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1958
New Year, Old Look
Racoon Coats
Rumble Seats

GOPHER GRAD

GOPHER GRAD

(Our 57th Year)

Continuing the Minnesota Alumni Weekly which was established in 1901, and the Minnesota Alumni Voice. 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

From old closets, sparkling showrooms, sealed garages and junk heaps have come racoon coats and autos, some reminiscent of the '20's and others the original items which were part of college life more than 30 years ago. In the rumble seat of an old Cadillac is Sophomore Thomas J. Mikulecky, Centennial Hall, (Int'l Relations), and Freshman Barbara Kallos, St. Louis Park. To alumni, the new year undoubtedly has a mighty familiar look. (Photo by Media Newspictures—Perlmutter)



Views of authors appearing in Gopher Grad in no way reflect the opinions of the MAA or the Gopher Grad.

Goalposts, Postmortems

Editor:

The end of Bud Wilkinson's long winning streak of 47 wins at Oklahoma reminds me that all the longest winning streaks in many years were by teams coached by Minnesota football greats. The late Gilmore Dobie '04LLB had 10 years without a defeat at the University of Washington, Seattle, Bernie Bierman ('15) was undefeated at Minnesota during 1933-34-35 and again in 1940-41. Minnesota had some tie games in 1933 but no losses. In 1934-35 and 1940-41, Bierman's teams won all their games.

I think this is some record.

Charles McMahon '06MD
Superior, Nebraska

... I see by a Minneapolis paper that there is a series on Minnesota football called "Sixteen years without a title."

As one lone voice in the alumni wilderness, may I say that the "title" doesn't interest me nearly so much as self-respect. To live out here a stone's throw from the Rose Bowl is not a pleasant place for a Minnesota alumnus who went to school from 1932 to 1936.

Two of my good friends out here are from Purdue. Purdue has no title, no Rose Bowl dreams . . . but Purdue has self-respect. The issue is in doubt with anybody when Purdue plays them. They put up a fight. Halftime scores do not read "Somebody 40, Minnesota 6" and then Minnesota, thanks to some mercy on another coach's part, runs up 20 points against the 4th team of the opposition.

No title, necessarily . . . but make Minnesota an opponent again instead of a pushover or maybe to keep self-respect, we must go the way of the University of Chicago.

Bruce Lindeke '32-'36
Montrose, California

Opinion Please?

Editor:

In answer to your editorial of prefootball season this year in which you stated that "unless you have a ticket on the 50-yard line now, you will never have one":

I believe we have Minnesota graduates from the architectural and engineering departments who could construct one or two additional balconies on the 50-yard line to handle another 50,000-100,000 alumni spectators. An elevator could be placed by each door to handle the spectators and cars, and cars could be parked on intermediate floors.

It would not be necessary to request funds from the State. The students helped build the present stadium to which my wife and I were contributors. Keep the tickets at \$25.00 per. This would be an additional painless way to extract \$25-\$50 per year from alumni and others for the greater University Funds, after the addition to the stadium is paid for. Many of these alumni and others have never made a contribution to these funds nor ever will.

Other uses for the stadium could be for conventions—witness the Lutheran Convention this past summer. There was no place in the Cities to accommodate a crowd of more than 100,000 persons. Minneapolis and St. Paul are becoming the convention cities of the Midwest.

I have never seen this approach to the proposition. What are the opinions of others?

Hubert W. Lee '30MD
Brainerd, Minnesota

'Recruiting' Refuted

Editor:

It might be appropriate once to mention what alumni clubs *are not*—they are not "recruiting organizations" to influence athletes toward Minnesota and, furthermore, they

are not "dunning organizations" trying to solicit donations!

May I add my congratulations for the fine editorials you prepare for the issues each month and particularly for "Higher Education Is Everybody's Concern" which appeared in November; also, for the splendid article on Dr. Harold S. Diehl.

Manley B. Monsen '24E
Eau Claire, Wisconsin



Where do great ideas come from?

Every major advance in our nation's civilization, from the days of the Constitution and the Bill of Rights, has been guided by men of vision—minds equipped by education to create great ideas.

So, at the very core of our progress is the college classroom. It is there that the great ideas of the future will be born. That is why our colleges and universities are of vital concern to every American. Hampered by lack of funds they are doing their utmost to raise their teaching standards, and to meet the steadily rising pressure of enrollment.

