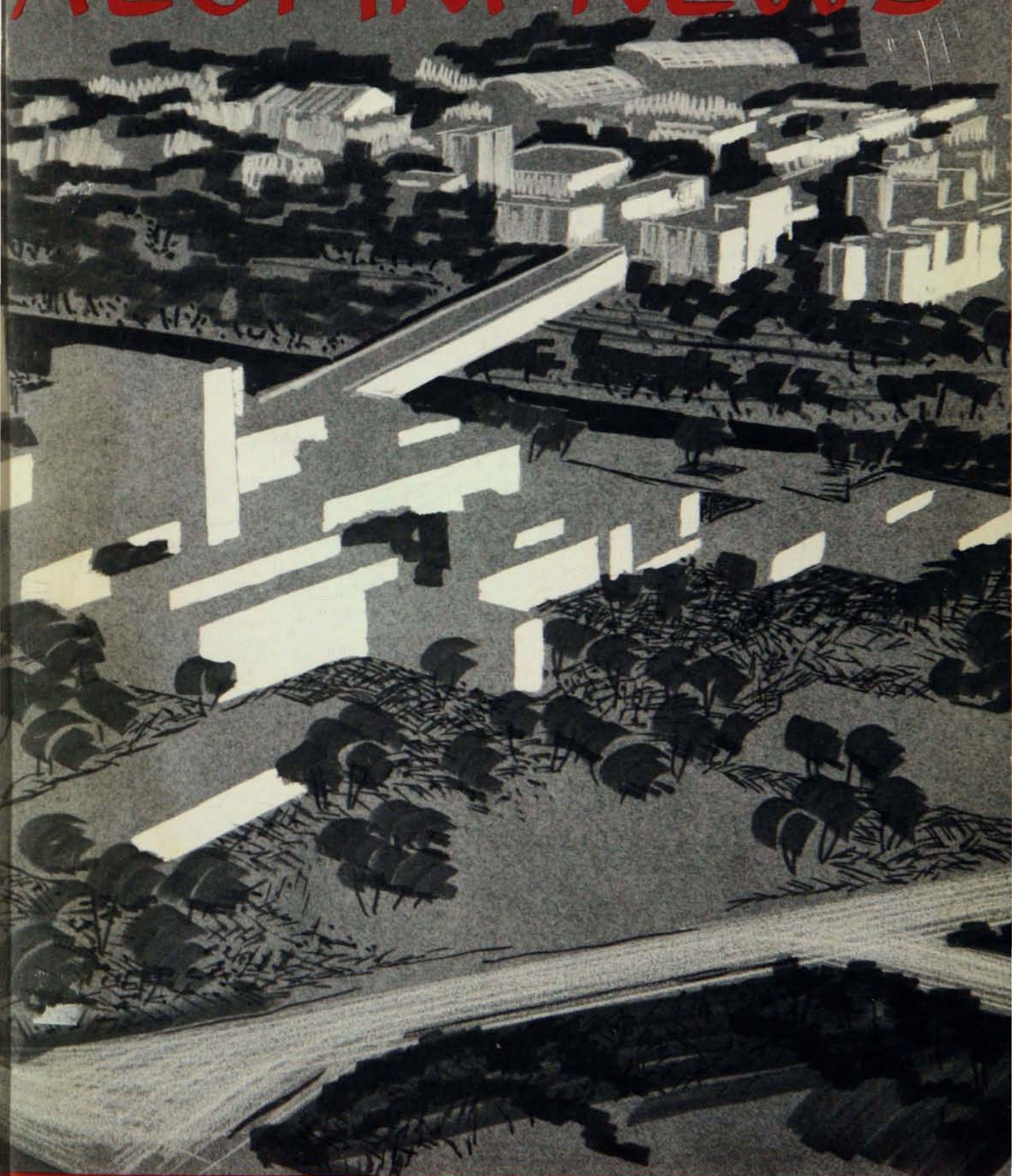


THE UNIVERSITY OF MINNESOTA

OCTOBER 1959

# ALUMNI NEWS



A LOOK INTO THE FUTURE *story on page 18*

# UNIVERSITY OF MINNESOTA

## ALUMNI NEWS

(Our 59th Year)

Continuing the Minnesota Alumni Weekly which was established in 1901, the Minnesota Alumni Voice and the Gopher Grad. Published monthly from October through June by the Minnesota Alumni Association, 205 Coffman Union, University of Minnesota, Minneapolis 14. Member of the American Alumni Council.

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## Cover Story

The University of Minnesota, 1970, might well be the title of this month's cover picture. This architect's conception of the proposed West River Campus, from the office of Advisory Architect Winston Close '27SArch, shows the actual proposed building locations in their relationship to the present Minneapolis Campus. Action by the Minnesota state legislature this summer gave the "go-ahead" signal to University planners and University officials now can proceed with construction of the buildings. Standing out in this drawing are the two office towers - business administration to the left of the picture, and SLA in the foreground, as well as the bridge connecting the old and new campuses. For further details of the new campus, turn to page 18.



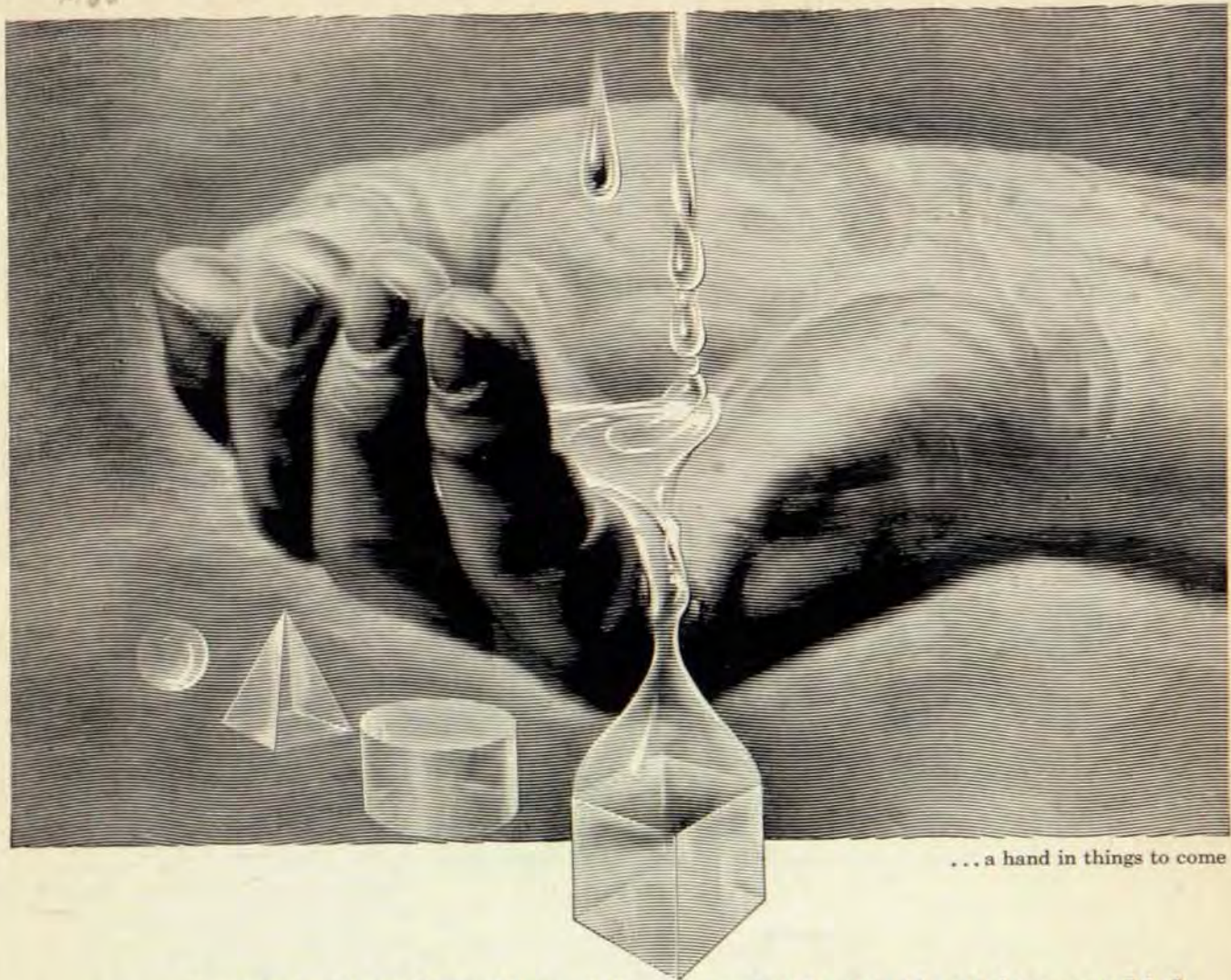
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... a hand in things to come

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# Economy Axe Slashes Hard

## University Tightens Money Belt

Minnesota legislators, summoning to the fore "their last full measure of devotion" after a record-breaking 49-day extra legislative session, managed to summon enough strength to lower the boom on University finances for the 1959-61 biennium.

The economy axe, which had hung poised over the University and most other state supported units for months, was driven right

through the heart, wielded by an economy-conscious and tax-troubled Minnesota legislature.

University President J. L. Morrill, speaking at a Regents' meeting at Duluth in June, said that the attention given by the Minnesota legislature to the needs of higher education had been "seriously hampered by the financial and tax troubles of the state."

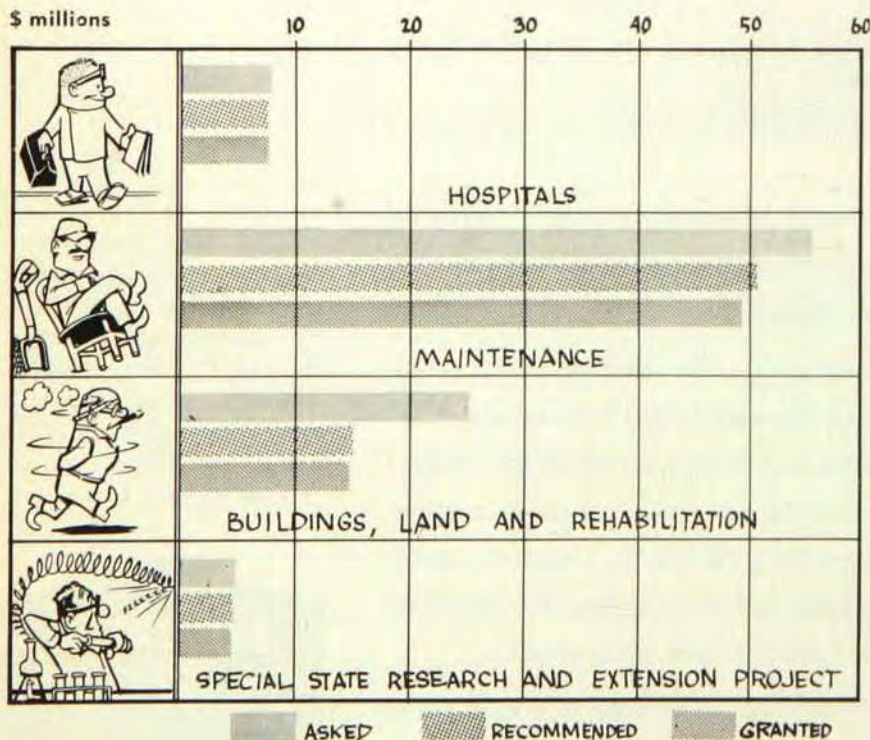
He added that the legislature "has not found it possible, because of restricted public economy, to meet the Regents' request for funds," and called for a re-appraisal of needs of higher education by the public and legislature during the 1961 legislative session.

"It is no accident that America leads the world in inventiveness, in intelligence, in technological skill and productivity, in social welfare and national strength. These are the rewards of free enterprise and the trained mind.

"It is no accident, either, that Russia is gaining on us. The Soviet Union has decided to pour its resources into schols, universities and technical institutes."

Two of the four major University requests — they are general maintenance; University hospitals; special state research and extension projects; buildings, land and rehabilitation — suffered serious setbacks.

The total general maintenance appropriation granted the University for the next two years is \$49,-



068,181 (\$23,665,555 for 1959-60 and \$25,402,626 for 1960-61). Despite the fact that this is an increase of \$3,643,741 over the total appropriation for the 1957-59 biennium, it still is \$5,917,015 less than the maintenance request made by the Regents and will cover only a portion of the total cost.

The 1959-60 figure includes an original \$23,500,000 plus \$165,555 for Civil Service merit increases effective Jan. 1, 1960. The latter figure was released too late to be shown in the proposed 1959-60 budget.

The \$23,500,000 appropriated for 1959-60 was the basis for the proposed budget presented by President Morrill to the Regents for their approval.

This total represents an increase of \$415,979 over the 1958-59 printed budget. In addition, the proposed 1959-60 budget anticipates an increased income of \$1,423,210 from increased tuition and other sources. Thus, the total increase over the 1958-59 budget is \$1,839,189.

Against this increase, however, the 1959-60 budget requires allocations of \$2,482,461. The University must meet the difference between these two figures during the current academic year through internal adjustments.

The required allotments include inescapable commitments for which the appropriation does not contain funds.

The University begins its new academic year with a \$412,254 deficiency in its 1958-59 budget. This



**THE COLLEGE OF VETERINARY** Medicine faces a tight squeeze due to failure of the Interim Commission on buildings to recommend \$550,000 for an additional two floors on the basic veterinary medicine science building.

deficiency resulted from the University's contributions to Social Security and State Employees Retirement Association funds, plus the funds used for the cost-of-living adjustment granted Civil Service staff members on July 1, 1958.

Because appropriations in neither the 1957 nor 1959 sessions included the funds necessary to meet these

costs, they were met by the University itself through internal budget adjustments.

Of the total University request for buildings, land and rehabilitation — some \$24,707,431 — the legislature appropriated \$14,457,150.

Of this, \$7,114,000 was approved for west campus expansion. This is the major portion of the \$10,261,000 granted for the Minneapolis campus. The remainder will be used for additions and rehabilitation of existing buildings.

Two buildings on the St. Paul campus received "thumbs down" verdicts. The Interim Commission on Buildings failed to recommend \$550,000 for an additional two floors on the basic veterinary medicine science building and Gov. Orville L. Freeman '46LLB vetoed a \$200,000 item in the legislative building bill for construction of a forest products laboratory on the St. Paul campus. Iron range legis-



A \$200,000 forest products laboratory met a similar fate when Gov. Freeman vetoed it the last day of the session.



# Go West, Young Man!



lators, led by Rep. Fred Cina, '30LLB objected because half of the money for the laboratory, \$100,000, was to come from funds of the Iron Range Resources and Rehabilitation Commission.

## Forces Tuition Increase

The cut of almost \$6 million from the general maintenance request has mandated an across-the-board tuition increase of \$15 per quarter for residents and \$5 per quarter for non-residents. However, the net increase for non-residents will be the same since a \$10 across-the-board increase for them effective in 1959-60 was approved by the Regents in October, 1958.

The typical resident paid \$56 tuition per quarter during the last academic year. The new rate for most students will be \$71 per quarter (plus a \$17 incidental fee).

In addition, small fee increases were made in various departments, colleges and divisions and the matriculation deposit for students in all colleges on the Minneapolis and St. Paul campuses was increased to \$5.

Both houses mandated the \$15 increase which will bring the University an estimated \$1,393,000. This is based on an expected en-

rollment of 28,150. However, President Morrill expressed fear that because of the tuition hike, enrollment might fall below this figure. He commented only briefly on the new rates and indicated that they were the result of the financial difficulties of the state legislature.

Also as a direct result of the legislature's action, the University will be forced to cut the faculty and civil service staff by approximately 2 per cent. These cuts are necessary to permit salary increases the Regents have given first priority.

## Payroll Increase Reduced

The University planned to add 157 new faculty positions and increase faculty salaries 15 per cent. It was intended to raise total faculty payroll by 10 per cent for the 1959-60 academic year and an additional 5 per cent in 1960-61. This has been reduced to 8 and 6 per cent respectively. Non-academic staff salaries already have been raised by 4 per cent to match the increase granted other state civil service employees.

The University also will have to cut back heavily on physical plant maintenance and purchase of equipment and supplies. The budget situation already has forced

the medical school to cancel plans to accept 10 more students, or an entering class of 150, this fall.

## Other Requests Fare Better

Two other University requests — for University hospitals and special state research and extension projects — fared much better with the legislators. Of \$4,392,856 requested for the special projects, the legislature granted slightly more than \$4 million.

University hospitals, which asked for \$8,894,838, received a total of \$8,879,748. The governor had recommended \$8,729,482. The state's share in general hospital maintenance will be \$3,160,479 for the biennium with an equal share to come from the counties. Regents had requested \$3,158,092.

The University went through a major financial reorganization in 1951 when more than 300 faculty and civil service positions were abolished after the 1951 legislature's allocation fell short of the University request. Further reorganization took place in 1952, second year of that biennium.

Correspondingly, it is possible that additional reorganization may be necessary in 1960-61, second year of the coming biennium.

# Is the Low-Tuition Principle Outmoded?

*A denunciation of  
the view that only  
higher tuition and  
student loans can  
solve the financial  
problems of  
higher education*

by  
Eldon L. Johnson

America has always been full of paradoxes. American education is no exception. Now that we have built a nation, a government, an economy, and a culture on equality of opportunity, some among us yearn to abandon the means by which we arrived.

We are arguing some of the fundamentals of public education all over again, particularly as applied to higher education. While some are trying to bring racial barriers down, others are trying to put economic barriers up. While we attribute Soviet successes to the quantity and quality of freely available education, some of us conclude that education fit for the challenge must not only be hard but hard to get.

What sometimes seems to be a full-scale campaign is now aimed at discrediting the conventional means of financing public higher education — low tuition, or indeed no tuition at all, with public appropriations to assure both acceptable quality and accessible opportunity. To those of us in public higher education these attacks are at worst ill-conceived schemes for making somebody else better by making us worse and at best a serious threat to freely available educational opportunity for all young people regardless of economic means.

Every individual has a stake in his own education, but society has a stake in everybody's education. Both interests must be served, partly privately and partly publicly. What is good for one institution with its special and even exemplary objectives, is not necessarily what is good for general application to all institutions, all youth and all society. Society gains not only from institutions with fixed public obligations but also from institutions which are selective, which combine high cost with high quality, and which are restrictive in purpose.

The contention here is that in a democratic society with diverse institutions, the generally accepted social ideals will not be fully met without the preservation of low-cost public education. The shocking thing is not that somebody will defend this principle, but that anybody needs to.

The low-tuition principle is not outmoded in the sense of having failed. Its purpose has been that of giving educational opportunity to all according to their talents and in step with the needs of society. Like all ideals, this one has not been fully realized, but its approximation has yielded both opportunities and socially significant results which no other country can equal.

Whoever contends the low-tuition principle is outmoded is taking on a heavy burden of proof if he holds its historical results have been bad, or that it would have been better not to educate so many on such favorable economic terms. Surely no one who looks at the relation between low-tuition opportunities and the rising proportion of youth who became college educated, or at the tremendous contribution of low-tuition education to the nation's supply of scholars and specialists, even through the PhD level, can think the principle has failed.

## Conviction,

### Not Money,

### Lacking

The low-tuition principle is not outmoded by the discovery of any alternative which will widen rather than restrict educational opportunity. The alternatives suggested are more concerned with who pays the bill than with what the bill is for, not whether more or less and not whether public welfare or private gain.

The objective is far more likely to be institutional aid than student opportunity. The net effect on the supply of trained intelligence for the nation is almost never explored, but the result can be surmised when one considers that the economic elite will pay the full costs, the intellectual elite will earn scholarships, and the educable masses, seeking loans, will be indentured for many years. How this is to open new educational vistas either for society or the individual is obscure.

*The author, Eldon L. Johnson, is president of the University of New Hampshire and former dean of the college of liberal arts and graduate school at the University of Oregon. This article is a condensation of one appearing in the spring edition of the College Board Review.*

The existing low-tuition principle already provides, as President James L. Morrill of the University of Minnesota has pointed out, "the most generous scholarship-assistance program of any nation in the world."

*All that can be said for the high-tuition principle for those institutions publicly responsible for broadening and equalizing educational opportunity is that it will raise money. Except as a substitute for support from the public which imposed the social obligation, nothing*



*can be said for high tuition. There is no philosophical defense, whatever the practical economic temptations.*

The low-tuition principle is not outmoded by some new means test which allegedly will do more for society. This scheme is indeed splendid for some institutions in a pluralistic society, but it would be much less than that kind of society if all public institutions adopted it too.

The low-tuition principle is not outmoded by the much-publicized system proposed by Seymour E. Harris, professor of political economy at Harvard University—the system of education installment buying, "learn now, pay later," with its appalling consequences.

Education is treated as a consumer commodity which everybody steps to the counter to buy according to his means. Each gets education for what education gets him! A new kind of indentured service is established in which the poor pay for 20 years (or indeed 40) while

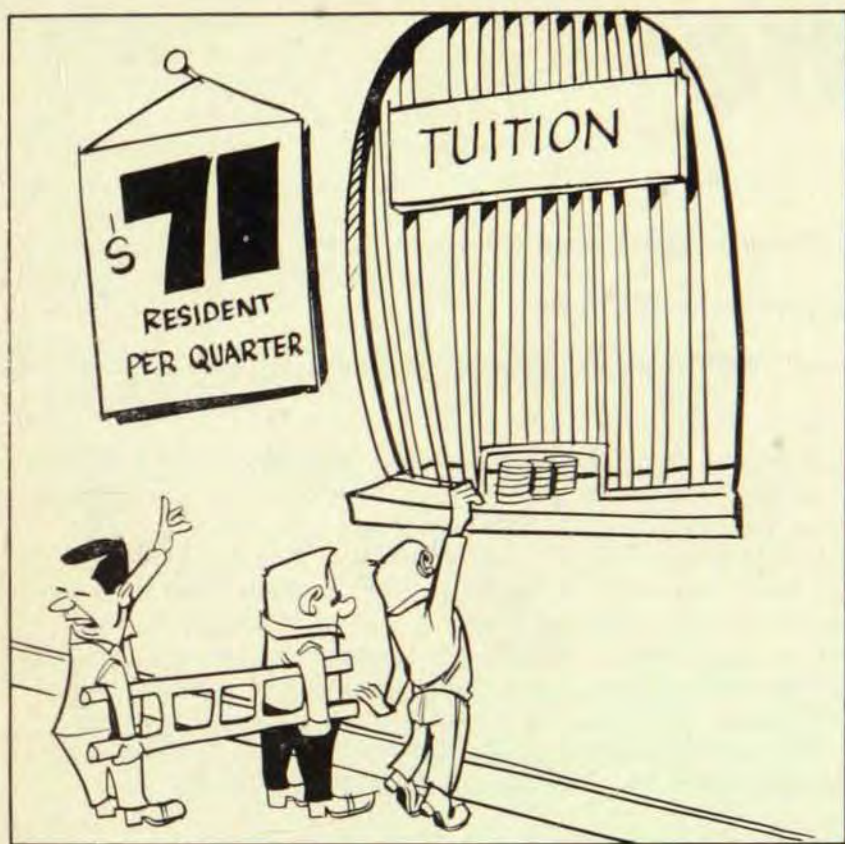
the better-off start life debt-free.

The process which acts to distinguish man from the beasts is reduced to the terms of the market place. Whoever can pay the investment in his own future will have a future. Whoever can't will be offered a mortgaged future. Whoever won't, society doesn't care.

The low-tuition principle is not outmoded by public inability to bear the burden although this is usually taken for granted, without examination. As implied above, unless such inability can be shown, the case for high tuition is lost because its sole purpose is to raise money. To assume that the richest nation in the world cannot pay its public education bills takes a dim view of public intelligence and public sacrifice as compared with our Communist competitors and also gives education an indefensibly low priority for public support.

Taxes are a very ancient device. They are hardly outmoded. Only by assuming that they are outmoded or that they are inherently





regressive can anyone get an emotional charge, as he is supposed to, out of Professor Harris' statement that the poor man is paying for the education of the rich boy. *The problem is not lack of dollars but lack of conviction.* Whoever undermines the conviction takes money from all education, and through all sources.

The low-tuition principle is not outmoded by any diminution of the public's stake in public education. Low tuition is predicated on society's gains as well as the individual's. To get more specialized manpower, to say nothing of thinking citizens, are we to put turnstiles on the classrooms?

Economic studies show that education does not get priced anywhere by the normal economic laws; charges are not based on costs. Why is this? It is in large part social, like national security. There can be no escaping the fact that some significant part of it is in the public domain. How else do high-tuition advocates now justify their

usual concession that no student, even if his father could *buy* the college, should pay the full costs of his education? It is tacitly recognized that somebody else must pay because somebody else benefits.

Endowment income is accepted as a subsidy, as is some public appropriation. The mystery is why an increase in endowment is good but an increase in appropriation is bad.

The folly of turning our backs on the public's stake in education for some self-serving, capacity-to-pay principle is shown in current developments in graduate education. Here is surely where the student can pay his way, and ought to if he is ever to do so. But here is also precisely where public subsidies are being heaped on, as in the new National Defense Education Act (and, incidentally, without any outcry from outraged institutional beneficiaries). Why? Because society so desperately needs this kind of manpower. Society needs it; society will pay for it.

In summary, *the low-tuition principle is outmoded only for persons who have never been able to embrace the equalitarian ideals and social gains of public higher education.* Next to the teacher shortage, the greatest danger to the quality of education in the publicly supported college or university is the effort to combine a democratic devotion to numbers with an economic determination of quality. This meets the standard of "most" but not the standard of "best."

So, unfortunately, a minor but exasperating task for the public educator nowadays is defending his institution against those who would remake it in the image of their own experience. That such a change is in the interest of American youth as a whole has by no means been proved. Would they have broader opportunity? Would they have fewer obstacles to the development of their talents? Would their accident of parentage and economic status mean less rather than more? Would society have more trained intelligence and specialized manpower? The answers are disturbingly clear.

Fortunately for the nation, some institutions can meet their responsibilities without low tuition, and some can stick to superb quality whatever the tuition. Others, charged with inescapable public obligations under a particular level of public support, must strike a workable balance between the desire to push quality up and to keep tuition down, with ready student access to educational opportunities as the determining factor. Many gradations fall in between. *Those educators who are vaguely of the impression that the abandonment of low tuition would somehow solve their problems should stop to ask whether it would also solve society's problem.*

If we really believe what we keep saying, that America is stronger because of its diversity of collegiate institutions, some publicly supported and some privately endowed, some operated on low tuition and some not, then why not stop trying to make them alike?

# Memo

TO                               Members of The Minnesota Alumni Association

FROM                             Executive Secretary

SUBJECT                         Some Items for Your Personal Consideration

No doubt, you have already noted the new name and cover format of the magazine. A year ago an Editorial Advisory Committee, composed of the top names in the publishing business, was appointed to help make the alumni magazine a better one. One of their unanimous recommendations was that the name of the magazine be changed as well as the cover format. The Association Board approved the report of the Advisory Committee, including the change in name and cover format. Thus, the new name—The Alumni News. The title of the alumni magazine, established in 1901, has been successively Minnesota Alumni Weekly 1901-43; The Minnesota Alumnus 1943-49; Minnesota Voice of the Alumni 1949-55; and The Gopher Grad 1955-59.

Along with a new name comes a new editor—Joe Davidson, replacing Juanita Opstein who resigned. Joe comes to us with fine experience in newspaper work—so, you can be assured of the same quality magazine you have been receiving.

The 1959 Legislature finally, after ten weeks of special session, granted the University for its general maintenance budget a total of \$49,068,181 for the next two years (\$23,665,555 for 1959-60 and \$25,402,626 for 1960-61). This is \$5,917,015 less than the maintenance figure requested by the Regents but it does represent a \$3,634,741 increase over the past two years. While it is true that the Legislature did grant the University 49 million dollars—and no one will deny that is a lot of money—yet, it does mean a serious cut back to the University because of inescapable commitments for which the appropriations contain no funds—\$643,272 worth, to be exact. It means the University must absorb this amount through internal adjustments.

What does this mean? First, a reduction in goods and services furnished by the University because of no funds to meet rising costs; second, an actual payroll cut back of about 2 percent. This will most seriously affect teaching and research assistant positions as well as part time job opportunities for students; third, a reduction in repairs and Physical Plant maintenance; fourth, a \$15.00 per quarter raise in tuition, meaning a lessening of the education opportunity for those who have to work to get a college education (a large majority of students on Campus).

There is a brighter side to the picture: the West River Campus is now a reality. The Legislature appropriated \$7,114,000 for three buildings on the land the University had purchased and cleared with funds granted by the 1957 Legislature. A pictorial presentation of the kind of buildings and how the West River Campus will look is carried in this issue of the Alumni News. This is probably the most important single step taken within recent years and will assure for all times the orderly growth and development of our great University.



The search for the successor of President J. L. Morrill is under way. The Regents Selection Committee faces a complex and difficult task. They have asked the help of both faculty and alumni. The hope expressed by many is that the best man possible to be found anywhere is what is needed—and that the selection should be made and announced as soon as possible, long before July 1, 1960.

Finally, a word about a fine event coming soon, which all Minnesota alumni can enjoy. The Third Annual Southwest Alumni Reunion will be held at Camelback Inn, Phoenix, Arizona, January 7-8-9-10, 1960. The reunion, open to all alumni and former students of the University of Minnesota, is sponsored by the Valley of the Sun Alumni Club of Phoenix, Arizona. The prices are special to us—\$14.00 per day, per person, American plan. Camelback Inn is famous for its hospitality; the service is perfect; the accommodations meet every expectation; the food is a gourmet's delight. The program begins with a reception and get-acquainted dinner on January 7, followed by an alumni banquet on Friday night, January 8, at which time alumni from the whole Southwest attend; and a dinner-dance Saturday night, January 9. Last year 53 alumni stayed at the Inn—this year 100 are expected.

So, talk to your friends and classmates, get a group together and plan to attend this fabulous reunion at world famous Camelback Inn. Make this your vacation—it's an opportunity you cannot miss. The price is right. Reservations are now being accepted—so, write to me that you are coming.

Sincerely,

*Ed Havel*



**BROOKS BROTHERS TO VISIT  
THIRTY-THREE CITIES THIS FALL**

Our Travelling Representatives will display our Suits, priced from \$85; Sport Jackets, from \$60; and Furnishings... as specified below. We invite you to come in and place your orders during these visits.

<b>Albany</b> — <i>Sheraton-Ten Eyck</i> Nov. 17, 18	<b>Kansas City (Kansas)</b> — <i>Town House</i> Oct. 22, 23
<b>Atlanta</b> — <i>Dinkler-Plaza</i> Nov. 9, 10, 11	<b>Louisville</b> — <i>Brown Hotel</i> Oct. 8, 9, 10
<b>Baltimore</b> — <i>Southern Hotel</i> Oct. 26, 27	<b>Memphis</b> — <i>Hotel Peabody</i> Oct. 5, 6
<b>Birmingham</b> — <i>Dinkler-Turwiler</i> Nov. 12, 13, 14	<b>Minneapolis</b> — <i>Radisson Hotel</i> Oct. 24, 26; Nov. 30; Dec. 1
<b>Buffalo</b> — <i>Hotel Statler</i> Oct. 13, 14; Nov. 10, 11	<b>New Orleans</b> — <i>Roosevelt Hotel</i> Nov. 16, 17, 18
<b>Charlotte</b> — <i>Hotel Charlotte</i> Nov. 5, 6	<b>Omaha</b> — <i>Sheraton-Fontenelle</i> Nov. 27, 28
<b>Cincinnati</b> — <i>Netherland-Hilton</i> Oct. 12, 13, 14; Nov. 11, 12, 13	<b>Philadelphia</b> — <i>Belleue-Stratford</i> Oct. 22, 23, 24
<b>Cleveland</b> — <i>Hotel Statler</i> Oct. 9, 10, 12; Nov. 6, 7, 9	<b>Pittsburgh</b> — <i>Penn-Sheraton</i> Sept. 29, 30; Oct. 1, 2, 27, 28, 29
<b>Columbus</b> — <i>Deshler-Hilton</i> Oct. 7, 8; Nov. 9, 10	<b>Richmond</b> — <i>Jefferson Hotel</i> Nov. 2, 3
<b>Dallas</b> — <i>Adolphus Hotel</i> Oct. 1, 2, 3	<b>Rochester</b> — <i>Hotel Sheraton</i> Oct. 15, 16; Nov. 12, 13
<b>Dayton</b> — <i>Van Cleve Hotel</i> Oct. 9, 10; Nov. 6, 7	<b>San Antonio</b> — <i>Gunter Hotel</i> Sept. 28, 29
<b>Denver</b> — <i>Brown Palace</i> Oct. 19, 20, 21	<b>St. Louis</b> — <i>Hotel Statler</i> Oct. 15, 16, 17; Nov. 14, 16, 17
<b>Detroit</b> — <i>Sheraton-Cadillac</i> Oct. 3, 5, 6, 30, 31; Nov. 2, 3	<b>Syracuse</b> — <i>Hotel Syracuse</i> Nov. 14, 16
<b>Hartford</b> — <i>Hotel Statler</i> Oct. 19, 20	<b>Toledo</b> — <i>Commodore Perry</i> Oct. 7, 8; Nov. 4, 5
<b>Houston</b> — <i>Rice Hotel</i> Nov. 19, 20, 21	<b>Tulsa</b> — <i>The Mayo</i> Nov. 18, 19
<b>Indianapolis</b> — <i>Sheraton-Lincoln</i> Sept. 28, 29	<b>Washington, D.C.</b> — <i>Hotel Statler</i> Oct. 28, 29, 30

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*The Real*  
**Mac Guf**

by Robert Provost  
Director, Greater University Fund

Establishment of the Minnesota Alumni Club of Northern California Trust Foundation (see page 28) represents an important organizational break-through by an Alumni Club. Minnesota Alumni in Northern California and the Directors of the Trust Foundation are to be complimented for their interest and vision in establishing this new means of assisting the University of Minnesota.

What does the Foundation mean to the University of Minnesota? It means our Alumni have assumed increased local responsibility to provide gift assistance to the University.

What does the Trust Foundation mean to Minnesota Alumni living in Northern California? It means that you have established a two way street relationship with your University. On one side you have created the opportunity to be identified with the successful accomplishment of objectives at the University as selected by your Board of Directors. On the other side you will have new attention and appreciation from the University, its faculty and staff, administration and students.

Are there any special benefits in the Trust Foundation for Minnesota Alumni of Northern California? Yes, there is a direct and local opportunity to participate in valuable tax benefits that may be obtained through the purchase of life income, fixed income, or annuity contracts from the Trust Foundation. (For further information contact Walter Blumst, Secretary-Treasurer of the Trust Foundation, 245 Market st., San Francisco 6, Calif.) How is the Trust Foundation related to the Greater University Fund? The Greater University Fund will include all alumni contributors to the Trust Foundation (by name only) in its annual report.

*Only time will tell if . . .*



Captain Mike Wright has his work cut out for him with this year's sophomore-laden grid squad.

Chances of Minnesota's moving up a little in the Big Ten ranks this season just might depend on a handful of boys who have never played a minute of a varsity game.

Even though veterans are moderately sprinkled throughout the lineup, it seems that the real impetus — if there is to be one — must come from somewhere else. After all, returnees from the 1958 squad replacing graduated regulars might provide only a status quo, or another 1-8 record.

That impetus would come from seven or eight sophomores, 19-year-old youths just two years off their high school football fields. If they fail or if they don't get a chance, then football at Minnesota could remain in its present situation for another year.

They probably will be given a chance. Coach Murray Warmath is a realist, too.

There are more than a dozen good sophomore prospects but, in

# Sophomores Hold the Secret

by

David Butwin

Minnesota Daily Sports Editor

particular, it would seem that Warmath needs help from fellows like Sanford Stevens, Steve Malnar, Tommy King, Judge Dickson, Jack Mulvena, Robin Teller, Bob Deegan and Tom Hall in order to do something about his 1958 record.

Because quarterback is the heart of his offense and because quarterback was a weak position in 1958, it follows that the newcomers, Stephens and Malnar, will be given every chance to prove themselves capable of running the Gophers.

Junior letterman Larry Johnson can pass, but his running ability is just adequate. That's where the sophomores, particularly Stephens, may help. As a passer Stephens can probably match Johnson, but as a runner he is clearly in a class himself. The youth from Uniontown, Pa., can outrun anyone on the varsity, in a straightaway or broken field.

If Stephens can't do the job, Warmath can call on Malnar, but Johnson is and probably will remain his No. 2 quarterback, if not No. 1.

Next to quarterback, guard is probably the one position where sophomores must produce. Regulars Tom Brown and Jerry Shetler could start for any team but they need rest occasionally and may not get it unless Mulvena and Teller progress. Mulvena, a sturdy 205-pounder with quick reflexes, may

eventually be great, and right now he may be good enough to hold his own in the Big Ten.

Minnesota may have two experienced halfbacks in Bill Kauth and Arlie Bomstad, but reserves are needed so nobody has to play 60 minutes per game the way Bob Soltis was doing for a while last year.

Enter Dickson and King. Dickson, from Clairton, Pa., is behind Bomstad and only lack of polish may keep him there. For raw talent, Dickson has few peers on the team. He hits like a fullback and has enough speed for a halfback. King is much the same, only faster. Beating out Kauth is a big task, but King seems certain to play.

End seems to be a well-fortified position, partly because of two more sophomores, Deegan and Hall. A servile redshirt last year, Deegan now has taken over a regular post.

Hall is a natural receiver, probably more so than Deegan, and should play a lot this year.

There are other sophomores too, boys like Neil Bengtson, Dave Mulholland, Jim Olsonoski and Tom Wagner, and it might be that they can help in 1959 or the two years following. But now is the hour for Stephens, Malnar, King, Dickson, Mulvena, Teller, Deegan and Hall.

Murray Warmath knows that. He, least of all, wants a status quo.

## 'Spirited' Homecoming Week Planned

by Doug Sinclair

The Golden Gophers' attempt to "Haunt the House that Vanderbilt" on Saturday, Oct. 31, will be the highlight of the "spirited" week of Homecoming activity beginning Oct. 26.

