL GUEST-VISIT POLICY

A new interim, multi-faceted policy, adopted by the University Board of Regents at a recent meeting, will allow students and their parents to choose from three visitation options that will affect guests in residence halls.

The options range from 24-hour open visiting, in which case guests would have to be registered and escorted at all times, to a completely closed hall. The third alternative would be similar to the University's present guest policy that allows visitors of the opposite sex during specified hours. The hours for visitors in the University's coed halls have been 10 a.m. to midnight, Sunday through Thursday, and 10 a.m. to 2 a.m., Friday and Saturday.

As before, each hall will decide its own policy by a two-thirds vote.

A new feature of the interim policy is that parents of students under

21 — approximately two-thirds of the 5,000 residence hall population — will be notified of their son's or daughter's choice and will have the ultimate decision as to the kind of guest policy he or she lives under.

No person will be forced to participate in a more liberal guest-hour policy than he or she wants. Arrangement will be made for students who prefer a more restricted policy to live in a residence hall, wing, house or on a floor that adopts such a policy.

Coeducational residence hall living, said to bridge the gap between the campus and the realities of the outside world, is rapidly increasing on campuses across the nation. Middlebrook Hall, the newest of three University coeducational residence halls, generally alternates men on one floor and women on another. A

major concern of many of the parents of students living in such halls has been the increased sexual freedom that this living arrangement might permit.

Yet, it is difficult to find students residing in the coed halls who are opposed to the living arrangements where they are responsible for their own behavior and where roommates serve as inter-controls on one another.

Paul Cashman, University vice president for student affairs, called the interim guest policy a logical evolution of the University's housing policy.

"Since the late 1950's when the residence halls first allowed parents to come in for brief visits on Sunday afternoons, students have gradually been given more responsibility to exercise judgment over

(Continued on page 25)

RESIDENCE POLICY . . .

the environment in which they live and learn," Cashman said. "The University has been well satisfied with the students' handling of this responsibility, and we are confident that they will continue to handle their responsibility satisfactorily."

The multiple option policy was drawn up by Neil Lavick, president of the Inter-Hall Residence Association, in cooperation with student leaders in residence halls and the Student Housing Bureau. Cashman pointed out that Michigan, Michigan State and the University of Illinois have adopted similar policies, with the results showing that about half of the residence halls adopted 24-hour guest hours, while others voted for more restrictive policies.

Cashman said that the policy will be studied and evaluated during winter and spring quarters, and that the results will be presented to the Board of Regents before fall quarter 1970. At that time, the Board will decide whether or not to adopt the policy on a permanent basis.

MSA President Proposes Legislative Committee On Student Concerns

A joint Senate-House subcommittee on student concerns for the state of Minnesota was proposed in January by the president of the Minnesota Student Association, Tom Gil-senan.

In a letter sent to key personnel in the State Legislature, Gil-senan urged dialogue between students and legislators on a regular basis — not just during legislative sessions or "when a conflict is already present that tends to impede communications." His suggested subcommittee composition includes members of the state House and Senate who are concerned with higher education and its financing, plus a composite of students from

U RESEARCHERS' EFFORTS WILL COMBAT WATER POLLUTION

Researchers at the University's Institute of Agriculture, St. Paul, are currently evaluating an oxidation ditch system to handle livestock wastes that are capable of causing water pollution.

The design of a system to handle animal wastes is of critical importance to livestock producers and to the community because of the recent environmental impact from pollution. The University's research efforts are of timely significance since legislation is now being proposed to deal with the problem.

The Minnesota Pollution Control Agency has issued a preliminary draft of a proposed regulation to prohibit "the promiscuous deposit of manure and other wastes which are capable of polluting waters of the state and which are directly related to or originate from the feeding of livestock or other animals."

This proposed law would require safeguards, such as a facility, device or disposal system or combination of all three, to prevent the movement of animal wastes and other wastes, such as uneaten food. The measure would also prohibit the storage of wastes under conditions that might result in water pollution.

A "pilot unit" concrete oxidation ditch to handle animal wastes was constructed by a team of experts from the University, including members of the department of agri-

cultural engineering and of the U.S. Department of Agriculture. The unit, which was built two years ago at the University's Agricultural Experiment Station, Rosemount, is a race track-shaped ditch to contain and reduce large waste volume, to reduce pollution levels and to maintain an acceptable nuisance level.

After four tests on the unit, the researchers have concluded that the oxidation ditch can successfully contain and treat beef cattle wastes in cold weather. The potential pollutant is stored until spring at which time the liquid wastes still are too polluted to be discharged into a waterway, but might be applied to a receptive soil for further treatment and disposal.

Research will continue on the project. Minnesota's departments of veterinary medicine and agricultural engineering received about a \$90,000 grant in 1968 from the U.S. Public Health Service to determine the life expectancy of infectious agents in the wastes from the ditch.

This oxidation ditch, though only one of many possible ways to handle animal wastes, has shown some advantages. It is a relatively odorless operation and contains wastes during the winter in a form that allows them to be spread on the ground in the spring to nourish the soil and crops. It is also a form of waste treatment that reduces pollution potential.

both private and public colleges, including junior colleges.

"For too long student concerns have been explained and developed by others, instead of by students themselves," Gil-senan said. "Education is too integral a part of this state's growth to exclude from the ongoing participation in decision-making those for whom it is provided."

The quality of instruction and services that students need on their

campuses, such as transportation, health care and dining facilities, were among items Gil-senan suggested as issues students feel most strongly about. He proposed that the development of such a subcommittee could be considered at the statewide meeting of student body presidents that he had suggested earlier to Governor Le-Vander.

Representative Rodney Searle, chairman of the Minnesota House

Higher Education Committee and chairman of the education subcommittee of the Appropriations Committee, one of the recipients of Gil-senan's letter, said, in reply, "My own feeling about your proposal is that the great majority of your questions would have to be solved within the administrative framework of the individual campuses — that there would be only a small proportion that would call for legislative involvement (with students)."

He said that his education subcommittee visits each campus during the interim and speaks with students, faculty and members of the administration. Searle invited Gil-senan to send him a list of possible proposals he feels need to be aired, that directly affect the students and the legislature.

Regents Appoint Webb Associate CLA Dean

The University Board of Regents recently appointed John W. Webb, professor of geography, to the position of associate dean for social sciences in the College of Liberal Arts (CLA). He succeeds Lloyd Lofquist whose promotion to assistant vice president for academic administration was announced earlier.

Webb, a native of England, holds a master's degree from the University of St. Andrews, Scotland, and a doctor of philosophy degree from the University of Minnesota. He was appointed to the University faculty in 1952 and served as chairman of the geography department from 1966-69. Webb's area of research specialization is settlement and population geography, particularly the urbanization of Europe and North America.

**Have You
Seen the
New
Alumni Film?**

Blue Cross President Receives An OAA

The president of the Blue Cross Association, Walter J. McNerney '50MHA, received the University's Outstanding Achievement Award in late January. McNerney, who leads an organization that offers 75 health insurance plans covering more than 90 million people and distributes annual benefits totalling more than \$6.6 billion, accepted the award at a Health Sciences staff luncheon-meeting in Mayo auditorium. William Shepherd, vice president for academic administration, made the presentation.