They need the help of all who love freedom, all who hope for continued progress in science, in statesmanship, in the better things of life. And they need it now!

If you want to know what the college crisis means to you, write for a free booklet to: HIGHER EDUCATION, Box 36, Times Square Station, New York 36, New York.

MINNESOTA
ALUMNI ASSOCIATION



What's Wrong with Minnesota Football?

Dear Gopher Grad:

The day of the Illinois game, my phone started ringing. It has been ringing ever since. The letters have been coming too. People who call are more reasonable than those who write; and those who don't sign their names are the ones who are most unreasonable.

All of them wanted to know what was wrong with Minnesota football. A lot of them seemed to think they knew the answers.

A summary of their questions would be as follows:

Is there something the matter with the team? Are they sick? Injured? Is there dissension on the team? Is Warmath a good coach? What about his staff? Is the administration for football? Does Pres. J. L. Morrill place restrictions on the football staff as regards recruiting? Do the University officials want a winning team?

A conclusion of their opinion as to what is wrong would be:

Ike Armstrong is a poor athletic director. It's his fault because he picked a poor coach. Warmath is not a good coach. We lost due to his poor coaching. Warmath can't handle a team from the bench. He doesn't use his material right. He has only a few plays; he lacks imagination in his offense. He doesn't know how to teach defensive play. The line isn't coached to charge. Pres. J. L. Morrill and the administration is against football and restricts the coaching staff; the only answer is a whole new setup, a new athletic director, head coach, and football staff — and they must be Minnesota graduates and former players.

These are the questions and the opinions. Let's look at the facts and the answers.

Was there something the matter with the team? No, there was nothing the matter with

the team as such. There was no dissension among the players, players and coach or coaches.

Mainly, Minnesota was grossly overrated as early as last summer. It is true that the material was good for Minnesota, probably the best for a number of years, but we forgot to judge our material in relation with the standards of teams like Michigan State, Ohio State, Michigan, and Iowa. Our team just wasn't good enough to win consistently in a tough eight-game conference schedule with four games played away from home.

Secondly, the team was riddled with injuries. The key spot in the split "T" system is the quarterback. Minnesota started the season with three fine quarterbacks — and just as the season got underway found themselves without one healthy quarterback. That alone was enough to take away any chance Minnesota had to go through. On top of that, the whole team was plagued by injury. As many as nine men of the first twenty-two were on the injured list at the same time. When one realizes that the injury to one keyman can be the difference between winning or losing, it can readily be seen why Minnesota did not play up to expectations. The Minnesota team also had some flu cases, but it was not a major reason for Minnesota's downfall.

At full strength, Minnesota would have been tough, but still not good enough to win eight conference games in order to go to the Rose Bowl and win the conference championship. It is doubtful, too, that Ohio State, Michigan State, or Iowa would have been champions if they had played the same schedule that Minnesota did.

Is Warmath a good coach? Warmath is a good coach. He knows football, knows how to teach and stresses fundamentals. There is no harder-

working coach anywhere. He likes the boys and the boys like and respect him. The fault is not with Murray's coaching.

What about Murray's staff? His staff members are all qualified and experienced coaches. Two of them, Butch Nash and Dave Skrien, are Minnesota men. All his staff members are Warmath's own choice. They work well together as a unit. A new staff is not the answer.

*Is a new athletic director and coaching staff the answer, especially if they all were Minnesota men? Ike Armstrong is doing a fine job as director of intercollegiate athletics at Minnesota. With 25 years as a successful coach and athletic director, he brought a wealth of background in athletics to Minnesota. His college football coaching record includes 12 championships in 24 years, eight in consecutive years. Bringing in a Minnesota coaching staff does not automatically mean better material, better coaching and more wins. A change *per se* is not the answer.*

Is the reason we don't win in football because Pres. J. L. Morrill and the administration place restrictions on recruitment? Nothing is further from the truth. The President has never wavered in his belief in the values of intercollegiate athletics as a part of higher education. He takes a personal interest in all intercollegiate sports. He feels, and rightly so, that the over-emphasis on winning football has brought about abuses which detract from the educational values inherent in sport itself and as accrues to the boys who participate. He deplors the present practices and is devoted to bringing about changes that will give the game back to the boys and to the students. However, he has said repeatedly and publicly that while he is against the Western Conference rules and practices as they now are, Minnesota has no alternative but to go along. At the same time, however, he is doing everything in his

power to correct the evils and abuses that now exist.