Homecoming Chairman Dick Stanford and his committees have slated a week-long salute to returning alumni.

The kickoff will be Monday, Oct. 26, with the crowning of the 1959 Homecoming Queen by the Alumni King at the Coronation Ball in the Union main ballroom.

The Queen and coeds will be honored on Tuesday, Oct. 27, with the Queen's coffee hour and a fashion show in Coffman Memorial Union and Wednesday, Oct. 28, is Alumni Day featuring several special alumni programs.

On Thursday, Oct. 29, the two-night Varsity Show will have its opening performance in Northrop Auditorium.

Friday, Oct. 30, the colorful Homecoming parade will wind its way through the campus and downtown Minneapolis and campus decorations will be ready for display by noon.

Bernie Bierman, Gopher grid mentor from 1932 to 1950 will be honored Friday evening at a football reunion at the Pick-Nicollet Hotel starting at 5 p.m. with a social hour. Players of the Bierman era will gather to pay their respects and fete the "Grey Eagle" of Minnesota.

Ghostly shadows will be cast by the "spirited" who attend the pepfest and bonfire at 10:30 Friday, followed by a pep dance at the campus Armory.

No spirit should vanish before kickoff time Saturday when the Gophers will attempt to spook Vanderbilt. During halftime ceremonies the Alumni King and Homecoming Queen will be presented.

Immediately following the game the Fifth Annual Homecoming Coffee Hour for alumni will be held in the women's lounge on the second floor of Coffman Memorial Union.

The Homecoming Dance gets underway at 9 p.m. in the Union.

## Royalty Selections To Be Announced At Coronation Ball

Selection of the 1959 Alumni King will be made from the nominations of the various Minnesota Alumni Association clubs throughout the nation. Letters were sent to the clubs early last month.

The list of nominees will be reviewed by a committee headed by MAA ExSecy Ed Haislet and Dick Stanford, Homecoming general chairman.

The Homecoming Queen and Alumni King will be crowned at the Coronation Ball Monday, Oct. 26, in Coffman Memorial Union's Main Ballroom.

This year's alumni king will be the ninth selected. The king's coronation was started in 1951 when Vernal "Babe" LeVoir '36BSEd was selected for the honor.

Since then the royal scepter has been handed down to seven successors. Henry L. Williams Jr. '32MS, last year's king, will continue the custom this year.

Past royalty includes Herbert J. Benson '25BBA, 1952; Grant H. "Spike" Johnson '39BSEd '46MA, 1953; Theodore H. Rowell Sr. '25-28, 1954; Sheldon Beise '36BSEd, 1955; Marshall O. Crowley '28BusA, 1956; and Clifford C. Sommer '32BA, 1957.

### New Editor Assumes Duties

Beginning with the current issue, the University of Minnesota Alumni News (formerly the Gopher Grad) will be under the editorship of Joseph H. Davidson '56BA. A graduate of the University's school of journalism, he was associated with both daily and weekly newspapers before assuming his present position.

He was former sports editor and staff writer for the daily Monroe (Wisconsin) Evening Times and more recently served as managing editor of the Columbia Heights Record and the Fridley News, two suburban Minneapolis weekly newspapers.

A veteran of the Korean conflict at which time he served overseas with the 25th Infantry Division, he is married to the former Patricia Dix '48-49. They have two sons.

### Minnesota Football Schedule (1959-1960)

1959	1960
Oct. 3 - Indiana*	Sept. 24 - Nebraska
Oct. 10 - Northwestern	Oct. 1 - Indiana*
Oct. 17 - Illinois	Oct. 8 - Northwestern*
Oct. 24 - Michigan*	Oct. 15 - Illinois*
Oct. 31 - Vanderbilt*	Oct. 22 - Michigan
Homecoming	Oct. 29 - Kansas State*
Nov. 7 - Iowa	Nov. 5 - Iowa*
Nov. 14 - Purdue	Nov. 12 - Purdue*
Nov. 21 - Wisconsin*	Nov. 19 - Wisconsin
Dad's Day	
* Home Games	



**LOOKING ANYTHING BUT 'GHOSTLY' BUT MORE THAN** making up for it in 'spirit' is vivacious Jane Quale (pronounced Kwalee), as she pins the first Homecoming button on the coat of Dick Stanford, general chairman of the University's Homecoming celebration. Bill Haight, assistant general chairman, looks on at the right as he awaits his turn. "Haunt the House that Vanderbilt" is the theme this year and the week's festivities will be climaxed Saturday, Oct. 31, when the Golden Gophers go against the Commodores of Vanderbilt.

## Reunions to Honor Coaches

Gopher gridders of the Bernie Bierman era will hold a reunion Friday, Oct. 30, at the Pick-Nicollet honoring Minnesota's "Grey Eagle" who coached from 1932-1950.

The reunion, coordinated by the Minnesota Alumni Association, will be held on the eve of the Minnesota-Vanderbilt game, Minnesota's 40th annual homecoming.

Guests invited will include University President J. L. Morrill, former squad members, the press and radio-TV media active at that time, rooter kings, trainers, managers, equipment people, Bierman's and the present coaching staffs and administrators of athletics. A special effort will be made to see that all team captains, or their representatives, attend.

The reunion will consist of a

social hour from 5 to 7 p.m. followed by the dinner.

This will be the fourth annual football reunion for players of var-

ious coaching regimes. Last year Doc Williams (1900-1921) was honored and Doc Spears (1925-1929) was feted two years ago. Fritz Crisler (1930-1931) will be honored Thursday, Oct. 22.

Bierman, who resigned as coach in November, 1950, after 16 seasons at the helm of his alma mater (he served as a Marine officer during the 1942, 1943 and 1944 seasons), ran up a record of 93 wins against 35 losses and six ties.

## Crisler Gridders To Meet Oct. 22

Minnesota football players who played under Fritz Crisler, Gopher grid coach during the 1930 and 1931 seasons, will meet this month to honor their former coach.



Fritz Crisler will be feted at the football reunion Thursday, Oct. 22 at the Pick-Nicollet Hotel.

All gridders who played under Crisler have been invited to attend. His two captains - Win Brockmeyer '31BSEd and Clarence (Biggie) Munn '32BSEd - also are expected.

Reservations for both banquets are available through the MAA office, 205 Coffman Union.

Cut Out and Mail Now!

### ALUMNI HOMECOMING COFFEE HOUR OCT. 31

Right After the Game

Women's Lounge, Second Floor, Coffman Union

Thank you for an invitation to be your guest at the alumni coffee hour. I am planning to attend. There will be \_\_\_\_\_ in my party.

Send to:

Minn. Alumni Assn.  
205 Coffman Union  
U. of Minnesota

Name: .....

Address: .....

Bierman



## Duluth Homecoming Set Oct. 17

Academic Vice President Malcolm M. Willey will address homecoming UMD alumni at the formal dedication of the new \$800,000 social science building on that campus Saturday, Oct. 17. Theme of his address will be "Challenges to the Social Sciences."

On hand for the ribbon-cutting ceremonies at 11:45 a.m. will be Provost R. W. Darland and Richard O. Sielaff, chairman of the social sciences division.

The dedication speech comes at a 12:15 p.m. smorgasbord in Kirby Student Center, homecoming hub on the growing campus. Tickets for the luncheon are \$1.50.

Alumni will select a new executive board at the second annual meeting of the UMD Alumni Association, planned in conjunction with the luncheon. President Roy Teppen '33DSTC reports that a special announcement awaits returning alumni gathered at this meeting.

Prior to the dedication and luncheon, a 10 a.m. Homecoming parade will wind up at the edge of the new campus. Alumni and visitors may further inspect the new campus buildings from 2:30 to 4:30 p.m. and special displays have been planned.

The UMD Bulldogs go after the St. John's squad at 7:30 p.m. that evening in Public School stadium. Ex-Gopher Jim Malosky '51BSEd '57MEd is at the coaching helm for his second season and co-captains for the maroon and gold eleven are Lino Rauzi, Eveleth, and John Drazenovich, Nashwauk. Tickets for the game are \$1.50.

Students and alumni will return to Kirby that evening for post-game dancing to the music of Bill Richardson and topping off Saturday's festivities will be the presentation of UMD's Homecoming Queen.

Student Homecoming chairmen Loretta Loose and Betty Smith also have invited homecomers to a polka party Wednesday, Oct. 14, and varsity show and traditional bonfire Saturday night.

## Who's Who Includes

### 411 Staff Members

A total of 411 University of Minnesota staff members, (as of Jan. 1, 1958), appear in the recently issued 1958-59 edition of "Who's Who in America." Included are both active and emeritus professors.

This is 13 less than in the previous edition of "Who's Who" (1956-57) but actually there were nine new entries and two reinserted after having been left off several previous reports. Losses due to death were 16 and departure for other posts removed eight additional names.

An analysis of the list reveals that 248 (179 active and 69 emeritus) served on the Minneapolis campus; 39 (24 active and 15 emeritus) were on the staff of the St. Paul campus; 112 (82 active and 30 emeritus) were at the Mayo Foundation for Medical Education and Research at Rochester; 5 (4 active and 1 emeritus) had appointments at UMD; one emeritus was at Crookston; one active headed the Hormel Institute in Austin and five were serving as Regents of the University.

## Going to the Game?

If so, plan to attend the Minnesota Alumni Pre-Game Football Luncheons now:

- Oct. 10 Minnesota at Northwestern, Evanston, Ill. Luncheon at 11:30 a.m. in the Country Squire Room of the North Shore Hotel, Chicago ave. at Davis st. Price of luncheon \$2.75.
- Oct. 17 Minnesota at Illinois, Urbana, Ill. Luncheon at 11:30 a.m. in Room 314-S in the Illinois Union on the campus. Price of the luncheon \$2.
- Nov. 14 Minnesota at Purdue, West Lafayette, Ind. Luncheon at 11:30 a.m. in the West Faculty Lounge in Purdue Memorial Union on the campus. Price of the luncheon \$2.25.

Luncheons are by reservation only and reservations should be in the Alumni office 48 hours prior to the date of the luncheon. Please make checks payable to The Minnesota Alumni Association and send to 205 Coffman Memorial Union, University of Minnesota, Minneapolis 14.

Sorry, but only those Minnesota alumni who ordered tickets prior to Aug. 15 can be given preferential seating in the alumni section.

## Chippewa Valley, Fox River Clubs Announce Meetings

Two University of Minnesota alumni groups in Wisconsin will hold annual meetings early this month. John Kundla, new Gopher basketball coach, and MAA ExSecy Ed Haislet will be featured guests.

The third annual meeting of Minnesota Alumni of Chippewa Valley will be held Thursday, Oct. 8, and the 22nd annual meeting of the Fox River Valley Minnesota Alumni Club will be held the following evening, Friday, Oct. 9.

Chippewa Valley alumni, husbands, wives and friends will meet at 6:30 p.m. at the Elks Country Club, just outside Chippewa Falls on the shores of Lake Wissota.

The social hour starting at 6:30 will be followed by dinner at 7.

Cost of the dinner is \$2.75 per person and reservations must be made by Tuesday, Oct. 6. For reservations, a check should be sent to Lawrence Hestikin, Box 226, Eau Claire.

The Fox River Valley Minnesota Alumni Club will meet the following night - Friday, Oct. 9 - at the Valley Inn, Neenah. Cost of the dinner will be \$3 per person.

Reservations may be secured by sending a check to Don Luebke, 516 Chatham Court, Neenah.



# University, City, State All Pushing Bridge Plans



By L. P. ZIMMERMAN '16

Commissioner, Minnesota Department of Highways

When discussing University expansion and the proposed new Washington avenue bridge, we should not lose sight of the extensive system of new streets and highways being planned to serve the University.

This map shows the following proposed new facilities in addition to Washington avenue.

1. Interstate Route 94 providing a new Mississippi River bridge at Dartmouth street.
2. Interstate Route 35W providing another new bridge up from Cedar avenue.
3. Northerly extension of Oak street S.E., providing a new bridged crossing of the railroad barrier to the north.

Not shown on the map is T.H. No. 280, the Eustis street expressway.

This provides a second bridged crossing of the railroad barrier.

The new facilities will serve University area traffic around its entire periphery and will also provide the means for traffic to by-pass it completely and with ease, if desired.

Thus, the prime functions of Washington avenue will be to service traffic to and from the Minneapolis Campus and connect the west side area with the east side area. Insofar as the University is concerned, it would be desirable to have these the sole functions. However, to qualify for federal funds necessary to finance the project, Washington avenue must function as a trunk highway.

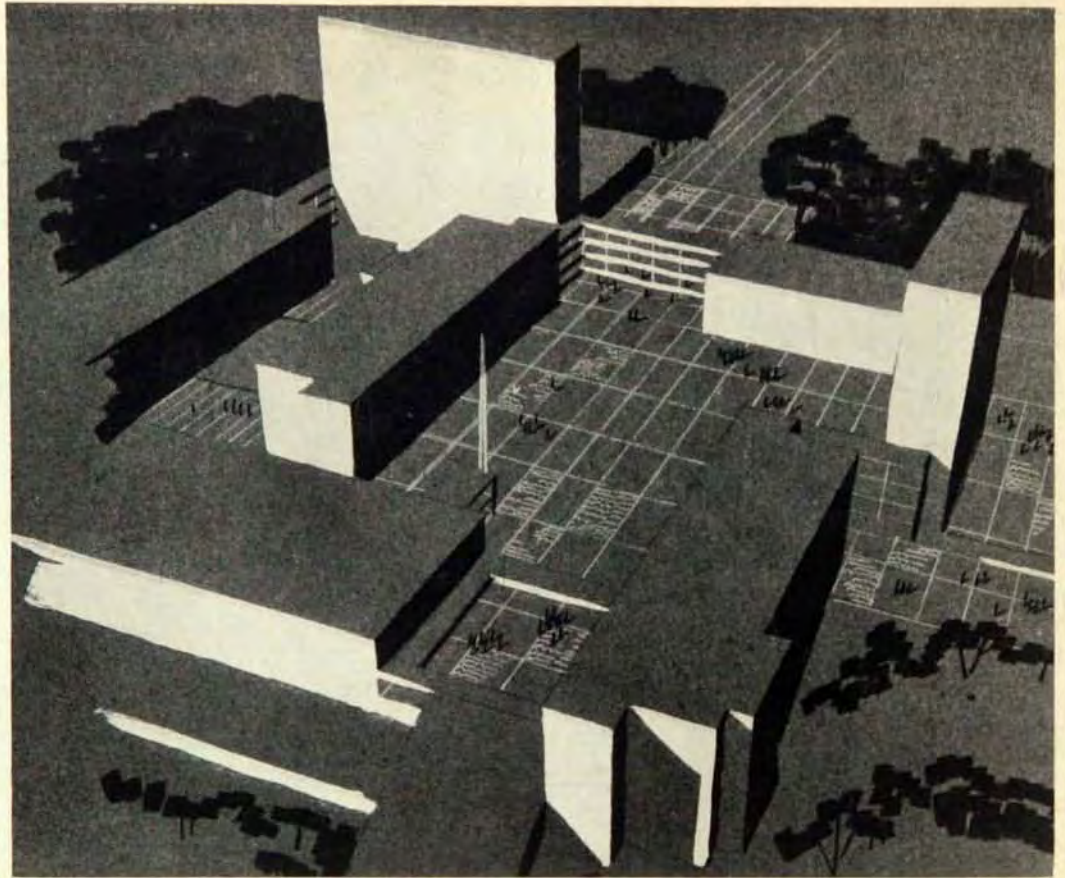
Provision of trunk highway features of the proposed Washington avenue bridge and its approaches is

the responsibility of the Minnesota Highway Department. Current state and federal laws and regulations will not permit the use of state and federal funds for special features primarily to service University students and faculty.

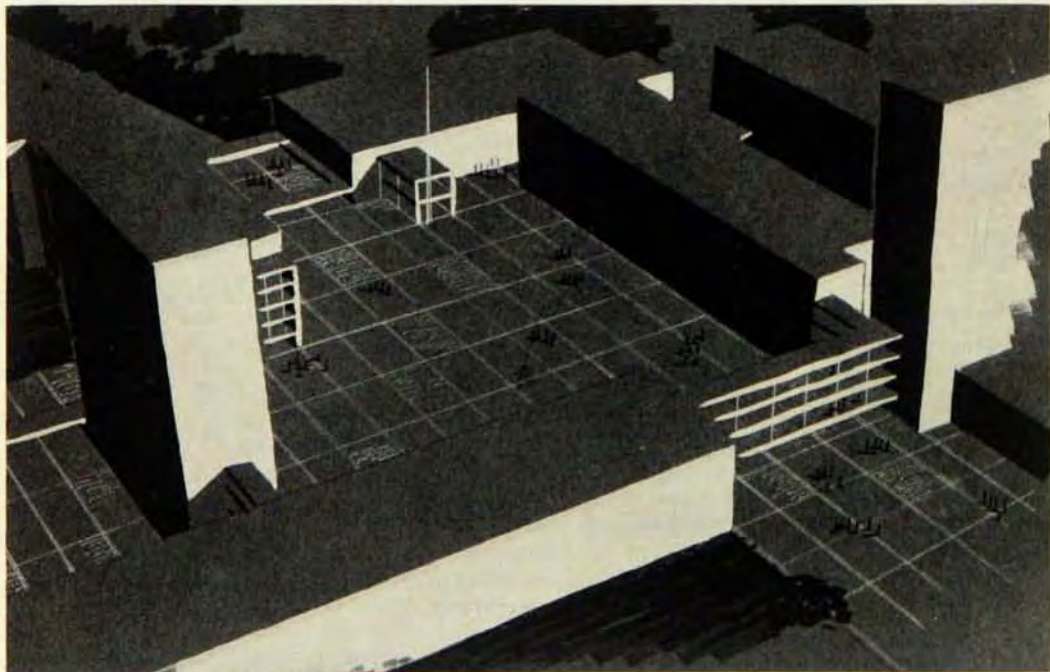
The staffs of the Department of Highways, the University and the city of Minneapolis are cooperating fully in the development of plans which will best serve the combined needs of trunk highway traffic and local needs of the University. Considerable progress has been made in recent months.

When a satisfactory general plan has been developed and approved, a determination will be made as to which features can be financed with state and federal highway funds.

**HERE IS THE APPROACH TO THE WEST CAMPUS** with the western tip of the bridge shown leading into the main "square." The proposed bus terminal would be located beneath the square. The first building on the right is a large-classroom building (125-300 capacity) building. The first tower on the right is the school of business and general college office tower connected with a typical-classroom (33-99 capacity) building. The dominating SLA office tower is shown at the rear with the main library located immediately behind it. In front of the tower is



a typical-classroom building on the left with a large-classroom building fronting on the square. The large building immediately to the left of the bridge is the "auditoria" housing classrooms of 300, 500 and 1,000-student capacities. Not included in this sketch is the school of business library which would be located to the right, north of the business office tower and connected by a passageway.



**THE SAME PORTION OF THE CAMPUS LOOKING EASTWARD** shows the SLA office tower and main library on the right. Going counter-clockwise we see the large and typical-classroom buildings, the auditoria, the bridge, large-classrooms building connected to the school of business and general college office tower and, in the foreground, a typical-classroom building.

## A Glimpse Into the Future

First buildings of the University's "all-weather" campus — expansion to the west bank of the Mississippi — came a step closer to realization this summer when the state legislature appropriated \$7,114,000 for the nucleus of what will become one of this country's most unique, functional and beautiful higher educational institutions.

The University already has acquired and cleared 17½ acres on the west bank, made possible by \$1,500,000 appropriated by the 1957 legislature. The building phase of the program awaited only legislative action to be initiated on schedule. That action has been taken and University officials can now proceed with confidence and certainty toward well-marked goals.

General plans for the expanded campus were formulated by 13 of the University's ablest administrators headed by Academic Vice President M. M. Willey. The committee, appointed by President J. L. Morrill, decided where educational units should be placed on both sides of the river.

Actual proposed building locations, shown here in architects' conceptions from the office of Advisory Architect Winston Close '27BSArch, meet the majority of preferences as expressed in questionnaires circu-

lated to the various departments by the Bureau of Institutional Research.

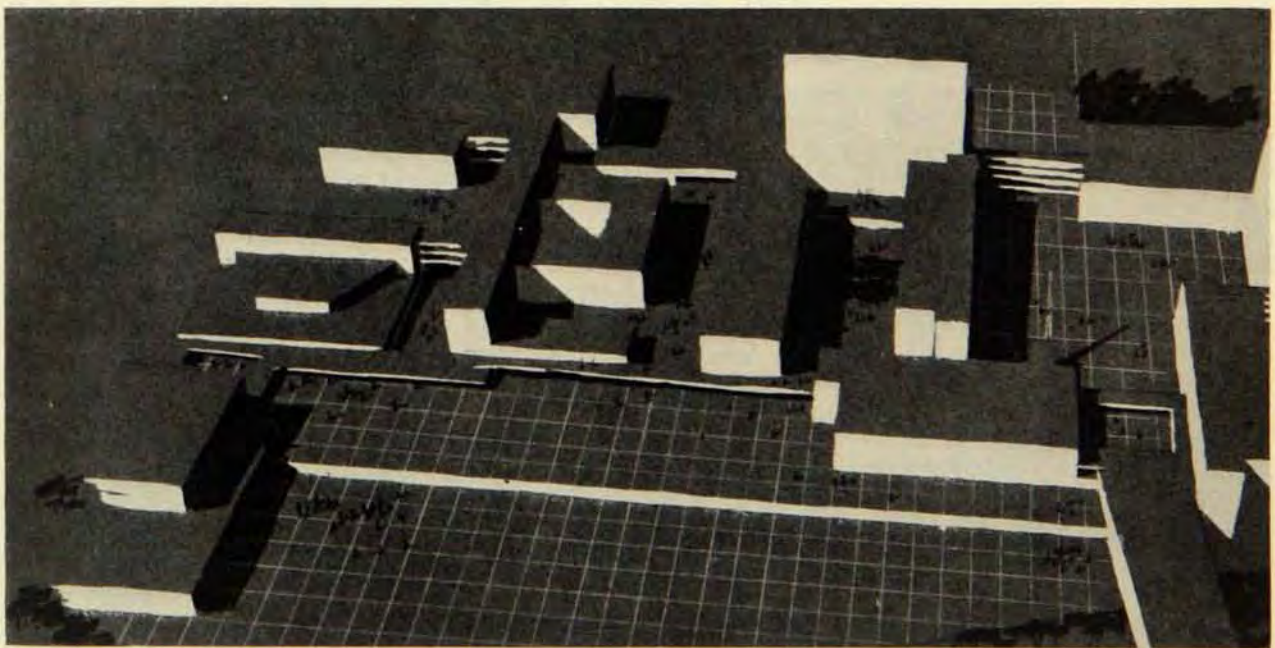
First buildings slated for construction are the SLA office tower and the adjoining large-classroom building fronting on the square, and the school of business administration with its adjoining typical-classrooms building. In addition, heating and utility lines will be extended to the expansion area.

The concept of a completely new Minneapolis campus, yet one which is an integral part of existing facilities has been carried to its fullest extent by University planners.

As in modern civilization, the "west" will assimilate the culture of the "east." To span the gap between the old and the new "educational civilizations," a bridge will replace conquering armies — architecture will replace arms, the drawing board will replace the battle plan.

Construction approval granted this year means the University can proceed on schedule toward meeting the insistent pressures of student enrollment which are destined to create new problems for the Minneapolis campus for a decade and more.

Put still another way, the mildly-unpleasant urgencies of growing pains are more than offset by the assurances of growing gains.



**A PANORAMIC VIEW OF THE PROPOSED WEST CAMPUS PLANS** shows the square and its surrounding buildings on the right, connected to the present campus by the double-deck bridge. The esplanade in the foreground leads to the proposed West Campus Union and dining center which would serve residence halls planned to the south of it. Behind the Union is the theater and the journalism school. The long building immediately to the right of the theater and journalism school will house communications which will be directly connected to the two-winged art department building. The University Gallery is the long, low building in the center.

## New MAA Exec Committee Takes Over



**MEMBERS OF THIS YEAR'S MAA** executive committee are (front row, left to right): Janet Hart Widseth '39BS(HE), secretary; Russell E. Backstrom '25BSME '27MSME, first vice president; Wendell T. Burns '16BA, president; and J. D. Holtzermann '21BA, past president. (Back row, left to right): Theodore C. Blegen '12BA '15MA '25PhD, Elmer L. Andersen '31BBA, Otto A. Silha '40BA, Virgil J. P. Lundquist '42MB '43MD '53MS, second vice president; and Ed Haislet, executive secretary of the MAA. John A. Moorhead '30BA, treasurer, is missing from the picture. (Members of the executive committee are chosen by their colleagues on the board of directors, which is elected annually by those alumni who are members of the association.)

Wendell T. Burns, who retired this year as a senior vice president of Northwestern National Bank of Minneapolis, has been named president of the Minnesota Alumni Association, replacing J. D. Holtzermann '21BA, Minneapolis.

Burns, who lives in Excelsior, earned his BA in 1916.

Other officers named by the MAA board of directors for the coming year are Russell E. Backstrom '25BSME '27MSME, St. Paul, first vice president; Virgil J. P. Lundquist '42MB '43MD '53MS, Minneapolis, second vice president; Janet Hart Widseth '39BS(HE), Minneapolis, secretary; and John A. Moorhead '30BA, Minneapolis, treasurer.

Backstrom is manager of the western industrial district for Wood Conversion Co., St. Paul; Lundquist is a Minneapolis phy-

sician who currently is serving as president of the School of Medicine Alumni Association; and Moorhead is president of Northwestern National Bank of Minneapolis.

Two alumni from St. Paul and one from Minneapolis were named to join with the officers to form the executive committee. They are Elmer L. Andersen '31BBA, St. Paul, president of H. B. Fuller (St. Paul

industrial adhesives manufacturing); Otto A. Silha '40BA, Minneapolis, vice president and business manager of the Minneapolis Star and Tribune; and Theodore Blegen '12BA '15MA '25PhD, St. Paul, dean of the University's graduate school.

Also serving on the executive committee is Holtzermann, past president of the association,

### Minnesota Tops States in Balloting

Alumni in 48 towns and cities in the home state of the University dominated the annual MAA election by casting more than half the votes for the selection of a new board of directors during May and June.

California, always a front-runner, was the geographic runnerup with alumni in 23 cities casting ballots.

Wisconsin was third with 13 cities and Illinois, New York and Texas tied for fourth with alumni in seven cities heard from.

MAA members from 34 states (including Alaska), the District of Columbia and Canada voted.

## New President Lists Committees

### Four New Alumni, Single Incumbent Voted to Board

Four new alumni have joined the MAA board of directors this year as a result of the annual national election which seated one incumbent.

The board is elected annually by those alumni who are members of the association. Ballots are distributed through the association magazine.

The newcomers, elected for four-year terms, are John A. Moorhead '30BA, Minneapolis, president of Northwestern National Bank of Minneapolis (since named treasurer of the MAA by his colleagues on the board of directors); Arthur H. (Red) Motley '22BA, Larchmont, N.Y., publisher of *Parade* magazine; Cyril P. Pesek '25BS, Minneapolis, vice president in charge of engineering and staff manufacturing at Minnesota Mining and Manufacturing, St. Paul; and Otto A. Silha '40BA, Minneapolis Star and Tribune (named member-at-large on the executive committee).

Last year two new members and three incumbents were balloted in.

The only successful incumbent this year was Elmer L. Andersen '31BBA, St. Paul, president of H. B. Fuller and a former member of the Minnesota State Senate. He also has been named member-at-large on the executive committee.

Another new member of the board, Clifford C. Sommer '32BBA, was appointed by MAA President Wendell T. Burns following a meeting of the association's executive committee.

Sommer will complete the unexpired term of Sam W. Campbell '25BA '27LLB who resigned. The term expires in 1961. Last year Campbell served as MAA treasurer and still is a member of the investment committee of the association.

Sommer, president and director of the Security State Bank and Trust Co. of Owatonna, previously served on the board of directors of the MAA in 1953 when he was treasurer of the association. In addition, he has served as a member of the MAA investment, student affairs and sorority and fraternity relationships committees.



Sommer

He served as president of the Steele County Chapter of the MAA from 1956-68 and was the original alumni representative of the University Greater University Fund Scholarship (including Henry L. Williams scholarship). In addition, he was a member of the board of directors for the M-club for six years and served as president of the organization from 1949-50. In 1957 he was Alumni King for the homecoming.

John A. Moorhead '30BA, Minneapolis, newly-named treasurer of the Minnesota Alumni Association, has been appointed chairman of the University investment committee according to an announcement by Wendell T. Burns '16BA, president of the Minnesota Alumni Association.

Moorhead, president of Northwestern National Bank of Minneapolis, fills the vacancy created by Burns. Sam W. Campbell '25BA '27LLB, last year's committee chairman and MAA treasurer who recently resigned from the board of directors, will continue to serve on the committee as will James C. Harris '47MBA and Paul Reyer-son '17BA '19LLB.

Robert L. Steubing '32NG, assistant vice president of the First National Bank of Minneapolis, was named to the senate committee on military affairs to replace Richard E. Kyle '25BA '27LLB. Norman E. Hendrickson '16BSE, Minneapolis, is chairman of the committee.

Other appointments made following an MAA executive session:

Honors (nomination of alumni for special recognition):—Arnulf Ueland '17BA, chairman, who succeeds Algot Johnson '10EM; B. W. Bierman '16BA and John K. Fesler '24BA '26LLB.

Scholarship — Mrs. Harriet Thwing Holden '33BA, chairman; Nolan C. Kearney '24BSED '32MA '48PhD and Charles Judd Ringer '40-41.

(Continued on next page)



Elmer Andersen  
Re-elected  
Board of Directors



A. H. Motley  
New on Board  
of Directors



C. P. Pesek  
New on Board  
of Directors



Sam Campbell  
Resigns  
Board of Directors



Theodore Blegen  
New on  
Executive Committee



Janet Widseth  
New on  
Executive Committee

COMMITTEES

(Continued from page 21)

Mary Ellen Hanson McFarland '43BS(HE) was reappointed as representative on the St. Paul campus union board and Douglas G. Wolfangle '49BAEE was named to succeed Marie A. Wensel '48BA on the Minneapolis campus union board.

Newest member of the past presidents committee is J. D. Holtzermann '21BA, Minneapolis, last year's MAA head. Others in the group include Arthur R. Hustad '16BA, Minneapolis, chairman; William F. Braasch '00BS '03MD, Rochester; Victor Christgau '24BSAg, Washington, D.C.; George Earl '06BA '09MD, St. Paul; Hibbert M. Hill '23BSCE, Minneapolis; Arthur O. Lampland '30BBA '34LLB, St. Paul; Francis (Pug) Lund '31-35, Minneapolis; Harvey Nelson '22MD, Minneapolis; Ben W. Palmer '11BA '13LLB '14MA, Minneapolis; Glenn E. Seidel '36BSCE, Minneapolis; Leif R. Strand '29DDS, St. Paul; Wells J. Wright '36LLB, Minneapolis; and Edgar F. Zelle '13BA, Minneapolis.

Senate committees and members are:

Student affairs—Madeline Roth Merriman '38BSEd, chairman; Victor S. Rotering '49BA.

Intercollegiate athletics—Elmer E. Engelbert '20B, chairman; Leif R. Strand '29DDS.



**THE HONORABLE A. J. OLSON** (left), Renville, Regent of the University of Minnesota, is shown here congratulating Walter H. Swanson '18BSFor after presenting him with the University's Outstanding Achievement Award at the 50th anniversary celebration of the University's Forestry Training program at the Itasca Forestry and Biological Station. Swanson, vice president of research and development for Kimberly-Clark Paper Co., received the award July 31. He was cited as an "outstanding developer of many new products and processes in his field" and for "aiding the expansion of the pulp and paper industry."

## Henry Mackall Reappointed to GUF

Henry Mackall '06BA has been reappointed to the board of trustees for the Greater University Fund, according to MAA President Burns.

Mackall, Minneapolis attorney, will serve a three-year term.

Mackall succeeded C. R. Carlson Jr. '23BSAg '24MS in December, 1957.

Other members of the GUF board, coordinated by Robert Provost, director of the Fund, are Louis Gross '25LLB, Minneapolis, chairman; Lloyd A. Hatch '23BSChemE, St. Paul; Betty Sulli-

van '22BSChem '35PhD, Minneapolis; and Edwin A. Martini '30LLB, Duluth.



Louis Gross  
GUF Chairman



Henry Mackall  
Reappointed to GUF

## Steele County Alumni Elect Mitchell President

More than 150 members and guests of the Steele County (Minn.) Alumni Club heard Dean Athelstan F. Spilhaus speak at the club's annual dinner at Owatonna.

Officers of the county organization also were elected at the meeting for the 1959-60 term.

George L. Mitchell '47AA '48BBA '52BSL was elected president and Mrs. James Partridge '40BS(HEEd) vice president. Retiring president is Kenneth Austin '49BSEd. New secretary-treasurer is Loren McMartin '29FS.

**HOWARD HUGHES DOCTORAL FELLOWSHIPS.** If you are interested in studies leading to a doctor's degree in physics or engineering, you are invited to apply for one of approximately 10 new awards in the 1960 Howard Hughes Doctoral Fellowship Program.

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Hughes conducts extensive research and development in the scientific and engineering fields. Typical programs include: network analysis and synthesis, semiconductor materials, plasma electronics, communications, computing... and solid state physics, atomic and nuclear physics, tests of the general theory of relativity, chemistry, physical chemistry and metallurgy, information theory, mechanics of struc-

tures, electro-mechanical propulsion systems, and systems analysis.

Howard Hughes Doctoral Fellowships are open to outstanding students qualified for admission to graduate standing. A master's degree, or equivalent graduate work, is considered very desirable before beginning the Fellowship Program.

The classified nature of work at Hughes makes eligibility for security clearance a requirement for nearly every applicant.

**Closing date for applications:** January 15, 1960.

**How to apply:** Write Dr. C. N. Warfield, Scientific Education, Hughes Aircraft Company, Culver City, California.

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# Hughes Fellowship Programs



## Constituents Set Fall Meetings

Constituent groups within the Minnesota Alumni Association have outlined a full schedule of meetings this fall, complete with seminars, guest speakers, dinner meetings and election of officers for the coming year.

At least seven annual meetings are planned by constituents including UMD, which will meet at noon on Saturday, Oct. 17, during Duluth homecoming festivities.

### Business Administration

The School of Business Administration's Class of 1920 will be featured at the annual meeting of the School of Business Administration Alumni Association Thursday, Nov. 19, at the Leamington hotel.

The meeting, which will consist of a banquet and seminars, is open to both alumni and the public.

Eight of the organizations participating in the seminars last year already have indicated a willingness to do so again reports Irene D. Kreidberg '30BBA, banquet committee general chairman.

The banquet room will be decorated appropriately to fit in with the 40th anniversary of the school.

In addition to the annual election of officers, Outstanding Achievement Awards will be presented to Harold E. Wood '18BA, Carl D. Hayden '16BA, Wendell T. Burns '16BA and Carlyle E. Anderson '32 BBA.

Price for the banquet and seminar will remain \$6 and \$1.

### Nursing

Dr. Vincent Gott will be the featured speaker at the fall meet-

ing of the School of Nursing Alumnae Association Wednesday, Oct. 21, in the Powell Hall amphitheater. The meeting will be held from 7:30 to 9:30 p.m.

Dr. Gott's subject will be "Recent Adventures in Open Heart Surgery."

A short business meeting will precede Dr. Gott's talk, at which time plans will be made for the Association's annual meeting in January. Refreshments will be served following the talk.

### Mortuary Science

The second annual meeting of the Mortuary Science Alumni Association will be held Saturday evening, Nov. 21, immediately following the Minnesota-Wisconsin football game.

The dinner meeting will be held at 6:30 at the Leamington Hotel, preceded by a social hour at 5. Dinner speaker will be John Kundla, Gopher basketball coach.

Tickets for the dinner are available through the Alumni Association, 205 Coffman Memorial Union, at \$6 apiece.

### Dentistry

The School of Dentistry Alumni Association will hold its annual meeting Friday, Nov. 20, with a 6:30 p.m. dinner meeting at the Leamington Hotel.

Tentative schedule includes a board meeting at noon, registration at 1:30, general assembly from 2 to 3 and a tour of either the hospital or the agricultural campus at 3 p.m.

Dr. Lester W. Burket will be guest speaker.

### Veterinary Medicine

No fall annual meeting is slated for the College of Veterinary Medical Alumni Association but tentative plans call for an alumni board-faculty stag.

Annual meeting of the group will be held in February, 1960.



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Maroon M on gold

I am a member



## Education

Leif S. Harbo '32MA, Austin superintendent of schools, was elected 1959-60 president of the College of Education Alumni Association at the group's fourth annual meeting in June. He replaces William O. Nilsen '35MA.

Other officers elected for the coming year are Herbert E. Hartshorn '40BSEd '47MA, Edina-Morningside (Minneapolis) public schools director of education, vice president;



Harbo

Marjorie M. Hamlin '37BSEd, Alexander Ramsey senior high school, Roseville, secretary-treasurer. Mrs. Avis P. Nelson '56BS, Hennepin County superintendent of schools, was elected to the group's board of directors for a three-year term. Other board members are Gordon Swanson '42BS '49MS '54PhD and Clarence Hemming '37BSAgEd.

Outstanding Achievement Awards were presented to Charles W. Boardman '19-20, professor emeritus of education at the University, and William H. Cartwright '37BS '42MA '50PhD, professor of education and chairman of the department of education at Duke University.

## Medicine

The Class of 1934 will be honored at the annual meeting of the Medical Alumni Association on Friday, Oct. 30, at the Radisson Hotel.

General chairman of the meeting, which falls on the eve of Minnesota's Homecoming game against Vanderbilt, is Dr. Sheldon M. Lagaard, '41BS '43MB '43MD. Dr. Virgil J. P. Lundquist '42MB '43MD '53MS, president of the Medical Alumni Association and second vice president of the Min-

nesota Alumni Association, will serve as master-of-ceremonies.

A social hour will be held from 6:30 to 8 p.m. followed by dinner at 8 and a dance from 9:30 to 12. The Wes Barlow orchestra will play.