The author of several articles on hospital and medical economics, McNerney discussed the organization and financing of health care in the 1970s at the luncheon.

PIPER DINNER

Ralph A. Piper, gymnastic coach at the University for the past 41 years, will be honored at a testimonial banquet on March 7 in the East Room of the Curtis Hotel. The banquet coincides with the Big Ten Gymnastic finals to be held in Minneapolis the same evening.

Reservations can be made by contacting Glenn Reed, Athletic Department, 11A Cook Hall, University of Minnesota, Minneapolis 55455.

A special book of testimonial letters and telegrams will be presented to Piper at the banquet. If you have some comments to include, send them to Glenn Reed before February 20.

1901, continued . . .

character of your work tomorrow. A client's life may depend upon the earnestness or listlessness of your work today.

"The enthusiasm manifested by the students with the Dean's half-hour talk gave evidence of deep impression, and its effect will be felt throughout the course."

ALUMNI REUNION

"The class of '99 was represented at the exercises of commencement

week last June by over fifty members. This good showing was due to the efforts of Perry O. Hanson, president of the class."

GLEE AND MANDOLIN CLUBS

"The Glee and Mandolin clubs met yesterday afternoon and discussed informally the year's prospects. The Glee club is rather demoralized, having lost both first tenors, Ware and Newhall, first bass, Luse and Stevens, second bass.

"The Mandolin club has lost but two men . . ."

"Prof. Frankforter is pushing a movement in the faculty to allow credits for work in the Glee and Mandolin clubs. The faculty will vote on the measure the latter part of the week. One semester's credit will be given for a year's work in either club, should the professor's wishes be approved by the faculty at their meeting."

FOOTBALL SCHEDULE

"The season's schedule, as finally revised, is as follows. Cut it out for future reference; it is the first complete and authentic schedule to be published:

"Sept. 14, Varsity vs. Second Eleven, at Northrop Field.

"Sept. 21, open date.

"Sept. 28, Carleton College, Northrop Field.

"Oct. 5, P. & S., of Chicago, Northrop Field.

"Oct. 12, Nebraska, Northrop Field.

"Oct. 19, Grinnell, Northrop Field.

"Oct. 26, Iowa, Northrop Field.

"Nov. 2, Haskell Indians, Northrop Field.

"Nov. 9, North Dakota, Northrop Field.

"Nov. 16, Wisconsin, at Madison.

"Nov. 23, Northwestern, at Chicago.

"Nov. 28, Illinois, at Champaign.

"Nov. 29, Undisputed Champions of the West."

Editor's Note: The football team was only the Undisputed Champions of the West in the hearts of their fans in 1901. Up until the Wisconsin game, the Gophers won every one without a tally against Minnesota. Then came the Gophers' Waterloo — Wisconsin beat them by the score of 18 to 0. The remaining two games of the season the Gophers won, scoring 16 points against each of their opponents.

Almost by Accident, Tom Clausen Heads Bank of America

IN 1946 a man nicknamed "Tom" from a school play role and who dreamed of being a lawyer, was discharged from the armed services and "dashed" through the University's Law School to graduate in 1949.

A. W. (Tom) Clausen then moved to Los Angeles, California, to study for the California bar examinations, — and to court his future bride who was teaching school in southern California and did not want to leave the state. Tom "had to eat" while preparing for his exams, so he signed on at the Bank of America's main branch in Los Angeles to count currency.

Today Tom Clausen is still working for the world's largest commercial banking institution — as its president and chief executive officer. He also has become president and chief executive officer of BankAmerica Corporation, the bank's one-bank holding company.

The election of the man, who only eight months ago was vice chairman of the bank's board, to the top job culminates a succession of appointments in the last six years during which Clausen headed the bank's National Division as vice president, led Northern California loan activities as senior vice president, and served as chairman of the General Finance Committee (GFC), as executive vice president and a member of the bank's Managing Committee.

The new president has been personally involved in Bank of America's forward looking programs in recent years — not only in

banking and finance, but also in the area of social responsibilities.

Clausen, while presiding as GFC chairman, put together some of the largest financial transactions ever handled by the \$25 billion institution. A believer in the multinational approach, he describes a \$246 million Eurodollar financing-package transaction he signed in 1969 as the epitome of "venture banking" — a new kind of development banking that he thinks will represent the essence of international banking in the last third of the 20th century.

On the domestic banking scene, Tom Clausen believes that any further increase in the prime interest rate is not politically feasible, and he looks for a gradual cooling of the economy and a reduction in the demand for loans to put downward pressure on interest rates.

"I don't think we'll ever see rates of $4\frac{1}{2}\%$ or 5% again," he said. "They seem to have gone the way of the nickel cigar that now costs 15 cents." He added that the demand for credit around the world remains "insatiable".

And Clausen sees a domestic deposit growth to be reached by banks creative and aggressive enough to capture it. Looking at the continued population boom and high level of affluence in California, he noted that "there is no longer much place for the hard-working drudge in banking — the paper-work buff. The affluent, educated public demands more. Only the lively, imaginative banker is going to be able to stay



ahead of the diverse pressures being exerted on him."

While heading loan activities in California, Clausen had a direct hand in shaping a \$100 million home loan program for minority areas to which the bank committed itself in 1968. He cites three reasons why he thinks large corporations must lead in solving the urban crisis:

"We live or die with our environment, the public perceives large corporations as more than businesses and as leaders in the working of public policy, and, finally, corporate involvement is a matter of conscience."

Clausen told an urban audience recently, "we owe a moral debt to those who came before us and a moral obligation to those who will come after us to continue building this society. This debt and obligation cannot in any meaningful way be separated from our businesses."

Clausen's election as president of the Bank of America was no surprise. His election in May 1969 as vice chairman of the board, coming only a few months after he had been named chairman of the General Finance Committee and

(Continued on page 29)

THE ALUMNI



DR. JEROME HINIKER IS HONORED POSTHUMOUSLY WITH UNIVERSITY OAA

Dr. Paul Cashman, University vice president for Student Affairs, left above, presented Dr. Jerome Hiniker's '34DDS Outstanding Achievement Award posthumously to his wife, Mrs. Marion Hiniker, at the 12th Annual Meeting of the University's School of Dentistry Alumni Association recently.

Seven members of the Hiniker family were present to share the honor with Marion Hiniker: three daughters, Mary, Ann and Kay; one son, Paul; a sister, Miss Teresa Hiniker; and two brothers, Dr. Louis Hiniker and Dr. Peter Hiniker, along with his wife.

Jerome Hiniker died August 24, 1969, before he could receive his award from the University. The assistant chief medical director for dentistry at the Veteran's Administration, Washington, D.C., was cited for his building of new pro-

grams of dental research and service, for his research which added to the fundamental knowledge of periodontics and for his work as an elected official of the American Dental Association.

He had worked in Michigan before taking his post in Washington in 1963. A veteran of the Dental Corps of the U.S. Army Air Force, Dr. Hiniker was second vice president of the American Dental Association, and a member of the American College of Dentists, and other professional groups.

The first Ambert B. Hall Award was presented at the same meeting, to Dr. Ambert B. Hall '22DDS. The award, honoring Dr. Hall, was established in 1969 to cite distinguished graduates of the School of Dentistry for their leadership, dedication and contributions to the profession.