The President, the administration, or the faculty has never acted in any way to limit athletics at Minnesota.

The only limitations placed on athletics at the University are those imposed by the Western Conference and the N.C.A.A.

What, then, is the trouble? In the opinion of the writer, the only trouble at Minnesota is the lack of an organized recruitment plan. One does not exist now. Nor has one ever existed. Before the war, a plan was not necessary. It is now.

An organized plan encompassing alumni as well as letter winners and interested friends, a plan that starts selection of material during the sophomore year of high school, that sells the parents of prospective players on the University as the place to get an education, that assists the boys in making the adjustment from high school to college, that sees to it that each boy does his class work, that each boy keeps up with his classmates and graduates with them, that helps to place the boy on the job after graduation — *only that kind of a frontal attack* on the problem of recruitment will succeed in bringing high caliber student athletes to the University and with them winning football.

The football staff has three main jobs: to coach, to recruit, and to maintain good public relations. Only the coaching staff can coach, but many can recruit. In setting up a proper recruitment plan, public relations are taken care of. Our coaching staff must set up an organized recruitment plan (within conference rules) and let the recruitment be done for them.

Until such a plan is instituted, the Gophers will never be a football power. It is as simple as that.

Ed Havelle





*'Among the famous palaces,
And cities of renown --'*

European Tour Crowns MAA Plans for '58

With the many requests that have been received by the Minnesota alumni office for European tours, the Association has set up two tour programs for European vacation travel for the summer of 1958.

Realizing the fact that organized group travel is gaining tremendous popularity, the tours have been arranged to provide alumni, their friends and associates of the University with the opportunity to travel abroad together.

Features of the program include first class hotels, combination of air, railroad and motor coach transportation through eight countries of Europe. Optional extensions include a ten-day tour of Scotland and Ireland as well as a ten-day extension tour of Denmark, Sweden and Norway.

The basic 23-day program begins with a KLM (Royal Dutch Airline) flight from New York to London for a two-day visit. Sightseeing includes: Piccadilly Circus, Houses of Parliament, Westminster Abbey, Buckingham Palace and the Tower of London. Amsterdam is next on the schedule. The Rijks Museum and the colorful city of Volendam are a part of the touring program.

Two nights will be spent in Brussels, Belgium, for a visit to the World's Fair. This giant international exposition, featuring the cultural and commercial achievements

of approximately 50 countries, is the first such event since the New York World's Fair in 1939-40.

By deluxe motor coach, the tour will proceed to Weisbaden, Germany through the cities of Cologne, Bonn and Koblenz. Continuing on to Lucerne, Switzerland, the tour will be highlighted with a cog-wheel railway ride up the slopes of Mount Pilatus. (The scenery in and around Lucerne is magnificent, especially with the snow-capped mountains as a natural background for Lake Lucerne.)

After a two-day visit in Switzerland, the tour will proceed by rail to Venice. This unusual peninsular city is famous for its moonlight canal rides with the singing gondoliers and, of course, Venetian glass is world renowned. Included in the sightseeing program are St. Mark's Square with the Basilica of St. Mark, the Bridge of Sighs and the Piombi Prison. (Gliding along the Grand Canal in a gondola is an experience never to be forgotten.)

The two-day program in Florence offers art lovers the opportunity of a life time. There is the lovely marble Cathedral, Giotto's Bell Tower, the Baptistery, Medici Chapel and many other places of outstanding historical significance.

Continuing to Rome by rail, the group will spend three days in the Eternal City. The program calls for sufficient "free time" as well as a

comprehensive sightseeing schedule including the Sistine Chapel, Trevi Fountain, the Colosseum, the Pantheon and other points that make Rome the "museum of the ages."

The rail tour to Nice on the French Riviera is considered by many to be the most beautiful ride in all of Europe, because the route is by way of Pisa, passengers will have the opportunity to see the Leaning Tower. Scenery of the rugged coast and of the Mediterranean Sea is also outstanding.

After the week in Italy, three nights of rest and relaxation in Nice will be welcome rest before continuing to a more active schedule in Paris. Arrangements in Nice will

A shorter, 17-day program is available to alumni in order to provide them the opportunity to visit many of the major cities of Europe within a three-week period. The program is based on a special reduced air fare being offered by Trans-Atlantic Airlines. In order to visit these cities within the 17-day period, air transportation will be used throughout.

London, Amsterdam, Brussels, Zurich, Lucerne, Rome, Nice, and Paris are included in the program.