The dinner program will consist of a showing of slides of the medical school past and present, a talk by Dean Robert B. Howard '42BA '44MB '45MD '52PhDMed and a short business meeting.

A nominating committee consisting of Dr. Lagaard, Dr. Robert Monahan '40BS '42MB '43MD, Dean Howard and Assistant Dean N. L. Gault Jr. '50MB '51MD, will prepare a nominating slate of eight board members, four to replace those whose terms expire in 1959 for two-year terms and four new members for three-year terms.

Hosts and hostesses (doctors and their wives) will be designated for each class and a special sign will identify the Silver Anniversary Class. Standards also will identify other five and 10-year groups and will be displayed at the social hour so groups will know where to assemble.

The dinner ticket, including the dance, is \$7.50 or \$15 per couple. Interns and resident physicians will have a special rate of \$10 per couple.

## Pharmacy

A Student-Alumni Mixer, a student affair co-sponsored by the College of Pharmacy Alumni Association, will be held Saturday, Nov. 7, in the Junior Ballroom of Coffman Memorial Union, from 8:30 to midnight. Dr. Ralph Piper will call.

Plans call for a square dance with a short interlude for skits or charades. Cost will be \$1 apiece.

## Institute of Technology

Dec. 3 has been set as the date for the annual meeting of the Institute of Technology Alumni Association.

The meeting will be held at the St. Paul Town and Country Club.



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## Moos Set as Speaker

### For U Band Alumni

Malcolm C. Moos, presidential speech-writer, will be the principal speaker at the annual meeting of the Band Alumni Association Saturday, Oct. 3, during Band Day festivities at the University.

Leon O. Bonrud '49BEE '55MEE, president of the organization, has announced that the group will meet in the Armory at 8:30 a.m. for a practice rehearsal.

At 1 p.m. the group will march to the football field for the Minnesota-Indiana game and participation with the University bands at halftime. The banquet will be held at 7 p.m. in the Continuation Center.

Those wishing to attend have been asked to contact the band office or call FRanklin 1-2481 or FRanklin 1-1624.

## Prof. Emeritus William Anderson Will Receive OA Award

Professor Emeritus William Anderson '13BA will receive the University's Outstanding Achievement Award at the first annual meeting of the SLA and University College Alumni Association Thursday, Oct. 22, in the Junior Ballroom of Coffman Memorial Union.

Prof. Anderson will receive the award for his outstanding work in the political science field.

Dinner will be at 6:30 p.m. and tickets, at \$3 apiece, may be purchased at the MAA office, 205 Coffman Union.

In addition, three faculty members will be honored by the students and superior students in the

various departments of the college will be recognized.

Prof. Anderson will speak on "Education and Political Ideals."

The meeting will be held in conjunction with SLA week and all alumni have been invited to attend the convocation that day. Hanson Baldwin, military editor of the New York Times will be the speaker. It is also contemplated that all departments will hold open houses throughout the day for alumni.

### New York Alumni To Meet Oct. 29

The Minnesota Alumni Club of New York City will hold a dinner meeting Thursday night, Oct. 29.

Guests who will be honored at the meeting will be graduates in the New York area who have won the University's Outstanding Achievement Award.



Prof. Anderson

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ALUMNI NEWS



**KATHARINE DENS FORD DREVES '39-40** (right) who retired in June as director of the school of nursing after 29 years of service, is shown here receiving a citation from School of Nursing Alumnae Association President Phyllis Lee '48-BS. The presentation was made at a tea honoring Mrs. Dreves. She also received an honorary life membership in the association.

## Fred W. Little to Head Washington, D.C. Alums

Fred W. Little '27BSME was elected president and Robert A. Forsythe '49BSL vice president of the Alumni Club of Washington D.C.

Other officers for the 1959-60 term will be Milford Juten '32BME treasurer, and Margaret Jorgenson '23BSED secretary. Directors are Victor Christgau '24BSAg, Wanda Allender '50BA, Jack Blair '53BBA '56LLB, Hal Vatland '57BME and Leo Wallerstein.

The meeting also served as a reception to honor Minnesotans in Congress. Attending were Sen. Eugene J. McCarthy '39MA, and Congressman Quentin Burdick

## Remember those 1960 Camelback Dates

The dates for next year's Camelback Reunion have been set for Jan. 7-8-9-10-11. The biggest single event will be the festivities on Friday evening, Jan. 8. Make your plans now to attend this gala reunion of the year. Cost will be \$14 per day, American plan. Reservations should be made through the MAA office.

'31BA '32LLB, Ancher Nelsen and Odin Langen. All spoke briefly.

## Pharmacists Meet At Ohio Convention

More than 30 alumni of the University of Minnesota College of Pharmacy attended a Minnesota Alumni luncheon in Cincinnati in August in conjunction with the American Pharmaceutical Association convention.

The luncheon was held at the Terrace Hilton Hotel and arranged by Arnold F. Mackner '32BS, Bay Village, Ohio. Charles V. Netz '21BS '23MS '40PhD, University pharmacy professor, arranged for distribution of the tickets. Dr. Netz also discussed the college's building program and a letter from Seymour Grossman '51BSPhm, president of the College of Pharmacy Alumni Association, was read to the group.

Other representatives of the University at the meeting included Willard J. Hadley '40MS '43PhD, pharmacy professor; Mrs. Stanley F. Hunkins '23PhmC, University hospitals pharmacist; Taito Soine '38BS '39MS '43PhD, pharmacy professor, Ole Grisvold, professor of pharmaceutical chemistry and George P. Hager, dean of the College of Pharmacy.



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## Minnesota-Iowa Luncheon Set

Attention football fans!  
Planning to attend the Minnesota - Iowa football game Nov. 7? If so, plan also to attend the Minnesota Alumni pre-game dinner at the Hotel Sheraton-Montrose in Cedar Rapids at 6 P.M.

Tickets are \$3 apiece and reservations can be made by writing Merrill Ludvigsen, 2309 Meadow Lane N.E., Cedar Rapids.

## 11 Great

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## Californians Form Trust Foundation



MEMBERS OF THE FIRST Board of Directors of the Minnesota Alumni Club of Northern California Trust Foundation are (left to right) Walter Blumst, secretary-treasurer; Warren L. Hanna, Robert A. Bennighof, vice chairman; Ellen Janney Brown, Dr. Albert Boles, Arthur B. Poole, chairman; and Herbert M. Hanson Jr.

Creation of the Minnesota Alumni Club of Northern California Trust Foundation this past summer represents a new development by alumni to assist the University. The Trust Foundation will serve as a gathering point for gift assistance directed to the University of Minnesota by Minnesota alumni in the Northern California area.

The six alumni serving as the board of directors are elected by Minnesota Alumni of Northern California. The board, working with the Greater University Fund, will be encouraging gift assistance to the Trust Fund as well as annually determining the project or special use to be made of the resources that are collected at the University.

The Bank of America is the fiscal agent through which gifts are received by the Trust Foundation.

By assuming local responsibility for giving as well as allocation, Northern California alumni have developed a direct link to the University. By pooling gift resources, Minnesota alumni of Northern California can accomplish specific objectives at the University that will attract the attention of other alumni clubs, the University administration, faculty and staff and students.

From this increased awareness of the Trust Foundation, Northern California alumni will have provided themselves with a closer association with their University.

## Northern California Has Picnic Barbecue

Arthur B. Poole '17BA, member of the MAA board of directors, played host at his home on the Stanford campus to the annual "Back-to-the-Campus" picnic barbecue sponsored by the Northern California chapter of the Alumni Association.

Informal luncheon meetings are held every Monday noon at the Iron Duke restaurant in San Francisco and anyone interested in attending these or any other alumni events should contact Robert Bennighof, room 608, 333 Montgomery st., San Francisco.

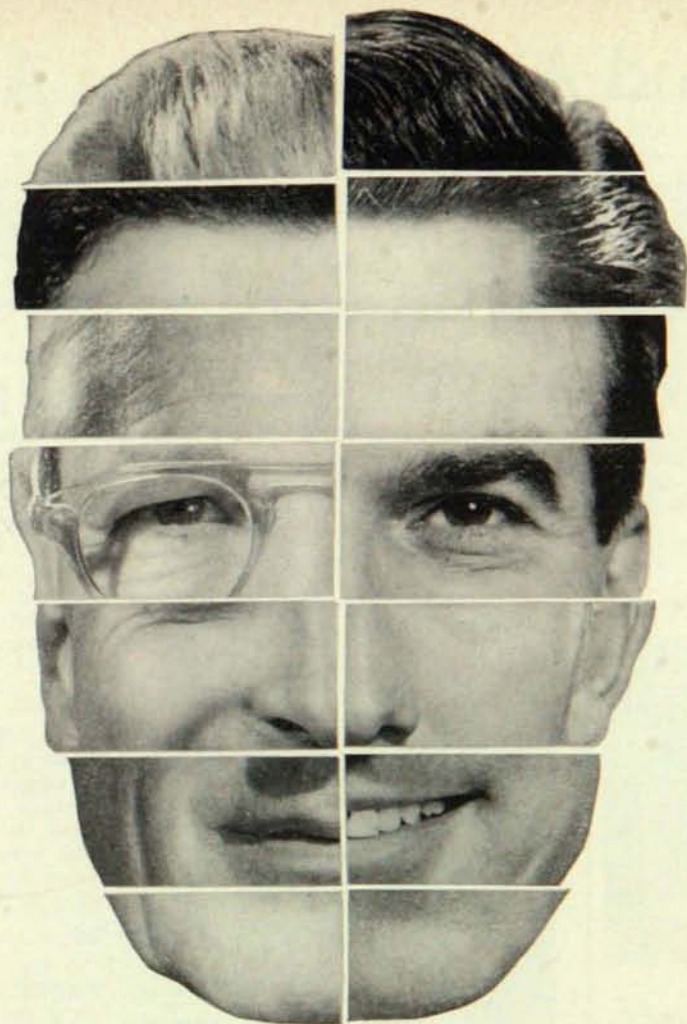
## Pershing Rifles Alums Plan New Organization

The first organizational meeting of a proposed Pershing Rifles Alumni Club will be held at noon Saturday, Oct. 31, announces Gary Flakne '56BA, captain of Co. E-2 of the Pershing Rifles in 1956.

The meeting will be held in the Armory gymnasium.

Advance notification is not required but for planning purposes persons planning to attend should drop a card or letter to Pershing Rifles E-2, Armory.

On Saturday evening a post-Homecoming game party will be held at the home of George Dean, 6048 James ave. S. starting at 7 p.m.



## A composite picture of success

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Mailand E. Lane, Sr., '32, Minneapolis

Richard H. Luby, '34, Phoenix

Hubert D. Wheeler, '34, Gen. Agt.,  
 Duluth

Francis L. Lund, CLU, '35, Gen. Agt.,  
 Minneapolis

Morton C. Mosiman, '40, Minneapolis

Neil E. Haugerud, '42, Minneapolis

Lloyd V. Shold, '42, Duluth

Robert R. Abroahams, '44, Minneapolis

Earl H. Mosiman, '47, Minneapolis

Robert D. Myhr, '48, Chicago

Richard S. Taylor, '48, Minneapolis

Theodore J. Lee, '49, Duluth

H. Larry Wilson, Jr., '52, Minneapolis

John B. Heimkes, '54, Minneapolis

Robert C. Shadur, '55, Los Angeles

Robert M. Larsen, '57, Minneapolis

Robert M. Boulan, '58, Minneapolis

Ask one of these competent men to tell you about the advantages of insuring in the New England Life.

# Around and About With the Alumni

'94

*Ada Comstock Notestein* '92-94, first dean of women at the University, in June received a doctor of laws degree from Harvard. A student at the University from 1892-94, Mrs. Notestein, now 83, returned in 1899 as faculty member. She was dean of women from 1907-12 when she left to become dean of Smith College. From 1923 until her retirement in 1943 she was president of Radcliffe College. In 1943 she married Wallace Notestein, Yale professor emeritus. Notestein taught history at the University of Minnesota from 1908-20. They live in New Haven, Conn.

## Class of '94

### Meets for 65th

Four members of the *Class of 1894* attended the 65th meeting of the class last June at the Curtis Hotel.

The formal reunion had been called off because of the illness of Roberta Pratt Locke, class president. Mrs. Locke passed away in August.

Frank Maloy Anderson announced that he had donated \$2,000 to found a scholarship in the medical school to be known as the Class of 1894 Medical Scholarship Fund. The gift is to remain untouched and only the interest to be used each year.

Attending the meeting were Anderson, C. H. Chalmers, James B. Gilman and Fred Strathern. Unable to attend were Mrs. Locke, Dr. Frank Manson and Walter Poehler.

'09

*Walter C. Beckjord* '09EE was presented with an honorary doctor of laws degree at Xavier University's June commencement. Long active in Cincinnati civic affairs, he is a member of the Xavier President's Council. He is chairman of the board of the Cincinnati Gas and Electric Co.



Beckjord

'12

*Gunnar H. Nordbye* '12LLB of the Minnesota district of the U. S. District Court, received an honorary doctor of laws degree at the June commencement exercises. He practiced law in Minneapolis for 10 years, was a Minneapolis municipal judge for three years and district court judge in the fourth Minnesota judicial district for six years before being named U. S. District Court judge in Minnesota in 1931.

'16

*George M. "Soybean" Briggs* '16BSAg, professor emeritus of agronomy at the University of Wisconsin, and Mrs. Briggs celebrated their golden wedding anniversary last summer. Briggs, who retired in 1954 after being with the University of Wisconsin school of agriculture for 38 years, is past president of the University of Minnesota Alumni Club in Madison.

'17

*Charles M. Dale* '17LLB., former governor of New Hampshire, received an Outstanding Achievement Award at the University law school's annual recognition exercises. Before being elected governor from 1944-48 he was mayor of Portsmouth in 1926-27 and again in 1943-44 and a member and former president of the New Hampshire state senate.

'20

*Ed Gould* '20BCE retired July 20 as Minneapolis city assessor. He was re-appointed by the city council every two years since 1933 with only token opposition and served longer than any city assessor in Minneapolis history.

'21

*James D. Bain* '21LLB was elected president of the Minnesota State Bar Association. He was secretary of the organization from 1944-48, retiring vice president and is state delegate to the American Bar Association.

'23

*Charles B. Russell* '23EM recently was elected president of Companhia Meridional de Mineracao, a foreign subsidiary of United States Steel, engaged in mining manganese ore in Brazil.

'24

*Thomas S. Lovering* '22EMinGeol '23MS '24PhD was cited in Washington by secretary of the interior Fred A. Seaton for "outstanding scientific contributions in geology." Lovering, who joined the U. S. Geological Survey in 1952, received a gold medal and the distinguished service award, highest honor of the department of the interior.

'25

*Walter F. Kannenberg* '23BSEE '25MSEE, a member of the technical staff of Bell Telephone Laboratories in Whippany, N. Y., recently marked the anniversary of 35 years with the Bell System. He holds more than 300 patents relating to the many phases of his work.



Kannenberg

*Mrs. Leland F. Leland (Wilma Smith)* '25A has been elected national president of the Alpha Omicron Pi sorority. For the past two years she has been first vice president of the 25,000-member group.

'27

*R. H. (Russ) Wenzel* '27LLB recently was elected president of Truck Insurance Exchange of Farmers Insurance Group. He also recently was elected president of Western Highway Institute which covers 13 states.

*Dr. Irwin L. V. Norman* '25BS '27MB '28MD has been appointed medical director of The Chase Manhattan Bank. Dr. Norman served in the Navy from 1927 until April 1959 when he retired with the rank of rear admiral. He was appointed inspector general of the Bureau of Medicine and Surgery of the Navy Department in 1958 following three years as assistant chief of the bureau.



## Here's a Deal!

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ALUMNI

'30

*Carl M. Anderson* '27BA '30LLD, secretary of Merck & Co., Inc., Rahway, N. J., recently completed 25 years of service with the firm. Former editor of the *Minnesota Law Review*, he joined the company as head of the legal department in 1934. He has held several



Anderson

administrative posts, among them assistant to the president of the company and vice president of the company's overseas division.

*Valdimar Bjornson* '30BA, Minnesota state treasurer and former member of the MAA board of directors, recently was elected trustee of the American-Scandinavian Foundation. He has long been active in the Minneapolis chapter of the A-SF.

'31

*Dana Nicholson* '29BA '31LLB, Minneapolis municipal judge since 1952, was elevated to the Hennepin County district bench by the governor.

'32

*John G. Kruse* '28-32 is assistant secretary of Minnesota Mining and Manufacturing Co., St. Paul. In addition to his duties as assistant secretary, he also serves as secretary of the management, finance and executive committee. He is in charge of the business and economic research department, executive aviation department and organization development studies. He joined the firm in 1921.



Kruse

'34

*Hedley Donovan* '34BA, managing editor of *Fortune* magazine, since 1953, has been named editorial director of all Time, Inc. publications. Donovan, as deputy to Editor-in-Chief Henry R. Luce, will be concerned with the editorial operations of *Time*, *Life*, *Fortune*, *Sports Illustrated*, *Architectural Forum* and *House and Home*.



Donovan

'35

*Amos S. Basel* '31BA '35LLB is a candidate for the Liberal party of New York State for the justice of the city court in the borough of Manhattan.

*L. N. Recktenwald* '30BSEd '35MAEd, a psychology professor and director of

the department at Villanova, has been listed in *Who's Who in the East* and *Leaders in American Science*. He recently wrote a series of monographs on the psychology of personality, published by Villanova University Press.

*Melvin Calvin* '35PhDChem, research professor of physical chemistry and dean of the University of Illinois graduate college, was presented the University's Outstanding Achievement Award at a school of chemistry honors dinner in June.

'36

*William G. Bloedel* '36BA recently was promoted to vice president, sales promotion, of Brown and Bigelow. He joined the company shortly after graduation and has headed the promotion department as manager since 1955. He was student manager of the 1933 University football team and was secretary of the M-club for 16 years.



Bloedel

'37

*Fred J. Agnich* '37BA, unsuccessful

candidate for the MAA board of directors, has been named head of the newly-formed *GeoSciences and Instrumentation* division of *Texas Instruments Inc.* Agnich was named vice president of the firm to head the division. President of *Geophysical Service, Inc.* from 1956 until this time, he has been elected chairman of the board of that organization and remains a member of the *Texas Instruments* board of directors and executive committee.

'40

*Katharine J. Densford* '39-40, retired director of the University's school of nursing, was married Aug. 10 to Carl A. Dreves, retired St. Paul businessman. Mrs. Dreves retired from the University faculty in June after 29 years as a professor and director of the School of Nursing. After a trip to Germany the couple returned to St. Paul last month.

'41

*L. E. Leipold* '28BS '38MA '41PhD resigned his position as associate professor of education at Colorado State College to spend the summer in Europe. He has taught school law and educational research at Colorado State for 12 summers and in Minneapolis he is principal of *Nokomis* junior high school.

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'45



Milner

Max Milner '41MS '45PhD has assumed his duties as senior food technologist in the food conservation division of the U. N. International Children's Fund with headquarters in New York. A Kansas State University staff member since 1947, he served as a research assistant at the University of Minnesota from 1942-47.

Dorothy McNeill Tucker '45BSEd had her final orals at UCLA for her EdD last fall and the degree was awarded this year. On Nov. 26, 1958, she was married to Elbridge Ashcraft Tucker and following a trip to Hawaii both assumed teaching positions at California State Polytechnic College.

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'48

John B. Custer '48BME of LaCrosse, Wisc., recently was promoted to manager, aircraft heat exchanger sales department of the Trane Co., LaCrosse.



Custer

Kimball C. Cummings '48BSEE '48MSEE has been appointed manager of Minneapolis Honeywell's Beltsville, Md., division. Cummings, who had been associate director of research of the company's Aeronautical Division, has responsibility for design and development of magnetic tape systems and components for the instrumentation and data handling fields.

'49

Gerhard L. Sauck '49BSEE has joined Ramo-Wooldridge Division of Thompson Ramo Wooldridge, Inc.

Herman Rothfuss '39BA '40MA '49PhD is being promoted to professor of language at Western Michigan University, Kalamazoo.

Richard J. Ambrosen '49BChE has been named head of a newly-established Chicago field office of Girdler Catalysts, Louisville, Ky.

'50

Gordon Soltau '50BSEd, former University football great and San Francisco 49ers' all-time top scorer, announced his retirement from professional football last summer. Soltau, 34, will join Tom Harmon in televising all 49ers' games this season. Living in Palo Alto, Calif., with his wife and three children, Soltau also will continue as a San Francisco sales executive for a stationery firm.

'51

Walfrid J. Jokinen '51BA has been promoted to the rank of associate professor of sociology at Louisiana State University. In January, 1958, he also was appointed assistant dean of the LSU graduate school.

'52

Capt. Robert E. Leestamper '52BA (UMD) was awarded a one-year scholarship by Harvard graduate school of education. Now serving as a research psychologist at the Air Force Cambridge Research Center, he was a distinguished military graduate from the University.

'53

David L. Levine '53PhD, associate professor of social welfare at Florida State University, has been granted a leave to join the faculty of the Harvard school of public health as research associate in mental health for the current academic year.

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Enclosed please find

my check for \$.....

Kindly ship..... Minnesota Chair(s)

Name .....

Address .....

City..... Zone..... State.....



'54

*Dick (Pinky) McNamara '54ALA '56BA* has been named head football coach for Breck School in St. Paul. McNamara, 26, coached in the Hastings

recreation board league.

'56

*Robert E. Fore '56MHA* now is serving as assistant administrator at Georgia Baptist hospital. He formerly was ad-

ministrative assistant at Baptist Memorial hospital, Memphis.

'58

*Carroll Hartwell '58BAPhil* recently exhibited at the Walker Art Institute a series of his photographs entitled "Nature in Abstraction." He is employed by Infinity, Inc., a commercial photography firm in Minneapolis.

'59

*Richard H. Kyle '59BA* was named recipient of one of nine \$1,200 annual fellowships awarded by the educational trust of the Chi Psi fraternity, a national social fraternity.

*Charles Hogan '59BA* has been named case worker in the Freeborn County, Minn., welfare office.



**GEN. LEIF J. SVERDRUP '21BSCE** (left) is shown here receiving the J. Lloyd Kimbrough medal of the American Institute of Steel Construction from its president H. Buckley Dietrich. The presentation, which was made during AISC's National Engineering Conference in Birmingham, was for outstanding contributions to the steel construction industry. The medal, which has been presented only twice before, was awarded to Gen. Sverdrup for the quantity of bridges he has constructed in Missouri and Nebraska, air fields cut through jungles during World War II, Saudi Arabian oil pipeline and auxiliary facilities and the Arnold Engineering Development Center built for the Air Force in Tennessee.

### Represent University

During recent months University alumni have represented the University of Minnesota at college and university inauguration and anniversary ceremonies throughout the country.

Among recent representatives were *C. S. Copeland '37PhD*, University of Southern California, at the inauguration of Dr. Ralph Prator as president of San Fernando State College; *Elmer W. Engstrom '23BSEE*, New York, at the inauguration of Dr. Mason Welch Cross as president of Rutgers University, New Brunswick, N. J.

*Dr. Arthur T. Hertig '28BS*, Boston, at the inauguration of Asa Smallidge Knowles as president of Northeastern University, Boston; *Laurence Eldred Kirk '27PhD*, Saskatoon, Saskatchewan, at the 50th anniversary of the University of Saskatchewan, Canada; *Jack L. Van Volkenburg '23-29*, Santa Monica, Calif., at the inauguration of Samuel Brookner Gould as chancellor at the University of California.

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COAST TO COAST IN THE UNITED STATES

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In 1958, its manufacturing and supply unit, the Western Electric Company, did business with more than 30,000 other firms throughout the country. Nine out of ten of these suppliers had fewer than 500 employees.

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# Deaths

## Grads Before 1900

*Albert Graber* '88BA, 92, on Sept. 8. Graber is believed to have been the oldest alumni of the University. While attending he earned membership in Pi Beta Nu, the campus forerunner of Phi Beta Kappa, of which he was later made a member. He also was a member of the forerunner of Psi U fraternity.

*P. G. Swenson* '92LLB at Grand Forks, N. D., in June. Born in Trondhjem, Norway, in 1866, he received his elementary education in Iowa and practiced law at Hillsboro, N. D. He was appointed district judge in 1927 and served until his retirement in 1950.

*Roberta Pratt Locke* '94BA in a Minneapolis hospital following a long illness. Mrs. Locke, 87, was the last remaining woman member of the Class of 1894 and served as class president for life for the group. She was a Delta Gamma and Phi Beta Kappa.

*Dr. F. E. Cobb* '95DMD, 92, oldest graduate of the University School of Dentistry, in August. He was a charter member of Delta Sigma Delta, professional dental fraternity, and a member of Theta Delta Chi.

*Edwin Morrell Grime* '00CE in February in St. Paul where he was a consulting engineer.

*Mrs. Gertrude T. Noyes* '04, 77, former Minneapolis resident, at West Palm Beach, Fla., in August. She had served on the University alumni committee for furnishing the Winchell Cottages for women students.

*Dr. J. S. Abbott* '05BA at a St. Paul hospital in August. Dr. Abbott, 75, was a retired physician and surgeon and an assistant professor of surgery at the University for several years. He was a member of the Alumni Association of the Mayo Foundation.

*Dr. Gustave L. Rudell* '05BA, 83, Aug. 8 at his Minneapolis home. Dr. Rudell was known for his interest in young people and assisted 15 students through graduate and professional studies. In 1957 he was honored by the Minnesota State Medical Association for 50 years of practice.

*Mrs. Gertrude G. Shephard* '07BA, 73, retired Minneapolis school teacher in

August. She was a member of the American Association of University Women and the MAA.

*Herschel F. (Dick) Miller* '10LLB, 71, recently at Ft. Benton, Mont. Born Dec. 1, 1887, he was former mayor of Ft. Benton.

*John Pillsbury Snyder* '09-10, 71, of a heart attack last July. Son of the late Fred B. Snyder, longtime Regent of the University of Minnesota, he had a keen interest in government and politics and once served as a representative in the state legislature. He was a grandson of Minnesota Gov. John Sargent Pillsbury and his own son, John P. Snyder Jr., is a vice president of the Pillsbury Co. milling firm. He was a member of Chi Psi fraternity.

*Milton S. Lindholm* '11EM from a heart attack June 12 in Encino, Calif. Lindholm, a veteran of World War I, served with several mining firms in the west and had prospected for diamonds in the African Congo for the Ryan Guggenheim group. At the time of his retirement in 1952 he was chief geologist for a branch of the Phelps Dodge Mining Co.

*S. Prentiss Bailey* '14BA, 69, at his ranch home in Las Vegas, N. M. on June 8. A veteran of World War I, he took an important part in the formation of the American Legion in Paris and for several years was delegate of FIDAC, a French veterans organization. He was decorated by the French and Belgians with the Croix de Guerre and also was made a Chevalier of the Legion of Honor of France. He became associated with the Paris Branch of Chase National Bank in 1920 and eventually became manager of the branch, in which capacity he served until he was forced to evacuate by the invasion of German troops during World War II.

*Wallace E. Hamilton* '13-15, last summer. Hamilton, 68, a retired architect, was a lifelong resident of Minneapolis and a member of the University M-club.

*Mrs. Winifred Barry Dudley* '19BA, 62, in a St. Paul hospital in August. Mrs. Dudley at one time was assistant librarian at the Hill Reference Library.

*Dr. Newton J. Dobson* '19DDS, 61, in an automobile accident April 18. Dr. Dobson had practiced in Bay City, Mich., for 35 years. He was a member of Delta Sigma Delta.

*Hugo W. Wahlquist* '21BSE '22EE, 63, of a heart attack July 9 in New

York. Wahlquist was a prominent corrosion engineering consultant. Well known in the engineering field as an authority on problems of corrosion mitigation, he was the author of many technical papers, held patents on a number of developments in the engineering field and conducted extensive research on paints and other protective coatings.

*Arthur W. Tews* '24BSCE, 57, of a heart attack Aug. 23. Tews was St. Paul city engineer since 1957.

*Maj. Gen. John Morris Hargreaves* '22BS '24MB '25MD, 58, in Portland, Ore., June 7. Former Air Force deputy surgeon general, he was air surgeon of the Far East Air Force from 1952 until his retirement five years ago. He held the Legion of Merit and the Bronze Star.

*William H. Stead* '26PhD, 70, in Washington, D. C. in June. Professor of the University School of Business Administration until 1932, he also was former chief executive officer of the U. S. Employment Service. At the time of his death he was working with the National Committee for Economic Development.

*Maurice L. Ross* '31PhmC, 51, in August. A resident of St. Paul, he owned a drug store there for many years.

*Dr. Reiner A. Bonde* '22BSAg '38PhD, 63, last July in Presque Isle, Maine. He was professor of plant pathology at the University of Maine. A past president of the Potato Association of America, he was honored by the potato growers of Maine in 1949 for 25 years of research work.

*John E. McNamara* '39BEE, 41, in Tacoma, Wash. in June. He had been employed by Weyerhaeuser Lumber Co. in Washington since 1948.

*Herbert W. Julien* '47BA, 36, at his home in suburban Minneapolis on Sept. 9. He was a member of the Grey Friars and was employed in the advertising department of Minnesota Mining and Manufacturing Co.

*Ruth Seefeldt* '49BS in a mountain climbing accident at Banff, Canada. Miss Seefeldt, 31, was an associate editor of *Better Homes and Gardens* magazine since 1955. Before joining the magazine staff she had been a Minneapolis fashion writer, color consultant and interior decorator at several stores.



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young enough  
to be

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THE UNIVERSITY OF MINNESOTA

NOVEMBER 1959

# ALUMNI NEWS



GREEKS AT MINNESOTA

see page 9

# UNIVERSITY OF MINNESOTA

## ALUMNI NEWS

(Our 59th Year)

Continuing the Minnesota Alumni Weekly which was established in 1901, the Minnesota Alumni Voice and the Gopher Grad. Published monthly from October through June by the Minnesota Alumni Association, 205 Coffman Union, University of Minnesota, Minneapolis 14. Member of the American Alumni Council.

Vol. 59 NOVEMBER, 1959 No. 2

JOSEPH H. DAVIDSON '56BA ..... Editor  
EDWIN L. HAISLET '31BSED ..... Managing Editor

### THE MINNESOTA ALUMNI ASSOCIATION Executive Committee

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*Term expires 1962:* Theodore C. Blegen '12BA '15MA '25PhD, Arthur B. Poole '27BA.

*Term expires 1963:* Elmer L. Andersen '31BBA, John A. Moorhead '30BA, Arthur H. (Red) Motley '32BA, Cyril P. Pesek '25BS, Otto A. Silha '40BA.

*Representatives on Coffman Union Board of Governors:* D. G. Wolfangle '49BEE. *Representative on St. Paul Union Board of Governors:* Mary Ellen Hanson McFarland '43BS(HE). *Representatives on University Senate Committee: Athletics,* Elmer F. Engelbert '20BA, Leif R. Strand '29DDS; *Military Affairs,* Norman E. Hendrickson '16BSE, Robert L. Stuebing '32NG; *Student Affairs,* Madeline Roth Merriman '38BSED, Victor S. Roterling '49BA.

*MAA Standing Committee Chairmen: Honors,* Arnulf Ueland '17BA; *Investments,* John A. Moorhead '30BA; *Past President,* Arthur R. Hustad '16BA.

*Representing the Constituent Alumni Associations:* Axel Bendickson '52BSVetMed '54DVM, *College of Veterinary Medical Alumni Association;* Seymour Grossman '51BSPhm, *College of Pharmacy Alumni Association;* Leif S. Harbo '32MA, *Alumni Association of the College of Education;* Clifford L. Jewett '31BSChemE, *Alumni Association of the Institute of Technology;* Phyllis Lee '48BS, *School of Nursing Alumni Association;* Kenneth C. Glaser '42BBA, *School of Business Administration Alumni Association;* Neil E. McGraw '55AMS, *Mortuary Science Alumni Association;* Carroll K. Michener '07BA, *College of Science, Literature and Arts Alumni Association;* Roger R. Nolop '46DDS, *School of Dentistry Alumni Association;* Howard E. Olson '47BS, *Alumni Association of the College of Agriculture, Forestry and Home Economics;* Roy H. Teppen '30DSTC, *UMD Alumni Association;* Virgil J. P. Lundquist '42MB '43MD '53MS, *School of Medicine Alumni Association.*

*Representing the special non-constituent groups:* Carmen Ruth Nelson Richards '13BA, *Minnesota Alumnae Club;* Norb Koch '50BSED, "M" Club.

### Honorary Board Members

*Past Presidents:* William F. Braasch '06BS '04MD, Victor Christgau '17SchAg '24BSAg, George Earl '06BA '09MD, Arthur R. Hustad '16BA, Arthur O. Lampland '30BBA '34LLB, Harvey Nelson '22BS '25MD, Ben W. Palmer '11BA '13LLB '14MA, Wells

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## Cover Story

Three presidents — and alumni, present and future. That might well be the title of this month's Alumni



News cover picture. Wendell T. Burns 16BA, MAA president, took time out from his busy schedule recently to talk over Greek life on the campus with Tom Kalbrener, president of the Inter-Fraternity Council, and Diane McCleary, president of the Panhellenic Council. The

IFC and Panhellenic groups are inter-group councils serving, respectively, the academic fraternities and sororities on the campus. President Burns is a former fraternity man himself. How well fraternities and sororities are meeting the challenges arising today and the University's policy regarding them is touched on in this month's Alumni News starting on Page 9. (Photo by Paul Wychor)

J. Wright '36BSL '36LLB, Edgar F. Zelle '13BA, Francis A. Lund 1931-35, Hibbert M. Hill '23BSCE, Glenn E. Seidel '36BME, Leif Strand '29DDS, J. D. Holtzermann '21BA.

*Past Treasurers:* Thomas F. Wallace '93BA '95LLB, Arnulf Ueland '17BA, Wendell T. Burns '16BA, Sam W. Campbell '25BA '27LLB.

*Honorary Life Association Members:* Dr. J. L. Morrill, President of the University.

Second class postage paid at Minneapolis, Minn. under Act of Congress of March 3, 1879. Annual dues of the Association are \$5 of which \$4 constitutes a year's subscription to the Alumni News. Subscription for non-alumni: \$5 per year. National advertising representative: American Alumni Magazines, 22 Washington Square N., New York 11, N. Y.; phone GRamercy 5-2039. Published: Minnesota Alumni Association, 205 Coffman Union, University of Minnesota, Minneapolis 14, Minnesota.

## Football Fan

Dear Ed Haislet:

Your letter just came yesterday and the Minnesota boys are playing at Northwestern Saturday. I'd give anything to see them but it is impossible. I cannot leave the second floor of my home. However, I'll listen to them by radio. May they win!

Mrs. Lena Whitten  
McBrady '99BA  
1325 Main Street  
Evanston, Ill.

## Expresses Thanks For University

Dear Mr. Haislet,

Hoping to maintain contact with the University of Minnesota, I thought it only appropriate that it would be you with whom I should correspond.

Although having graduated this past June, I still feel obliged to

render what contribution I can as repayment for the many educational opportunities I have had during the last four years. Certainly appreciation of these opportunities as well as of the overall goals of a University of Minnesota education, the real significance of which cannot be immediately realized, should not end at graduation.

Wayne W. Anderson '59BA  
Princeton, N.J.

## Praises Professor

Dear President Michener:

I appreciate very much indeed your kind invitation to attend the First Annual Dinner of the College of Science, Literature and the Arts and the University College Alumni Association which is to be held in honor of Professor Emeritus William Anderson on October 22nd.

I regret very much my inability to attend, due to my duties at Med-

ford as City Manager. I should appreciate your conveying to Professor Anderson, however, my most sincere congratulations upon his selection as a recipient of the Outstanding Achievement Award.

As a former student of Professor Anderson's, I acknowledge my very great debt to him, not only in terms of the knowledge which he imparted, but also in terms of the personal inspiration which he conveyed to all of his students.

Professor Anderson is, and has been for many years, the leading authority in the United States on the subject of local government. His contributions to that field, as well as to the broader fields of American government and administration, well merit the award which is to be given to him.

Edward G. Conroy  
City Manager  
Medford, Mass.

From New York Life's yearbook of successful insurance career men!

## ARTHUR C. WOOD, Jr. signed up for lifelong security while still an Army Major!

A decorated Field Artillery Officer who rose from Lieutenant to Major, Arthur C. Wood, Jr., began a distinguished career as a New York Life representative while still on terminal leave. This was his first full-time job, and his keen interest in it led him to study for and earn the professional designation of Chartered Life Underwriter. Now in his fourteenth year with New York Life, Arthur Wood's fine sales record assures him of lifelong financial security under the Company's unique compensation plan.

Arthur Wood, like many other college alumni, is well established in a career as a New York Life representative. In business for himself, his own talents and ambitions are the only limitations on his potential income. In addition, he has the deep satisfaction of helping others. If you or someone you know would like more information on such a career with one of the world's leading life insurance companies, write:



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General Office

**Education:** Univ. of Okla.;  
B.S., '41

**Military:** U.S. Army, '41-'46;  
Awarded Bronze Star and Clus-  
ter; Presidential Unit Citation

**Employment Record:** Joined New  
York Life Oct. '45. Qualified  
for sales leaders' organiza-  
tions 8 successive years.

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*Dr. Paul E. Klopsteg,  
New A. A. A. S. President,  
Has interests ranging . . .*

## **From Archery to Income Tax**

An amendment to the internal revenue code aimed at equalizing the cost of giving for all taxpayers—H.R. 2440—which received its initial impetus and continued support from one of the University's most eminent alumni—Paul E. Klopsteg, winner of the University's Outstanding Achievement Award in 1950—will be very much in the foreground this month.

Primary objective of the amendment is increased gift support to both public and private higher education. The results will be a two-way street. It will (1) help to broaden the base of annual giving by alumni through encouraging recent graduates to contribute to higher education, and; (2) it will help to focus attention on the gift promotion policies and procedures of educational institutions so they can bring about increased private giving.

The proposed amendment, studied under a grant from the Ford Foundation and supported by the American Association for the Advancement of Science—of which Dr. Klopsteg is president—was introduced last January by Congressman Frank Thompson Jr. of New Jersey. The House Ways and Means Committee will hold hearings on amending the internal revenue code early this month and H.R. 2440 is one of the bills on which witnesses will be heard.