Minnesota Engineers To Meet in New York City

Minnesota Engineers will hold their annual New York meeting on March 25 at the Holiday Inn Coliseum in New York. This yearly gathering is held concurrently with the annual meeting of the Institute of Electrical and Electronic Engineers.

All University of Minnesota Engineers and friends are invited to attend the meeting. Contact Lloyd A. Russ '28EE, Westinghouse Electric Company, 200 Park Avenue, New York, for information and reservations.

Alumna is Recipient Of Faculty Lectureship

Dr. Mavis Nymon '53PhD, professor and chairman of the department of food and nutrition in the College of Home Economics, North Dakota State University, has been named the recipient of that university's 14th annual Faculty Lectureship.

The Faculty Lectureship committee of the University Senate each year selects, out of more than 400 professors, a faculty member who has had an unusually strong impact on campus.

Dr. Nymon, the second woman to receive this award, will deliver the Faculty Lecture February 24 in the Memorial Union ballroom.

Dr. Nymon was employed in the University's School of Home Economics during 1946-53, and 1958 through 1960.

**Have You
Seen the
New
Alumni Film?**

FLORIDA'S SUNCOAST CHAPTER AND OWATONNA ARE CITED FOR 1969 WORK

Two University of Minnesota Alumni chapters were cited for their outstanding work on behalf of the University at the January meeting of the Minnesota Alumni Association Board of Directors. A large, impressive maroon and gold banner proclaiming them "Outstanding Minnesota Alumni Chapter for 1969" was presented to the Owatonna, Minnesota group and to the Suncoast, Florida group.

Instate and out-state chapters were judged on their year's activities as described on a special Chapter Evaluation Questionnaire each chapter filled out and submitted, before the final selections.

Under the leadership of presi-

dent Dick Anderson, the Owatonna chapter represents alumni in Minnesota's Steele County and works with high school counselors to select a group of "top" high school students who attend the annual meeting of the chapter and are sponsored by local businesses.

The Suncoast chapter, which includes alumni on the west coast of Florida from Pasco County to Naples, is under the leadership of Carmen N. Richards. The group has shown as year of ambitious and varied programming, drawing many alumni into its fellowship, communicating the work of the University effectively and building money for Scholarship programs.



ALUMNA EDITOR PRESENTS WORK TO SBA. An alumna of the University's School of Business Administration (SBA) recently presented two volumes of accounting work, "Portrait of Accounting Systems for Small and Medium-sized Businesses", to SBA Dean Paul Grambsch, right, for the School's Business Reference Room library. Mrs. Marjorie Diehl James, editor of the two books recently published by Prentice Hall, made a special trip from Washington, D.C. for the presentation. Mrs. James is employed in Washington as the director of information for the National Society of Public Accountants. Professor Jay Smith, left, chairman of SBA's accounting department, was also on hand to admire the gift that is of special significance to the library. The books will be placed in the West Bank's Wilson Library special quarters that house the Business Reference Room, for both student and faculty use. The business library also received a sizeable gift two years ago from Donaldson's Golden Rule.

TOM CLAUSEN, continued . . .

head of world-wide loan activities, clearly tabbed him as a heir to the presidency.

Moreover, his rise at the bank has been so rapid that he was marked as chief executive material 13 years ago by superiors who gave him a performance rating as a lending officer.

At age 46, Tom Clausen is not the youngest to become the Bank of America's president, but he is notably younger than the top officers of most banks approaching Bank of America's size.

Clausen, who is also a graduate of the Advanced Management Program of the Harvard Business School, had his early collegiate career at Carthage College, Illinois, interrupted in 1943 by WWII. He received his BA degree "in absentia". During service in the Army Air Corps, he studied meteorology at the University of Chicago and Yale before going to the European theater as a first lieutenant in weather reconnaissance.

He was among the 50 percent of the candidates who passed the California bar examination in late 1949, and was offered a full-time position as an officer trainee with the Bank of America under a newly instituted training program.

As he gained experience in several Los Angeles branches and executive training, Tom Clausen became "fascinated" with the bank and stayed on.

Success came to him so fast and so often at the Bank of America that he never bothered to go into law practice.

Throughout his career, Clausen's friends say, his life has been centered almost entirely around the bank. He works a 10-hour day, commuting to his office by rail.

Clausen is known as a reserved, modest, soft-spoken man with an unobtrusive — but steely — self-confidence.

AROUND & ABOUT



POWELL



EWERT

Veterinary Med

'69

Charles Rhodes '69DVM a native of Clinton, Wisconsin, is currently in Vietnam advising Vietnamese farmers and animal raisers of III Corps on veterinary problems. Working under a program run by the University of Minnesota through United States Aid for International Development (USAID), Dr. Rhodes advises on and helps to supervise the distribution and proper use of vaccines for combating animal diseases in III Corps. "I decided to take advantage of the opportunity to come to Vietnam," Rhodes said, "partly due to a personal interest in Southeast Asia and partly due to a veterinarian's curiosity . . . I'm getting an excellent chance to see some rare diseases and unusual techniques and methods."

Law School

'25

J. R. (Jerry) Pratt '25LLB is now working with Experience Incorporated, a Minneapolis-based consulting firm that specializes in agri-business. For the past eight years he has been director of Community Relations for the Upper Midwest Research and Development Council, and previously was manager of the Northwestern Division of the U.S. Chamber of Commerce. Showing a career devoted almost entirely to civic development and organization management activities, Pratt has also been associated with the Municipal Reference Bureau and the League of Minnesota Municipalities, the Institute for Organization management at the Universities of Montana and Colorado, the Minnesota Trade Association Managers Council and the Northwest Research Committee. He is currently serving as member of the Minnesota Committee for University Health Sciences.

'37

Orville C. Peterson '37LLB, St. Paul, Minnesota, has retired as executive sec-

retary of the League of Minnesota Municipalities, after a 33-year association. But he will remain a busy man, having accepted a full-time appointment as a professor in the University's School of Public Affairs, as a member of the Metro Park Board and will also continue to serve on the St. Paul Charter Commission. One of his major concerns while with the League has been the laws under which Minnesota communities operate. He cited legislative passage in 1949 of the Village Code that he helped to draft as one of his major achievements.

'38

William J. Powell '38LLB, general counsel of The Pillsbury Company, Minneapolis, since 1963, has been elected vice president-law, a new post. Powell joined Pillsbury's legal department in 1960. He has been executive assistant to the president of the Minneapolis & St. Louis Railway, and previously was in private law practice in Spring Valley and Preston, Minnesota.

'60

Russell H. Ewert '58BS '60BBA '60JD, Northbrook, Illinois, has been promoted to vice president in the commercial banking department of The First National Bank of Chicago. He was previously assistant vice president of Loan Division O, serving small business.

'63

John W. Romine '63LLB, Edina, Minnesota, a lawyer in the Minnesota Tax department, was recently appointed to the State Workmen's Compensation Commission by Governor Harold LeVander. A native of New Richland, Minnesota, he has served on the attorney general's staff since April 1967.

Education

'37

Lewis A. Hess '37BSED, Columbus, Ohio, has been named director of the Ohio State University School of Physical Education. Joining the Ohio State

faculty in 1946 as an assistant professor, Dr. Hess also holds a master's degree from Minnesota and his doctor of education from Columbia University. He was named associate professor in 1948, professor in 1954 and chairman of the men's division of the physical education department in 1957.