A detailed itinerary sent upon request.

feature a dinner and a night at the famed Casino at Monte Carlo in the tiny principality of Monaco.

The group will then fly to Paris for a fun-packed three days. The tour includes a visit to the Palace of Versailles, the Champs Elysees, the Arc of Triumph, Eiffel Tower, the Louvre, Montmartre and other landmarks of this great city.

At this point, the basic tour ends and tour members will return to New York.

Those passengers taking the extension programs will continue by air to either *Glasgow, Scotland* or to *Copenhagen, Denmark*. The Scotland and Ireland Extension features nine days of sightseeing in Edinburgh, the Trossach Country and the cities of Dublin, Cork, Killarney and Limerick.

[Some of the most lovely scenery of Scotland lies in the Trossach Country where a chain of lakes, set in the midst of massive, heather-clad hills runs from Callander to the head of Loch Lomond.]

Sightseeing includes a look around Dublin, Wexford, Cork, Kenmare, Killarney, Limerick and, of course, the Blarney Stone and the Ring of Kerry.

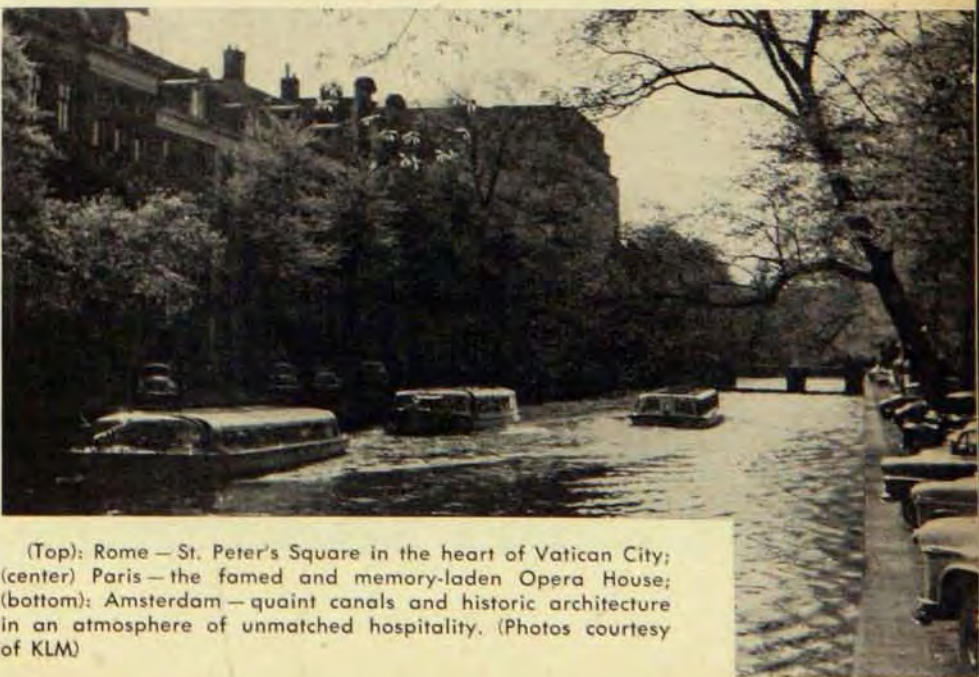
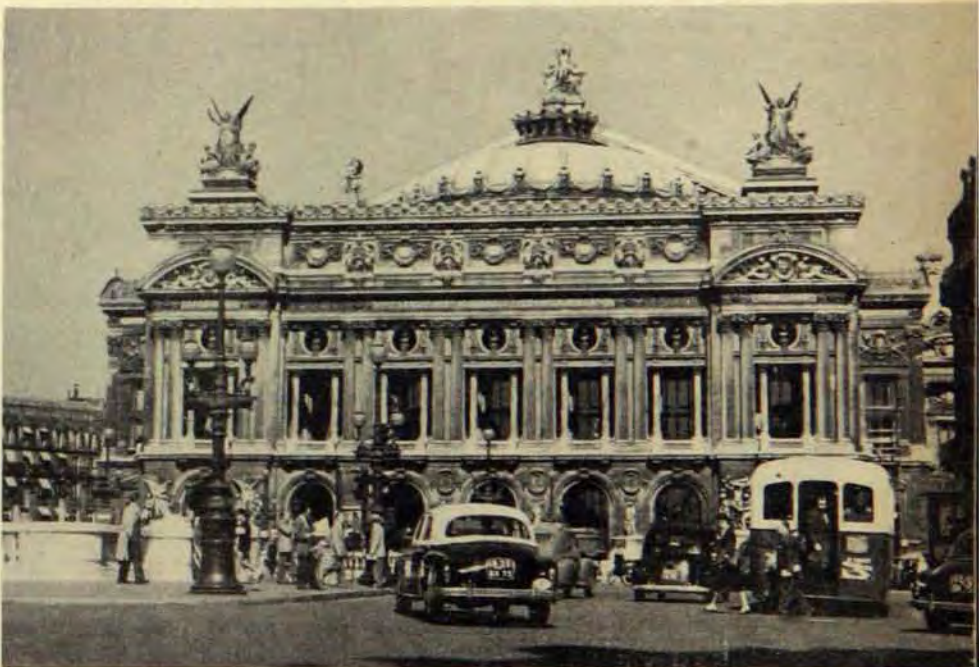
The ten-day extension program to visit Denmark, Sweden and Norway begins with a flight from Paris to Copenhagen. Two days of Copenhagen sightseeing features Rosenborg Castle, Thorvaldeen's Museum, Tivoli Gardens, the Danish Riviera and Elsinore with its Castle of Kronborg, immortalized in Shakespeare's tragedy, "Hamlet."