"I venture no prediction as to the outcome; but if the amendment doesn't pass, our colleges and University will increasingly become wards of the government as college populations increase," Dr. Klopsteg said recently.

The amendment is aimed at permitting the man of modest income to make a voluntary contribution to an institution of higher learning at the same out-of-pocket cost felt by a wealthy donor. Such is not the case now.

Its fundamental tenets are based on the irrefutable evidence that private philanthropy has made possible to a large degree the successes of the democratic system in this country.

Were we not collectively generous, our government could not, year after year, maintain its program of foreign aid for nonmilitary purposes. But we could not be collectively generous unless we were individually so. If, then, the present total of gifts for public causes is relatively low, the reason is to be found not in the individual's unwillingness but rather his inability to be generous.

If a man in the top income bracket wants to give \$100 to his alma mater, only \$9 of the gift comes out of his own pocket for he saves \$91 on his federal income tax payment. However, if a man in the 20 per cent bracket gives \$100, \$80 comes out of his pocket for only \$20 is saved on his tax payment.

Under the provisions of the amendment, both men would compute their tax liability in the present fashion, except that they would not include gifts to institutions of higher learning in computing deductions from adjusted gross income.



#### Provides 91% Exemption

After the tax is computed, both the wealthy donor and the one of modest means would be entitled to subtract from their tax payment 91 per cent of the amount each had contributed to institutions of higher learning (within an upper limit of 15 per cent of adjusted gross income).

"It has attracted a lot of attention," says Dr. Klopsteg, "and something may yet come of it to rescue universities and colleges from the threat of government subsidy from here to eternity.

"This bill represents the only opportunity that I can see for maintaining the financial and even intellectual integrity of our institutions of higher learning, in view of the deluge of students that is on the way. What I hope it might do is prevent deficit operations with increasing loads so that the government does not have to enter the picture beyond where it is now."

#### Private Support Needed

Private, not public support, is needed to keep our colleges and universities solvent, Dr. Klopsteg feels. And this private money must come from a "great number and diversity of sources to assure complete independence from outside influence or control." To do this, the cost of the gift dollar to the person with low income should be no greater — and preferably less — than its cost to the wealthy donor.

In August the AAAS mailed original letters to each of 1,400 college and university presidents, calling attention to the bill and the proposed hearings and suggesting that they write their Congressional delegations and take other steps to develop interest.

"Where the gift dollar goes, the giver's interest follows. His interest continues as he sees the dollar to its destination and observes the intended beneficial results.

"On the other hand, if the money is paid to the collector of public revenue, a curtain is dropped at that point against the taxpayer's further interest in his dollars, for their destination is now obscured.

"No better way has appeared to



Dr. Paul E. Klopsteg

stimulate a citizen's interest, and to encourage him to become active in public causes, than to make possible his financial participation in them," Dr. Klopsteg concludes.

Dr. Klopsteg's preoccupation with today's problems of higher education come quite naturally to him. With a full background of university, government and industrial scientific work, he is well versed in the problems that could arise as a result of too much government aid.

Since his retirement from Northwestern University in 1954 he has, as he puts it, "used the little time I could claim as my own to ponder the problem of financing higher education."

#### Articles Published

The results of his ponderings,

stimulated and helped by his occupying a front-row seat in Washington where he still serves actively as associate director for research for the National Science Foundation, were published in 1956 in two articles in *Science*, publication of the AAAS. The articles provided the impetus for the consequent study and introduction of H.R. 2440 into Congress.

Dr. Klopsteg — alumnus, educator and more recently president of the American Association for the Advancement of Science — was born in Henderson, Minn., on May 30, 1889. In 1911 he graduated from the University with a bachelor's degree in electrical engineering. He showed an early

(Continued on Page 29)

Beginning with World War I and especially since World War II, industry and the government have become concerned with the problem of identification, development and utilization of talent.

The need for manpower with above average intelligence has done more to focus attention upon the needs of the gifted than years of effort by educators to do the same.

The University of Minnesota, one of the true pioneers in this field, has continued its leadership during these crucial times and last month held its second annual conference on gifted children. The conferences are offered by the Center for Continuation Study in cooperation with the College of Education.

The 1958 conference, believed to have been the first of its kind in this country, attracted noted educators from all parts of the nation in addition to many outstanding University faculty members.

The *Psychometric Approach to the Study of Talent, Enrichment of School Curricula and Personality Dynamics of Under-Self Evaluation Among Intellectually Talented Freshmen* – these and other papers equally incomprehensible to laymen – were presented, discussed and analyzed with one goal in mind: the identification, development and utilization of talent, this country's most precious and most perishable natural resource.

Every year thousands of America's brightest youngsters end their formal education with the high school commencement program. Potential scientists, doctors, teachers and engineers who might have developed into leaders in their fields are lost because they lack drive or money or an awareness of their own potentialities.

#### Loss to Nation

Waste of intellectual resources is a loss to the nation, of course, but perhaps even more important is the loss to the person concerned.

Since Sputnik, the public has been concerned about a problem which has been vital in psychology and education for the past 60 years. A nation that for years has been

University Educators Study the

# Care and Feeding of the Gifted Child



preoccupied with mass education suddenly and without apology begins to think in terms of superior opportunities for superior students.



As the 1958 Rockefeller Report on Education puts it: "We must no longer discuss quantity versus quality, but strive to develop individual potentialities to their maximum at all ages and at all levels of education.

"It is difficult not only to identify and guide talented students but also to stimulate them to achieve their potential abilities. Once a child's abilities have been charted as a result of a series of tests, various types of programs must be devised to meet his needs. Our schools have done a fair job in identifying differences, but have not yet solved the problem of providing a varied program to satisfy these differences."

In the 1958 conference on gifted children, Prof. Dale B. Harris, former director of the University's Institute of Child Development and Welfare, pointed out that in 1940 there were 604 cities in this country giving special educational attention to the mentally deficient but as late as 1950 there were only 36 cities reporting any special attention being given to gifted children.

#### Several Research Projects

What is being done by the University and throughout the state to  
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combat this appalling situation? Fortunately the University, particularly the College of Education, long ago realized the need for superior educational opportunities for superior students, and accepted the challenge.

The Bureau of Educational Research, under the directorship of Dr. Paul E. Torrance, currently is engaged in a number of research activities in the area of the gifted.

Included in the research activities is a study entitled *Explorations in Creativity in the Early School Years*, carried on under a grant from the U.S. Office of Education. Tests were developed which were designed to tap creativity in children and these were administered to children at various grade levels along with standardized intelligence tests. A portion of the study was conducted in the University of Minnesota Laboratory School where comparisons were made among students classified as gifted in terms of I.Q., those gifted in creativity and those who were superior in both I.Q. and creativity.



Another study is comparing the mathematical learning of gifted children in the Greater Twin Cities area with that of gifted children in the Greater London area to determine whether or not alleged differences (at 11 years British chil-

dren are far ahead in mathematics) do exist as far as gifted children are concerned. If differences are found, possible explanations will be explored such as teaching methods, methods of grouping, amount of homework and proportion of failures in early school grades.

The College of Education also held a Counseling and Guidance Institute last summer with funds granted by the U.S. Office of Information under authorization of the National Defense Act.

The institute, attended by 70 students, was designed to increase the understanding and competency of counselors in their work with superior students, with a focus on techniques of identification and educational and vocational planning.

#### Plan Future Institutes

Applications are now being made for a similar institute in 1960 and also for the regular academic year of 1960-61. If applications are approved there will be 70 enrollees again next summer and approximately 40 for the full academic year.

In addition to the battery of tests already administered by the Minnesota State-Wide-Testing Bureau to freshmen, juniors and seniors in high school, the service is collaborating with the Minnesota National Laboratory, Mathematics Section, on a correspondence course to be offered to the top one-half of one per cent of the 9th and 10th graders in the state.

The Testing Bureau will identify these students and will define for superintendents the students who will be eligible for this course. It will consist of School Mathematics Study Group 9th and 10th grade courses, together with supplementary enrichment materials. If the project is successful, such courses will be offered to the top one-half of one per cent of secondary school students, 7th grade and up, the following year.

#### Able Teacher Essential

Recognizing the fact that nothing can replace the gifted and able teacher as the most essential factor in inspiring the ablest students to

do their best work, the College of Education also offers special courses related to gifted children, including *Education of the Gifted Child* and *Psychology of the Gifted Child*.



A special sequence on mathematics for gifted children in the elementary school by Prof. P. C. Rosenbloom of the Institute of Technology, was offered in 1958-59 and the University of Minnesota, Duluth, offered a special workshop and demonstration program on the gifted child last summer.

In 1957 Prof. Rosenbloom taught a course in advanced mathematics to 27 5th and 6th graders in south Minneapolis. The course, which was held outside regular school hours, was for students with a minimum I.Q. of 120 and attracted students from about a dozen schools.

His goal is to develop a collection of problems which can be used either in special classes in conjunction with his text (which was published last year) or for enrichment in a class not selected for ability.

Numerous summer institute programs are held for teachers at the University including, last summer, courses for physics teachers, high

school teachers and a course in field biology for elementary teachers.

But money, as well as public education and interest, is needed. It is hoped that definite strides will be made in the next two years. A special legislative interim committee has been appointed to study and make recommendations regarding school programs for the gifted and undoubtedly there will be call and opportunity for University representation at sessions of this committee.

In 1957 the legislature approved an advisory board on the handicapped, gifted and exceptional children and appropriated money



for its operation. Dr. Maynard C. Reynolds, chairman of the division of special education in the University's College of Education, is chairman of this group.

#### Leadership Needed

But a general leadership throughout the state must be established to coordinate all efforts.

Even the apparently obvious desirability and necessity of special opportunity for special students has drawn intense fire from some quarters, however.

Bruno Bettelheim, educational psychology professor at the University of Chicago, compares special classes for the superior ability student with segregated schools in Little Rock and predicts a new caste system based on intellectual

gifts and educational achievements.

Another educator, George Bereday, professor in comparative education at Columbia, sees the begin-



ning of new social barriers raised with special classes.

Gov. Orville Freeman, speaking at the opening of the first conference on the gifted, expressed the opposite point of view.

"Special opportunity for the gifted would be undemocratic only if provided *at the expense* of educational opportunity for all.

"It is no more undemocratic to provide special opportunities to our most educable children than it is to provide special care and training for our least educable, to provide special facilities and opportunities for the handicapped."

Through research, special courses and a continued concern with the problems facing education on all fronts, the University is doing its part.

**Will Minnesota start the first Alumni Club on the moon? It could happen if Capt. Donald Slayton has his way. Capt. Slayton is one of this country's first seven astronauts and may be the first man on the moon. Read his story in next month's Alumni News.**

# What About the Greeks?

## *A constructively critical view of an important facet of University life— Fraternities and Sororities*

Is the Greek system an important facet of University life today?

Undoubtedly, yes.

Is it a good system?

For the most part, yes.

Is there room for improvement?

Definitely, yes.

That, at least, is the opinion of Paul O. Becker, graduate student, former national officer in his fraternity and currently adviser to academic fraternities on the Minneapolis campus.

Becker, a young man who says what he believes and believes what he says, is one of the few real "authorities" on the Greek system at Minnesota—informed, interested and able to take a constructively critical view of fraternities, their bad as well as good points, and the particular problems that confront them in these days of mushrooming enrollment figures throughout the country.

For the most part, people are relatively uninformed about the Greek system. Distinct battle lines are drawn between the "pro" fraternity and "anti" fraternity factions, usually with little knowledge

or concern for the real issues involved.

Proponents argue that academics are the "life blood" of campus activities and point with pride to the vast number of service projects fraternities and sororities concern themselves with.

They argue that through fraternities and sororities young people are given their best chance to learn to adjust to living, working and getting along with others—that they encourage students to broaden themselves through outside activities and take a real and lasting interest in their University.

Opponents are just as vociferous, arguing that the Greeks are snobbish, that they are too dependent on their national parent groups and consequently place national fraternity rulings above University policy when there is a clash between the two.

Charges leveled against fraternities *always* mention discriminatory clauses, barring from membership certain races and religions; attack "hazing" or "hell weeks;" and accuse them of sub-par scholarship standing among members.

### Some Criticism Valid

Some of the criticism is valid, some is unfounded, but the fact remains that fraternities are an integral part of University life.

University President J. L. Morrill, speaking of fraternities, has said:

"Fraternities play an important part in the social and educational program of the University, and act as organized groups available for immediate contact and assistance in the University function."

E. G. Williamson, dean of students, puts it another way:

"Fraternities at Minnesota train their members in a spirit of service to the University. It is this loyalty which aids so much in furthering the educational enterprise in which the University and its component parts are engaged.



**THERE'S MORE TO FRATERNITY** and sorority life than good times but close relationship with fraternity brothers and sorority sisters plays an important part in the entire Greek system.

"Fraternities serve through active support of the extra-curriculum. The members contribute by their mature and responsible participation in the program of the University community. The result is prestige for the group, invaluable training for its members in the business of democratic government and furtherance of the University's aim of broad education for the individual."

#### An Active Few

Much of the activity which takes place at the University, while not particularly located on the rows, nevertheless stems from the people who make their homes in one of the academic fraternity or sorority houses, despite the fact that only about 11 per cent of the undergraduate student body is Greek.

What might be less known but is equally as important is the number of service activities they perform for the University and the community.

Dozens of charities benefit from the Greeks' amazing capacity for activity and each group also has its individual philanthropic project.

Last year \$7,500 of the proceeds from the annual Greek Week went to KTCA-TV, the area educational television channel, and in 1957 more than \$23,000 was given to Easter Seal Camp Courage.

The Campus Carnival, two-day annual event sponsored by the Social Service Council, owes much of its success to fraternities and sororities. Most of the Carnival proceeds go for scholarships.

#### Bias Clauses Exist

Only three fraternities at the University still contain bias or discriminatory clauses in their constitutions, a drop of 40 in the past 10 years.

In 1949 a student-faculty senate committee on student affairs passed a ruling ordering Greeks to remove bias clauses. As recently as 1953, only six had complied.

The policy stated that all groups with bias clauses had to submit annual reports on their progress in getting the rulings repealed if they wanted to remain recognized campus organizations.

Interestingly enough, members themselves have taken the initiative in having the clauses repealed — through mass mailings to alumni and other chapters and active participation at national conventions.

If the organizations openly defied their national charter and constitution, it probably would result in loss of national affiliation with its

carry is followed through right down the line.

#### Chapter Judicaries

Under University guidance, each chapter formed its own judiciary where most misconduct by members is tried by their own brothers. The program has been tremendously effective.

"Hazing" and "Hell Weeks" are



**MORE THAN 16,500 PERSONS** attended last year's Campus Carnival. Though sponsored by the Social Service Council, a student-faculty governing board, the Greeks contribute substantially every year to its success.

accompanying advantages.

Realizing this, the University has set no deadline for removal of the offending clauses. University policy has been to give the students as free a hand as possible — to educate rather than mandate, knowing that with education comes a certain degree of acceptance.

The three offending fraternities, incidentally, were founded in the South and more than half of their total national membership still is in Southern colleges.

The policy of giving the Greeks as much responsibility as they can

a thing of the past. Taking their place is "Help Week" which takes many forms but most often projects at the fraternity house rather than pranks. Some groups also do various social service projects.

Charges that sub-par scholarship standing exists among Minnesota Greeks are unfounded. The *minimum* scholastic standard required for membership in a fraternity is *higher* than that required for entrance into the University itself. A freshman must maintain a "C" average for one quarter before he can be initiated. Any person who doesn't maintain this average can-

not be initiated even if he has pledged.

Realizing that it is unfair both to the student and his fraternity if he cannot maintain the pre-established scholastic standards (and they are trying even now to have them raised), the University has formulated an "Eligibility Prediction" for incoming students.

By studying his high school grade record and results of aptitude tests, it can be predicted fairly accurately those students who stand a 50 per cent or better chance of maintaining the "C" average, and consequently those students who will be a credit to themselves, their University and their chapter. The plan has been so successful that universities and colleges throughout the country have used it as a pattern for similar programs.

#### Top in Big 10

Minnesota currently is the only Big 10 institution where the fraternity average is higher than the all-male average. Fraternity average is 2.475 (straight "C" is 2.0) while the all-male average is 2.3.

And more than 75 per cent of the total people in the fraternity system still find time to work part time!

So, in a very real sense, fraternity membership is no less a learning process than actual classroom attendance. Like scholastic work, benefits are derived according to how a student applies himself. Fraternities offer friendship, social outlets, good living accommodations, opportunities for a student to develop his personality, encourage leadership, how to get along with others of diverse interests and encourage scholarship.

But there are disadvantages, as well.

With the emphasis placed on extra-curricular activities, participation in outside affairs and the other demands placed on a fraternity member's time, some students are pushed too far. When this happens, a student's health, studies, or both may suffer.

Becker also points out that fraternities, for the most part, have failed to readjust themselves to our accelerated times.



**WHAT ABOUT THE GIRLS?** Is fraternity and sorority activity "kids' stuff" as this picture seems to indicate? So-called "experts" disagree but the fact remains that the "kids" donated more than \$23,000 to Easter Seal Camp Courage in 1957 after the annual Greek Week, part of which is shown above.

There is no place today for the fraternity or fraternity member as they existed 10, 20, 30 or 50 years ago. Times have changed and the Greeks have not kept pace. This is a time of change and modification and they have failed to meet the challenge. Standards should be realigned, geared more to the academic and serious side.

#### Growth Poses Threat

The astounding growth of enrollment in colleges throughout the country has posed a real threat to fraternities. The trend both at Minnesota and other campuses has been a waning of fraternity membership and influence. Though overall membership nationally has not dropped, it has not kept up proportionately with the increase in enrollment.

The alternative to immediate and decisive unified action on the part of fraternities is a "demoralized, ineffectual fraternity system which allows a few chapters to slip away each year."

One final point should be made with relation to academic fraternities and their influence — or lack of it — in later years.

From all indications, the degree of professional help depends on whether the fraternity is academic or professional. The usefulness of an academic organization depends mostly on the value of the name and the possibility of finding employment with a fraternity brother who may feel a sort of kinship with other members of his house. Most professional organizations, however, go a long way toward helping members get a good start after graduation.

As a service to the University, their value is inestimable. And their service continues long after the graduation of chapter members. Those most active in fraternity (and, as a result) student affairs, generally continue their interest in the University, many of them becoming active alumni supporters of their alma mater.

# Memo

TO Association Members  
FROM Executive Secretary  
SUBJECT University Enrollment

Enrollment figures just released show a total of 26,538 students, 30 less than a year ago. The estimate was for 27,000 students. Why the decrease? Many factors enter into the picture: tuition was raised \$15.00 per quarter—from \$56.00 to \$71.00; (for most resident undergraduates) a higher overall cost of going to college; the steel strike which is being severely felt on the Range causing students to go to school closer to home; the continuous increase in the academic requirements of the University; a lessened opportunity for graduate students to obtain teaching assistant and teaching fellow positions. The last two points, along with the tuition increase, are the direct result of a financial cutback by the University because of reduced legislative support. However, according to R. E. Summers, Dean of Admissions, the apparent plateau in University growth does not affect the University's long-range enrollment estimates.

According to our alumni records, the University has 1,457 alumni residing in countries outside the United States and its territories. For instance, we have 68 alumni in Africa, 258 in Asia, 291 in Europe, 147 in South America. India has the largest number of alumni—100; the Philippines are next with 80.

The number of overseas alumni is rapidly expanding and it is the hope of the Alumni Association to be able to keep in close contact and be of more service to them. Recently, Dr. Forrest Moore, on a grant from the Carnegie Corporation in New York, visited 268 alumni in fifteen countries with the purpose of finding out what they wanted in the way of a continuing relationship with the University. Alumni contacted indicated that they would like to receive general information about the University through the alumni magazine, but although they would like to receive the magazine, because of the value differentials between local currency and the United States dollar, it was almost impossible—financially. When this matter was brought before the Alumni Board of Directors it was voted that a special rate be instilled for our international alumni.

The new membership rate is but one part of a new program of alumni relations now being effected in behalf of our foreign alumni.



For the first time in the history of the Association, membership this month will exceed 16,000. While this is a lot of people, yet it represents but a small percentage of our potential (103,000 on active mailing list). Right now we are in the midst of a drive for new members—and you can help. All you have to do is get one new member for the Association this month. Actually, it means one phone call. You can see what it would mean if all 16,000 members would do this! So, won't you call a friend or classmate and urge him to take out a membership? The membership fee is only \$5.00 annually. It will take only a few minutes on your part. Do it, won't you?

Just a year ago last July, our records system was changed to a punch card system. The system is working fine. What we want to do now is to make our records better. Last year we made over 26,000 address corrections. Americans are always on the move—over 20 percent, or one-fifth, move each year and college graduates move even more often—about 30 percent each year. So, you see our job! Every time we make a 100,000 mailing, we lose 3,000 alumni because of insufficient addresses. People move and don't leave forwarding addresses. They move and don't let us know. If in the near future you are about to move, please let us know your new address. Actually, we have a large file of paid-up memberships for alumni who have moved—and we don't know their addresses—and their membership is waiting for them. From time to time we are going to publish a list of alumni with insufficient addresses. If you know someone on the list—and know his address—drop us a line. It will be appreciated.



In closing, don't forget the Third Annual Southwest Alumni Reunion January 7-8-9-10, 1960. Reservations are now being accepted; the price just \$14.00 a day, American plan; the place is world-famous Camelback Inn in Phoenix. All alumni and their families are invited. This is your chance to live like a king—so, get your reservation in early.

Sincerely,

*Ed Havel*

Nobody's ready to open the floodgates yet, but more football players have poured into the University from outside of Minnesota the past few years than ever before.

Represented on the first two Gopher units are such distant locations as Uniontown and Clairton, Pa., Wilmington, Del. and Lyons, Ill., as well as nearby Wisconsin Rapids. Among the reserves on the varsity are natives of Fargo, N.D., Sioux Falls, S.D., Cutbank, Mont. and Ardmore, Pa.

To followers of the Iowa Hawkeyes, Northwestern Wildcats or other rival Big 10 football machines, such a list wouldn't exactly bring to mind a travelog. Of the 59 players on the early fall roster at Iowa, only 12 hail from within the state. About 63 per cent of the Northwestern players live outside Illinois.

But this isn't Iowa or Northwestern. This is Minnesota where a winning football tradition was built with home-grown players in the 1930's and early 1940's, where a winning football tradition was torn down with home-grown players in the 1950's.

Gradually, as the losses mounted in recent years, men in the athletic department realized that a return to prominence might require some recruiting away from the Land of Sky Blue Waters. So, just as gradually, Gopher coaches and M men everywhere started their sales talks.

And here are Sandy Stephens (Uniontown), Tom Hall and Jack Mulvena (Wilmington), Bob Deegan (Lyons), Judge Dickson (Clairton) and Bill Kauth (Wisconsin Rapids) of the top 22 plus Dave Mulholland and Ed Kelly (Fargo), Bob Frisbee (Cutbank) and Joe Salem (Sioux Falls).

Distance meant nothing to several freshmen, either. Three more came from Delaware and one each from North Carolina, Pennsylvania and Illinois.

Now that they're here, now that some of them have passed up offers from scores of colleges, one question remains: What brought them here?

### ***Out-State Players Are Helping to Make Up***



Stephens

## **The Gopher "Nationals"**



Deegan

by

**David Butwin**

**Minnesota Daily Sports Editor**

Ask them all and you'll get various answers. They'll claim that academic standards of the University, a friendly alumnus or the desire to play Big 10 football brought them here. Most often they'll credit the influence of a Minnesota coach like Jim Camp, Bob Bossons or Denver Crawford.

Like many of the others, sophomore end Hall visited the campus



Kauth

correspondence and that Coach Camp wrote, too. Don Fisher, a Minnesota grad from Chippewa Falls, talked to me quite a bit."

Reserve center Frisbee can rattle off five reasons for making the trek from Cutbank: "I wanted to play Big 10 ball, Minnesota was the first to contact me, I liked track and knew about Mr. Kelly's great reputation as a coach, Denver Crawford (line coach) came to see me and a local graduate talked to me."

All that smog out in the Pennsylvania coal fields didn't prevent Dickson and Stephens from seeing a deficiency of good backs at Minnesota.

"I knew," says Dickson, "that Minnesota always had a good line, but they needed some good backs. All a halfback wants is a good line ahead of him, and I knew I'd get it here."

News of All-Americans like Paul Giel and Bob McNamara also reached the quiet town of Clairton. "I read about them both," Dickson says, "and in a way I idolized Mac."

Stephens doesn't hedge when

before deciding. "I met a lot of nice people here on my visit," Hall says, "and I was really impressed with them."

Then there was the matter of wanting, above all, to play in the Big 10 and finally that visit with the coach.

"Coach Bossons lived with Mulvena and me for awhile," Hall says, "and more or less talked us into coming here."

Minnesota coaches also helped get Kauth. By the time he graduated from high school in Wisconsin Rapids, Kauth had narrowed down his choice to Wisconsin and Minnesota. But the question was, which one? He enrolled at Wisconsin, just 100 miles from his home, then changed his mind and came west 220 miles to Minneapolis.

"I still can't pinpoint my reason for coming here," Kauth says. "I remember that Billy Murphy (then backfield coach) did most of the



Mulholland

you ask him why he picked Minnesota over 50 other schools.

"There was supposed to be a shortage of quarterbacks," he says. "I wanted to play football."

Another Pennsylvanian, Bob McNeil, also had a wide selection of college offers. He eventually chose



Mulvena

Minnesota because of "its top academic standing," and the convincing words of his mother, his high school football coach and Jim Camp — but not a friendly alumnus.

Nowhere, at no time, McNeil emphasizes, did alumni from Minnesota approach him.

"I went to a banquet with four or five other kids," McNeil says. "There must have been 10 alumni there, but they didn't say a word to me. Coach Camp did the selling job."

Then, in frank and serious tones, McNeil adds: "Those alumni better get busy in eastern Pennsylvania."

Sooner or later they probably will get busy there and in all corners of the country, but it may be many years before those floodgates are opened.

*Bowing Gracefully to Progress . . .*

## Northrop Field Becomes A Memory

by

Richard Wagner

The November air was clear and cold. The crowd roared its approval as All-American Earl Martineau crashed off tackle for a first down. As the final seconds ticked off, the score read Minnesota 20, Iowa 7.

The place was Northrop Field — the year was 1923.

The roar of the crowd has since faded and in its place is heard the roar of bulldozers and steamshovels, the clatter of construction. A vital part of Minnesota's football history has given way to University building progress.

With the University bursting its seams already and preparing for an onrush of 38,000 students on the Minneapolis campus by 1970, Northrop field has given way to a new engineering building. But though the field is no more, the memories remain as strong as ever.

It was named in honor of the University's second president, Cyrus Northrop, and built with funds donated largely by one of Minnesota's first football greats, Alfred Pillsbury.

Starting in 1899 and for the next 22 years, Minnesota rose to national prominence as a football power. The major reason for this upsurge was the outstanding effort put forth by one man, Dr. Henry L. "Doc" Williams.

A Yale graduate, Doc Williams came to Minnesota in 1899 from William Penn Charter school where he had been in charge of outdoor athletics. He previously had coached at West Point.

His first reaction to Northrop field was hardly one of enthusiasm. "Is this the best you've got?" he asked.

The answer, though not encouraging, evidently was to his liking and on that note he began his 21-year career at the University. In fact, only one other Minnesota coach directed a team on Northrop field. When Williams retired in 1921 he was succeeded by William K. Spaulding who headed the Gophers for the next two years.

Even though Williams joked about Northrop field, when the field was finished it was the finest in this

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part of the country and included, in addition to the gridiron, a baseball diamond, tennis courts and a quarter mile track. A grandstand provided seating for 10,000 and the bleachers and standing room increased this to more than 20,000.

The formal dedication took place on Nov. 4, 1899. Professor F. S. Jones, chairman of the faculty committee on athletics, dedicated the field "to University athletics, clean sport and victory when it might come honorably."

The conditions necessary for victory apparently were absent that day as the Gophers lost to Northwestern 11-5.

The last game played on Northrop was the Iowa contest which Minnesota won 20-7.

In between there were many games and many memories. Northrop was the home of Minnesota's Big Ten champions in 1900, '03, '04, '06, '09, '11 and '15.

The season of 1903 was, in many respects, one of the most remarkable ever experienced by a Minnesota team. All of the games except that with Michigan were won by large margins and even that was a virtual victory, although the score was tied when the final gun sounded.

In some of the minor games of the season, however, the team fell much below the standard in spite of victory. The games with Lawrence and Beloit, although Minnesota won both games by identical scores of 46-0, were characterized by "inexcusably loose playing" and were an exhibition of "horseplay that brought on Minnesota the condemnation of all lovers of the sport."

The Iowa game that year was won by the largest score ever made against a team representing the former Big Nine Conference, 75-0. The Illinois game was won by a score of 32-0 and Macalester bowed 112-0. However, the Wisconsin game, which was won 17-0, is counted as one of the greatest games ever played by a Minnesota team because of their remarkable teamwork.

One of Minnesota's most out-

NOVEMBER, 1959

## Remember When?



**NORTHROP FIELD'S INITIATION** was disappointing but not tragic as they bowed 11-5 to Northwestern on Nov. 4, 1899. The Gophers fared better in the final game played on the field in 1923, though, dropping Iowa 20-7. This photo was taken in 1903.

standing games was against Grinnell in 1904. The final score, 146-0, broke the world's record for scoring. Seventy-three points were scored in each half.

Williams built powerful teams around a system of play—largely his own — which made Gopher elevens famous throughout the country. During his first season at Minnesota he developed an undefeated team, the strongest produced in the West until that time, and one whose steam roller progress gained for the Gophers the name of "Giants of the North."

With but few exceptions his teams were successful. Up until 1920, Minnesota never was defeated more than three times in any season, and that happened only once—in 1912.

Many great players in the annals of Minnesota football began their careers on old Northrop under the firm hand of Williams. Minnesota produced four All-Americans in this period.

The first was John McGovern, judged the best quarterback in the country in 1909 and given a berth on the All-American eleven.

James Walker, a tackle, the second Minnesota player to be chosen on a Walter Camp eleven, received a place on the 1910 team. Five

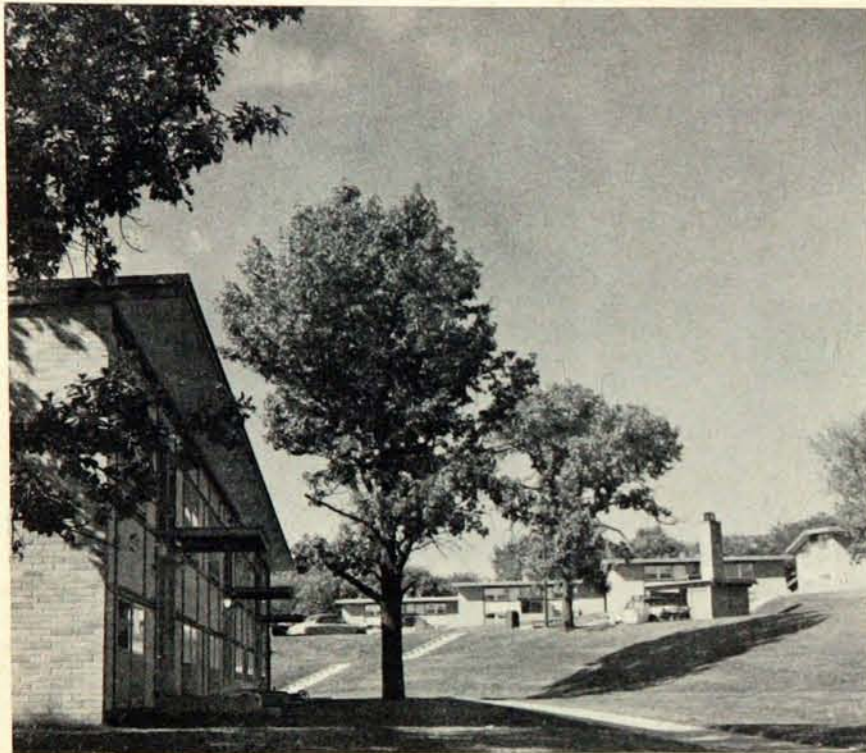
years later, in 1915, a third Minnesota was given a place on Camp's All-American when Bert Baston was named as end for that year and the next.

No All-American selection was ever more joyously received than that of Earl Martineau as halfback on the 1923 team. Without the benefit of a brilliant team record, Martineau won recognition on the strength of his individual performance.

Five of Williams' players became nationally famous coaches: Gil Dobie at Cornell, Ossie Solem at Drake, Clarke Shaughnessy at Loyola, Dr. Boleslaus "Rosie" Rosenthal, who, for eight years was line coach at the University of California, and Minnesota's own Bernie Bierman.

Of all Northrop's unforgettable moments, however, none will surpass the 6-6 tie with Michigan in 1903 when an overflow—and then record—crowd of 20,000 watched Sig Harris and Co. launch the Little Brown Jug tradition against Michigan's "point-a-minute" team.

With the construction of Memorial Stadium in 1923, Northrop became a practice field. But now progress and the bulldozer have taken over and old Northrop and its glorious past are memories.



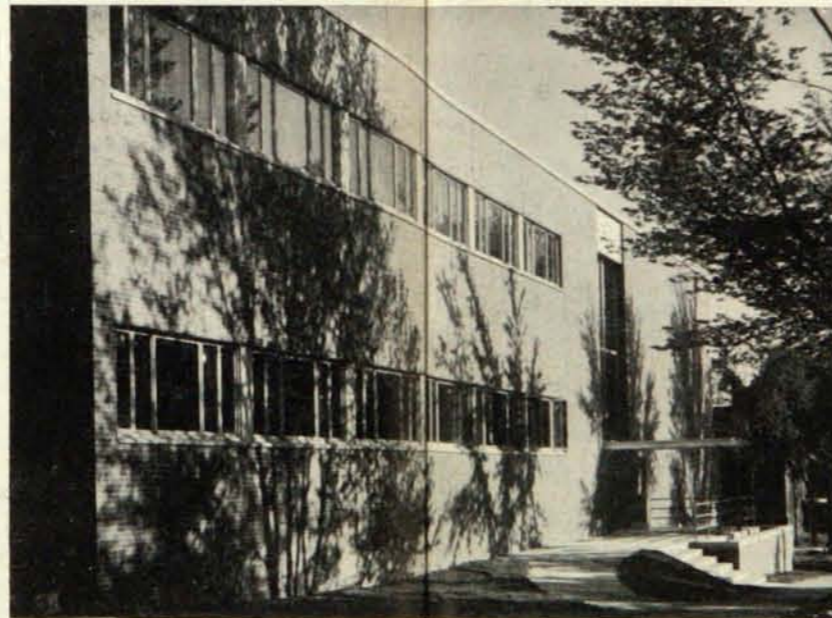
**THE ADDITION, SINCE LAST NOVEMBER,** of 120 married students' apartments on the St. Paul campus, brought the total to more than 230 family units available. Commonwealth Terrace, located near the intersection of Como and Cleveland avenues, eventually will house 380 families. The development is exclusively for married students.



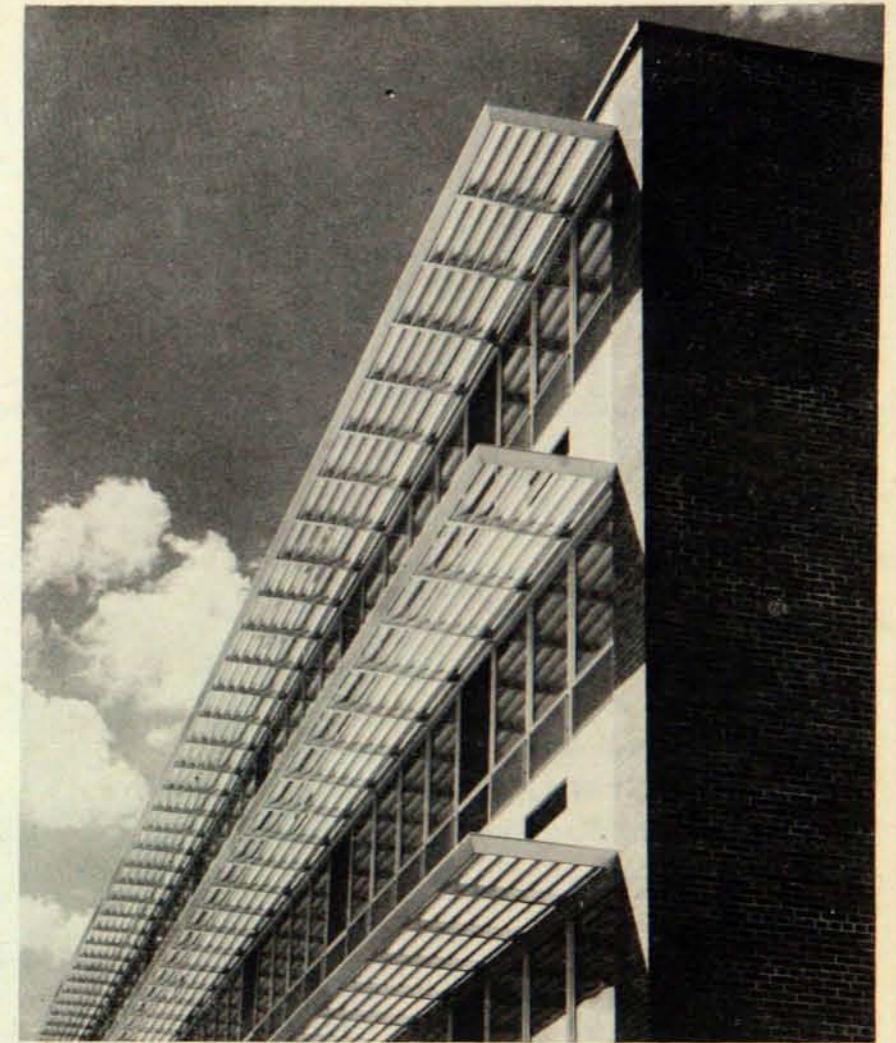
**ONE OF THE MOST RECENT** additions to the University medical family is the Veterans of Foreign Wars Cancer Research Center which was completed last summer. It was dedicated in September.