'40

Howard P. Mold '40BSEd, North Oaks, Minnesota, associate director of the Management Center, College of St. Thomas, St. Paul, since 1961, has been named the Center's director. Previously Mold served as executive vice president and director of marketing for Streater Industries and as manager of sales personnel at Honeywell, Inc. Serving two terms as mayor of North Oaks, he is an advisor to the Minnesota Peace Officers Training Board and is active in seminar and research development work in the fields of local government and law enforcement. Mold also holds a master's degree in industrial psychology from Minnesota.

'49

Dr. Emma Marie Birkmaier '49PhD, head of the department of foreign languages at the University's Laboratory High School, was recently honored with the College of Catherine's Alexandrine medal for "outstanding service to society." Born in Munich, Germany, Dr. Birkmaier was teaching at Edison High School, Minneapolis, when she was asked to join the University's Laboratory School. She started as an instructor and progressed to assistant professor of education and chairman of the department of foreign languages. Her husband taught industrial education and coached hockey at Minneapolis' South High until his retirement two years ago.

'59

Dr. Paul A. Bloland '59PhD, Palos Verdes Peninsula, California, dean of students at the University of Southern California (USC) for five years, has been elected vice president for student and alumni affairs by the USC board of trustees. The president-elect of the American College Personnel Association



GILBERT



SOMMER



BREWSTER



PARTRIDGE



GARCIA

and former regional vice president of the National Association of Student Personnel Administrators, Bloland came to USC in 1964 from Drake University where he had been dean of students for four years. He had 12 years prior experience in student personnel work, counseling and guidance at the Universities of Wisconsin and Minnesota. A mountain climber, Bloland has scaled 165 peaks throughout the world in the last 20 years.

'66

Richard E. Gilbert '66BSED, New Hope, Minnesota, has been appointed a registered representative in the Brookdale (Minn.) office of Dain, Kalman and Quail, Inc. (DKQ) after completing a six-months' training course. Gilbert served four years with the U.S. Marine Corps prior to joining DKQ.

'68

Gail F. Hughes '68BSED, Minneapolis, was recently named one of the 18 newly assigned Peace Corps Volunteers who will teach English, mathematics and science at the junior secondary school level in Lesotho, Africa. While at the University, Miss Hughes went to Uganda with the SPAN program in the summer of 1967.

Business Administration

'23

Sidney A. Swensrud '23BSB, Ligonier, Pennsylvania, retired president and chairman of the board of Gulf Oil Company, has been elected to the National Board of Directors of Planned Parenthood-World Population. A long time supporter of the family planning movement in this country and abroad, Swensrud is also a vice president of the International Planned Parenthood Federation. He is on the board of Carnegie Institute of Technology and is a member of the International Chamber of Commerce and the U.S. Council on Foreign Relations.

'32

Clifford C. Sommer '32BBA, president of the Security Bank and Trust Com-

pany of Owatonna, Minnesota, has been elected vice president of the American Bankers Association (ABA). He is the first banker from the Ninth Federal Reserve District to be elected a vice president of the ABA. Sommer is presently a Minnesota state senator, regent for Augsburg College and chairman of the board of the Lutheran Mutual Life Insurance Company. Sommer is also a trustee and was for three years vice chairman of the Foundation for Commercial Banks and was an associate councilman for the American Institute of Banking.

'35

Bjarne R. Eng '35BBA, St. Paul, has been promoted to the newly-created post

of vice president-accounting management, by Control Data Corporation, Minneapolis. Previously he served as corporate controller, a position he has held since joining Control Data in 1961. Before that Eng served as vice president and treasurer of Fairbanks Morse & Company, and is currently a director of the Valley National Bank, St. Paul.

'43

Mrs. Patricia M. Partridge '43BBA, Wayzata, Minnesota, women's representative of the First National Bank of Minneapolis, has been elected to the position of marketing officer. Mrs. Partridge joined First Minneapolis in 1968. Formerly she served as wedding consultant and later as director of special events at Dayton's, Minneapolis, and earlier was associated with a national lecture and concert agency in Chicago. Active in civic affairs, she is on the board of directors of the Abbott Northwest Corporation, Women's Association of the Minnesota Orchestra, the Stevens Square Home for the Aged, Visiting Nurses Association and the Minnesota Alumnae Club.

'47

Raymond B. Garcia '47BBA, Minneapolis, was recently elected a senior vice president of Dain, Kalman & Quail, Inc. (DKQ). Garcia, who joined DKQ as treasurer in 1952 and was elected a vice president in 1961 and has been a member of the board of directors since 1963, holds the firm's seat on the American Stock Exchange. He is also manager of DKQ's trading department and has responsibility for the firm's own position trading in its seven-state operating area.

Louis R. Brewster '47BBA, Minneapolis, has been appointed vice president and general manager of Cat Pumps, International. A three-year regular on the Minnesota basketball team and its captain in 1947, he is currently chairman of the World Trade Committee for the Greater Minneapolis Chamber of Commerce and vice president of the Minnesota World Trade Association. The latter group named him "Minnesota's World Trader of the Year" in 1969.

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ALUMNUS LEADS NASA'S MANNED SPACECRAFT FLIGHT OPERATIONS

Sigurd A. Sjoberg '42BAeroE was named director of flight operations for the National Aeronautics and Space Administration's (NASA) Houston, Texas Manned Spacecraft Center (MSC) in late December. Sjoberg, who replaces Dr. Christopher Kraft, a recently appointed director of MSC, has served as deputy director of flight operations since October 1963.

Since joining MSC in 1959, he has held successively responsible operations positions. Sjoberg joined the National Advisory Committee for Aeronautics (NACA), NASA's predecessor, in 1942 as an aeronautical engineer, following his graduation from the University.

Sjoberg's new duties include the management and direction of four organizational divisions which are responsible for mission planning and for the overall direction of flight control and recovery activities associated with all NASA manned space flight activities.

The Minneapolis native received the MSC Superior Achievement Award in 1966, the NASA



Exceptional Service Medal in 1969 and again later that same year.

He is a member of the American Institute of Aeronautics and Astronautics and is the U.S. representative to Federation Aeronautique (FAI), Paris, France.

Sjoberg works with three other Minnesotans at the Houston Center: Center director Robert R. Gilruth '35BAeroE '36MSAeroE, director of flight crew operations Donald K. Slayton '49BAeroE, and director of administration Philip Whitbeck '47BA '47-48.

'65

Peter Prestegaard '65BBA, Forest Hills, New York, regional marketing officer in the Irving Trust Company's metropolitan division, has been elected an assistant vice president. He joined Irving Trust in 1965 and was promoted to assistant secretary in 1968.

'66

Dr. John M. Braasch '66PhD, Upper Arlington, Ohio, has been elected treasurer, AccuRay Leasing Corporation, major leasing and servicing subsidiary of Industrial Nucleonics Corporation. He will also retain his position as manager of the AccuRay Information Services Divisions of AccuRay Leasing. Braasch, who holds bachelor's and master's degrees in engineering from Minnesota, joined the parent company as staff management consultant in 1966, was promoted to management science director, management science group in 1967.