By plane, passengers will continue to Stockholm where the program offers a city tour, a visit to Drottningholm Palace and a full day tour to the university town of Uppsala and then by boat to Skokloster Castle and Sigtuna, the oldest city in Sweden.

From Stockholm, the passengers will fly to Oslo, Norway and transfer to the Hotel Continental. Two-day sightseeing will include Akerhus Castle, Norwegian Folk Museum, the Viking ships and other points of local interest. A half-day

(continued on page 8)

JANUARY, 1958



(Top): Rome — St. Peter's Square in the heart of Vatican City; (center) Paris — the famed and memory-laden Opera House; (bottom): Amsterdam — quaint canals and historic architecture in an atmosphere of unmatched hospitality. (Photos courtesy of KLM)

Departure Dates in a Nutshell

TOUR 1 Leave N.Y., June 25.....Return N.Y., July 18
(23-day)

Side Trips

British Isles.....Return N.Y., July 27
Scandinavia.....Return N.Y., July 27

TOUR 2 Leave N.Y., August 16.....Return N.Y., September 8
(23-day)

Side Trips

British Isles.....Return N.Y., September 17
Scandinavia.....Return N.Y., September 17

Ed Haislet, Executive Secretary
Minnesota Alumni Association
205 Coffman Memorial Union
University of Minnesota
Minneapolis 14, Minnesota

Dear Mr. Haislet:

Please send me complete itineraries as checked covering the proposed European Tour for University of Minnesota Alumni, family and friends.

- _____ 17-day tour all-air program
_____ 23-day program, including extension
_____ Both the 17- and 23-day programs and extensions

Listed below are some of my friends who might also be interested in receiving this literature.

Name	Address	City & State
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

I am a member of the class of:

Name _____
Address _____
City _____
State _____

(continued from page 7)

cruise around the Oslo Fjord is also a part of the program.

Tour departure dates are June 25 and August 16, 1958. The first tour will return to New York on July 18; its British Isles extension will return July 26 and the Scandinavian extension will return July 27.

The August 16 tour will return to New York on September 8; its British Isles extension will return September 17 and the Scandinavian extension will return September 17.

The cost of the basic 23-day tour is \$1,125.00 per person on the basis of joining and leaving the tour in New York City. The Ireland and Scotland extension tour is an additional \$190.00 and the Denmark and Sweden extension is \$272.00 additional. Those wanting to avail themselves of both extensions may do so at the cost of \$457.00 in addition to the basic tour price.

The cost of the tour and extension includes: round-trip tourist class air fare between the United States and Europe as well as other flights mentioned in the itinerary; airport taxes; first class rail transportation with the very best of European motor coaches used.

Accommodations are at first class hotels throughout. All breakfasts (continental) and dinners are included as well as all lunches while enroute in Europe except for Paris and London where only breakfasts are included.

Certain meals have been omitted from the tour to permit passengers to select their own restaurants in the famous cities.

Sufficient "free time" has been set aside to provide passengers with leisure to ferret out those little oddities that add spice and adventure to travel.