## *University Photographers Capture*

# The Changing Face Of The Campus



**THE NEW \$1,900,000** Dairy Industries Building on the St. Paul Campus was dedicated Sept. 15. The first unit of the new building was completed early this year and the second is now being finished. The new building has facilities for research and instruction on every food product made from milk.



**THE DRAMATIC THRUST OF** aluminum sunshades forms this composition made by UMD's new social science building, latest addition to the campus interconnected community. The dramatic new \$800,000 building was dedicated Oct. 17 as a part of Duluth Homecoming festivities. (Photo by Ken Moran)

The University dream of West Campus expansion — now an assured reality — appears to have heightened rather than slowed work on other University of Minnesota campuses throughout the state.

New facilities and the "face-lifting" of existing buildings and facilities seem to be the order of the day recently as University campuses put on their best look, with the old-timers and newcomers alike preparing to welcome the latest addition to the ever-growing University family.

The Minneapolis and St. Paul campuses vied with one another in amount of work recently completed, but Duluth, Crookston, Morris and Waseca also came in for their share of additions and improvements. Construction also began on a research laboratory at the Hormel Institute at Austin.

On the Minneapolis campus, construction has begun on the new architecture building and on

the Jackson-Owre Halls addition. The new mines and metallurgy building, Frontier Hall men's residence and the VFW Cancer Research Center have been completed with the University Health Service addition scheduled for completion this winter.

Burton, Nicholson, Folwell and Jones halls were cleaned and then sprayed to prevent deterioration, and the administration building was re-roofed. Work also has been started on the chemistry building which was damaged by fire and a medical research laboratory was opened in a former dry cleaning establishment on Washington ave. S.E.

In St. Paul the plant science building and horticulture and soils greenhouses were completed. The dining center adjoining the new student center, the addition to the dairy industries building, the forest products building and 120 additional married students' housing units also lack only the finishing touches.



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## The Real Mac Guf

by Robert Provost  
Director, Greater University Fund

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The above represent but a few names on a list of nearly 100 companies which will match contributions made by their employees to their Alma Mater.

Working for a company that will match your contribution to the University of Minnesota places you in the unique position of being able to give "two-dollar dollars." However, this in itself provides very little reason for you to write a check to the University of Minnesota. Few people are motivated to give because their gift will be matched by their employer. We need to convince you that your gift will help the University of Minnesota.

The rapid increase in corporate matching gift programs has followed the pioneering effort of the General Electric Company. One of the reasons behind matching grants to higher education is to encourage educational institutions to "get on the ball" in soliciting their alumni in behalf of their many needs.

To take advantage of corporate matching gift programs, emphasis must be on "WHY" rather than "HOW." Minnesota alumni, I hope, realize that gift assistance to their University is essential. Gifts provide an invaluable complement to the existing resources of facilities and personnel.

For example, all student aids at the University are provided through gift resources. In summary, gift assistance is a vital financial plank in the University's budget program.

ALUMNI NEWS

## Five University Alumni to Receive OA Award at Business Meeting

Five University alumni, including new MAA president Wendell T. Burns '16BA, will receive the University's Outstanding Achievement Award at the annual meeting of the School of Business Administration Alumni Association Thursday, Nov. 19, at the Leamington Hotel.

Others receiving the University's highest award are Elmer L. Andersen '31BBA, member of the MAA executive committee and president of H. B. Fuller Co., St. Paul; Harold E. Wood '18BA, investment banker; Carlyle E. Anderson '32BBA, president of Monogram Glass Co.; and Carl W. Hayden '16BA, vice president of the First National City Bank of New York and supervisor of its English branches. Burns retired last spring from the senior vice presidency of Northwestern National Bank of Minneapolis.

Guest speaker at the dinner meeting will be R. Conrad Cooper '26BSCE, executive vice president of United States Steel Corp. Other dinner guests will be George Dowrie and Russell Stevenson, former deans of the School of Business Administration.

The Class of 1920 will be featured and the banquet room will be decorated appropriately to fit in with the 40th anniversary of the school.

The 6:30 p.m. dinner will be preceded by seminars from 3 to 5 and a social hour from 5:15 to 6:15. Seminars will be held in various meeting rooms at the hotel Leamington.

Organizations conducting seminars are National Office Managers, Twin City Personnel Managers, National Secretaries, Minneapolis Sales Executives, Advertising Club of Minneapolis, National Association of Accountants, Minnesota Group Investment Bankers Association of America and the Minnesota Chapter of the American Society for Insurance Management.

Both the seminars and the dinner are open to the public as well as alumni. Tickets for the dinner are \$6 apiece. The cost for seminars is \$1.

NOVEMBER, 1959



Burns



Andersen



Hayden



Wood



Anderson

## Pharmacists Set Student-Alumni Mixer

A Student-Alumni Mixer, a student affair co-sponsored by the College of Pharmacy Alumni Association, will be held Saturday, Nov. 7, in the Junior Ballroom of Coffman Memorial Union.

Dr. Ralph Piper will furnish the music and be caller for the square dance, which will be held from 8:30 p.m. to midnight. Refreshments also will be served.

Cost for the evening will be \$1 for alumni and 50 cents for students.

## Alumnae Club Guests of Morrill's

Members of the Minnesota Alumnae Club were guests of University President and Mrs. J. L. Morrill at their opening fall tea for the last time this year. The tea, which annually opens the Alumnae Club's season, was held Oct. 10 at the Morrill residence, 1005 S.E. Fifth st., Minneapolis.

Since President Morrill retires at the end of this school year and the new president will live in Eastcliff, the new residence at 176 N. Mississippi River blvd., St. Paul, this will mark the end of a tradition for the club.

## James Lingane, George Tuve Will Receive OA Awards

James J. Lingane '35BCh '38 PhD, chairman of Harvard University's department of chemistry, and George L. Tuve '20BS '21ME, head of the department of mechanical engineering at Case Institute of Technology, will receive University Outstanding Achievement Awards at the annual meeting of the Institute of Technology Alumni Association.

The meeting will be held Dec. 3 at the St. Paul Town and Country Club. The dinner, which will begin at 7, will be preceded by a social hour at 6 p.m.

It is anticipated that both OAA recipients will speak at the dinner and there will be a short report by Dean Athelstan Spilhaus.

Robert A. Hoel '43BAeroE '47MSAeroE will give the nominating report and new officers will be elected for the coming year. It is hoped that one or more scholarship recipients will attend as guests.

## Dr. L. R. Scherer First Vice President

Dr. L. Raymond Scherer '26BS '27MB '28MD, Minneapolis, was elected first vice president of the Alumni Association of the Mayo Foundation at the 35th annual meeting of the organization last month in Rochester, Minn.



## Medics Elect Eight to Board

Eight new board members—four to serve two-year terms and four to serve three-year terms—were elected at the annual meeting of the Medical Alumni Association Oct. 30.

Board members named to two-year terms were James C. Mankey '43MB '43MD, Sheldon M. Lagaard '41BS '43MB '43MD, Charles J. Beck '40MB '41MD and Arthur C. Aufderheide '44BS '46MB '46MD. Those named to three-year terms were Neil M. Palm '48BS '50MB '51MD, Virgil J. P. Lundquist '42MB '43MD, Robert H. Monahan '40BS '42MB '43MD and Byron B. Cochrane '37BS '37MB '38MD.

The membership also approved the proposed amended constitution and bylaws.

The amendment to the constitution covers the articles on membership. Formerly, all graduates of the school were life members without a fee and the change allows for payment of a fee for active members.



Wells J. Wright

**THIS YEAR'S ALUMNI** Homecoming King was Wells J. Wright '36BSL '36LLB, MAA president in 1951. Wright ruled over Homecoming activities Oct. 31 with his queen, Nancy Jo Wallace, SLA sophomore.

## Mrs. McIntosh Heads Detroit Club

Mrs. D. H. McIntosh has been named president and Mrs. Arthur Burry vice president for the 1959-60 term of the University of Minnesota Women's Club, Detroit.

Other officers for the coming year are Mrs. Kenneth Costley, second vice president; Mrs. Robert Kenning, secretary; Mrs. M. J. Patterson, corresponding secretary; Mrs. Carl J. Nepper, treasurer; and Mrs. Carl Christensen, assistant treasurer.

Committee chairmen are Mrs. Costley, program; Mrs. Burry, membership; Mrs. John Joyner, scholarship; Mrs. Carl H. Larson, publicity; Mrs. Arthur Zebedee, social; and Mrs. N. Kenjowski, C.W.V.S.

Members of the board of directors are Mrs. John Krupp, Mrs. William McLeon, Mrs. Costley, Mrs. Howard Green, Mrs. Robert Hefty and Mrs. J. Avedissian.

## Mortuary Science Alumni Group Will Hear Kundla

John Kundla, new Gopher basketball coach, will be the featured speaker at the second annual meeting of the Mortuary Science Alumni Association.

The dinner meeting will be held Saturday evening, Nov. 21, at the Leamington Hotel, immediately following the Minnesota-Wisconsin football game.

The 6:30 dinner will be preceded by a social hour at 5.

The nominating committee, headed by chairman Jim Hultgren '42MS, will report, and there will be election of three board members to serve four-year terms. In addition, there will be a report by Robert Slater, department head.

Tickets for the dinner are available through the Alumni Association, 205 Coffman Union, at \$6 apiece.

## Alumni-Faculty Stag Sponsored By Veterinarians

An alumni board-faculty stag sponsored by the College of Veterinary Medical Alumni Association was held Oct. 24 at the Hotel Normandy.

At an Oct. 3 board meeting, the annual meeting date was set for Thursday, Jan. 26, at either the Lowry or St. Paul Hotel.

Tentative program plans call for a report from Dean W. T. S. Thorp and one from MAA ExSecy Ed Haislet. It is hoped that, in addition, a member of the athletic department will be dinner speaker.

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for a graduation gift?



Official Ring of the  
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# New "post-grad" program helps engineers move ahead at Western Electric



MANHATTAN'S COLISEUM TOWER building houses Western Electric's New York training center. Here, as in Chicago and Winston-Salem, N.C., Western Electric engineers participate in a training program that closely resembles a university graduate school.

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One big help is our new Graduate Engineering Training Program. This unique full-time, off-the-job study program starts soon after you join Western Electric . . . continues throughout your career. Students are offered courses in various fields including semiconductors, computers, feedback control systems, and problem solving techniques. What's more, they study methods for improving skills in communicating technical information and the art of getting ideas across.

You'll find the work at Western Electric stimulating, too. As manufacturing and supply unit of the Bell System, we pioneered in the production of the transistor, repeated submarine cable, and the provision of microwave telephone and television facilities spanning the country. Engineering skills can't help developing—careers can't help prospering—in the lively, exciting technical climate at Western Electric.

Western Electric technical fields include mechanical, electrical, chemical, civil and industrial engineering, plus the physical sciences. For more information pick up a copy of "Consider a Career at Western Electric" from your Placement Officer. Or write College Relations, Room 200C, Western Electric Company, 195 Broadway, New York 7, N. Y. And sign up for a Western Electric interview when the Bell System Interviewing Team visits your campus.

## Western Electric



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CLASSROOM SESSION at one of the centers takes up the first part of the three-phase program, Introduction to Western Electric Engineering. During this initial nine-week training period, new engineers are provided with a better understanding of Western Electric engineering methods and technical practices.



TECHNICAL TALK often continues after class. The free and easy informality of the new Western Electric training program offers plenty of opportunity for the stimulating exchange of ideas.

Western Electric Graduate Engineering Training Centers located at Chicago, Winston-Salem, N. C., and New York. Principal manufacturing locations at Chicago, Ill.; Kearny, N. J.; Baltimore, Md.; Indianapolis, Ind.; Allentown and Laureldale, Pa.; Burlington, Greensboro and Winston-Salem, N. C.; Buffalo, N. Y.; North Andover, Mass.; Lincoln and Omaha, Neb.; Kansas City, Mo.; Columbus, Ohio; Oklahoma City, Okla.; Teletype Corporation, Chicago, Ill. and Little Rock, Ark. Also Western Electric Distribution Centers in 32 cities and installation headquarters in 16 cities. General headquarters: 195 Broadway, New York 7, New York.

## Wisconsin Alumni Hear Kundla, Haislet

William A. Bunde '49BBA, Dr. Robert E. Lee '43DDS and James S. MacMillen '22EE were elected to the board of directors of the Minnesota Alumni of Chippewa Valley at the annual meeting of the group Oct. 8.

Their terms will expire in 1962. The 12-member board will meet before the end of the year to elect a slate of officers for the coming year.

John Kundla, new Gopher basketball coach, and MAA ExSecy Ed Haislet were guest speakers. Several former basketball players attended the meeting including McMillen, member of the team from 1919-1921, Richard J. Lewis, captain of the 1916 team and student member of the Athletic Board of Control and E. R. Holm, member of the 1920 and 1921 teams. Also attending were Mr. and Mrs. Al Johnson, parents of Roger "Whitey" Johnson, captain of the 1958-59 team.

## Tom Swenson Elected President Of Band Alumni Association

### Dentists to Hear Dr. L. W. Burket

Dr. Lester W. Burket, dean of the University of Pennsylvania Dental School, will be featured speaker at the annual meeting of the School of Dentistry Alumni Association.

The dinner meeting will be held at 6:30 p.m. Friday, Nov. 20, at the Leamington Hotel.

Two outstanding faculty members will be honored at the dinner.



Burket

The day's activities will begin with a board of directors' luncheon meeting at noon. Registration will be held at 2 p.m. in the foyer of Mayo Memorial auditorium with general assembly in the auditorium from 2:30 to 3:30.

Tom Swenson '29-32 was elected president and Bob Michaels '48BS '57MHA president-elect of the University of Minnesota Band Alumni Association at the group's annual meeting Oct. 3.

Other 1960 officers include Betsy Breckinridge '54, secretary-treasurer, and Ray Prochaska '34-37 secretary-treasurer-elect. Council members are Mary Farrier '53BS, Velma Sanderson '42BS '47MED, Jim Jackson '57BME, Dr. Don Swenson and Carl Hafften.

The business meeting was held in conjunction with the group's 11th annual Band Day. The Alumni Band joined with the University Marching Band during halftime ceremonies of the Minnesota-Indiana game.

Highlight of the day was the evening banquet. Leon Bonrud '49BEE '55MSEE, master of ceremonies and retiring president, introduced speaker Malcolm Moos '37BA '38MA. Moos, who played in the band 20 years ago, is administrative assistant to President Eisenhower. He is on leave from Johns Hopkins University where he is a professor of political science.

## Northern California Sets December Date

A University representative will be guest speaker at the annual meeting of the Minnesota Alumni Club of Northern California Saturday, Dec. 5, at Sabella's Capri Room in San Francisco.

Also featured at the dinner meeting will be a display depicting University growth.

One important order of business will be the determination of the first expenditure of the newly-formed Minnesota Alumni Club of Northern California Trust Foundation, and members will determine the allocation of these funds.



JOHN KUNDLA '39BSEd '46MED (right), new Gopher basketball coach, is shown here "talking shop" with two Wisconsin high school coaches, Pete Hendrickson (left), head coach of Menomonie high school and Tom Lehman, head basketball coach of Chippewa Falls high school. Kundla met them at the third annual meeting of Chippewa Valley Alumni last month where he and MAA ExSecy Ed Haislet were speakers. (Chippewa Falls Herald Telegram photo)

## Camelback Kaleidoscope



**THIS IS FAMOUS PARADISE VALLEY** Country Club, part of the scenery at the site of the Third Annual Southwest Regional Alumni meetings at Camelback Inn next Jan. 9-11. Minnesota alumni will find this a spectacular, all-grass, 18-hole golf course which, along with the swimming pool and superb food, offers an atmosphere to make the renewal of old acquaintances truly memorable. The reunion is sponsored by the alumni clubs of Phoenix and Tucson. Special reunion rates are \$14 per day, American plan, and reservations should be made through the Alumni Office, 205 Coffman Memorial Union. Plan *now* to attend.

## Constituents Show Increases

Ten out of 12 constituent alumni groups have shown increases in membership counts according to latest figures released by MAA ExSecy Ed Haislet.

The College of Education Alumni Association showed the greatest increase, 123 members, with Agriculture, Forestry and and Home Economics running second with an increase of 99.

SLA and University College Alumni Association, despite the largest total of 2,538 members, nevertheless showed a decrease of 30 members. Nursing, with 499 members, showed the largest decrease, 38 members.

Other constituent groups, with total membership and latest change, include:

Agriculture, Forestry and Home Economics, 942 total, increase of 99; Business Administration, 1,190 total, increase of 11; Dentistry, 1,115 total, increase of 37; UMD, 659 total, increase of 31; Education, 2,019 total, increase of 123; Medicine, 1,557 total, increase of 36; Mortuary Science, 234 total, increase of 26; Nursing, 499 total, *decrease* of 38; Pharmacy, 307 total, increase of 24; SLA and University College, 2,538 total, *decrease* of 30; Institute of Technology, 2,348 total, increase of 88; and Veterinary Medical, 278 total, increase of 17.

NOVEMBER, 1959

If you want a fabulous winter vacation at a price you can well afford, you'll get your chance early in January during the third annual Southwest Regional Alumni Reunion at the famous Camelback Inn at Phoenix, Ariz.

Dates of the reunion will be Thursday, Jan. 7, through Sunday, Jan. 10, with departure Monday, Jan. 11.

Special rates for the reunion, which is sponsored by the Tucson and Sun Valley (Phoenix) Alumni Clubs, are \$14 per day, American plan. The special rates apply through Jan. 16 for the special benefit of MAA members.

### Camelback Calendar

*Thursday, Jan. 7* — a get-acquainted reception in the Cholla at 6 p.m. Dinner together at 7:30 p.m. in the Main Dining Room.

*Friday, Jan. 8* — a complimentary cocktail party at the home of host Jack Stewart, followed by the alumni banquet at 7:30 in the Cholla. MAA ExSecy Ed Haislet will be there to greet alumni and tell them about the University and another speaker also will be arranged.

*Saturday, Jan. 9* — a Dutch treat cocktail party and dinner dance.

*Sunday, Jan. 10* — free day.

*Monday, Jan. 11* — free day and departure.

Alumni in the area are especially invited to attend the Thursday, Friday and Saturday evening events. Reservations for these events should be made at once.

The program, for the most part, will be informal so that alumni attending with their families and friends will have time to enjoy the superb facilities — beautifully appointed rooms, incomparable food, extraordinary service and the most complete recreational facilities to be found anywhere.

Reservations are being accepted now on the basis of those receiving first receiving choice space. Reservations should be made through the MAA office, 205 Coffman Memorial Union.

# UMD Alumni Set \$100,000 Goal For Grid Stadium Construction

A drive to raise \$100,000 to build a 4,000-seat football stadium on UMD's new campus was launched Saturday, Oct. 17, at the annual UMD Alumni Association meeting at Kirby Student Center.

The meeting was held in conjunction with Homecoming activities on the campus.

Association president R. H. Teppen '33DSTC said that the success of such a campaign would represent "realization of a dream" of UMD alumni to have the Bulldogs playing on their own field before a packed stadium.

In announcing approval of the project by the association's board of directors, Teppen reminded returning alumni that UMD football teams had never, until Homecoming last year, been able to play their games on campus. Temporary bleachers were moved in for the 1958 afternoon Homecoming game and while it was a successful event, the arrangement proved costly and cumbersome.

After considerable discussion by visiting alumni, the stadium campaign was enthusiastically approved, the first major combined effort by the UMD Alumni Association.

Teppen said the fund campaign will be carried on simultaneously among UMD alumni, faculty and students. All other friends of the University also can make contribution and pledges can be spread over a three-year period.

Already more than \$12,000 of the goal has been raised or pledged. Some \$2,278 was raised during the last quarter of 1958 after Reidar Lund, then executive sports editor of the *Duluth Herald and News Tribune*, sparked the stadium drive through his own sports column by inviting readers to contribute. Lund now is sports editor of the *St. Paul Pioneer Press*.

Ed Garrity of Hibbing, father of seven, sent Lund the first dollar

donation and urged all northern Minnesotans to do likewise.

Ole Haugrud, president of Minnesota Sports, Inc., of Duluth, said his organization would turn in a check for \$10,000 to climax the drive once the \$90,000 mark had been reached. Haugrud renewed his pledge at the Homecoming festivities and called on all loyal UMD football and sports fans to help make the Alumni Association project a quick success.

Teppen said that an advisory committee will be announced shortly to coordinate and oversee the campaign and added that it is hoped that the \$100,000 will provide not only the 4,000 seats but also such facilities as locker rooms, concession stands, lavatories, a press box and field lighting.

The stadium will be designed in such a manner that additional seating can be added as part of the overall plan. Principal engineer Robert Bridges, Provost Raymond Darland, Teppen and other alumni representatives have visited several stadiums in the area for ideas and information on costs.

Any person interested in making a contribution can get more information by writing the UMD Alumni Association office, Room 108 Main, Duluth. All checks should be written to the University of Minnesota, Duluth.

## Ag, Forestry, Home Ec Meeting Set Nov. 16

The Alumni Association of the College of Agriculture, Forestry and Home Economics will hold a board meeting Monday, Nov. 16, in the St. Paul campus Student Center.

The meeting, which will be held at noon, was called by Association president Howard E. Olson '47BS. Its purpose will be to plan the program for the coming year.

## Minnesota-Iowa Luncheon Set

Attention football fans!

Planning to attend the Minnesota-Iowa football game Nov. 7? If so, plan also to attend the Minnesota Alumni pre-game dinner at the Hotel Sheraton-Montrose in Cedar Rapids at 6 P.M.

Tickets are \$3 apiece and reservations can be made by writing Merrill Ludvigsen, 2309 Meadow Lane N.E., Cedar Rapids.

## SLA, U College Name Board Members

Mrs. Arthur Naftalin '39BA, Elwood Maunder '45BA and Walter Sprigs '16BA were approved for the board of directors of the SLA and University College Alumni Association at the annual meeting of the group Thursday, Oct. 22.

Three faculty members also were honored at the dinner meeting in Coffman Union. Honored by students were Prof. Donald Smith, speech department; Prof. Adamson E. Hoebel, anthropology department; and Prof. David W. Noble, history department. Outstanding students who were feted were Grant Nelson, Douglas McKenzie and Ronald Elin.

Prof. William Anderson, professor emeritus of political science, received the Outstanding Achievement Award from Dean Errett W. McDiarmid.

## Nurses Plan Meeting

Annual meeting of the School of Nursing Alumnae Association will be held at 7:30 p.m. Wednesday, Jan. 20, in Powell Hall amphitheater.

A news letter for members is planned before the meeting announcing the club's future plans and summarizing the past year's activities.

# Summa Cum Laude

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to

## A Marketing Executive . . .

Herman W. Leitzow, vice president, who heads the newly-integrated marketing division of the Schering Corporation, manufacturers of pharmaceutical specialties. A registered pharmacist in both Minnesota and New Jersey, he is ably qualified to direct the coordinated activities of sales, advertising and new product introductions. Under his guidance Schering sales have climbed from \$6 million to \$40 million annually in the domestic market. He is a member of the College of Pharmacy Trustee and Advisory Committee, Rutgers; member of the American Management Association and active participant in the AMA sponsored Marketing Planning Council and a member of the board of directors and secretary of the New York Sales Executive Club. He received his BS degree in pharmacy from the University in 1927.

## An Outstanding Educator . . .

Richard D. Anderson, professor of mathematics, who recently was named to Louisiana State University's highest professorial rank, the Boyd Professorship. The 37-year-old mathematician became the ninth faculty member to be named to the distinguished rank since its establishment in 1932. Dr. Anderson has been a member of the Institute for Advanced Study at Princeton, senior member of the National Science Foundation Institute on Topology at the University of Wisconsin and principal investigator on two three-year National Science Foundation research grants. Boyd professorships are given in recognition of distinguished research, teaching or other creative achievement and as incentive for these persons to remain at the university. He received his bachelor's degree from the University of Minnesota in 1941.



## An Award Winner . . .

Logan Mundt, physical director of New York's West Side YMCA for winning this year's Roberts-Gulick Award for notable service and outstanding YMCA physical education. The award is the highest national honor bestowed each year in the physical education field. The award puts Mundt among the select YMCA men who have won all three challenges of the physical directors' profession. He already has qualified for the title of "director of physical education" and is a member of the Society of Fellows in Physical Education. Last year he received the Helms Athletic Foundation's "Service to Volleyball" award and in 1955 was named New York State YMCA Physical Director of the Year. He received his degree in physical education from the University in 1937.



## For Your Enjoyment

*Stay Loose* by Harry F. "Bud" Nye '37-41, Doubleday and Co., Inc., 1959. \$3.95.

Bud Nye's second novel, which deals with the highly improbable winning of the World Series by the St. Paul Imperials, bats 1,000 in the humor department.

Liberally sprinkled with jibes at "poor old Minneapolis" which doesn't have a major league team, the story evolves around the selection of a winning team by scientific rather than established procedures.

As the book jacket states, "Stay Loose is a hilarious tale of what happens when the cold, objective eye of science is turned on the innocent pursuits of love and baseball."



Nye

Nye's style is reminiscent of Max Shulman, another University alumnus. In fact, both Nye and Shulman served as associate editors of the 1941 *Ski-U-Mah*, now defunct campus humor magazine.

Nye, who lives in the New York area, is in advertising and television work. His first novel, *Home Is If You Find It*, was published in 1947 and he also has written several short stories for *Esquire* magazine.

*Jim Fisk: The Career of an Improbable Rascal*, by W. A. Swanberg '30BA, Charles Scribner's Sons, 1959. \$4.50.

The book recreates the life of Jim Fisk, one of the most brazen financial buccaneers of them all and, along with him, the era of the late 1860's, since the man was no isolated phenomenon; rather, a splendid reflection of the immorality of his time.

Swanberg tells how Fisk, short, rotund, merry and utterly shame-

less, contrived with Jay Gould and Daniel Drew to cheat Commodore Vanderbilt out of control of the notoriously mismanaged Erie Railroad. Though "twisting the tail of an angry lion," Fisk survived — possibly because of his undeniable charm which is so well depicted. Fisk then went on to serve as Gould's confederate in the unholy plot to corner the gold market, bringing Black Friday to the stock exchange.

This is the story of the man who reaped abuse of the newspapers and clergy — the man "divinely fashioned for the function of giving offense to people of taste." And yet, perhaps because he told good jokes, disliked sham, and was generous with Erie's money, New York had an affection for this shrewd rogue.

Swanberg has managed to get the zest and good humor inherent in the times and the man into the novel which makes a truly fascinating story.

*The Enemy Stars* by Paul Anderson, J. P. Lippincott Company, Philadelphia, 1959. \$2.95.

This is a science-fiction story which has projected into the widest horizon of a limitless future, but still has not lost sight of men as individuals.

Ten generations after the *Southern Cross's* take-off, successive crews are still being sent out to man it. The four who guide the ship to its final destiny are men we know well by the time we board it: the wealthy and intellectual physicist; the gentle pilot; the timid son of a space-faring father; and the rebellious colonist.

When the *Southern Cross* burns out its drive farther from Earth than man has ever ventured before, the lives of the four hang on the minute chance they can effect repairs in space. In their appalling aloneness, they find that the need to resolve their clashing natures is as important as scientific knowledge and physical teamwork.

## For Your Information

*Logic in Elementary Mathematics* by Myron F. Rosskopf '28BA '30MA and Robert M. Exner, McGraw-Hill Book Co., Inc., 1959. \$6.75.

In this pioneering contribution to mathematical literature, the authors try to help the reader to understand how mathematics really is communicated.

The authors' purpose is three-fold: to present some of the structure of modern symbolic logic that is useful in the exposition of elementary mathematics; to use logic in discussion of formal aspects of elementary mathematics; and to present the material in such a way that it will be accessible to those whose mathematical training includes the standard elementary courses, but who lack any formal course in logic.

Rosskopf, who formerly taught mathematics at the University of Minnesota, now is associate professor of mathematics at Syracuse University.

*Practical Oral Surgery*, second edition, by Henry B. Clark Jr. '31BS '33MB '34MD '36DDS, Lea and Febiger, 1959. \$9.50.

This book, which has been revised throughout, was written especially for busy dentists and dental students with limited reading time. Although concise, it contains everything needed for the care of oral surgical conditions seen in daily practice.

No other current book on oral surgery provides the advantages of a single-author text written by a full-time teacher of oral surgery with a combined medical and dental background. Needed medical information is found in appropriate places and the important role of the general practitioner in the care of serious or dangerous conditions is covered, with suggestions on privilege, responsibility and limitation of action.

(Continued from page 5)

interest in instrumentation and served as an assistant in the physics department from 1911 to 1913, obtaining a master's degree that year, when he was given an instructorship. In 1916 he received his PhD in physics and was soon made an assistant professor.

In 1917 he left the University to become a development engineer with the Army and following the war he joined Leeds & Northrup Co. in Philadelphia as head of technical advertising. In 1921 he joined Central Scientific Co. in Chicago, becoming president in 1930. He served in that capacity until 1944 when he accepted a professorship at Northwestern.

His government ties have remained strong throughout his business career. His affiliations have included the National Defense Research Committee, Office of Scientific Research and Development, National Research Council, Argonne National Laboratory, the Atomic Energy Commission and, of course, the National Science Foundation since its inception.

**Awarded Presidential Medal**

For his work during World War II he was awarded the Presidential Medal for Merit in 1948. In addition to the University's Outstanding Achievement Award in 1950, in 1940 he was presented with the Modern Pioneers award of the National Association of Manufacturers.

Dr. Klopsteg also found time to become co-founder of the American Association of Physics Teachers in 1930 and served as president of that association in 1953. He was also, for 15 years, a member of the governing board of the American Institute of Physics and was chairman of its board of governors and chief policy officer from 1938 to 1945.

To the presidency of the AAAS, Dr. Klopsteg has brought an unusually mature outlook and a firm understanding of pertinent issues. Having already served two full four-year terms as a director, he knows the Association's problems thoroughly. He has been on its



**COY W. WALLER '42PhD** (right) looks on as Charles H. Rogers '16MS '18PhD receives the University's Outstanding Achievement Award from The Honorable Lester C. Malkerson, Regent of the University of Minnesota. Waller, who also received the OAA, is director of the division of chemical research, Mead Johnson Laboratories, Evansville, Ind. Rogers is former dean and professor emeritus of pharmacy at the University. The awards were presented at the annual Pharmacy Alumni Association meeting.

executive committee since 1953 and a member of its investment and finance, building, and public information in science committees.

**41 Round Trips**

These and his governmental duties have required almost continual commuting between Chicago and Washington for the past 18 years — 41 round trips last year to and from his home in Glenview, Ill. — "and not at government expense!" he hastens to add.

But he is a seasoned traveller for in addition to his several trans-Pacific flights, he and Mrs. Klopsteg encircled the globe in 1951, going to Pakistan where he was an invited adviser to a commission appointed by the Punjab Government to study its university system and science education at lower levels.

Nevertheless, he still manages to spend enough time at home to pursue his hobbies of archery, photography, shopwork and gardening.

An avid archer, he has written numerous scientific papers on the theory and design of the bow.

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ments. You get a regular income from the start. You can work just about anywhere in the U.S.A. More than in any other field, your efforts will show *direct* results in your advancement.

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Preston G. Adams, holding his youngest daughter Sharon, poses with Linda, Mrs. Adams, and Susan in front of their home in Salt Lake City.

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Mailand E. Lane, Sr., '32, Minneapolis  
Richard H. Luby, '34, Phoenix  
Hubert D. Wheeler, '34, Gen. Agt.,  
Duluth

Francis L. Lund, CLU, '35, Gen. Agt.,  
Minneapolis  
Morton C. Mosiman, '40, Minneapolis  
Neil E. Haugerud, '42, Minneapolis  
Lloyd V. Shold, '42, Duluth  
Robert R. Abroahams, '44, Minneapolis  
Earl H. Mosiman, '47, Minneapolis

Robert D. Myhr, '48, Chicago  
Richard S. Taylor, '48, Minneapolis  
Theodore J. Lee, '49, Duluth  
H. Larry Wilson, Jr., '52, Minneapolis  
John B. Heimkes, '54, Minneapolis  
Robert C. Shadur, '55, Los Angeles  
Robert M. Larsen, '57, Minneapolis  
Robert M. Boulan, '58, Minneapolis

Ask one of these competent men to tell you about the advantages of insuring in the New England Life.

# Around and About With the Alumni

**Edward Freeman '03LLB**, retired district judge, was honored recently by the Rotary Club of Virginia, Minn. He is one of the charter members of the club and was the first president. He was referred to as one of the "most outstanding judges in the history of northern Minnesota." Freeman retired in 1949 and now lives in Virginia.

'08

**Charles F. Remer '08BA** edited a volume of essays, *Three Essays in the International Economics of Communist China*, published by the University of Michigan Press. He wrote one of the essays.

'13

**Claude R. Beddall '13LLB** retired after 37 years' service from Brown & Bigelow. Since 1948 Beddall has been general counsel for the St. Paul firm.

'16

**Bernie Bierman '16BA** this year headed a fall "Share Your Clothes" drive for both Minneapolis and St. Paul, sponsored by the Goodwill Industries. The combined drive was held Nov. 1.

'23

**R. J. Noble '22MS '23PhD**, recently retired Under Secretary and Director of Agriculture, New South Wales, Australia, received the 1959 Farrer Memorial Medal. The award is made annually in commemoration of Australia's pioneer wheat breeder, William Farrer, and to honor a man who renders distinguished service to agricultural science in Australia. Noble had been Under Secretary for 19 years. In 1945 he headed the Australian delegation to the first meeting of the United Nations Food and Agricultural Organization held in Quebec. Noble received the University's Outstanding Achievement Award six years later "as an internationally celebrated plant pathologist and administrator."

'27

**W. Harold Cox '27BSEd** has been named general manager of the Minar Ford Co. of Minneapolis. The former high school chemistry teacher was in the firm's sales department for nine years.

**Caryl Sly '27PhD**, Du Pont research chemist who participated in the basic research on organic protective coatings, retired after 32 years with the company. Twelve patents have been issued to Sly in connection with his work in the chemistry of perfume products and nylon intermediates.

'28

**Dr. Joseph O. Mona '28DDS** was named the dentist-member of the Veteran's Administration's new agency-wide Committee on Aging. The committee will make an extensive study of the problems of aging veterans and make recommendations.

**John C. Elmburg '28BEE**, who joined Fairbanks, Morse & Co. in 1928, has been named vice president and general manager of the pump and hydraulic division.

**Franklin Briese '28LLB** has been elected a member of the board of directors of Northwestern National Bank of St. Paul. He has been with the legal staff of Minnesota Mutual since 1928.

**Dayton P. Kirkham '28BSFor** was written up in *Tongil*, issued by Special Welfare, ROK army. He has been in Korea since 1947 where he was instrumental in forming Village Forestry Associations. Kirkham has left Korea for Turkey.

'29

**Archie N. Jones '29BSEd**, dean of the Conservatory of Music of the University of Kansas City, has assumed the position of first dean of the new division created by the merging of the former Conservatory of Music with the University. He was professor of music education at the University of Texas for 19 years before going to U. K. C. He is national president of the American Choral Directors Assn., president of Phi Mu Alpha, national professional music fraternity, and a member of the executive committee of the Music Teachers National Assn.

'30

**Irvin Laving '24BS '30ChemE** of Dover, New Hampshire, has been elected a district governor of Rotary International for the 1959-60 year. He is secretary-treasurer of Industrial Research Service, Inc., in Dover and professor of chemical engineering at the University of New Hampshire.

**W. A. Swanberg '30BA** is writing a biography of William Randolph Hearst which will be published by Charles Scribner's Sons. His previous book *First Blood* was a Book-of-the-Month Club selection, won the Christopher Award and the Minnesota Centennial Book Contest.

'31

**Walter C. Smith '27-31** is the new director of marketing of Lockheed Aircraft Corporation's California division. A veteran of 19 years with the company he will head Lockheed's sales in the world market for the prop-jet Electra transport and the F-104 jet Starfighter.



**Henry J. Otto '27MA '31PhD**, member of the University of Texas college of education faculty since 1942, has become chairman of the educational administration department. In 1951 he received an Outstanding Achievement Award from the University.

**Newton E. Chute '31MS** recently was promoted from associate professor to professor of geology at Syracuse University.

'34

**D. F. Jurgensen '31BChem '32MS '34PhD** was named vice president-general manager of the construction equipment division of Blaw-Knox Co., Pittsburgh. He will be responsible for product development and engineering programs, manufacturing and sales.



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## ALUMNI

*J. H. Smith, Jr.* '34BA, formerly of McCann-Erickson, is a senior associate of Howard Chase Associates. A past president of the American Public Relations Assn., he had been with Chrysler Corp., the National Association of Broadcasters and *U. S. News and World Report*.

'35

*Rahland C. Zinn* '35BSAerE '35BBA, base manager since 1958 for Lockheed Aircraft at Idlewild Airport, was elected vice president of the company. He will continue as base manager and a director. Zinn began his career with Pan American, joined American Automotive Corp. and in 1953 became director of maintenance and engineering for Northwest Airlines. He has been with Lockheed since 1958.



'37

*Courtland L. Agre* '34BChemE '37PhD, head of the Augsburg College chemistry department, has been named chairman of

chemistry defense for the Minneapolis Civil Defense Organization. He is a former professor of chemistry at St. Olaf college, Northfield.

*S. D. Moorman* '37BBA recently was appointed vice president and general manager of Elgin National Watch Co.'s watch division.

'39

*Mary A. Almeter* '39BSED retired recently after 46 years in the teaching profession. She taught for 20 years in the Technical High School, St. Cloud, Minnesota.

*Frederick W. Putnom* '39BA has been named Rector of St. Matthew Episcopal Church, Evanston, Ill.

'40

*Bob Krauss* '40BA, columnist for the *Honolulu Advertiser* who was recently commended by the Hawaiian Senate for columns resulting in thousands of pro-statehood letters, wrote an article in the *United Airlines Mainliner* magazine telling "how it feels to live in a state again." He has been a resident of Hawaii for eight years.