'52

E. B. (Barney) Schroeder '52BBA, Christmas Lake, Minnesota, is the owner and president of Schroeder Industrial Sales, Inc., the Minneapolis firm that has been appointed to represent Illinois Coil Spring Company in western Iowa and eastern Nebraska. The firm will also continue to service the Minnesota and Dakota areas. Schroeder was a salesman for Paper-Calmenson & Company, Minneapolis, before organizing his own firm eight years ago.

Roger S. Carlson '52BBA '53MBA, Golden Valley, Minnesota, formerly vice president of General Mills, has been named vice president-director of marketing for Foremost Foods Company, San Francisco. Carlson had joined General Mills in 1953 and held various marketing and management posts before becoming vice president in 1967. During 1955-1959 he served with the U.S. Navy in naval intelligence on the staff of the commander in chief, Pacific Fleet, Hawaii. He has served as village councilman

for the suburb of Golden Valley and has been chairman of the Golden Valley Republican organization.

'58

Thomas E. Hansen '58BBA is the new convention manager of Sun Valley, Idaho. Previously Hansen was manager of the Jackson Hole Resort Association, Wyoming, in management and communications consulting in San Francisco and convention sales for Pan American World Airways, Washington, D.C. Hansen spent five years on active duty as a naval officer in air navigation and as the assistant operations officer at Pearl Harbor Naval station.

Allan D. Crawford '58BBA, Meriden, Connecticut, has been appointed manager of special risk services in the accident and health department of Aetna Life & Casualty, Hartford. Crawford, who joined Aetna in 1958, was named a supervising underwriter in 1962, superintendent a year later and administrator, special risks services, in 1966.

Graduate

'28

John F. Thomas '28MA, Geneva, Switzerland, known as one of the world's leading experts on refugees and their problems, recently was named one of seven winners of the 1969 Rockefeller Public Service Awards, given annually in recognition of "distinguished service to the Government of the United States and to the American people." As director of the Intergovernmental Committee for European Migration (ICEM), an international agency headquartered in Switzerland that represents 31 governments in refugee and migration matters, Thomas is the first American Negro to head a major international organization. He is considered directly responsible for the successful relocation of some 4 million refugees throughout the world while serving with the U.S. government, AID, the UN Relief and Rehabilitation Administration, the International Refugee Or-



HANSEN



CARLSON



REED



SABINE



KELTY

ganization and with ICEM. Thomas played both professional football and basketball in Minneapolis, and in 1930 became athletic director and a teacher of history at Johnson C. Smith University, Charlotte, North Carolina. In many ways his social service career began in Minneapolis where he engaged in settlement house work and also served the Minnesota State Employment Service and the National Youth Administration.

'49

Dr. Gordon A. Sabine '49PhD, East Lansing, Michigan, a former newsman and since 1955 an administrator at Michigan State University (MSU), has been designated MSU's vice president for special projects and university relations. He has been vice president of special projects since 1960. Dean of MSU's College of Communication Arts from 1955 to 1960, he earlier had been dean of the journalism school at the University of Oregon after teaching assignments at the Universities of Kansas and Minnesota. His news experience includes service as a reporter and editor for the *Lynchburg (Va.) News* and for the (*Madison*) *Wisconsin State Journal*. Sabine has also worked for the United Press.

'52

Neola S. Reed '39BS '52MA, Minneapolis, associate superintendent of schools for elementary education for the Minneapolis Public Schools retired from her position in January after a 47-year career in education. She began teaching in Sandstone, Minnesota, and later taught an additional seven years in Farmington and Robbinsdale before coming to Minneapolis. From 1930-31 Mrs. Reed taught in San Paulo, Brazil, while accompanying her late husband, Carl L. Reed, a rubber company executive. She was promoted from teacher to principal of Lyndale and Armatage schools, and since 1967 has been in charge of all elementary education in Minneapolis.

'54

Norman F. Thomas '54PhD was recently named vice president for academic

affairs at Paterson State College, Wayne, New Jersey.

'66

Carl J. Ekberg '66MA, Purgitsville, West Virginia, has been awarded a U.S. Steel Foundation Fellowship. He is currently seeking a PhD in modern European and English history at Rutgers University. Ekberg plans to teach at the college or university level.

'67

Sister Genevieve Schillo '67MA, Washington, D.C., has received a research grant from the Curriculum Development Center at the Catholic University of America that includes writing and research for the Center in the field of social studies. She is currently pursuing a doctorate in educational administration at the Catholic University.

'69

Rex D. Honey '69MA, who has completed his course work for the doctor of philosophy degree, has been appointed to the faculty of St. Olaf College, Minnesota, as an instructor of history; and *Ralph A. Olson '67BSEd* has been appointed as an instructor of Russian.

Dr. H. Edwin Carley '69PhD, Warminster, Pennsylvania, has joined the research division of Rohm and Haas Company in their Spring House, Pennsylvania, laboratories. Carley also holds degrees from Cornell University and the University of Idaho.

Journalism

'36

Arvo Haapa '36MAJourn, owner and publisher of the *Newport Harbor Ensign*, Corona Del Mar, California, recently was named the winner of a \$1,000 award in the weekly newspaper category for his series on zoning in the annual competition sponsored by the Independent Natural Gas Association of America for excellence in business writing. Haapa founded his paper in 1948 after being a staff member of the *Columbus (Ohio)*

Citizen from 1936 to 1941. He also holds a bachelor's degree from the University where he was a journalism instructor in 1946-47.

'40

William H. Kelty '40BAJourn, deputy general manager of *Reader's Digest* In-



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"The Songs of the University of Minnesota" — 16 of your favorites reproduced on a 12-inch long play high fidelity record. Featuring the University of Minnesota Concert and Marching Bands, Men's Glee Club and University Chorus. Members \$2.50; others \$3.00.

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TRENARY



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IMM

ternational Editions, has been named a vice president of the *Reader's Digest* Association. He joined the *Digest* in 1945 and was named business manager of its Canadian company in 1947. Kelty subsequently served as special marketing representative for the *Digest's* Japanese and Australian companies before his present assignment. Before joining the *Digest*, Kelty was public relations director for Associated Industries of Minneapolis, an editorial writer and research editor for the *Minneapolis Star and Tribune* newspapers and the National Broadcasting Company, and an assistant editor for *Newsweek* magazine.

'65

*Michael A. Donner '65BA*Journ, Chicago, Illinois, has been appointed sales training consultant of Continental Assurance Company's manpower development department. Formerly senior analyst with the marketing information department, Donner has been with Continental for 10 years. He edits *The Chicago Marketing Scene*, the magazine of the American Marketing Association.

Dentistry

'45

Dr. William R. Lauer '45DDS has been appointed to the faculty of Emory University's School of Dentistry as an assistant professor of operative dentistry. He comes to Emory from private practice in Bismarck, North Dakota.

CLA

'30

Arthur J. Imm '30BA '31BSED, Los Angeles, California, director of training, Industrial Relations Administration, Los Angeles Department of Water and Power (DWP), has retired after 30 years of distinguished service. Imm initially went to California to take a position as senior personnel technician with the Los Angeles Civil Service Commission. He had

been director of training with DWP since 1945. Imm wrote the Alumni News that he expects to "continue active in the Sierra Club, the American Legion and the Reserve Officers Association, and to do some traveling and study that he has not yet found the time for." In the summers he expects to visit his family in Minnesota and do some fishing. His wife, the former *Margo Ruth Peterson '29BSED*, cannot travel because of her health, but studies psychology, history and philosophy, and does a wide range of other reading, practices the piano and organ, and writes poetry almost daily.