*Robert E. Hillard* '40BA, St. Louis



public relations executive, was named a member of the national board of directors of the Family Service, Assn., a federation of almost 300 family casework counseling agencies. He is executive vice president of Fleishman-Hillard, Inc. Hillard was columnist and feature editor of the *St. Louis Star-Times* until the formation of the company in 1948.

*Col. Laurence M. Hursh* '40MD recently was promoted to the rank of full colonel at ceremonies held at the Army surgeon general's office in Washington, D. C. Hursh is chief of the medical research branch for the Army Research and Development Command.

*Karl Ellingson* '40BChE has been appointed manager of Monsanto Chemical's Avon, Calif., plant after serving as general manufacturing superintendent of the company's St. Louis plant since 1956.

'41

*R. E. Nichols* '41BCE, previously Seattle office engineer for Northern Pacific Railway, will become assistant district engineer in St. Paul.

'42

*J. P. Fosness* '42BCE was appointed assistant to the general manager, in charge of the A3J program at North American Aviation's Columbus, Ohio, division. Formerly he was in charge of the engineering aspects of the program.



'43

*Allan F. Eggleton* '43BMEtE was named manager of sales of alloy, stainless, cold finished carbon bar and tubular steel for Joseph T. Ryerson & Son, Houston. He was employed at Allis-Chalmers Mfg. Co., Milwaukee, before joining Ryerson in 1946.

*John Paul Stapp* '43MD, winner of the University's Outstanding Achievement Award last year, addressed the University safety conference in September. The chief of the aero medical laboratory at Wright Air Development Center, Wright-Patterson Air Force Base, is well known for his research in space medicine.

*W. M. Cashin* '43BS, research associate in the department of metallurgy, Knolls Atomic Power Laboratory, General Electric Co., wrote a technical paper which appeared in the July Journal of the American Ceramic Society.

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'44

Raymond A. Diekman '44BME, who has been with Magney, Setter, Leach, Lindstrom and Erickson, Inc. for 10 years, has been appointed as associate member of the consulting engineering firm of Bruch, Morrow and Knafka, Inc.

'45

Neal R. Amundson '37BChemE '41MS '45PhD, head of the University chemical engineering department, won the 1960 American Chemical Society Award in industrial and chemical engineering. The \$1,000 prize, a gold medal and citation will be presented in April when he will deliver an address on his work.

'46

Robert R. Cooper '44BS '46MB '46MD is now associated with Dr. George D. Hilgermann in the practice of ophthalmology in Minneapolis.

'47

Robert M. Austin '45BS '47LLB was elected Minneapolis park board attorney recently.

Clyde A. Johnson '47BBA is now assistant comptroller-group, of Life Insurance Co. of North America. He has been in the life insurance business for the past 10 years.

'48

Dave Brown '48BA, producer of the children's television program *Captain Kangaroo*, returned to Minneapolis for the show's Aquatennial production. He began as a film-splicer in Chicago and within a year became director and writer of the Wayne King show.

Robert B. Harris '48BA, who joined Consolidated Electrodynamics Corp. as an advertising writer last January, was appointed divisional advertising manager. He had been administrative assistant, Missiles and Space Systems Engineering, Douglas Aircraft, and publicity writer for California Bank, Los Angeles and for the Northwestern National Bank, Minneapolis.

Harvey A. Miller '44BEE '48MEE, previously with the Research Division of Raytheon Mfg. Co., has been appointed manager of Taylor Instrument Company's electronics development division. From 1948 to 1952 he taught at the University and headed the Analog and Digital Computation Center.

'50

Alan H. Rice '50BBA, former vice president of John Small & Co., New York investment firm, has been elected president of Irving J. Rice & Co., St. Paul.

'52

Gilbert S. Silverman '52BArch, who has been with Hammell & Green, St. Paul, since 1955, was appointed consulting architect for the department of education in St. Paul.

Donald C. Reiher '52BEE, with Audio Development Co. for the past seven years, has joined the expanded electric-acoustic and magnetic components division of Telex, Inc.

Richard P. Mathison '52BA recently assumed the pastorate of the Methodist churches of Aurora and Hoyt Lakes, Minn. For four years he served as pastor of the Faith Methodist Church in Minneapolis.

'54

Alden B. Sears '54MA, minister of the First Methodist Church of Geneva, Calif., recently received a special award at the annual meeting of the Society for Clinical and Experimental Hypnosis for the "outstanding contribution to experimental hypnosis in 1959." The award was based on his research done while working toward his doctorate.

'55

Inez Haynes '55BSNurEd, who has headed the Army Nurse Corps since 1955, recently retired after 26 years in the Army. She will become director of the National League for Nursing. The Colonel was commended at a party in her honor in the Army Surgeon General's Office.



Norman Day '55BArch received a Fulbright for a year's study of municipal planning at the London Architectural Assn. Last year he taught at the University of Utah.

'56

Ruth McClintock '46BS '47MS '56PhD has been appointed assistant professor of physiology at the George Washington University.

Neil S. George '56BA who has been in the advertising department of Minnesota Mining and Manufacturing Co. for the past three years was promoted to Manager of Advertising and Marketing Service of the International Division.

'58

Jerry W. Knudson '58MA has received a Thomas Jefferson Foundation fellowship to work toward his doctorate in history at the University of Virginia. During the 1958-59 academic year Knudson was instructor of photography at the William Allen White school of journalism and public information.

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# President Morrill Names Planning Committee

MAA ExSecy Ed Haislet '31BSEd has been named a member of a new 26-man Minneapolis Campus Planning Committee, appointed early last month by University President J. L. Morrill.

Laurence R. Lunden, vice president for business administration, will serve as chairman of the committee and Academic Vice President Malcolm M. Willey as associate chairman. Vernon L. Ausen, room assignment and schedules supervisor, was named secretary.

President Morrill, in making the appointments, pointed out that although well-formulated campus plans now exist for the University of Minnesota, Duluth, and the St. Paul campus, no such comprehensive plan exists for the Minneapolis campus except for the Cass Gilbert plan of 1910 which served as a framework for present developments.

"But with the expansion of the campus to the west side of the Mississippi River—with all the changes that will be involved—the need for a comprehensive campus plan becomes more and more imperative," the president added.

"Without such a plan it is difficult for the University to formulate for internal use by the administration and the faculty its own thinking as we look ahead to 1970 and beyond; and such a plan would also be exceedingly helpful in presenting the University's long-range building needs to the legislature and to the people of the state generally."

In making the committee assignments, the president designated several functions and objectives which face the planners:

1. To determine and designate, both on the existing Minneapolis campus and in the new areas being acquired across the river, adequate areas for instruction, research, public services, internal services and related activities of the University community.
2. To locate the areas in which

these functions are to be performed (and the buildings that are involved) in optimum relationship one to another; taking into special account educational considerations, student and staff convenience and efficiency, as well as the suitability of the sites.

3. Consideration of the best possible use of existing buildings and their possible adaptation to the changing scene—adaptations that should be achieved with a minimum of cost and the least possible inconvenience to students and staff alike.

4. Consideration of problems involving convenient access, circulation and parking facilities for students, staff and public as well as adequate pedestrian ways within the instructional areas.

5. Integration and correlation of the University community with adjoining areas of the city—involving such matters as location of housing areas, commercial areas, space for fraternities and sororities and religious organizations.

6. Formulation of advice in general terms as to the means of creating a unified, distinctive, impressive and esthetically satisfying University development on the two sides of the river without imposing undue restrictions on future designers or in any way limiting future educational developments.

7. Plan how to achieve the various developments and moves in an orderly and efficient fashion within the overall framework of the report of the Regents to the 1956 legislative building commission and in conformity with the principles and proposals that are the outgrowth of the report of the West Side Advisory Committee (headed by Vice President Willey).

"Although we face no specific deadlines in formulating a general Minneapolis campus plan," President Morrill said, "there is an immediate need for locating the buildings for which the 1959 legislature provided funds."

The president explained that the planning of any given structure on the campus will proceed, as in the past, by the appointment (by the business vice president) of specific building committees.

## *Pre-Game Luncheon Set for Purdue Game*

All alumni planning to attend the Minnesota-Purdue game Nov. 14 are urged to attend the Minnesota Alumni Pre-Game Football Luncheon.

The luncheon will be held at 11:30 A.M. in the West Faculty Lounge in Purdue Memorial Union on the campus at West Lafayette, Ind. Price for the luncheon is \$2.25 per person.

Luncheons are by reservation only and reservations should be in the Alumni office 48 hours prior to the date of the luncheon. Please make checks payable to the Minnesota Alumni Association and send to 205 Coffman Memorial Union, University of Minnesota, Minneapolis 14.

## *New Life Members*

- Hubert T. Kroning '27PhmC  
Sandstone, Minn.  
Harold L. Holden '31BBA  
Mrs. Harold Holden '33BA  
Mpls., Minn.  
Mrs. Herman Haberer '30BS '32MB  
32MD  
Mpls., Minn.  
Audrey C. Hanson '42AA  
Mpls., Minn.  
Dr. Ralph T. Knight '08BA '12MD  
Mpls., Minn.

# Deaths

## Grads before 1900

*Josephine E. Tilden* '95BA recently in Lake Wales, Fla.

*Dr. Frederick E. Haynes* '99MD on Sept. 17 in Minneapolis. A lieutenant colonel in the Army medical corps during World War I, he operated a hospital in France. After being discharged he began private practice in Minneapolis.

*Albert G. Nuessle* '03-05 in September. He was an "M" man and one of four surviving charter members of the University chapter of Alpha Tau Omega. During his 30 years' residence in Minneapolis he was an executive for the Singer Sewing Machine Co. and was also employed by Hartford Insurance Co.

*J. L. Kohn* '09LLB of Chicago recently.

*James B. Dorsey* '10BA when thrown from a horse in the Colorado National Forest in September. One of the founders of the Hennepin County Bar Association, he was senior partner of the firm Dorsey, Owen, Scott, Berger and Marquart. Dorsey was a director of Cargill, Inc., and Northrup, King and Co. as well as president of the Legal Aid Society of Minneapolis. He was a member of Phi Beta Kappa, the Minneapolis Symphony Association, Minneapolis Institute of Arts and Walker Art Center.

*Curtis Paul Pomeroy* '11LLB, 72, retired president of General Lubricants, Aug. 31. He had also served as a school teacher in northern Minnesota and later a prosecuting attorney at Barnesville, Minn.

*Ernest Barnard Croft* '11BCE of a cerebral hemorrhage last May. A Minneapolis resident for 60 years, he formerly was associated with F. C. Boerner in an architectural and engineering firm. Specializing in larger buildings, they designed the Minneapolis auditorium, the Minneapolis workhouse and many schools and other public buildings. Following Boerner's death, Croft operated the firm alone and just recently designed the modern school building at Byron, Minn. He was a former secretary of the American Institute of Architecture.

*Morris T. Baker* '09-12 who built the Baker building in Minneapolis, after a few weeks' illness in Minneapolis recently. He was president of Baker Properties and pioneered Hennepin County's park system.

*John K. Egan* '12BA, 66, Sept. 7 of a heart condition. A lifelong resident of the St. Paul area, he was eastern sales manager of Brown & Bigelow for many years until his retirement several years ago.

*Dr. Alexander Josewich* '11BS '14MD on Sept. 21. He was the first physician in Minnesota called to do tuberculosis work in the Army in World War I. Dr. Josewich spent 37 years in federal medical service until he retired five years ago.

*Henrietta Prindle Shearer* '16BA in September. A graduate of Miss Shipley's School, she was a member of the Minneapolis rent advisory board, the mayor's emergency housing committee, League of Women Voters and Alpha Phi Sorority.

*Grace Lovell May* '04BA '17MA of a heart ailment on Sept. 17. She was a member of the Macalester College faculty for 28 years until her retirement in 1952 when she received the title of Professor Emeritus of English. She co-authored an English text, *Earning Our Heritage*, and wrote *Memory's Trail*, a story of the New Ulm Indian uprising.

## Elmer W. Johnson

*Elmer W. Johnson* '14BSE '15EE '23ME, assistant dean of the Institute of Technology, died Sept. 21. The Institute of Technology placement director would have retired next June.

His death was discovered after he failed to appear in Northrop Auditorium for a program for parents of new students.

After working for the Westinghouse Corp. and Northern States Power Co. for three years, he served with the Army engineers in France during World War I and following his discharge he worked in Montana for the Milwaukee Road. He taught mathematics at the University from 1921 to 1925 and then taught mechanical engineering. He was named assistant dean in 1954.

*Dr. Ralph Bradshaw* '25DDS, president of the Minnesota State Dental Association, of a heart attack in St. Paul in September. He was elected state president at the annual convention in April. Except for four years spent as a lieutenant colonel in Europe with the dental corps, Dr. Bradshaw practiced in St. Paul all his life.

*Dr. R. M. Anderson* '23BS '24MB '25MD of a heart attack in June in New Jersey. He took post-graduate work in surgery at the Mayo Clinic and practiced surgery since 1931. He was director of surgery and chief of thoracic surgery at Bergen Pines Hospital, Paramus, N.J., and associate director of surgery and chief of thoracic surgery at Hackensack Hospital, Hackensack, N.J.

## Edwin C. Jackson

*Edwin C. Jackson* '27BS, comptroller and treasurer for the University, passed away suddenly Sept. 24 at his Minneapolis home. Jackson, 54, had spent his entire working career in the University's business office where he began as the first statistician hired by the school.

In 1929 he became field auditor, a post he held for 13 years. Then he became chief accountant and in 1947 was named assistant comptroller. He was named comptroller July 1 and was also first chairman of the University Credit Union.

*Blanche E. Atkins* '27MA, 82, in August. Miss Atkins was a retired St. Cloud State College professor. She taught philosophy of education and elementary methods at the college from 1906 to 1936.

*Theodore W. Galanter* '38BA, formerly of Minneapolis, Sept. 10 in Los Angeles. He moved to California about 10 years ago and was an executive with the George Sidney Film productions. Mr. Galanter had also been associated with Metro-Goldwyn-Mayer.

*J. A. Paterson* '53BBA in a plane accident recently.

*Owen B. Shirley* '53BSED last May in Cristobal, Canal Zone.

*Dr. Robert C. Schwantes* '49BEE '55MSEE on Sept. 20 in Minneapolis. He was a research engineer for the Univac division of Remington Rand, Inc., and a member of the American Institute of Electrical Engineers and Beta Kappa Mu, engineering fraternity.

## George W. Lawson

The Honorable *George W. Lawson*, University Regent and retired labor leader, passed away in September. Lawson, 83, had served on the Board of Regents for 26 years.

He was connected with the labor movement since the turn of the century and served as secretary of the Minnesota Federation of Labor for almost 40 years before his retirement in 1953. He was also a member of the State Investment Board and author of *History of Labor in Minnesota*.

During the state's Centennial year Lawson was honored as one of the 100 outstanding living Minnesotans.



... a hand in things to come

## Moving mountains across the world

Following rugged paths through lonely African-bush country . . . dredging a river bed to carry heavily-laden barges out of the steaming jungles of British Guiana . . . crossing 6,000 miles of ocean to reach a remote island in the South Pacific. This is all part of the job faced by the geologists and mining engineers of Union Carbide as they seek out the ores of chromium, manganese, columbium and other essential alloying metals.

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... a hand  
in things to come

# ALUMNI NEWS



**MAN WITH A MISSION** story on page 12



# UNIVERSITY OF MINNESOTA

## ALUMNI NEWS

(Our 59th Year)

Continuing the Minnesota Alumni Weekly which was established in 1901, the Minnesota Alumni Voice and the Gopher Grad. Published monthly from October through June by the Minnesota Alumni Association, 205 Coffman Union, University of Minnesota, Minneapolis 14. Member of the American Alumni Council.

Vol. 59 DECEMBER, 1959 No. 3

JOSEPH H. DAVIDSON '56BA..... Editor  
EDWIN L. HAISLET '31BSEd..... Managing Editor

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## Cover Story

This month's cover subject, Capt. Donald K. Slayton '49BAeroE, may some day be the most publicized man in the world — perhaps even in several worlds.

Capt. Slayton is one of the seven U.S. Mercury astronauts — one of which will be this country's, and perhaps the world's — first man in space.

The space capsule which one day will carry Slayton or one of his six colleagues into the unknown is shown on his right.

Only one of many University of Minnesota alumni closely connected with this country's space program, Slayton has this to say of the importance of his University background: "... without a degree . . . I would never have been considered for this job. I wouldn't be an astronaut, nor should I be."

For his fascinating story, see page 12.

J. Wright '36BSL '36LLB, Edgar F. Zelle '13BA, Francis A. Lund 1931-35, Hibbert M. Hill '23BSCE, Glenn E. Seidel '36BME, Leif Strand '29DDS, J. D. Holtzermann '21BA.

*Past Treasurers:* Thomas F. Wallace '93BA '95LLB, Arnulf Ueland '17BA, Wendell T. Burns '16BA, Sam W. Campbell '25BA '27LLB.

*Honorary Life Association Members:* Dr. J. L. Morrill, President of the University.

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## Challenges Statement

Editor:

I wish to point out an inaccuracy in the *What About the Greeks* article which appeared in the November issue of *Alumni News*.

The statement that "Minnesota currently is the only Big 10 institution where the fraternity average is higher than the all-male average" is false. The State University of Iowa fraternity average for the last term was 2.33 as compared with an all-male average of 2.28. (A straight C average is 2.) Furthermore, every year for the past six years, the fraternity average has been above that of the all-male average at SUI.

Thank you for your attention.

Charles W. Day  
Public Relations Chairman  
Interfraternity Council  
State University of Iowa

## Unable to Attend

Mr. Haislet:

Thank you for your suggestion that I attend the coming Minnesota-Purdue football game and the pre-game luncheon of the Minnesota alumni. I would enjoy both, but I don't believe I will be able to do so. I have been having a sick spell, and my doctor has kept

me in my room all of the time, and I don't care to make the commitment you suggest. But I will hope to follow the game over T.V. and wish you the best of luck.

I hope some time in the future, before I pass on, that I shall be able to make another visit to the University of Minnesota, where I graduated in law, and began my law teaching and writing.

Hugh Evander Willis  
'01LLB '02LLM  
Indiana University

## RE: Homecoming

Editor:

As you undoubtedly know, the 1959 Homecoming at the University of Minnesota was one of the largest held in this country. It is with regret that we were unable to accommodate the alumni and students who had not purchased their tickets prior to the Homecoming Dance. Our facilities in Coffman Memorial Union are limited to 4,000 individuals for the dances. Even with the opening of the new Student Center on the St. Paul Campus, we were unable to take care of all of those who requested tickets.

Plans are underway for mail order tickets for next year. This should help the alumni who do not

live within the Twin City area. Again, we are sorry we were unable to accommodate those who wanted to see and dance to Glenn Miller, Dukes of Dixieland, Harry Stroebel, Jack Gabel and Gary Berg.

Richard Stanford  
Homecoming Chairman  
Gordon L. Starr '41Ed '49MED  
Director of Student Unions and  
Assistant Professor

## RE: Past Issues

... Congratulations on a proper and meaningful name for your magazine.

Guy Stanton Ford  
Washington, D.C.

## Remember those 1960 Camelback Dates

The dates for next year's Camelback Reunion have been set for Jan. 7-8-9-10-11. The biggest single event will be the festivities on Friday evening, Jan. 8. Make your plans now to attend this gala reunion of the year. Cost will be \$14 per day, American plan. See page 30 for complete details.

## CAREER WITH A FUTURE

The Sun Life of Canada, one of the world's great life insurance companies, offers men of ambition and integrity an outstanding professional career in its expanding field forces. If you are interested in a career with unlimited opportunities, then Sun Life has the answer.

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COAST TO COAST IN THE UNITED STATES

# “ . . . and bless the coming millions ”

The ninety-three state universities and land-grant institutions of America present an achievement of educational statesmanship unique in the world. In the basic responsibility these institutions discharge, in the complex service that they render, they present the living image of American democracy at work.

Today these publicly-owned colleges and universities exist as an enormous national resource because in every state across the land far-visioned practical men and women, the elected representatives of Americans of all classes, believed with good conscience and firm hearts in the nation's future. The land-grant college, the state university which these men and women created, was without parallel anywhere on earth.

Almost a century ago this miracle in higher education was a dream such as only a free, imaginative society dares to possess. Among the eloquent spokesmen of that dream was John B. Bowman, first regent (president) of the Agricultural and Mechanical College of Kentucky University (now the University of Kentucky), who said in 1865:

*“I want to build up a people's institution, a great free university, eventually open and accessible to the poorest boy in the land, who may come and receive an education prac-*

*tical and suitable for any business or profession in life. I want to cheapen this whole matter of education, so that, under the broad and expansive influences of our Republican institutions, and our advancing civilization, it may run free, as our great rivers, and bless the coming millions.*

*“Hitherto, our colleges and universities have been accessible only to the few, such are the expenses attending them. We therefore want a university with all the colleges attached, giving education of the highest order to all classes. We want ample grounds and buildings and libraries, and apparatus, and museums and endowments, and prize funds, and professors of great heads and hearts, men of faith and energy. Indeed we want everything which will make this institution eventually equal to any on this continent. Why should we not have them? I think we can.”*

Today the state universities and land-grant institutions are the proud fulfillment of this dream.

This living image of American democracy at work can stand sharp scrutiny as a social investment paying proven dividends. Let us strike the balance that these colleges and universities represent: *“Open and accessible to the poorest boy in the land”*

. . . over the years millions of Americans have been enabled through their education in state colleges and universities to contribute their full talents to serving and strengthening our national life. *“And bless the coming millions”*

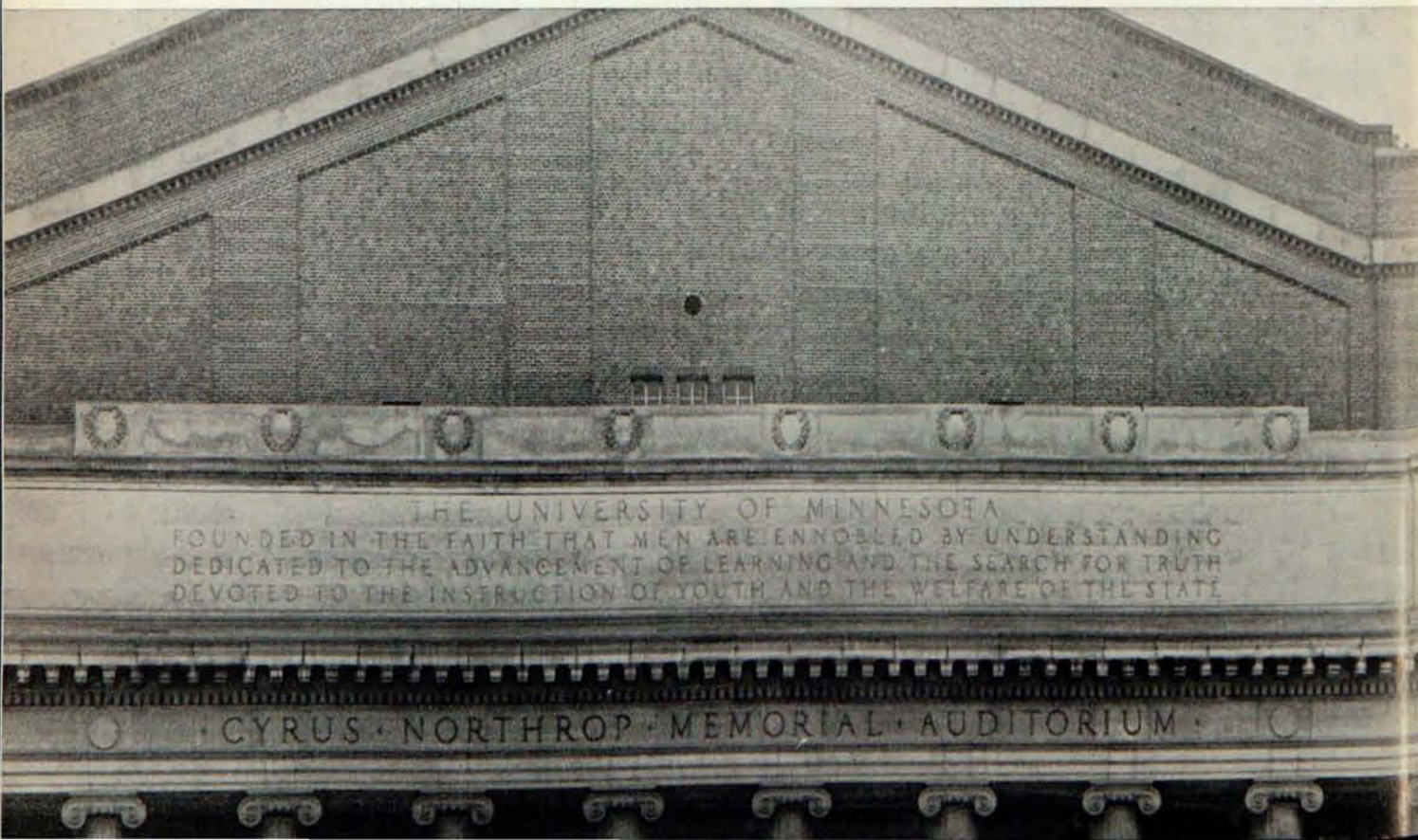
. . . today, more than 890,000 American boys and girls are learning on the campuses of our 93 state universities and land-grant institutions how to meet with competence and confidence the challenges of a free world in peril.

*“A university with all the colleges attached”*

. . . today these colleges and universities, owned and used by the people of America for the benefit of their children, represent an investment in classrooms, laboratories, and libraries worth more than three billion dollars.

But American higher education, charged with the vital responsibility of safeguarding and nourishing our free institutions and ideals,

*This statement on the need for broad educational opportunity of the highest quality through low-cost public higher education has been adopted by the American Association of Land-Grant Colleges and State Universities, together representing 93 state universities and land-grant institutions, including the University of Minnesota.*



faces today two basic dangers — one from without and one from within.

Every enlightened American, whether plain citizen, educator or legislator must recognize the crisis from without. A slave system of government and a regimented way of life that make man a robot are opposed to our system that draws its creative power and its moral strength from respect for the dignity and decency of every individual.

The challenge from within is not so easily identified. No evil intent motivates it, yet what is happening needs to be better understood.

The strange notion that the ability to afford is more important than the ability to learn leads to the growing demand that students and their families should bear an increasing share of the cost of their education. Each year thereby, capable America boys and girls find the academic gates to educational opportunity closed to them.

More and more the nation's leadership potential is lessened or lost by making personal financial ability the controlling factor in deciding who among our nation's youth shall contribute their fullest abilities to the country's future.

It is as if blandly we are to declare to a rapidly increasing number of American youth:

*"In time of war we will spare no expense in training and equipping you for the risk of death, but in time of peace your pocketbook must be the measure of whether we can use or need you."*

Two premises, entirely false upon examination, support a trend that contradicts the whole philosophy and history of public higher education in America:

The first of these spurious premises insists that higher education benefits only the individual. Therefore, he should pay at once, or borrow, all or most of the cost of his education. The second premise insists that colleges and universities should charge the full cost of education to the individual. This has never been believed possible or

sound in either privately or publicly-supported higher education.

A difficult paradox exists. Confused by an incomplete understanding of the essential function of publicly-supported higher education in our national life, well-intentioned people advance these premises. Yet were there to rise in the land a doctrine intended to undermine the creative genius of American democracy, that doctrine inevitably would yield these outcomes:

FIRST, rigid student-pay-as-you-go education imposes a pattern, dividing debtor students from creditor students. There stands your future graduating class — the solvent few, the indebted many. All must build careers, homes, families to serve America well. How free and equal have we made them for this service?

SECOND, rigid student-pay-as-you-go education denies the fundamental purpose of American education, which is to render, to the fullest extent of an individual's ability, a service that society needs. This principle supports the entire structure of American life and whatever threatens it endangers business and farm, home and community.

THIRD, rigid student-pay-as-you-go education tends to place false limits upon the future by transforming "life, liberty and the pursuit of happiness" from "inalienable" to monetary rights.

This statement is issued in the public interest. The past generations of far-sighted Americans who built the institutions we now call our state universities and land-grant institutions speak to us across the years. And what they say is this:

*"The children of the children for whom we dreamed brave dreams and in whom we invested our faith and treasure are now your sons and daughters. You are at once the legatees of the past, guardians of the present, trustees of the future."*

Shall we do less than they?

Shall we believe with fainter hearts in the future of a freedom wrought of the historic American purpose of educational opportunity and its outcomes?

We hold that these questions are the crux of the problem. We hold that in our time, as in times past, publicly-supported higher education in America will operate, and must operate, as a dynamic force enriching the national life. We hold that the educative process begins with the individual. Yet that individual never stands apart; the underlying wisdom and competence which he possesses finally is a realization that knowledge is only useful when it is shared and channeled into productive pursuits. He may serve business or he may husband the earth; he may become a minister of the Gospel or a minister of government; he may seek to probe the mysteries of outer space or to probe mysteries like cancer that afflict his fellow men.

In no major country in the world does the college student pay as much of the cost of his education as in present-day America. With higher tuitions, let there be large programs of federal and state scholarships and loans for the less well off, it is suggested. But immediately the range of opportunities is restricted and the reservoir of talent delimited. Low-cost public higher education has been in itself the most generous and productive program of scholarships devised for large numbers by any nation. To turn back from it now would be to turn back from the proven principle of a century and more.

*"Founded in the faith that men are enobled 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."*

This is the challenge carved in stone on the campus of one of the nation's great land-grant state universities. To meet this challenge, in service to the nation, the low-cost institution of publicly-supported higher education was conceived and must endure.

After 27 years . . .

## An Alumnus Looks At Fraternities



Clifford C. Sommer

**These statements are excerpts from a talk delivered last spring by Clifford C. Sommer '32BBA at the Founders Day banquet of Minnesota Alpha of Phi Delta Theta. Sommer, president and director of Security State Bank and Trust Co. of Owatonna, is a member of the MAA board of directors and an active alumnus of his fraternity. We are running his remarks as a postscript to last month's article, "What About the Greeks?"**

Are fraternities worthwhile? I answer that with a resounding "yes."

They have been a strong, worthwhile and wonderful force in college life for almost a century and a half.

Fraternities and fraternity men have made their mark on all of America.

Fraternities have stood the test of time, wars, their own mistakes and public and school criticism.

Today they remain a strong force and are at their strongest level in history. This is not biased opinion but believed by those outside of fraternity life.

Texas Christian University, a church-related, well recognized educational institution, had a policy of not permitting fraternities or sororities on their campus. This policy was in effect from the day of its founding in 1873. A few years ago Texas Christian discovered that there was a sad lack of school spirit

on the part of students, faculty and administration. In studying this problem, the question was raised as to their policy regarding fraternities and sororities.

A survey was made of this question with other similar institutions all over the United States having fraternities. Among others this survey asked two important questions?

1. What has been your experience with fraternities?

2. If you had a free choice, would you want fraternities on your campus?

The answers from the administrators of these colleges and universities were so favorable to fraternities that Texas Christian revised its policy and permitted both fraternities and sororities on their campus.

A third question asked in this survey was *what values have you found exist in fraternities on your campus?* There were six significant answers from these school administrators over the country. They said fraternities provide:

1. Improved scholastic achievement.

2. More opportunities in leadership and growth as citizens.

3. Increased moral and ethical standards on the campus.

4. More social experiences tending to give students poise, high social standards and dignity.

5. Development in students of a real concern for others and a great training for civic, social and community responsibilities.

6. Training in group loyalty to the University and its ideals and objectives. These loyalties follow after graduation and, hence, almost double the loyalty of alumni members.

A really great tribute from unbiased and authoritative sources.

Dean Thomas F. Richardson, dean of students at Texas Christian, declared, "These groups, when properly organized and functioning, will direct much energy into worthy activities and should help us solve problems instead of creating them."

Dr. Fred E. Fuchs, pastor of First Christian Church of Evanston, said, "College ought to prepare a student to live with people. A man can leave his alma mater fully versed in the ancient philosophies, well qualified to do research in three languages, practically trained to teach a room full of children, ably trained to think to a logical conclusion, but yet be a neophyte in human relations."

Think it over. It is so true.

We are not judged by our rituals but by our performance.

Our performance has been good. It can be better.

On every campus fraternities must have some regulations. We know that.

But any administration of a school of any size that does not see a real place for fraternities on a campus should re-examine its thinking and policy, forthwith.



## *University of Minnesota Hospitals*

# “A Vital, Living Force For Human Welfare”

by Phyllis Wiegand

In 1888 President Cyrus Northrop established the College of Medicine at the University.

Twenty-one years later the first University Hospital was dedicated.

Today the University of Minnesota Hospitals and the state of Minnesota are recognized in medical circles throughout the world.

This present status would have been impossible without the Medical School, the Hospitals and close cooperation with the Mayo Clinic. Together they have provided the newspaper headlines announcing medical break-throughs—open heart surgery, cancer research, fat and diet studies, “deep freeze” surgery. And the latest less than a month ago, a machine to detect tiny holes in the heart wall called a catheter.

In the early 1880's medical schools were numerous. Unfortunately, they concentrated more on collecting tuition than in turning out qualified doctors. In an effort to stop the quacks and malpractice, William Watts Folwell, first president of the University, set

up a licensing board, separated from the University.

By 1888 the University, under the direction of Dr. Perry Millard, set up the College of Medicine. The Minnesota Hospital College of Minneapolis, St. Paul Medical College and the Minnesota College of Homeopathic Medicine were absorbed into the department. A high school diploma was the only admission requirement.

The belief that a school of medicine must have a hospital in conjunction was a relatively new concept in the early 1900's. Originally American medical schools had depended heavily on lectures while clinical classes were conducted in large amphitheatres. This method gave the individual student little opportunity to personally examine patients. But it had been only a few years since aspiring doctors served an apprenticeship for an established practitioner, following him on rounds, making his pills and exercising his horse.

Teaching affiliations with Minneapolis General and

Ancker Hospital in St. Paul were the only opportunities for practical work available to the Medical School until 1909. Elliot Memorial, a 192-bed general hospital, was built in that year through a gift of \$113,000 from Dr. Elliot's family plus an additional \$42,000 from a group of citizens.

Two years after the University got its first hospital, the University got a new president, George Edgar Vincent. Vincent was young, just 46 when he came, and he brought young ideas. He believed a good teacher should keep learning through his own research. This was a revolutionary idea for those days. Medical schools throughout the country used practicing physicians as part time teachers. But Vincent – and Mayo and Diehl and Jackson and many others – got their way. "Full time appointment" was another fighting term. And again the group of determined men won. The Medical School got both full-time staff members and a program of basic research.

With expansion of the Medical School more space was needed. The year 1923 saw the University Hospitals and Medical School expanding their boundaries by the construction of three new hospitals. Plans for the Todd Memorial, Cancer Institute and Eustis Hospitals originated in that year.

William Henry Eustis offered the University \$1,000,000 worth of land on the West River Drive near Minnehaha Park "all in trust perpetuity to be used for the well-being of needy crippled children". The hospital which was built is known as the Eustis Hospital and Home for Crippled Children.

This same year Dr. Frank C. Todd died. He had been a member of the Medical School faculty for many years; in his papers were found plans for an eye, ear, nose and throat hospital which he wanted to found. The Board of Regents accepted \$40,000 from Dr. Todd's widow and friends to help erect the Todd Hospital. Mrs. George Chase Christian offered \$250,000 for a cancer institute and

the Todd Memorial and Cancer Institute were built together and opened in September, 1925.

Between 1925 and 1951 an outpatient department and a unit for women were added. In 1937 the Legislature provided funds for a psychiatric unit known as the Psychopathic Hospital.

Just as the University Hospitals and Medical School have grown in size and prestige, so has the Mayo Clinic grown. And in many ways the growth of these two centers of medicine 90 miles apart have complemented one another. But in 1914 when Will and Charles Mayo wished to affiliate with the University Medical School, opposition was rampant.

By 1914 the Mayo Clinic had 28 students participating in a formal three-year post-graduate program; a program which had unconsciously developed with the Clinic's growth. By this time the Clinic had become so successful that Dr. Will and Dr. Charles found themselves with a surplus fund of a million and a half

dollars which they wished to use for the advancement of medical science. Yet many influential men felt a state-supported institution should not be associated with a private organization. After a bitter and sometimes ugly fight, the Board of Regents in 1915 signed an agreement with the newly-created Mayo Foundation for Medical Education and Research. Since that time the many facilities of the Mayo Clinic – library, laboratories, case histories and museums – have been available for graduate students in medicine at the University.

From the time when Dr. Millard, first dean of the medical school gave more than \$60,000 out of his own pocket for the first medical school building, private gifts have provided much of the necessary money for equipment and research.

So it is in keeping with a long tradition of public generosity that the Variety Club, Mayo Memorial, Masonic Memorial and Veteran's of Foreign Wars Cancer Research

*(Continued on page 28)*



# Memo

TO                   Members of the Association  
FROM                The Executive Secretary  
SUBJECT            The Cost of Operating the University—1958-59

Eighty-eight and one half million dollars is what it cost to operate the University of Minnesota for the year ending June 30, 1959. That's \$7,376,709 per month, \$1,702,317 per week, \$242,520 per day, 365 days a year.

What does 88½ million support? (1958-59 figures): 3 campuses and 8 agriculture stations; 239 major buildings; 839 minor buildings. The Minneapolis Campus has 225 acres, St. Paul Campus—726 acres, and the Duluth Campus—174 acres. The University is composed of 13 colleges and Duluth, and 149 departments. In its 108 years of existence the University has granted over 140,000 degrees. There are 3,778 on faculty and 5,267 on Civil Service staff; there are 26,568 students (fall quarter—second week) but actually, 36,371 students matriculate during the year. Add to this 27,379 of non-collegiate enrollment and 23,495 in extension and that brings a total of 87,245 different individuals who enjoy the opportunity of education at the University.

More important than these statistics about the University is that it has been closely tied to the growth and development of the State itself. The early emphasis and leadership of the University to establish a public system of primary and secondary education; the early identity of the University with the agriculture of the State; the establishment of its professional schools which has furnished the doctors, lawyers, dentists, pharmacists, engineers and teachers—not alone for Minnesota, but for much of the northwest area stretching to the Pacific; the University's research has helped the development of industry and increased the wealth of the State; its research in medicine and public health which has meant so much to the health of the people of the State.

It costs money to operate and maintain a great state university—it will cost more. As President Morrill has often said, "The measure of support given the University as the developmental arm of the State—is the measure of the peoples' faith in their own future".

The summary and sources of income and expenditures during the last fiscal year (and in comparison to the previous year) are as follows:





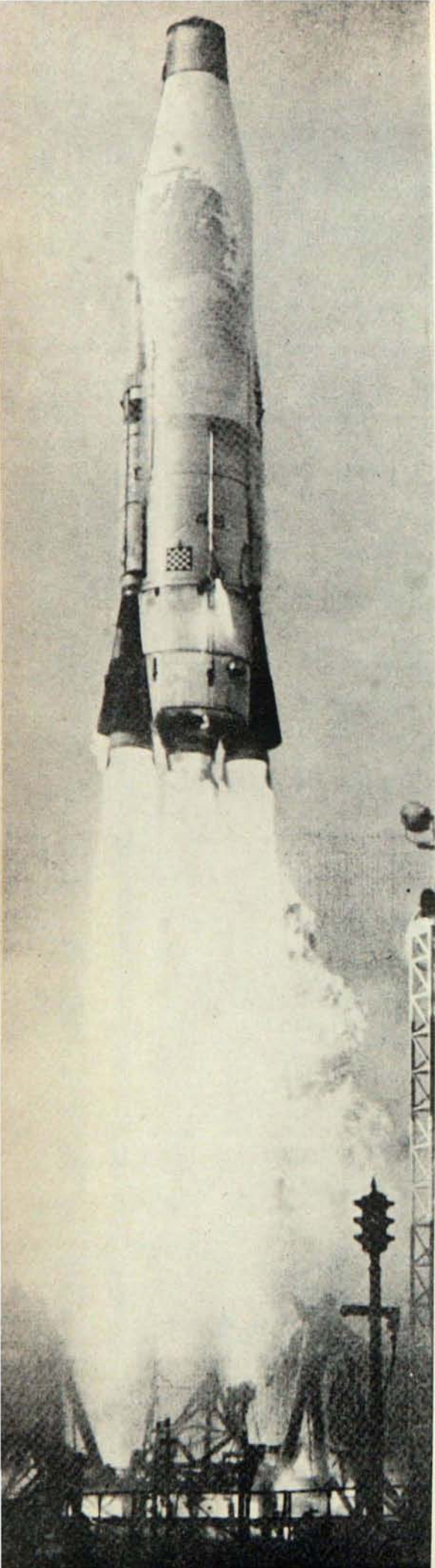
<u>Sources of University Income</u>				
	<u>1957-58</u>	<u>Percent</u>	<u>1958-59</u>	<u>Percent</u>
From the State	34,278,320.64	43.7%	38,410,936.10	43.4%
From Trust Funds	14,227,127.38	18.2%	17,456,647.54	19.6%
From Fees & Receipts	13,137,045.97	16.8%	14,333,868.14	16.2%
From University Service and Revolving Funds	12,698,158.03	16.3%	13,941,035.89	15.8%
From the Federal Government	2,439,375.73	3.2%	3,176,924.03	3.6%
From Intercollegiate Athletics	1,412,790.67	1.8%	1,205,359.98	1.4%
	<u>78,192,595.44</u>	<u>100.0%</u>	<u>88,524,771.68</u>	<u>100.0%</u>
Free Unencumbered Balance	4,364.82			
	<u>\$78,196,960.26</u>			

<u>Expenditure for University Operation</u>				
	<u>1957-58</u>	<u>Percent</u>	<u>1958-59</u>	<u>Percent</u>
For Instruction and Research	32,110,989.50	41.1%	35,077,447.34	39.5%
For Physical Plant Extension	11,239,381.40	14.4%	17,505,560.26	19.6%
For Trust Fund	12,983,516.03	16.6%	15,044,162.26	16.9%
For University Service and Revolving Funds	11,386,990.91	14.3%	12,194,110.21	13.7%
For Physical Plant Operation	4,242,374.47	5.4%	4,364,982.55	4.9%
For General University	3,777,905.80	4.8%	3,571,355.28	4.0%
For Administration of the University	1,897,790.60	2.5%	2,042,809.23	2.3%
For Intercollegiate Athletics	1,079,626.57	1.4%	1,189,200.71	1.4%
For Transfers and Adjustments	- 521,615.02	- .5%	-2,469,114.09	-2.3%
	<u>78,196,960.26</u>	<u>100.0%</u>	<u>88,520,513.75</u>	<u>100.0%</u>
			<u>4,257.93</u>	
Free Unencumbered Balance				
			<u>\$88,524,771.68</u>	

A complete financial report of the University will be mailed upon request to the office of the Vice President for Business Administration.

Sincerely,

*Ed Havel*



*University Alumnus Donald Slayton*

*The mighty Atlas missile,  
the booster which will  
one day fire one of  
the seven astronauts  
into orbit, leaves the  
launching pad at Cape  
Canaveral with a roar*

# Has Space, Will Travel

"The crushing force (of acceleration) will shove the air out of his lungs . . . He will wait in heavy silent oppression. Then (in orbit) he will have dropped suddenly, as if over a precipice, into a still and weightless world . . . Finally the vehicle (will) plunge back . . . and crash into the atmosphere like a stone in water . . ."

It's not a trip that most of us would look forward to but for Air Force Capt. Donald K. Slayton '49BAeroE, the feeling will be "one of extreme good fortune and thankfulness" if he is selected to make the journey — this country's and perhaps the world's first manned space effort.

And Capt. Slayton's chances are pretty good. One of the seven Project Mercury astronauts selected by the National Aeronautics and Space Administration (NASA), Slayton stands a one-in-seven chance of being our first space traveler.

Since last April and for the next 18 months the seven astronauts — all test pilots at one time or another — have undergone and will undergo the most unusual and intensive training program ever devised for the most daring mission man has ever undertaken.

But Slayton, as well as the other six, is looking forward to the mission, and competition is keen among them as they vie for the most important assignment of their lives.

All branches of the service are represented and all men are college-educated. Others, in addition to Slayton, are Lt. Malcolm S. Carpenter, Lt. Cmdr. Walter M. Schirra Jr. and Lt. Cmdr. Alan B. Shepard Jr., Navy; Capt. Leroy C. Cooper Jr. and Capt. Virgil I. Grissom, Air Force; and Lt. Col. John H. Glenn Jr., Marines.

All are in their 30's, are married and have children. In addition, each astronaut has accumulated at least 1,500 hours of flying time and has been a test pilot for part of that time. Slayton has some 3,500 flying hours, 2,000 in jets.

Slayton, 35, grew up on the family's dairy farm about five miles south of Sparta, Wisc. Immediately after high school graduation in 1942 he went into the Army Air Corps and spent the war flying 63 combat missions over Italy. In 1945 he flew seven combat missions over Japan.

Following his service time and graduation from the University in 1949 he went to work for Boeing but couldn't get into their testing program. When his old Air National Guard unit in Minneapolis was called up in 1952, Slayton could have gotten out but instead was back in Minneapolis the following day.

He was assigned as a technical inspector at 12th Air Force Headquarters in Europe and then was a jet fighter pilot and maintenance officer with the 36th fighter wing in Bitburg, Germany.

While in Germany he married an attractive California brunet, Marjorie Lunney, and requested transfer to the Air Force test pilot school. He got the assignment and since 1956 had been testing the newest delta-wing jet fighters.



The Slaytons have one son, Kent, two.

How does it feel to be one of the first men selected for this history-making project? "If I had all the money in the world and could buy anything I wanted, my present condition would be my first choice," Slayton declares.

How does the prospect appear? In the following exclusive interview with Capt. Slayton, the *Alumni News* presents his answers to the questions everyone is asking of one of the most publicized men in science and space today.

**What is the feeling of your family on your assignment as one of the seven astronauts?**

In general, my family is as proud and happy as I about being an astronaut. Margie (my wife) is most enthusiastic about this project as she was regarding my previous test pilot experience. My mother and father were never highly enthused about my flying, but I do not feel they are any less so about this.

**What are your personal feelings on this assignment, taking into consideration the fact that you've seen a lot of service and have had a lot of important assignments before?**

My personal feelings on being selected for this program border on disbelief. I periodically need to convince myself that I was fortunate enough to be selected. If I had all the money in the world and could buy anything I wanted, my present condition would be my first choice.

**What prompted you to volunteer for such an assignment — excitement, service to your country, advancement of science, a personal challenge, etc?**

There was never much question of being prompted to volunteer, but rather how to beat the competition for selection. Reasons for being deeply interested would be a composition of many things including all you mentioned. Actually, advancement of science, service to country, personal challenge, etc. are inherent in any test flying. The main difference in this program is the increased scope, that is an ex-

ceptional increase in altitude and speed over previous flights and laying the groundwork for all further space travel.

**How did you get in on the interviews in the first place and how many were in the running when the program first started?**

NASA established the ground rules which led to initial interviews. The basic criteria of pilots who had attended either U.S.A.F. or Navy test pilot schools resulted in some 500-plus candidates. Further criteria of a degree in engineering or sciences, under 5'11" in height, and under 40 years of age, cut the list to 110, which it was when I was first interviewed.

**What were the various training phases that led to your selection as one of the seven, and what was the selection based on?**

No training was involved in selecting the seven. One week was devoted to various written tests and interviews after which the list was narrowed to 36 pilots. The 36 then spent one week undergoing continuous physical examinations to ensure perfect health. Another week was spent undergoing simulations of possible stresses in space flight, plus other physical and mental tests. These were primarily to determine each individual's capacity to cope with extreme physical and mental stresses.

**What were the qualifications?**

Reasons why I was selected instead of someone else will have to be answered by the selection committee. I feel I did reasonably well on all tests engaged in and have a great deal of combined technical and test pilot experience.

**Why were only seven selected for training?**

Seven pilots are adequate to perform all phases of the program, even assuming losses enroute.

**What do you feel is the most important aspect of the program as far as you, personally, are concerned?**

I feel the most important aspect of the program is that it opens the door to manned space flight and interplanetary travel. It is the first and a most necessary step. Any other gains are by-products.

**What is the particular difficulty or difficulties that you run into being one of the most publicized men in science and space today?**

There have been no major difficulties associated with the publicity to date. The press and public have a legitimate interest in all aspects of the program and NASA through Col. John Powers has done very well, in my opinion, in keeping the public informed without curtailing or jeopardizing our busy schedule. Pre-planned, wide-open sessions with the press eliminate constant hounding, so to speak.

**What are the various phases of the training program and when do you expect to start the final phase — sub-orbital flights?**

The phases of the training program are continual in nature with no specific cutoff time or date. These include physical conditioning, studies of the basic theories of astronomy and space flight, familiarization with all equipment associated with the program, practice in the use of all equipment under simulated flight conditions. Timing on sub-orbital flights is 1960.

**Outside the possible monetary considerations which may come later, what are some of the advantages of being one of the seven?**

The primary advantage of being one of the seven is only seven-to-one odds against being the first man into space. This is comparable to the same odds of being a Lindbergh, the Wright Brothers or Columbus, depending on your sense of values. In any case, what other advantage could anyone possibly dream of?

**What has been the most difficult part of the training program so far and what do you expect to be the toughest coming up?**

No part of the training to date has been especially difficult and I do not visualize any unusually rough situations in the future. I think it appropriate to mention that if any part of the training hit very bad, we wouldn't be here. The layman should realize that after 17 years of flying, including about two in combat and four in experimental testing, situations appear normal to

me which might easily shake someone of another profession. This is my business.

**After all this intensive training, won't it be quite a letdown to the six men who aren't chosen for the flight?**

It will be a very great letdown for the six who do not make the first flight. However, I feel all have an approximately equal chance up to the time the missile is underway and as in any given poker hand, only one man wins and the rest don't immediately quit. The knowledge gained by each individual, and operations beyond the first flight, more than compensate for any short term disappointment.

**Are you astronauts actually helping in the engineering development of the Mercury space capsule or are you leaving that up to someone else and concentrating on the training end of it?**

We are working with NASA and contractor engineers in the same capacity as any experimental test pilot follows a vehicle from the drawing board to the flight stage. There are always cases where an engineer involved in infinite detail overlooks aspects which are operationally feasible, or the pilot expects something which is not feasible from an engineering standpoint.

**Once you — or one of the other six — are in orbit, what will be the particular problems? And what about the return trip?**

Essentially, the main problem in orbit will be to keep all systems functioning properly. No problems exist unless equipment fails. The possibility exists that zero G conditions may be a problem to the pilot, but this appears a remote probability to me. Re-entry poses many problems such as high G, high heating, controllability and so on, but none which cannot be coped with.

**Is the public generally overestimating the danger involved?**

Not knowing the public estimate of problems involved, I'd prefer not to comment.

**Dr. Glennan states that the space capsule will be "as reliable as man can devise" and the first flight will**

**be as safe as the first flight of any experimental airplane. As a test pilot, just how safe is that?**

A quantitative definition of how reliable any vehicle is on first flight is difficult to make. Too many unrelated factors must be considered. I think it suffices to say that no vehicle goes on a first flight without reasonable assurance it will return safely. I personally know of no modern flight vehicle which has failed on its first flight.

**With all this talk about danger and the chances of survival, just what do you think the chances actually are, even with all the built-in safety factors?**

I think the chances of survival are excellent and nothing to be concerned with. Obviously the pilot must survive if we are to consider space flight practical. We aren't about to launch a mission until we do consider it can be successful. There is, of course, an element of risk in everything we do, including taking a bath, but risk has never deterred us from progress in the past. Man is similar to the turtle in that he can't get very far without sticking his neck out a bit. **What will be the procedure when the big day arrives?**

The procedure for the orbital flights will be almost identical to sub-orbital flights and will have been rehearsed many times. Essentially, this will be a standard missile countdown, revised to include the Mercury vehicle as payload. The countdown is classified information at present.

**How many pounds of thrust will a rocket engine have to have to get a man into space and just what will be the effect on the man?**

The thrust required for orbital flight is approximately one-half million pounds. The effect on the man will be building up in G forces and probable initial high noise and vibration level. None of this will be excessive and we have all undergone it individually already.

**When the man for the first trip finally is selected, what equipment will he have to wear?**

The equipment to be worn will be a full-pressure high-altitude or space suit, capable of supporting a man in a vacuum and giving protection against high heat loads. These suits are being procured for all astronauts at present.

*(Continued on page 25)*

**LOOKING MORE LIKE SUCCESSFUL** young businessmen than future space travelers, the seven Project Mercury astronauts line up to be shot — not into space but by a photographer. They are, left to right, Capt. Virgil I. Grissom, Air Force; Lt. Col. John H. Glenn Jr., Marines; Capt. Leroy C. Cooper, Air Force; Lt. Cmdr. Walter M. Schirra Jr., Navy; Lt. Malcolm S. Carpenter, Navy; Lt. Cmdr. Alan B. Shepard Jr., Navy; and Capt. Donald K. Slayton, Air Force.



## Men Behind the Man



Homer J. Stewart

While public attention, for the most part, focuses on the seven Project Mercury astronauts and the role they will play in this country's first man-space program, their fame would be impossible without the men behind the scenes.

Engineers, scientists and doctors — many of them University alumni — have paved the way through their experience, work and research.

Many of them are associated with the National Aeronautics and Space Agency (NASA), successor of the old National Advisory Committee for Aeronautics.

Col. John P. Stapp '44MD, "the fastest man on earth" and originator of some of the tests used to select the space pioneers, heads the Aero Space Medicine Laboratory at Wright Air Development Center.

Many others, too numerous to mention, are in private industry and a few are educators.

Two of the men most closely associated with Project Mercury are Homer J. Stewart and Robert

R. Gilruth, University classmates in the 1930's.

Stewart '36BAeroE is responsible for the planning of national programs in space technology and exploration both for the immediate and long-range future. He is concerned with the evaluation of progress in aeronautics and space programs now underway — including Project Mercury.

Gilruth '35BAeroE '36MSAeroE is director of the project.

In Stewart's own words, his "present position (while on leave from the California Institute of Technology) is that of director, Office of Program Planning and Evaluation for the NASA.

"In this position the primary responsibility is to assist the various echelons of the organization in preparing the basic program planning material and to plan an overall synthesis of the planning activity.

"In addition, my group has a responsibility to observe the operations of the organization and to

report to the administrator (Dr. T. Keith Glennan) on general status and to bring to his attention problems on policy matters requiring special attention."

Stewart joined the NASA in October, 1958. Previous to his appointment, he was professor of aeronautics at the California Institute of Technology and chief of the Liquid Propulsion Systems Division of the Jet Propulsion Laboratory (JPL) at Cal Tech.

Serving on Cal Tech's faculty from 1936 until his appointment, he reached the status of professor. In 1939 he and several others formed the nucleus of what later became the JPL, operated by Cal Tech under contract to NASA.

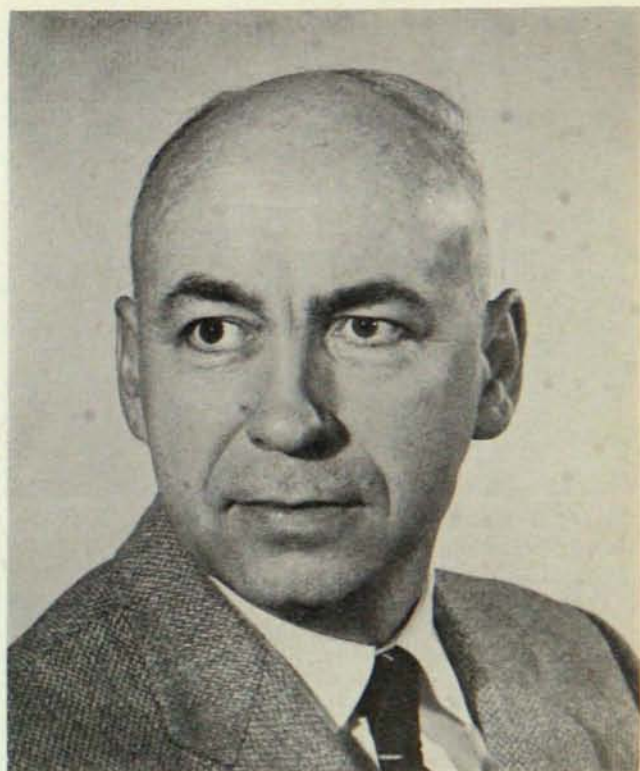
He participated in many pioneering rocket projects, was a division chief in the Design and Power Plants Department and participated in the joint effort of the JPL and the Army Ballistic Missile Agency in developing and launching the first American satellite, Explorer I.

In addition, he has been con-

# They

# Also

# Serve



Robert R. Gilruth

sultant to several industrial and government organizations and was part-chairman of the Advisory Group on Special Capabilities, Office of the Secretary of Defense, and recently served as consultant to the Senate Preparedness Investigation Subcommittee.

His close associate, Gilruth, got his start in space exploration from Professor Emeritus Jean Piccard — and in Memorial Stadium, of all places.

Both Gilruth and his wife, the former E. Jean Barnhill '35BAeroE, had aeronautics fellowships under Professor John Akerman, department head. And both were friends of Piccard.

During Piccard's early balloon flight experiments, Mrs. Gilruth helped by making the first plastic high altitude balloons while Gilruth worked with Piccard on the launching operation.

Up until his association with Project Mercury, Gilruth was almost unknown outside of the flight research profession. However, inside

that circle he was — and is — widely esteemed for several excellent reasons.

One is that he invented the technique of using the sky for a wind tunnel. The system worked so well that during the past 15 years, there haven't been many surprises when test pilots take up high speed planes for tests.

Briefly, instead of using wind tunnels to test model planes to find out what would happen in the sonic speed range, the test models were attached to the wing of an airplane. When the plane dived, the model was exposed to air speeds just equal to the speed of sound.

One thing led to another and finally they started using rockets and built up a testing facility at Wallops Island, off the coast of Virginia. The data gathered proved extremely helpful in developing the X-model high speed rocket airplanes.

For his research in pilotless aircraft, Gilruth received the Sylvanus Albert Reed Award for 1950, one

of aviation's highest awards. In 1954 he was presented with the University's Outstanding Achievement Award, along with Stewart, Lawrence A. Clousing '28BEE '32BAeroE '33MSAeroE, Robert H. Jewett '31BAeroE, Lewis A. Robert '30BAeroE and Walter A. Spivak '33BAeroE.

Gilruth's experiments were so informative that in 1947, when Charles E. Yeager flew a rocket airplane faster than sound for the first time in history, he knew what to expect when the plane passed through the sonic barrier — he knew in advance that the controls would have the opposite of the normal effect.

Not the only airman in the family, his wife was the only woman flyer on the 1937 University flying team and also was one of the few women in the country to hold a commercial pilot's license before World War II.

Gilruth joined the NACA in 1937. Working closely together in this  
*(Continued on page 34)*



**CAPTAINS ALLI GOPHER FOOTBALL HISTORY** passed in review at the Bernie Bierman reunion Oct. 30 when 12 of the 18 captains that played under him got together for this photograph. They are (front row, left to right) Bruce Smith, 1941; Robert Sandberg, 1946; and Bill Johnson, co-captain in 1940 with Bob Bjorklund. Back row, left to right, are Clayton Tonnemaker, co-captain in 1949 with Howard Brennan; Dick Wildung, 1942; Bob Bjorklund, 1940 co-captain; Bierman; Edwin Widseth, co-captain in 1936 with Julius Alphonse; Francis (Pug) Lund, 1934; Ray King, 1937; Glenn Seidel, 1935; and Win Pederson, 1939. Not pictured are Walter Hass, 1932; Roy Oen, 1933; Julius Alphonse; Francis Twedell, 1938; Paul Mitchell, 1943; Steve Silianoff, 1947; Walter Beson (deceased), 1948; and Dave Skrien, 1950. Individual game captains were used during the 1944-45 seasons. (Photo by Paul Wychor)

## Reunions Commemorate

# 20 Golden Years of Grid Greatness

Twenty years of Minnesota Football – the colorful decades from 1930 to 1950 – passed in review last October when two former grid coaches were honored at reunions.

H. O. "Fritz" Crisler, grid mentor during the 1930 and 1931 seasons, was feted Oct. 22 and Bernie Bierman '16BA, Minnesota's own "Grey Eagle" who held the football reins from 1932 through 1950, was similarly honored Oct. 30.

More than 200 former players, coaches, trainers and well-wishers from the press, radio and TV turned out to honor Bierman who resigned as coach nine years ago after 16 seasons at the helm of his alma mater (Dr. George Hauser took over during the 1942, 1943 and

1944 seasons while Bierman served in the Marine Corps.)

A smaller but no less enthusiastic crowd greeted Crisler, now director of athletics at the University of Michigan.

The roster of players attending the two reunions read like a Minnesota football "Who's Who" – captains, coaches and All-Americans, the great, near-great and not-so-great swapped football yarns while they re-lived their grid triumphs and losses.

This brings to four the number of annual football reunions that have been held for players of various coaching regimes. Last year Doc Williams (1900-1921) was honored and Doc Spears (1925-1929) was feted two years ago.



**MINNESOTA'S GREY EAGLE**, Bernie Bierman, had a chance to talk over "the good old days" when he got together with these three players from his earliest teams at Minnesota. Standing next to Bierman is George Svendsen who played on the 1933 and 1934 teams and later became line coach; Francis (Pug) Lund played on Bierman's 1932, 1933 and 1934 teams, was captain on the 1934 squad and named All-American that year; and Les Knudsen, a member of Bierman's 1932, 1933 and 1934 teams also. (Photo by Paul Wychor)



**REMEMBER THE TIME WHEN . . .** asks Ray King (left) at the Bierman Reunion. King, captain of the 1937 Gophers, was master of ceremonies at the dinner but he had time before activities began to reminisce with Dal Ward and Dr. George Hauser of Bierman's coaching staff and Halsey Hall, long-time friend of Bierman and radio sports personality. (Photo by Paul Wychor)



**H. O. (FRITZ) CRISLER** (right), coach of the 1930 and 1931 Gopher gridders, looked back with fond memories on his Minnesota days as he reminisced with George MacKinnon, former Gopher great who served as line coach under Crisler, and Claire L. (Shorty) Long, member of Minnesota's 1915 team.



**MEMBERS OF THE CRISLER REUNION** Committee who planned and staged the Oct. 22 affair were (left to right) Sam Swartz and Mervin O. Dillner, members of the 1930 and 1931 squads; MAA ExSecy Ed Haislet and Stanley F. Lundgren, members of the 1930 squad; and George Champlin, member of the 1931 team. Crisler is shown in the center.



Varsity sports may be bigger and better than ever this winter at the University.

Even the coaches of basketball, hockey, wrestling, swimming, gymnastics and indoor track are having trouble tempering their optimism. Most of them are flatly predicting improvement, in some way or another, over last winter.

### Basketball

Minnesota will have a distinctly different flavor for the first time in years. For one thing, John Kundla brings from the professional ranks his running game to replace Ozzie Cowles' walking game. Whether or not the material at hand will enable Kundla to use a fast-breaking attack, certainly the Gophers will move around on offense more than in past years.

Just about anybody could start for Minnesota—at the forwards and guards. Center is in the capable hands of senior Ron Johnson who may realize *greatness* under Kundla, as *good* as he was under Cowles.



Johnson's four running mates may vary from time to time but should include forwards Tom Benson, Ray Cronk and Dick Erickson and guards Paul Lehman, Marlo Miller and Cal Sabatini.

With Cronk and Erickson at forwards, the Gophers would average more than 6-6 across the front but Benson, only 6-4, is adapting himself to the new offense and will be tough to oust from his starting position. Norm Grow and Tom Skadeland aren't out of the picture either.

In the back court, sophomore Sabatini, perfectly suited to Kundla's hurry-up tactics, is trying to push Lehman or Miller off the first team. In fact, Bob Griggs and Wes Hiller have the same thing in mind. If Curt Thalberg becomes eligible next quarter, the guard position will be loaded.

## Winter Sports Look . . .

# Bigger and Better

by

David Butwin

Minnesota Daily Sports Editor

## Hockey

Defense, at this early stage, seems to be a weakness — but nothing to prevent Coach John Mariucci from sleeping.

Still, he must adequately replace several graduated defensemen and a goalie if Minnesota is to go anywhere in the new Western Collegiate Hockey Association.

Little Mike Doyle, who spelled Don Vaia quite a bit last year, will get Mariucci's call in the nets.

On defense, only Larry Johnson returns as a letterman. Newcomers



Mariucci of them all.

Up front, the Gophers shouldn't worry Mariucci. In addition to co-captains Myron Grafstrom and Jerry Melnychuk, returning lettermen are Jim Rantz, Jerry Norman, Stu Anderson and the Rovick brothers, Roger and Dave. All can skate and score.

A few others who didn't earn letters last season could contend for forward positions. Among them are Ricky Alm, Doug Larson, Larry Smith and Jerry Westby.

## Gymnastics

Coach Ralph Piper starts his 31st year at Minnesota, optimistic as ever.

Even disaster in the form of injuries and ineligibility last year didn't discourage Piper. From a squad of 15 at the start of the season, he wound up with four. This year he opened practice with 14, hoping to see most of them in uniform



Piper

by the Big 10 meet at the University March 4-5.

High scorers back from last season are captain Duane Hoecherl, Bob Schwarzkopf and Warren Rolek. Jerry Hall, ineligible last year, will add noticeable strength. Brothers Jim and John Wolf and Allen Webster round out Piper's top seven.

## Wrestling

As usual, wrestling will be strong at the University this winter if everyone stays scholastically eligible.

Of the seven boys who placed in the Big 10 meet won by Minnesota, five still are with Wally Johnson and the team. Heavyweight champion Bill Wright was graduated but returns as assistant coach.

Coach Johnson probably will count on these nine to fight off Iowa, Michigan State and Michigan in Minnesota's quest for three titles in four years: Ron Andrews, 123; Bob Board, 130; Chuck Coffee, 137, third in Big 10 and fourth in NCAA; Jim Reifsteck, 147, third in the Big 10; Harry Schlieff, 157, second in the Big 10; Bill Kehnon, 167, fourth in the Big 10; Vern Dykema, 177; Rog Evans, 191; and Don Mrochinski, heavyweight.

Other squad candidates are Bob Kehnon, Lonnie Rubis, Dave Moberaton, Scott Carnes and Jim Bufington.

## Track

Jim Kelly's boys didn't lose a meet last year, indoors or out, and may not this year. Graduates Norm Anderson, Buddy Edelen, Bob Mittelstadt and Bruce Halgren were good — but not indispensable.

Minnesota should be strong in some events, balanced in others.



Kelly

Dave Odegard and Skip Pederson form an unbeatable team for hurdles competition. Ivars Kauls is better than ever in the quarter mile. Bart Bontems could someday threaten Edelen's records in the two-mile. Bill Erickson has limitless potential in the mile and half-mile. Stan Morrow can score in the broad-jump and pole vault.

And so it goes. Others ready to help out are Len Levine, sprints; sophomore Jim Fisher, quarter-mile; sophomore Rod Lazork, two-mile; Carl Pederson, broad-jump; Judge Dickson, high-jump; Denny Albrecht, shotput; and Dick Patten, broad-jump and pole vault.

## Swimming

Sophomores may hold the key to success this season. Coach Bill Heusner hopes a big crop of rookies can replace Bill Comstock, Don Flyckt and Jack Sullivan, all high scorers last season.

Heusner doesn't hesitate in naming his top three for 1959-60.



Heusner

Co-captains Chip Peterson and Wilt Berger along with junior Bill Carney will swim any and every event if necessary, Heusner says.

If his big three can get bigger and if the rest improve, Heusner forecasts a seventh place finish in the Big 10, one higher than last year. Some of the rest are Bruce Ketola, Larry Freeborg, Dick Bakula, Pete VanZanden, Clark Bergman, Ron Blackmore, Bill Newhouse, Duane Quenette, Dick Edberg and Steve Johnson.

## Two Educators Will Receive Outstanding Achievement Awards

Election of officers, the presentation of two Outstanding Achievement Awards and a report by Dean Athelstan Spilhaus will highlight the annual meeting of the Institute of Technology Alumni Association this month.

The meeting will be held Thursday, Dec. 3, at the St. Paul Town and Country Club.

The dinner, which will be held at 7 p.m., will be preceded by a social hour at 6.

James J. Lingane '35BCh '38PhD, chairman of Harvard University's department of chemistry, and George L. Tuve '20BS '21ME, head of the department of mechanical engineering at Case Institute of Technology, will be presented with the University's Outstanding

Members of the Mechanical Engineering class of 1924 will hold a reunion with a noon luncheon Dec. 3 at the Normandy Hotel, Minneapolis. In the evening they will attend the Association meeting.

W. Lyle Borst and Frank O. Morris are co-chairmen of the class reunion.

Achievement Award at the dinner meeting and both will respond.

Robert A. Hoel '47BSAeroE will give the nominating report and Association members will elect new officers for the coming year.

In addition, Dean Spilhaus will give a short report and it is hoped that one or more scholarship recipients will attend as guests of the Association.

### Greater Chicago Club Will Meet Jan. 22

The Minnesota Alumni Club of Greater Chicago will hold its annual meeting Jan. 22, 1960, M. F. Kanne '51BEE, secretary of the organization, has announced.

The meeting will be held at the Chicago Lake Shore Club, 850 North Lake Shore Drive.

### Nichols Will Head Fox River Group

Freeman Nichols '31BME was elected president of the Fox River Valley Minnesota Alumni Club at the 22nd annual meeting of the group recently.

Other officers for the coming year are Dave Warner, vice president; Ken Watkins, secretary-treasurer; and Howard Palmer '22BSCE, historian.

### Nursing Alumnae To Meet Jan. 20

The School of Nursing Alumnae Association will hold its annual meeting at 7:30 p.m. Wednesday, Jan. 20, in Powell Hall amphitheater.

Chief item of business will be a proposed revision of the group's constitution and by-laws.

The proposed change calls for a quorum to consist of the members present at a regular called meeting of the Association providing the membership has been informed of the meeting by means of the Association Newsletter, the Alumni News or by a letter to all members at least four weeks prior to the meeting.

Previously, one-third of the membership was necessary for a quorum.



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University of Minnesota  
Minneapolis 14, Minnesota

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Gold M on maroon

Maroon M on gold

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I am a member

## School of Business Administration Alumni Association Holds Meeting

Al Heimbach '42BBA, Mrs. Katherine Doyle McGaw '30BBA and Daniel B. McGraw '43BBA were elected to three-year terms on the School of Business Administration Alumni Association board of directors at the group's annual meeting Nov. 19. The board will elect its own officers at a latter meeting.

The election was only part of the day's program which included the presentation of five Outstanding Achievement Awards by University President J. L. Morrill, an address by R. Conrad Cooper '26BSCE, executive vice president, personnel service, United States Steel Corp., and an afternoon of seminars sponsored by eight business organizations and associations.

Recipients of the University's Outstanding Achievement Awards were Elmer L. Andersen '31BBA, president of H. B. Fuller Co., St. Paul, and a member of the MAA board of directors; Carlyle E. Anderson, '32BBA, president of Wyck-off-Anderson, Inc., Evanston, Ill.; Wendell T. Burns '16BA, retired senior vice president of Northwestern National Bank of Minneapolis, executive secretary of the Upper

Midwest Research and Development Council and president of the MAA; Carl W. Hayden '16BA, vice president of First National City Bank, London, England; and Harold E. Wood '18BA, president of Harold E. Wood and Co., St. Paul.

The Association held its annual Student Leader-Alumni Board luncheon on Tuesday, Dec. 1. James V. Aldridge '49BBA served as chairman of the luncheon.

On Wednesday, Dec. 2, the Faculty-Alumni Board dinner was held. Waldo Hardell '26BS and Kenneth C. Glaser '42BBA were in charge of arrangements.



**OUTSTANDING ACHIEVEMENT AWARD WINNERS** at the Nov. 19 School of Business Administration Alumni Association annual meeting were (left to right) Elmer L. Andersen '31BBA; Carl W. Hayden '16BA; Harold E. Wood '18BA; Wendell T. Burns '16BA; and Carlyle W. Anderson '32BBA. The awards were presented by University President J. L. Morrill. (Photo by Paul Wychor)

DECEMBER, 1959

Your

## MINNESOTA CHAIR



Whether your home, office, or studio follows the conventional or modern trend, this beautiful chair will lend itself in perfect harmony . . . this chair, which comes in black, with gold trim and has a proper place in the conventional or modern setting.

You have always admired this type of chair for its beauty in design and comfort . . . and now you may own one with that added "personal touch" . . . the Minnesota seal has been attractively silk screened, in gold, to the front of the chair.

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Minneapolis 14, Minn.

Enclosed please find

my check for \$ .....

Kindly ship ..... Minnesota Chair(s)

Name .....

Address .....

City ..... Zone ..... State .....

## Medical Alumni Honor Class of '34



**MORE THAN 40 MEMBERS OF MEDICAL SCHOOL** Class of 1934 were honored at the annual meeting of the Alumni Association of the University of Minnesota Medical School when the organization met Oct. 30 at the Radisson Hotel.



**BOARD MEMBERS OF THE ALUMNI** Association of the University of Minnesota Medical School, shown here with their wives at the group's annual meeting, were (left to right) Dr. and Mrs. John H. Linner '43MB '43MD '53MS; Dr. and Mrs. Neil M. Palm '48BS(Md) '50MB '51MD; Dr. and Mrs. Virgil J. P. Lundquist '42MB '43MD; Dr. and Mrs. Robert B. Howard '42BA '44MB '45MD '52 PhDMed, dean of the Medical School; Dr. and Mrs. Byron B. Cochrane '37BS '47MB '38MD; Dr. and Mrs. Sheldon Lagaard '41BS '43MB '43MD; Dr. and Mrs. Robert O. Quello '35MB '36MD; Dr. and Mrs. Robert H. Monahan '40BS '42MB '43MD; and Dr. and Mrs. H. Mead Cavert '42BS(AgSciSp) '50MB '51MD '52PhD(Phys), assistant dean of the Medical School. Dr. Linner is the only member who was not renamed to the board at the meeting. Only new member of the board is Dr. Arthur C. Aufderheide '44BS '46MB '46MD. The board elects its own officers. (Photos by Paul Wychor)

### Northern Californians Set Annual Meeting

The annual meeting of the Northern California Chapter of the Minnesota Alumni Association will be held Friday, Jan. 15, at Sabella's in San Francisco.

A social hour starting at 6:30 p.m. will be followed by dinner at 8. Following dinner, there will be dancing.

MAA ExSecy Ed Haislet will be guest speaker at the meeting and his subject will be "Plans, Progress and Programs of the University of Minnesota." It will be an opportunity for alumni in the northern California area to learn firsthand about the expansion program and University educational activities.

Plans and progress of the Trust Foundation will be thoroughly presented and the first allocation of the Foundation will be determined.

Information about the meeting can be obtained from Robert A. Bennighof, Room 608, 333 Montgomery Street, San Francisco 4. He may also be reached at EXbrook 7-2533.

(Continued from page 15)

**Victor L. Anfuso, member of the house committee on science and astronautics, said recently that the U.S. now is able to put a manned satellite into orbit and recover the living passenger and he expects the launching within six months to a year. He says the only thing standing in the way is completion of research on biological after-effects of exposure to outer space. Is there anything to this? Unofficial reports from the NASA say 18 months to two years.**

Rep. Anfuso may be somewhat optimistic, but I hope he is correct. **Has there been any loss of enthusiasm among the seven selected or are all of you still rarin' to go?**

If enthusiasm for the project has gone in any direction, it is up. Speaking for myself, I've never been more enthused about anything.

**Was there anything to this story last July about loss of morale?**

The use of the word "morale" in the July story was an unfortunate choice. I don't know where you would find a group of seven people with higher morale. In truth, we were all concerned about losing proficiency in high performance aircraft since we had been promised aircraft and none were forthcoming after four months. This concern for the maintenance of professional aptitude has no correlation with poor morale.

**In July the Army brought the Redstone missile back to Cape Canaveral after an eight-month absence. It was reportedly brought back for testing certain refinements, probably in preparation for the man-space program. Would you care to comment on that or is that information classified?**

I have insufficient knowledge of Army Redstone developments to comment. The Redstone, of course, will be used in ballistic flights and this is not classified.