'37

George Moses '37BA, who is retiring after nearly 30 years of service with the Associated Press and almost 20 years as head of AP operations in Minnesota and the Dakotas, will join the faculty of Macalester College, St. Paul. Moses, who also holds a master's degree from the University, will be an assistant professor and acting director of the school's department of journalism.

'49

Dr. Marina Esther Axen '49MS, Muncie, Indiana, is one of five new department heads who have been appointed at Ball State University. She will head the department of library science. Prior to coming to Ball State she was working on her doctor's degree in library science at the University of Illinois where she taught in the graduate school library. Dr. Axen has been head reference librarian at St. Cloud State College, Minnesota, head librarian at Bethel College and Seminary, St. Paul, and has taught in the Duluth, Minnesota, public schools.

'51

Joseph C. Donlin, Jr. '51BA, New Brighton, Minnesota, was recently named general manager of Apache Plaza Shopping Center, Minneapolis. Formerly head of Joseph C. Donlin and Associates, a Minneapolis-based shopping center management consultant firm, until he formed his own organization in 1968, he managed Apache Plaza for Apache Corporation, the center's former owners.

'59

Clyde R. Cottrell '59BS, Osseo, Minnesota, a new sales representative for Pfizer Diagnostics, recently completed a two-week training course held at Pfizer World Headquarters in New York. The Sandstone, Minnesota, native will call on hospitals, clinical laboratories and blood banks in the division's central region.

'64

Larry L. Gilb '64BA, Gillette, New Jersey, in charge of the Personal Banking Center at Irving Trust Company's Empire State office, has been elected an assistant vice president of Irving. He joined Irving in 1964 and was promoted to assistant secretary in the bank's metropolitan division in 1968.

'67

Robert T. Trenary '67BA, Golden Valley, Minnesota, has been appointed a general sales representative for the Twin Cities service center of Joseph T. Ryerson & Son, Inc., the nation's largest metal distributor. He will represent the company in the Twin Cities and St. Cloud area. Trenary joined Ryerson in 1969 after serving as a sales representative for a major aluminum producer for two years.

Agriculture

'17

Norris K. Carnes '17BSAg, St. Paul, general manager of the Central Livestock Association, South St. Paul, has had his portrait hung in the Agricultural Hall of Fame of the Saddle & Sirloin Club, Chicago. The sole recipient of this honor in 1969, Carnes was cited for his outstanding contributions to the livestock and meat industry, to agriculture in general and to his country. One of the main attractions of the Saddle & Sirloin Club is its gallery of world famous oil portraits of those notables who have made distinct contributions to the advancement of animal husbandry. Only 300 such individuals from around the world have been

UNUSUAL PROFESSIONAL COMPETENCE MARKS A MAN IN AVIATION

His "penetrating insights into the complexities of safe and efficient airline operations, both as a pilot and executive, have reflected unusual professional competence and personal concern for flight reliability.

"Moreover, his willingness to share this knowledge with the rest of the aviation community has been of immeasurable value to the government in fulfilling its responsibilities in the field of aviation safety."

These words, from the Federal Aviation Administration, cited Captain I. E. (Gus) Sommermeyer '31BAeroE for his distinguished service at his retirement banquet in November 1969.

More than 500 people turned out to honor a man who counts people, loyalty and integrity as the most important factors in his life, on the occasion of his retirement from United Air Lines.

The native Minnesotan's first major was in the School of Mines on the University campus, but he switched to Aeronautical Engineering in his senior year when that major field was added to the engineering curriculum. While attending the University Gus supplemented his income by working at the Wold Chamberlain Field, though he claims that his interest in flying came in his early years, in about the fifth grade.

Gus soloed in his junior year in college at the Great Lakes Naval Air Station, Illinois, and continued his flying training at the Naval Air Station, Pensacola, Florida, where he was commissioned as a Navy pilot. During a year's active duty with the Fleet, Gus equalled the Navy High Altitude bombing record: "... all of 10,000 feet, and climbing to that altitude was the toughest part," he says.

Following his service in the Naval Air Force, Gus became associated as a co-pilot with the United Airlines, and served this



company for 36 years, according to Roy H. Olson '23EE, a friend and admirer of Gus' aviation accomplishments. Gus was promoted to Captain in 1934.

He had a three and one-half year leave of absence from United during WWII, and after his return he was named general manager of flight operations in 1951. United had quickly recognized Gus' management talents, and he consistently moved up the management ladder. In 1958 he became an officer of the company, vice president-flying, and later vice president of flight operations, the position he held until his retirement.

At the November banquet, the president of United Air Lines presented Gus with a miniature model of the DC-8-62 which he recently captained on its pre-inaugural non-stop flight from New York to Honolulu, and the president advised Gus that one of the United Air Lines planes would bear the name "I. E. Gus Sommermeyer".

The United Air Lines president was outspoken in his praise of the outstanding service which Gus had rendered the company — and so are his friends, for his skill, technical knowledge and determination.

honored. Carnes has been general manager of the largest livestock marketing agency in the world since 1930.

'34

C. L. Pan '34MS '35PhD, who has worked for the Food and Agriculture Organization (FAO) of the United Nations for the past 17 years developing high-yield cereals in the United Arab Republic, Tunisia, Korea and Iraq, received the B.R. Sen Award for 1968 from FAO. The award includes \$2,000 and a trip to Rome for the FAO 15th biennial conference in November 1970. A Chinese agronomist, Pan began working in the United Arab Republic in 1952 where he helped the country to increase its rice yield. He has held his current assignment since 1965.

Institute of Technology

'30

William H. Painter '30BEE has been named to the newly-created post of division vice president, business and economic planning, of RCA Electronic Components, Harrison, New Jersey. He will have the overall responsibility for coordination of business planning for all divisions of Electronic Components and for the exploration and analysis of growth opportunities on a worldwide basis, in addition to acting as liaison with corporate patent and licensing activities. Painter has been division vice president of Electronic Component's International Operations since 1967.

'37

Dr. E. C. Ritchell '37BChemE '41PhD, Winston-Salem, North Carolina, has been elected vice president for corporate development of the R. J. Reynolds Tobacco Company. A native of Minnesota, he joined Reynolds in October 1968 as director of corporate development. Previously he was with the Green Giant Corporation where he had been director of corporate development since 1963.

GOPHER TALES, continued . . .

testing the Vikings on using Memorial Stadium. They may have some interest once the remaining six years of their contract at Met Stadium is up.

Q — Do you have other stadium plans?

A — We want to provide as much service to our fans as possible. For example, we're considering having special lots available for tail-gate parties. We also have to offer better and closer parking to the stadium for our season ticket holders.

Q — How can the Athletic Department's financial strain be eased?

A — We need a tax break. We take our money and put it back into recreational and educational opportunities for young people. Also, we need to have our academic staff salaried out of University funds. Either people like basketball coach Bill Fitch are teachers and providing a real service or they are not. In this respect we should be handled like other departments.

Q — How far along is the Bierman Field Athletic expansion?

A — We hope to be in our new building, housing the intercollegiate staff, by February 1972. Sometime after that we'll have several football fields and a new fieldhouse.

Q — Do you have any regrets in hiring Bill Fitch as basketball coach two years ago?

A — I knew exactly what I was hiring and I am delighted. There may be some apathy at Minnesota, but there is also a lot of potential for getting people excited. Fitch has already proven how much can be and will be done.

COMMITTEES, continued . . .

marketing for Graco Inc., having been with the firm for 13 years. Previously with General Motors as a contract administrator and Sinclair Refining Company as a sales representative, Wally has long been active in community and civic affairs. For many years a firm supporter of Minnesota athletics, while at the University he earned four letters in basketball, in 1947, 1948, 1959 and 1950.

COMMITTEE ON RESERVE OFFICERS' TRAINING CORPS (ROTC)

This committee is charged with maintaining a liaison between the departments of military science, naval science and aerospace studies and the Twin Cities Assembly; with giving continuing consideration to the problems recommending policy relating to the University's ROTC program.

George O. Ludcke, Jr. '40BA, vice president and general manager in the Twin Cities office of Reach, McClinton & Company, national advertising agency, served as a lieutenant colonel in the U.S. Marine Corps from 1940-46. He is currently president of the Minneapolis Better Business Bureau and the Northwest Council of Advertising Agencies, a commissioner of the Hennepin County Park Reserve District, and a director of the Fort Snelling Park Association, Voyageur's Park Association and Big Brothers, Inc.

William T. Harris, Jr. '32BA, assistant director of the University of Minnesota's University Relations department, came to the campus originally in 1946 as director of the University News Service after nine years' experience in newspaper journalism. Discharged with the rank of lieutenant colonel from the Army that same year, after having served in WWII in counter-intelligence, as a provost marshal, public relations officer and director of administration and services, Harris stayed in the Army Reserve. He was commissioned a colonel of Army intelligence in 1956, and was called back into service during the 1961 Berlin crisis. During 1963-66 he served as a civil aide to the Secretary of the Army for the state of Minnesota.

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DEATHS

'06 **Leo H. Cooper** '06EE, Minneapolis, died December 23, 1969, at age 86 in Minneapolis. He was a sales representative for the Frank Adam Electric Company of St. Louis, Missouri, until his retirement in 1956.

Glenn H. Greaves '06BA, Palo Alto, California, died October 27 at age 84. The former board chairman and past president of the St. Anthony Park (Minnesota) Bank was an incorporator of the bank in 1916, an officer until 1965, and board chairman until January 1969. Nationally known as a flower grower, he had won many honors for his peonies and gladioli. Greaves was a member of the University track team and a 50-year member of the Tusler Lodge.

'08 **Municipal Judge B. J. Oyen** '08LLB, Montevideo, Minnesota, age 92, died January 8 from a heart attack. One of the oldest living graduates of Augsburg College and the University Law School, he had served as municipal judge in Montevideo since 1934. He had been a member of the Minnesota Bar Association, the Municipal Judges Association, Montevideo School and Library Boards, Odd Fellows Lodge No. 75 and a charter member of Our Savior's Lutheran Church.

'13 **Louis H. Roddis** '13MD, San Diego, California, age 83, retired Navy Medical Corps captain, author, editor and historian, died October 18 in a rest home.



Thrice editor of the *United States Navy Medical Bulletin*, and after World War II and until his retirement in 1950, editor of the official history of the Navy Medical Corps, Roddis had written several books

and articles on medical history and biography, and two books on the history of his home state, Minnesota. In 1943 he received the Sir Wellcome Prize and Medal in Military Medicine for his paper on the treatment of burns in war. Roddis returned from the Navy Medical Corps after 37 years of active duty afloat and ashore, including duty in both world wars; he served as medical officer of the gunboat *El Canio* on the Yangtze River and the China coast in 1915, executive officer of the Pearl Harbor Naval Hospital in 1937-39, commanding officer of the Naval Hospital Corps School, San Diego, 190-40, and commanding officer of the hospital ship *Relief* during several Pacific campaigns in WWII. During that war he also served in the Navy Bureau

of Medicine and Surgery. A specialist in tropical medicine, Roddis was never in private practice. The University awarded him its Outstanding Achievement Award in 1957.

'14 **Carl T. Nordstrom** '14BIndE, Minneapolis, died recently.

'16 **Dr. A. A. Litin** '16DDS, Minneapolis, died September 29, 1969. His wife wrote the Alumni News that Dr. Litin was highly honored to be a member of the Minnesota Alumni Association and always felt that he owed a debt of gratitude to the University for helping to finance his education.

Sydney M. Oleson '16BSPhm, Chippewa Falls, Minnesota, died April 30, 1969, at age 73 from an acute coronary. Oleson was active in his profession and University alumni interests until his retirement in 1960 when he sold his drug store in Chippewa Falls. He had also spent two and one-half years in the U.S. Army Medical Corps, serving at Camp Pike.

'19 **Dr. Thomas J. Kinsella** '19MD, Minneapolis, internationally recognized as a pioneer in thoracic surgery for non-tubercular conditions, died November 12, 1969, at age 74. A clinical professor of surgery at the University since 1943, Dr. Kinsella was a past president and secre-

tary of the Alumni Association of the Mayo Foundation, and past president of the Hennepin County Medical Society, Minneapolis Surgical Society and the Minneapolis Trudeau Society. A 1964 recipient of the Barnabas Bowl Award, he was on the consulting staff of St. Mary's Hospital, Minneapolis, at the time of his death. Dr. Kinsella is credited with more than 100 published articles in medical and scientific journals and with chapters in several books. His books, *Tumors of the Chest*, was published in 1963, and another, *A History of Thoracic Surgery*, he had completed a week before his death.

'20 **Merrill F. Woodruff** '20BSAg, Berkeley, California, died July 23, 1969. A native of Minneapolis, he was well known in business and marketing circles for his work as chief of the Domestic Trade Division of the San Francisco Field Office of the U.S. Department of Commerce. Woodruff had worked for many years for the California Packing Association and was a priority specialist with the War Production Board during WWII.

Dr. Nicholas A. Michels '20MSMed, Hatfield, Pennsylvania, professor emeritus of anatomy at Jefferson Medical College and a noted medical author, died October 20, 1969, at age 78. He had taught

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A will is a basic instrument of any estate planning. Without a will, the individual loses all control over the distribution of his estate. May we respectfully suggest that you keep in mind that your will is a useful and fitting vehicle for benefiting your Alma Mater. The desire to create and to be remembered as a benefactor to posterity is a natural and admirable human aspiration.

A bequest to the University of Minnesota Alumni Fund provides an unusual opportunity for investing in the future of this great institution and in the people whom it serves. There are countless opportunities for memorial bequests. For example, the idea of investing a gift in the Alumni Freshman Scholarship Program or research suggests living dividends that reach out to an entire people. For all such gifts, both the permanence and the integrity of the University stand as guarantees of careful planning and wisdom in their expenditures.

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at Jefferson 34 years, beginning in 1929 as an associate professor of anatomy and became a full professor in 1948. Previously he was an assistant professor of biology and histology at St. Louis Medical School and went from there to Creighton University Medical School where he taught histology and embryology for two years. Dr. Michels, who authored hundreds of technical papers and contributed to numerous medical journals, had received many citations and awards for his research and teaching.