**When you first got out of the service, how did you pick the University of Minnesota? At least two Wisconsin schools — the university and Marquette — have excellent engineering courses.**

The University of Wisconsin and Marquette did not carry aeronautical engineering in their curriculum and this was the field of my major interest. Also, Minnesota did (and I assume still does) have a reputation as one of the best aeronautical engineering schools in the country.

**Do you feel that your aero engineering training has helped prepare you for this assignment or do you feel you could have done just as well without it considering your extensive background in flying?**

The importance of my aeronautical engineering training to this assignment is difficult to overemphasize. Without it I would have had a difficult time being admitted to the U.S.A.F. test pilot school and a more difficult time getting through the school if I were admitted. In any case, I could not have done well enough in the school to be selected for fighter testing at Edwards Air Force Base, nor well enough in my contacts with industry to be given a supervisory position in fighter testing. And finally, without a degree, no matter what my reputation in flight testing, I would never have been considered for this job. I wouldn't be an astronaut, nor should I be.

**If you are selected for the first trip into space, what will your reaction be?**

One of extreme good fortune and thankfulness at being selected.

**Why is this flight so important and why must we be the first to reach the moon?**

This flight is important because it must be completed successfully before further space flight can take place. Essentially, the same as the Wright Brothers' first flight. "You cannot fly until you've flown" sort of thing. There is no reason we *must* be the first to reach the moon although it is highly desirable from a political and scientific point of view, and we will be bending every possible effort to be first.

**What is the most satisfaction you are deriving from this assignment?**

It's a fine education, to put it mildly. Watching and working

with the best engineers and medics in the country on the nation's first manned space effort results in about all the satisfaction a country boy can absorb at one time.

**What are your plans for the future?**

This program is only the bare beginning of space flight. I hope to continue in an active pilot status in later programs including lunar and interplanetary flights as long as my physical condition permits. At such time as I am no longer able to take an active part, I would choose a support and planning role.



*Here's a Deal!*

### Gopher Playing Cards

You're the winner in this shuffle! You get two decks of Maroon and Gold University of Minnesota playing cards at a jackpot price. The twin-deck carton in which they come displays the big "M". When dirty, the cards can be wiped clean with a damp cloth.

Only \$2.50 postpaid for Association members.

\$3.50 postpaid to non-members.

Minnesota Alumni Ass'n  
205 Coffman  
University of Minnesota  
Minneapolis 14, Minn.

Please send me.....packets  
(number)  
of twin-deck U of M playing cards.  
Here is my check or money order for  
\$.....to cover my order.

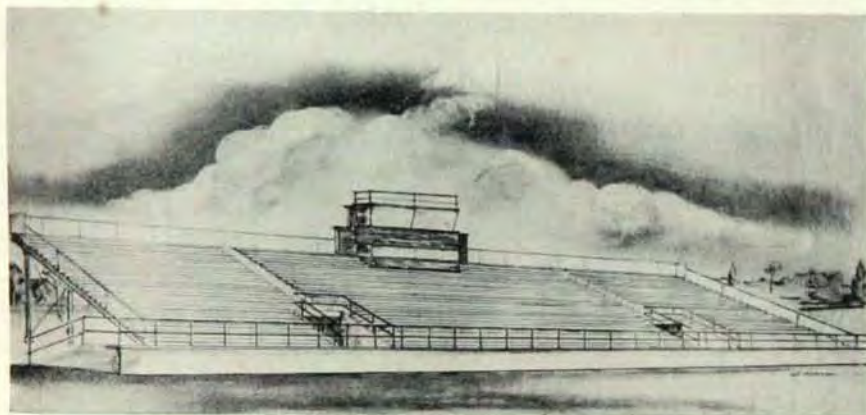
Name (in full).....

Street Address.....

City..... Zone..... State.....

I am a member.

# Proposed New Duluth Stadium



**THIS IS THE ARCHITECT'S** conception of the proposed new football stadium which is planned for the new Duluth campus. A drive to raise \$100,000 to build the 4,000-seat stadium was launched during Homecoming activities at the annual meeting of the UMD Alumni Association. It is hoped that the \$100,000 will provide not only the 4,000 seats but also such facilities as locker rooms, concession stands, lavatories, a press box and field lighting. The stadium also will be designed in such a manner that additional seating can be added as part of the overall plan. Already more than \$12,000 of the goal has been raised or pledged.

Roy Teppen '33DSTC was re-elected president and Dr. Dale Amundson '52BS '53DDS re-named vice president of the UMD Alumni Association by its board of directors recently.

Julian B. Hoshal '46BA '50MA, new informational representative at the University of Minnesota, Duluth, was elected secretary-treasurer.

Beginning new three-year terms on the board were J. Howard Alaspa '40DSTC; Dr. Amundson; and Mrs. Sally Loucks Heule '51BA. All officers and new board members are Duluth residents.

Other board members are Walter Wiski '33DSTC, Robert Murray '52UMD, Mrs. Anne Utick '33DSTC, Wayne C. Olsen '51UMD, Frederick C. Ojala '46UMD, and Teppen.

The board also empowered Murray and Dr. Amundson to consult with University officials in drawing up a Stadium Advisory Committee to oversee and coordinate the Association's campaign to raise \$100,000 to build a football stadium on the new campus.

## The Real Mac Guf

by Robert Provost

Director, Greater University Fund

The decentralization of Alumni activity at the University of Minnesota appears to have opened the door to increased Alumni interest and support of special projects. An example would be the recent approval by the UMD Alumni Association to sponsor a campaign to raise funds to build seating for the football field on the new campus.

This is a tremendous undertaking with a lofty \$100,000-plus, objective.

In accepting the project, UMD Alumni are fully aware of the fact that providing seating at the new campus and enabling the playing of home games thereon, would enable more Alumni to become physically acquainted with the exciting new developments on their campus. Although attendance at football games may be considered a far cry from participation and interest in academic areas of the institution, it represents a positive step in this direction.

UMD Alumni are to be complimented for taking the ball and moving this project forward. Roy Teppen, President of the UMD Alumni Association, and the other officers have a challenging and provocative cause with which to rally Alumni interest. Of key importance will be the successful accomplishment of the objective.

Successful mobilization of UMD Alumni in behalf of this project could very well serve as a nucleus for continued support to the many educational needs that will arise on the UMD Campus in the years ahead. In this need category might well be other physical facilities, but more important are student aids, research assistance, and special equipment requirements, which enhance educational growth opportunities for countless students.

### Veterinary Medics Set Jan. 26 Meeting

The annual meeting of the Veterinary Medical Alumni Association will be held Thursday, Jan. 26, at a St. Paul hotel.

Tentative program plans call for a report from Dean W. T. S. Thorp and one from MAA ExSecy Ed Haislet. In addition, it is also hoped that a member of the athletic department can be obtained for a dinner speaker.

Additional details will be announced in next month's Alumni News and in the Veterinary Grad which is scheduled for publication Jan. 15.

### Pharmacy Board Meeting Set Dec. 2

Members of the board of directors of the College of Pharmacy Alumni Association will meet Wednesday, Dec. 2, Seymour Grossman '51BSPhm, president, has announced.

On Nov. 7 the Association co-sponsored a Student-Alumni Mixer in Coffman Union. Dr. Ralph Piper furnished the music and was caller for the square dance and refreshments were served.

# BELL SYSTEM TEAMWORK IS A VITAL FACTOR IN EFFICIENT, ECONOMICAL TELEPHONE SERVICE

Direct Distance Dialing is an example of the value of unified research, manufacture and operations

There are great advantages to the public and the nation in the way the Bell System is set up to provide telephone service. It is a very simple form of organization, with four essential parts.

Bell Telephone Laboratories does the research.

The Western Electric Company is the Bell System unit which does manufacturing, handles supply, and installs central office equipment.

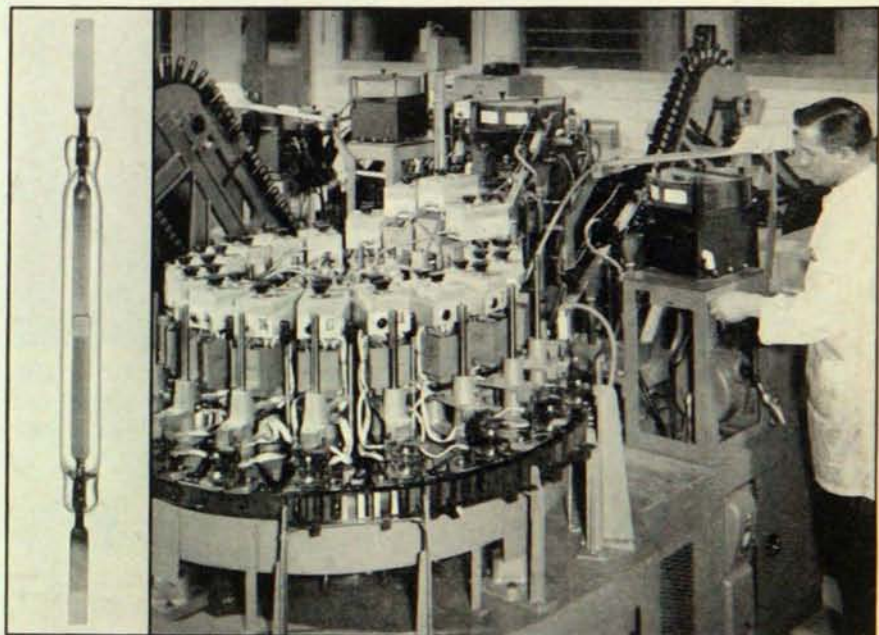
Twenty-one Bell Telephone operating companies provide service within their respective territories.

The American Telephone and Telegraph Company co-ordinates the whole enterprise and furnishes nationwide service over Long Distance lines.

Each is experienced and efficient in its own field. But the particular value of each is greatly extended because all four parts are in one organization and work together as a team.

Direct Distance Dialing—one of the greatest advances in the speed and convenience of telephone service—is an example of the value of this unified setup.

Already more than 8,000,000 telephone customers in more than 700 localities can dial direct to as many as 46,000,000 telephones throughout the country. Each month there are



**EXAMPLE OF TEAMWORK.** At left is new fast-moving switch (actual size) used in Direct Distance Dialing. Many of them go into action automatically every time you dial. Enclosed in gas-filled glass tubes to assure perfect contacts. Made to last 40 years. The result of Bell Telephone Laboratories and Western Electric working together to get the best and most economical design. At right is remarkable new machine, designed by Western Electric, which automatically assembles 360 switches an hour at a very small cost.

more. Millions of others can dial direct over shorter out-of-town distances. Calls as far as 3000 miles away go through in seconds.

All of this didn't just happen. It called for years of intensive planning, the invention of wholly new machines and equipment, and the development of new operating and accounting techniques.

Research alone couldn't have done it. Neither manufacturing nor operations separately could have

done it. And just money couldn't have done it, although it takes money and a lot of it for telephone improvement.

The simple truth is that it could never have been done so quickly and so economically without the unified setup of the Bell System.

For many a year it has given dynamic drive and direction to the business and provided the most and the best telephone service in the world.

## BELL TELEPHONE SYSTEM





(Continued from page 9)

Hospitals have been built in the past decade.

In March, 1951, the Variety Club Heart Hospital was dedicated. The Variety Club of the Northwest, a group of showpeople, raised \$460,000 or approximately one-third of the cost for constructing the only hospital in the country devoted exclusively to heart study and treatment. Of the balance of the money, \$600,000 came from the federal government while the remaining \$100,000 was a bank loan to be repaid out of hospital income. The Variety Club also promised to give \$25,000 each year to the 78-bed hospital for operating expenses.

The Doctors Mayo died a few months apart in 1939. Gov. Harold E. Stassen appointed a Mayo Memorial Commission to determine the most appropriate way to honor the famed brothers. The Commission's decision was to build a medical center for teaching and research on the University campus. The Legislature unanimously agreed to participate in this memorial and appropriated money for the project. The remainder of the necessary funds was raised by public subscription and by private and public grants. Excavation was begun in 1950; on Oct. 22, 1954, the fourteen-story Mayo Memorial Hospital was dedicated.

Mayo Memorial contains the offices and laboratories of the departments of medicine, surgery, pediatrics, psychiatry, physical medicine and rehabilitation, bacteriology and immunology, radiology, continuation medical education and the School of Public Health. There are also operating and conference rooms in the University's first skyscraper.

"A memorial to these great sons of Minnesota will be more than stone or steel or bronze. It will be a vital, living force for human welfare," said former Gov. Edward J. Thye.

Last year an 80-bed hospital for "patient care, teaching and research in advanced diseases, primarily cancer" was finished. Known as the Ma-



**DEAN OF THE UNIVERSITY OF** Minnesota Medical School Dr. Robert B. Howard '42BA '44MB '45MD '52PhDMed (left) accepted a 60-pound plaque last month from Dr. Choo Wan Myung (center), dean of the Seoul, Korea, National University College of Medicine. The presentation was made in appreciation of work done by the staff of the University Medical School in rehabilitating the Seoul University College of Medicine. Dr. Dong Ik Kim (right) is superintendent of the Seoul University hospital. (Photo by Paul Wychor)

sonic Memorial Hospital, the funds were raised by Masons in the area.

Latest addition to the hospitals or departments listed under the encompassing University Hospitals is the Veteran's of Foreign Wars Cancer Research Hospital. This division, which is devoted to cancer research, was financed by the VFW and its Auxiliary and the federal government — \$300,000 and \$172,000 respectively.

While in theory there are now 13 University hospitals, it would be difficult to clearly differentiate their various physical plants and functions. Some of the hospitals are housed in separate buildings, but many are wings and additions to existing buildings. And the tunnels and ramps which connect the buildings have their counterpart in the inter-relation of their functions.

They all have been created toward a single goal — to provide the University with facilities for training, research and service, both for the students of the University and the people of the state.

A secondary goal is to provide the state with a means to care for its indigent sick. The admissions policy of the University Hospitals is compatible with this aim as well as operating outside the area of private practitioners. Each patient must be referred to the Hospitals by his family doctor or by a doctor in his community. Once a patient has been admitted, he is classified according to his ability to pay under one of several funds which defray all or part of his medical and hospital expenses. A limited number of private patients are admitted as they are needed for teaching or research purposes.

Although University students are cared for in a ward of the Hospitals, they are considered separate from the Hospital patients. Likewise the University Health Service, which provides only out-patient care, is a separate service institution with its own director, staff and budget.

For the twelve-month period ending June 30, 1959, the University Hospitals cared for 16,322 hos-

pitalized patients. (This includes University students.) This number is 433 more than in the previous year. Totals for the out-patient department for the year ending last June is 131,293 or 6,119 more than the previous year.

Not only do the University Hospitals and Medical School care for Minnesotans, but their influence extends around the globe. In November the National University School of Medicine, Seoul, Korea, awarded a plaque to the University in recognition of the University's help.

It is impossible to know what role the Medical School and Hospitals would play if they did not have an integral association with the University itself. Dr. Harold S. Diehl, dean emeritus of the school, thinks the "atmosphere" is an important factor in the development of the school.

Dr. Cecil J. Watson, head of the department of medicine, said, "I can walk over to the Campus Club any noon and have lunch with a historian, philosopher, chemist, physicist or mathematician. Right here on campus we have all the faculties of the other intellectual disciplines."

While history and philosophy and math aren't directly related to medicine, they do contribute to a more rounded doctor, and in the long run, a better doctor.

All these hospitals and medical accomplishments are very fine. But as Dr. C. Walton Lillehei said recently, "In medicine, there is no final solution for any problem."

### Remember those 1960 Camelback Dates

The dates for next year's Camelback Reunion have been set for Jan. 7-8-9-10-11. The biggest single event will be the festivities on Friday evening Jan. 8. Make your plans now to attend this gala reunion of the year. Cost will be \$14 per day, American plan. Reservations should be made through Jack Stewart, Camelback Inn, Phoenix, Arizona.

## Morticians Elect Three to Board

Robert Bonnerup '42AMS, Albert Lea, Minn.; Richard Cashman '48AMS, River Falls, Wisc.; and Harry Munson '30AMS, St. Paul, were elected to four year terms on the board of directors of the University Mortuary Science Alumni Association.

The election was held at the annual meeting of the Association Saturday, Nov. 21, at the Leamington Hotel, Minneapolis.

Torfen F. Saholt, instructor in the School of Mortuary Science, received the Mortician of the Year Award from the group.

## Dr. William Yock Heads Dentistry Group

Dr. William Yock '30DDS, St. James, Minn., was elected president and Dr. Chester Sitz '36DDS, Austin, Minn., vice president of the School of Dentistry Alumni Association annual meeting last month.

Dr. Marshall W. Mueller '41DDS, St. Paul, was renamed secretary-treasurer of the group.

New board members elected for four-year terms were Dr. Lyla A.

## O. H. Hoversten Heads Pittsburgh MAA Chapter

O. H. Hoversten '47BA was elected president of the Pittsburgh Chapter of the Minnesota Alumni Association at the last meeting of the group.

Other officers for the coming year are Robert Felt, first vice president; Mrs. Maxine Lundin '49BS, second vice president and social chairwoman; Dale Monk '49BA, secretary; and Rev. Phillip Ramstead '50BA treasurer.



Hoversten

In other business, the chapter voted to institute a new campaign to solicit funds from the membership which would allow the organization to completely support a student at the University.

The campaign was conducted last month.

Brecht '39DDS, Minneapolis, and Dr. C. D. Mitchell '20DDS, Crookston. Yock was re-elected to the board.



**40 YEARS OF BUSINESS ADMINISTRATION ADMINISTRATION** — that's the story here as Dean Richard L. Kozelka (left), Russell Stevenson (center) and George Dowrie got together for an informal visit at the SBA Alumni Association meeting last month. Dowrie was first dean of the School of Business Administration at its outset 40 years ago and he was succeeded by Stevenson. Kozelka, the present dean, recently tendered his resignation to devote more time to teaching. (Photo by Paul Wychor)



**NEXT JANUARY 7 TO 11** when the snow is flying in the Midwest, Minnesota alumni will gather at this picturesque spot at Camelback Inn in Phoenix, Ariz. Swimming is always a popular pastime and the pool is the gathering place for groups of alumni discussing the good old days.



**THE PICTURESQUE PANORAMA** of Camelback Inn spreads out in all its sunny glory, awaiting the arrival of Minnesota alumni early next January. The Inn boasts beautifully appointed rooms, extraordinary service and complete recreational facilities. (Bowerman-Camelback Inn photos)

A local "host" committee, headed by chairman H. Y. (Bert) Sprague, treasurer of the State of Arizona, and including the board of directors of the Valley of the Sun (Phoenix) Alumni Club which sponsors the annual Southwest Regional Alumni Reunion at Camelback Inn, is hard at work com-

Special rates for the reunion are \$14 per day per person, including meals, and the rates apply from Jan. 7 until the morning of Jan. 16. Reservations are being accepted on a first-come, first-serve basis with those reserving first receiving the choicest space.

Send in your reservations, using

the blank at the bottom of this page, directly to Jack Stewart, Camelback Inn, Phoenix, Arizona.

Join in the fun, if only for a day or two. Bring your family and friends, call your classmates and get a group together—it's an opportunity you won't want to pass up.

#### Camelback Calendar

*Thursday, Jan. 7*—a get-acquainted reception in the Cholla at 6 p.m. Dinner together at 7:30 p.m. in the Main Dining Room.

*Friday, Jan. 8*—a complimentary cocktail party at the home of host Jack Stewart, followed by the alumni banquet at 7:30 in the Cholla. MAA ExSecy Ed Haislet '31BSED and MAA President Wendell T. Burns '16BA will speak.

*Saturday, Jan. 9*—a Dutch treat cocktail party and dinner dance.

*Sunday, Jan. 10*—free day.

*Monday, Jan. 11*—free day and departure.

Alumni in the area are especially invited to attend the Thursday, Friday and Saturday evening events. Reservations for these events should be made at once.

pleting arrangements for the spectacular event which will be held Jan. 7 to Jan. 11 next year.

## Minnesota Southwest Alumni Meeting Camelback Inn January 7 through January 11, 1960

Attention: Mr. Jack Stewart

Please reserve accommodations for \_\_\_\_\_ person(s) at \$14 per day per person American plan (room and meals) (10% gratuity will be added)

Arriving \_\_\_\_\_ Departing \_\_\_\_\_

Check enclosed in the amount of \_\_\_\_\_

Name \_\_\_\_\_

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Send to: Mr. Jack Stewart, Camelback Inn, Phoenix, Ariz.

# Regents Approve Morris Plan



**THIS IS THE CAMPUS** of the West Central School of Agriculture at Morris. It covers 824 acres adjoining the city. The school occupies 17 major buildings and 19 minor structures, including dormitories and dairy and hog barns in addition to classroom buildings. The building in center foreground has been replaced by a new combination auditorium, library and administration building, recently completed.

Beginning in the fall of next year, the University of Minnesota will offer first-year college level instruction on the campus of its West Central School of Agriculture and Experiment Station at Morris, President J. L. Morrill announced last month.

Phasing out of high school level instruction at the school will start at the same time, but experiment station activities will continue, he said.

Authorized by the Board of Regents, the action inaugurating college training at Morris is based on more than two years of study which also indicated, according to the president, that it may be "both desirable and feasible" to offer a similar program at the Northwest School of Agriculture and Experiment Station at Crookston at some later date.

"Clearly, the experience at Morris will be of crucial importance in the final determination of the course of action to be pursued with respect to the Crookston school,"

President Morrill stated, adding, "and the Regents have pledged their intention to continue their serious consideration of the collegiate instructional needs of the Crookston-Northwestern Minnesota region."

Also contemplated by the Regents, the president reported, are changes in the curriculum of the North Central School of Agriculture and Experiment Station at Grand Rapids including the possible phasing out of high school level agricultural work and the development of post high school technical offerings. The Regents have authorized the University administration to make immediate studies with respect to the future of the Grand Rapids school, he added.

President Morrill emphasized that the Regents have authorized only the experimental "beginning" of first-year college instruction at Morris for the school year 1960-61, and further study of the future programs of the Crookston and Grand Rapids schools.

## Campus Memories for Minnesota Alumni



- Chippendale hanging tray
- Modern book rack

A colorful Chippendale hanging tray of heavy gauge metal with two-tone baroque border and a modern book rack will decorate your home or office with dignity.

Both picture Northrop Memorial Auditorium in natural color.

### FOR ASSOCIATION MEMBERS

Tray ..... only \$4.95

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Non-members ..... \$5.95

Book Rack for members \$2.65

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205 Coffman  
University of Minnesota

Enclosed please find my check for \$.....  
to cover my order plus postage.

Tray ..... Book Rack .....

Kindly ship to:

Name .....

Address .....

City ..... Zone ..... State .....

I am a member

# Around and About With the Alumni

'08

*John H. Ray '08BA*, Republican Congressman from Staten Island, recently was written up in *Marine News*. He is a member of the House Merchant Marine and Fisheries Committee. Elected to Congress in 1952, he had been with American Telephone and Telegraph for 28 years. In 1919 he was appointed assistant special representative of the Secretary of War and in 1920 was decorated with the Order of the Crown of Italy.

'16

*Mrs. Harry W. Davis '16BA* attended the International Federation of University Women Conference recently in Helsinki, Finland. Following the conference she toured Russia for more than three weeks.

*Dick Cullum '14-16*, Minneapolis Tribune sports columnist and founder of the Minneapolis Morning Tribune's Downtown Quarterbacks Club, was honored recently on the club's 25th anniversary. He was presented with several gifts by the 67 charter members of the club.

'19

*Dr. Wyman C. Cole '16BS '18MB '19MD* received the Grules award for his guidance in preparing *Standards and Recommendations for the Hospital Care of Newborn Infants and Resuscitation of the Newborn Infant* for the American Academy of Pediatrics. Dr. Cole is chief of the pediatric department at Woman's Hospital in Detroit, a senior physician at Harper Hospital and a faculty member at Wayne University School of Medicine.

'21

*John G. Frayne '21PhD*, former engineering manager of Westrex Corp., was appointed manager of development engineering at Datalab, a division of Electrodynamics Corp. Frayne was president of the Society of Motion Picture and Television Engineers in 1955-56 and in 1953 won an Academy Award for his development of intermodulation distortion measuring techniques.

'24

*Pearl Swanson '24MS*, assistant director of the Iowa Agricultural and Home Economics Experiment Station, was one of 72 outstanding authorities on nutrition who contributed chapters to *Food, the 1959 Yearbook of Agriculture*. She became professor of nutrition in 1936 and was appointed to her present position in 1944.

32

'25

*Cyril P. Pesek '25BS*, Minnesota Mining and Manufacturing Co. vice president for engineering and staff manufacturing, has been elected to the 3M board of directors. Pesek, a member of the MAA board of directors, also is president of the Eastern Heights State Bank and Sun Ray Shopping Center, St. Paul.

'28



*Robert O. Paulson '28BS* who joined Remington Rand in 1934 as a tabulating machines sales representative, became assistant branch manager of the Univac Division recently.

'31

*Walter A. Anderson '29BS '31MA*, associate dean of New York University's School of Education, has been named acting dean of the school. Associate dean since 1956, he joined the faculty in 1947 after teaching at the University of Minnesota, Northwestern and Montana State University.

*Dr. Edgar V. Allen '31MS*, professor of medicine at the University's graduate school, Rochester, has received the American Heart Association's highest honor. He was given the Gold Heart Award for his "outstanding contribution in advancing the objectives and program of the American Heart Association."

'33

*William N. Matheson '33BME* has been appointed executive vice president of Oliver Mining Division of United States Steel. He previously was vice president in charge of operations and since 1956 has been responsible for the production of iron ore and concentrates from the mines and ore processing plants. The Duluth resident joined the company in 1933 as an electrician's helper.



'35

*Francis A. (Pug) Lund '31-35*, former MAA president, is one of 71 candidates nominated for the All-America roster of *Sports Illustrated's* silver anniversary. Lund was captain of the 1934 Gopher football team and made All-American that year. The awards are based on distinguished living during the years intervening since their college football days. Twenty-five of the 71 will be picked by the judges for the award this month.

'36

*Capt. John J. Berman '36BA* has been assigned to the Air Force Ballistic Missile Division, Los Angeles. His division directs the research and development of the Thor, Atlas, Titan and Minuteman weapon systems.

*Dr. Roger Nolop '36DDS* who, for the past 13 years has been in general practice in Ortonville, Minn., is opening a dental office in Rochester, Minn., where he will specialize in periodontia. Dr. Nolop is president of the School of Dentistry Alumni Association and is serving on the MAA board of directors.

'40

*Lt. Col. Ivan C. Dimmick '34BA '39MB '40MD* was appointed post surgeon at Ft. Sam Houston, Tex. Dimmick, who entered the Army in 1940, served as medical adviser to the Imperial Iranian Army at Teheran before assuming his present post.



*Sig Mickelson '40BA* was appointed president of the Columbia Broadcasting System's news division. He joined CBS in 1943 and has been vice president and general manager of the news division since 1954.

'44

*Dr. Ellery M. James '44MS*, pathologist for St. Joseph's Hospital in St. Paul, was appointed medical director of the St. Paul Red Cross regional blood program. *Neal R. Amundson '37BCE '41MCE '44PhD*, head of the University's chemical engineering department and director of Midwest Technical Development Corp., will receive the 1960 American Chemical Society's award in industrial and engineering chemistry. He will receive a medal, citation and \$1,000 in April during the society's meeting in Cleveland.

'50

*Darrell Coover '50BA*, coordinator and secretary for Montana Gov. Aronson, will be on the host state committee for the 1960 National Governors' Conference.

'51



*Nathan M. Shapiro '51BA* has joined the public relations staff of Illinois Bell Telephone, Chicago. He was director of education and information for the Minnesota Easter Seal Society.

ALUMNI NEWS

'53

*Dr. Ralph A. Nelson '53MD*, a Mayo Fellow in physiology, was one of three recipients of the annual award of the Alumni Association of the Mayo Foundation.

*Herbert C. Nelson '48BCE '53MSCivE* presented a paper at the engineering conference of the Technical Association of the Pulp and Paper Industry in Pittsburgh recently. He is a hydraulic engineer for Kimberly-Clark Corp.

*Lt. Col. Mildred I. Clark '53BA* was commended for "meritorious service" as director of personnel recruiting programs for the Army Nurse Corps and the Army Medical Specialist Corps. She is chief of nursing service, 98th General Hospital, New York City.

*Al D. Pontrelli '53MA* has been promoted by Mutual of New York to the home office sales staff for managerial training. He was assistant manager of the Billings agency for two years.



*Richard R. Wayrick '53BSFor* received a renewal of his graduate research fellowship awarded by the Minnesota and Ontario Paper Co. He will conduct research on a continuous forestry inventory system.

'54

*Donald H. Olson '52BSCivE '54MSCivE* won half of a \$10,000 award for an entry in the Steel Highway Bridge Design competition sponsored by U.S. Steel's bridge division. Olson and a co-worker in a Minneapolis firm won first place in a field of more than 300 entries.



'55

*Ruth M. Momsen '48BA '55MS* has joined the special services staff of the Army as a service club recreation director. She is stationed in Nurnberg, Germany.



*Herman J. Vossen '41BSAg '55MS*, Minnesota county agricultural agent, received the Distinguished Service Award from the National Association of County Agricultural Agents.



**DR. JEE LUM WONG '22DDS** (right) looks on as Dean William H. Crawford of the University School of Dentistry reads the citation on Dr. Wong's Outstanding Achievement Award. Dean Crawford presented him the award at a luncheon Oct. 23 at the Campus Club in Coffman Union. Dr. Wong is dean of the department of dentistry, National Defense Medical Center, Taipei, Taiwan, China. A major general in the Chinese Nationalist Army on the staff of the surgeon general, he was in this country on a Chinese Medical Board of Fellowship to attend conferences held by our state department and the American Bureau for Medical Aid to China. Long active in MAA affairs, Dr. Wong is former president of the Alumni Club of Taipei.

'56

*Marian E. Brown '56BSHE* began two years of home mission service for the Methodist church this fall. Previously she had taught in Minnesota schools.

*Wallace W. Nelson '50BS '56PhD* has been named superintendent of the University's newly-established Southwest Experiment Station near Lamberton.

*Maj. Marcia M. Lessard '56BS* received a certificate of achievement for outstanding contributions while on duty at Brooke Army Medical Center, Ft. Sam Houston, Tex.

*Stanley Baldinger '56MA* has been appointed third secretary of the U.S. embassy in Rome. He recently completed two years' duty with the state department's international educational exchange service in Washington.

*Melvin Seiden '56PhD*, a specialist in Elizabethan drama, is teaching at Kansas State College.

*Richard P. Gosen '56BSAg*, former instructor in animal husbandry at Rutgers, joined the staff of the Cargill-Nutrena research farm at Elk River, Minn.

*Carl Serres Jr. '56PhD*, research chemist with Standard Oil, spoke before the American Chemical Society recently.

'57

*James A. Abbott '54BA '57LLB* joined Northwest Airlines as a labor relations counsel. He is former assistant director of employee relations for Gould-National Battery Co.

'58

*Eugene Menzel '58BBA* has been elected to the National Association of Accountants.

*Capt. Howard L. Schochet '58MD* recently completed the military orientation course at Brooke Army Medical Center, Ft. Sam Houston, Tex.

'59

*Margaret Meyer '59BA* was named assistant news director at Hamline University, St. Paul. She also will write and edit the Hamline alumni publications.

*James Banovetz '59BAUMD* received honorable mention for an editorial in the Pi Delta Epsilon journalism contest. He has a Woodrow Wilson fellowship for the 1959-60 academic year.

*Richard J. Fitzgerald '59LLB* became assistant professor of law and assistant dean of the University's law school this fall.

(Continued from page 17)

program aimed at putting a man into orbit around the earth are men like William R. Sears '34BAeroE, head of the aeronautical engineering department at Cornell University; Howard W. Wilcox, deputy director of the Advanced Research Projects Agency, Department of Defense; Charles W. Cole '40BAeroE, chief of the Design Division at the JPL.

Work done by Clarence A. Syvertson '46BAeroE '48MSAeroE in the solution of problems of flight at hypersonic speeds has been immensely valuable. Hypersonic speeds are those over five times the speed of sound — more than 3,000 miles per hour. His work was a major contribution in the development of new theories for understanding and calculating air flow around aerodynamic bodies at hypersonic Mach numbers up to satellite speed and higher.

Norvin E. Erickson, who gradu-

ated from aeronautical engineering with honors in 1940, is another who is vitally interested and concerned with this country's space program.



Erickson

Erickson has been instrumental in test activities at Cape Canaveral on the Titan ICBM, the Polaris, Able Project and many others.

Long active in test engineering and experimental flight testing, Erickson directed flight testing on the P-39, P-63 and P-59, America's initial jet fighter. He was one of the pioneer workers in early experi-

mental rocket models and assisted on launching activities for the Air Force Titan ICBM.

No list could contain the names



Syvertson

of all Minnesota alumni who are working toward the one common goal — that of beating the Russians to the draw in manned space travel.

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Underwriters, '39.

**Military:** U.S. Army Air Force,  
Captain, '42-'45.

**Employment Record:** Joined New  
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# Deaths

## Grads Before 1900

*Nels Quevli* '96LLB two years ago in Arthur, Ia.

*Daniel DeLury* '96LLB two years ago in Canada.

### Frederick M. Mann

Frederick M. Mann '92BCivE, founder of the University School of Architecture, passed away Oct. 28 in Healdsburg, Calif. He was tackle on the first University football team in 1888 and taught at the University from 1913 when he founded the School of Architecture until 1936 when he retired to California.

Mr. Mann also founded the School of Architecture at Washington University, St. Louis, and reorganized the school at the University of Illinois.

In 1925 he was appointed advisory architect for the University Board of Regents and in this post he designed Memorial Stadium as well as the University YMCA building, the Kappa Gamma sorority house and Delta Tau Delta fraternity house.

He was the first recipient of the award for achievement offered by the Minnesota Society of the American Institute of Architects, the first two medals offered by the Beaux Arts Architects and a gold medal in the 1920's by the American Institute of Architects.

*Mrs. Harry Harding* '97BS Nov. 3 in Hudson, Wisc., following a long illness.

*William E. Barlow* '97ME, retired teacher, in Anoka, Minn., recently.

*Alfred P. Hanson* '00LLB at Litchville, N.D., in June.

*Mrs. Ethel M. Stewart* '02BA Oct. 7 in St. Paul of a heart ailment. She was instrumental in establishing the St. Anthony Park Historical Society which grew into the Ramsey County Historical Society.

*John Steele Abbott* '05BA on Aug. 10 in St. Paul.

*George Cross Van Dusen* '06LLB in Palm Beach, Fla., on Oct. 30. From 1943 until his death he was chairman of the board of Van Dusen Aircraft Supplies of Minneapolis.

DECEMBER, 1959

### John W. Olsen

John W. Olsen, 95, Minnesota educator and former state legislator, passed away in Minneapolis recently. He was a former state superintendent of schools, University Regent and Carleton College trustee.

In 1909 Mr. Olsen was appointed dean of the College of Agriculture and he served in that post for two years. From 1901 to 1911 he was a University Regent and served in the house of representatives in 1921 and 1922.

*Ellen E. McPartlin* '07BA on Oct. 27 in St. Paul. Miss McPartlin taught in the St. Paul public schools for 26 years until her retirement in 1951.

*James Alexander Cullyford* '08ME in Lodi, Calif., recently.

*Mrs. Scott H. DeLong* '08BA on June 5 in Anoka, Minn.

*P. A. Sveegen* '09MA, former head of Augsburg College English department, Oct. 29 in Minneapolis. He had taught at the college for 37 years before his retirement in 1952 as professor emeritus. Mr. Sveegen was known as an authority on Shakespeare and also published several hymns.

*Malcolm E. Grant* '10LLB May 5 in Fallbrook, Calif.

*Dr. Kate Wyman Grant* '10MD of a heart ailment last May.

*Edwin Hendricks* '11LLB, former Minneapolis alderman and park board member, on Oct. 29 in Minneapolis. He had been in ill health for several years.

*Alfred Charles Bierman* '14ME last February in Tyler, Tex.

*Mrs. D. W. (Myrtle O'Connor) Webster* '14BA in October, 1955.

*Harold Joseph Dunn* '23BBA in Minneapolis recently.

*William Oswald French* '25BME on April 22 in Barberton, Ohio.

*Mrs. Walter Hauser Brattain* '32PhD several years ago in Chatham, N.J.

*Robert Waldemar Bruce* '31BBA '34LLB, recently.

*Harvey S. Sauby* '48BME on Oct. 28 in Cedar Rapids, Ia. He was a mechanical engineer for the Collins Radio Technical Corp.

*Warren Beson* '49BS '50MED, head football coach and athletic director at Carleton College, Northfield, Minn., of a heart ailment in November. Beson, captain of the 1948 University football team, coached a year at LaCrosse, Wisc., Central high school and at Edina-Morningside high school in suburban Minneapolis. He joined the Carleton staff in 1954.

*Sheldon K. Goldfus* '57BA, who was working on his doctorate at the University of California, last month in San Francisco.

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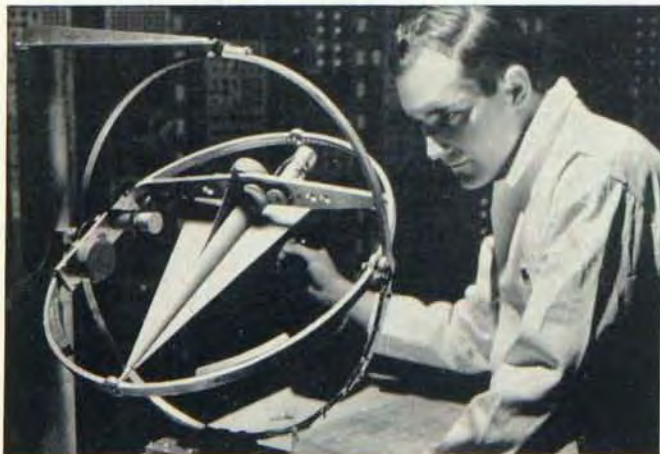
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