'21 *Herman F. Davies* '21MEGeol, Oakland, California, retired Standard Oil Company of California executive, died December 6, 1969, at age 72. Davies joined Standard as a geologist in 1923, and in 1936 was named manager of the California Company, an oil exploration and producing subsidiary. After serving as a California company vice president in both Denver and New Orleans, he moved to San Francisco, where he became president and director of the California Exploration Company, another Standard subsidiary, in 1951 — a position he held until his retirement in 1962. In the 1920's and 30's he worked in the Rocky Mountains for Standard Oil and was directly responsible for the discovery of at least two fields. In 1960 the University awarded him their Outstanding Achievement Award.

Dr. L. J. Pankow '21MD, retired Sioux Falls, South Dakota physician and surgeon, died November 5, 1969, at age 72. He had practiced in Sioux Falls for more than 40 years prior to his retirement in 1965, and during that time filled every elective office in the South Dakota State Medical Association and the 7th District Medical Society. In 1960 he received the Distinguished Service Award of the state association in recognition of his many years of service to the medical profession.

E. W. Gaumnitz '21 BSAg, Edmonds, Washington, died October 23, 1969.

Dr. Solveig T. Gislason '21MD, Edina, Minnesota, physician and widow of the late District Judge Arni B. Gislason, died June 12, 1969, at age 78. She first practiced medicine in Marshall and New Ulm, Minnesota and resumed practice in 1957, following her husband's death, at the St. Peter State Hospital. Dr. Gislason retired in 1969.

'22 *Edward S. Bade* '22LLB, Minneapolis, a retired member of the University Law School faculty, died November 18, 1969, at age 76. A specialist in property law, Bade had retired in 1961 after 30 years of teaching. On his retirement he was presented a certificate of merit by the University Law School Alumni Association.

Olive Barrett Erickson '22BSEd, Eveleth, Minnesota, died July 26, 1969.

Nathaniel M. Mintz '22BSEE, Glencoe, Illinois, died suddenly of heart failure on September 28, 1969, at age 69. Mintz, who had retired in 1969, has been in business as an exclusive agent for heavy

electrical equipment in the Chicago area for over 35 years with N. M. Mintz & Associates. He had given many speeches on the application of power factor capacitors, and during the last 20 years had been the exclusive agent for Pennsylvania Transformer Company, now McGraw Edison.

'23 *Esther Moe Heimark* '23BSEd, Phoenix, Arizona, died January 9, 1970, at age 76. The Minneapolis native had moved to Phoenix ten years ago from Farmington, Minnesota, with her late husband, Dr. Julius Heimark.

'24 *C. Edward Howard* '24BBA, Excelsior, Minnesota, an investment banker, died July 5, 1969, at age 66. He was a directing partner in the firm of Piper, Jaffray and Hopwood. Active in the Investment Bankers Association, he was a past national governor of the organization and its Minnesota chairman. Howard was a trustee of St. Barnabas Hospital.

'25 *Ralph H. Dwan* '25LLB, Washington, D.C., died August 27, 1969, at age 68. The former chief counsel for the Bureau of Customs and assistant counsel for the Internal Revenue Service (IRS), joined the office of the chief counsel of the U.S. Treasury Department in 1936 and was appointed chief counsel of the Custom's Bureau in 1939, and assistant counsel with IRS in 1941. He retired from IRS in 1954 to enter private practice. Dwan taught law at Minnesota from 1926 to 1936, lectured part-time in law at Catholic University from 1942 until 1945, and at Georgetown University from 1961 until 1966. He was one of the largest shareholders of 3M as well as being a member of its board.

'26 *Dr. E. Covell Bayley* '26MD, former Lake City, Minnesota mayor and a practicing physician for 41 years, died December 21, 1969. He was mayor of Lake City for eight years, in the late 1950's and early 1960's, and a veteran of WWI. A member of the Blue Shield board of directors for 20 years. Dr. Bayley was on the board of the Lake City Federal Savings and Loan Association, past master of the Lake City Masonic Lodge, and a member of the Shrine and Scottish Rite.

Dr. Bernard O. Blomgren '26DDS, Chicago, Illinois, died November 7, 1969, at age 66. He was a former director of the North Side Federal Savings and Loan Association.

'28 *Lucille Swensen Gates* '28BSEd, Janesville, Wisconsin, died recently at age 63. She taught high school classes in North Dakota, Montana and Northfield, Minnesota, prior to her marriage. Mrs. Gates had lived in Janesville since 1947 and was associated with her husband in the Gates Lumber Company.

'29 *Dr. S. R. Winston* '29PhD, a member of the faculty of the department of sociology and anthropology at North Carolina State University, Raleigh, died June 13, 1969.

'30 *Harold S. Wang* '30BEE, Chicago, Illinois, died of cancer on July 24, 1969,

at age 62. At the time of his death he worked as an engineer for the Illinois Bell Telephone Company in cost and depreciation studies.

Manley H. Frisch '30JD, St. Paul, died December 29, 1955, at age 52. Frisch was a practicing attorney with the St. Paul firm of Nilva and Frisch.

Andrew A. D. Rahr, Jr. '30 BSB passed away suddenly in Tokyo at the age of 59 recently.

'31 *Edward S. Loye* '31MSEE, Minneapolis, an associate professor in the school of mathematics at the University, died April 27, 1969, at age 59. With the University faculty since 1931, Loye also held degrees of bachelor of electrical engineering, bachelor of science in education and doctor of philosophy in educational administration from the University.

'32 *Joseph A. Nowotny* '32BSEd, Falcon Heights, Minnesota, an associate professor of physical education at the University, died June 22, 1969, at age 61. He had coached the University's school of agriculture basketball team and was a director of physical education and intramural sports on the St. Paul campus. Nowotny had taught and coached at Alden and Marshall high schools before joining the University faculty in 1943.

Dr. Earl J. Boehme '32MD, a well known Santa Monica Bay Area (California) physician and surgeon, died of an apparent heart attack December 29, 1969, while serving aboard the hospital ship *Hope* anchored off the coast of Tunis in Tunisia, Africa. A practicing surgeon in the Santa Monica Bay area for 21 years, he was 60 years old at his death. A staff member of the Santa Monica Hospital and professor of surgery at Loma Linda University, Los Angeles, he had been aboard *Hope* since November 13. It was Dr. Boehme's fourth consecutive year of service on the ship.

'33 *Glenn H. Swanstrom* '33BCE, St. Paul, died August 18, 1969, at age 60. The lifelong St. Paul resident and veteran of WWII had been self-employed since 1953 in real estate investments. Prior to that he had been an engineer for the City of St. Paul and with the Army Corps of Engineers.

'38 *Dr. Otis W. Bennett* '38DDS, Woodland, California, died recently at age 57. The prominent dentist had been an outstanding athlete at Woodland high school and Sacramento junior college. He served in the Army Dental Corps during WWII.

Elsie Lombard, wife of the retired head of University Concerts and Lectures James Lombard, died January 3 in University Hospitals where she had been since mid-December. Memorials to the University of Minnesota Memorial Fund are suggested.

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