A full program of sightseeing and excursions is included along with the services of English speaking guides. A European courier will accompany the group. All handling charges for baggage as well as baggage tips and meal tips are also included in the tour costs.

For further information about this program, please return coupon at left.

Yugoslavian Impressions



J. D. Holtzermann

MAA vice president

J. D. Holtzermann revisits

Adriatic country after 18 years

After the experience of visiting the breath-takingly beautiful shores of the Adriatic coast of Yugoslavia in 1938, and getting acquainted with the courageous, hard working and optimistic citizens of that new country, I had been very eager to go back. I wondered what life there under Communist Tito had done to that fine nation during these past twelve post-war years.

My interest was heightened by the independence and courage Tito showed in being the first of the satellite states to oppose Stalin Russia and to kick out his early Russian advisors yet still be clever enough to remain alive and maintain his own regime. Another action of Tito's which aroused my interest was his decision to back away from rigid communism and permit a return to private enterprise in farming. This, as you may recall, he did (although on a very limited scale) allowing a maximum of 36 acres after agricultural production had fallen way down and starvation faced the country.

I had personal reasons, too, for wanting to visit this hardy nation again, too. My curiosity as to how some of my own hard-earned tax dollars were being spent by Tito was very real. Our government has seen fit to spend many millions and to send much military hardware to Tito.

The revealing story began on a train in Austria, headed for Zagreb, the leading commercial city of Yugoslavia. I sat pondering my business trip which was to find goods I could buy to advantage. An elderly woman sitting across from me in the compartment was ready to talk about living conditions in her own country, Yugoslavia, where she was a farmer's wife.

Her comments were bitter and numerous. She was very critical not only of high prices for all goods, but also of their poor quality. She cited the example of a

pair of rubber boots purchased to cope with snow conditions in the low mountains where she lived. She explained that the first day she wore them, one boot was leaking water after only fifteen minutes of use — and leaking badly.

She cited her experience with poor electric light bulbs, with poor quality woolen and cotton cloth, with electrical appliances of all kinds. She complained of high taxes, and the constant recurrence of demands from the tax collectors who appeared almost every month. She said it was impossible to get ahead, or even make both ends meet. She said she had been very discouraged by the hopelessness and discouraging prospects of life in Yugoslavia under Communism, but added that her week long trip to Austria (made possible by a Christmas present from a sister in Chicago) had given her new courage.

In Austria, she had found plenty. She described happy ambitious Austrian people, able to live a normal and decent life, able to get ahead and save. Her life in Yugoslavia, she said, had become a bitter, hopeless struggle, so different from what it had been. She cited frequent power failures, which led to tragedies in hospitals, great inconvenience to the citizenry and to losses in factories. She told how the whole night-shift at a steel mill near the Austrian frontier walked off the job one night and fled to Austria — *and of how the press never mentioned it*. She talked about how poor the quality of cigarettes was now, in contrast to their former excellence.

We crossed the border — and left her happy people behind us. Now we were in Yugoslavia — and she was silent for a while. Then she opened up again with further caustic comments about the regime and the bad life it had given them.

I was surprised that the thin walls of the train



Once an exporter of foodstuffs, Yugoslavia must hold many people to the fields in order just to feed itself. These children from Dalmatia knit their time away as they watch over the sheep.

compartments and the presence of numerous officials and soldiers in uniform did not discourage her bitter criticism and comment – but they didn't.

Now, it was my turn to see for myself. On the six-hour train ride from the crossing of the Yugoslav frontier to Zagreb, I noticed only one automobile in motion. (During this time, we passed through numerous small towns and villages and three good sized cities.)

In Zagreb, there were only one or two taxis at the station. However, my room at the hotel was sparkling clean and everyone there was courteous. But most people were not well dressed. Those people from the country had badly worn and very poor clothing.

There was almost no automobile traffic in this big city of Zagreb. The export manager of the big winery I intended to visit came to get me in a car and it was then that I noticed we were a breed apart. We were stared at by all we passed. The few cars we passed had foreign licenses, mostly German.

The prices of the few things I wanted to buy for personal travel needs were about double those in Austria (including the mediocre food). In addition, the quality of the luggage was so poor that I bought nothing.

At the main office of the big company where I was interested in buying the only good quality things I found in Yugoslavia, I inquired of the general manager how business was. He said the country was in a hole, and would be until they could bring up their agricultural yield to produce a surplus for export as they had always done in pre-war times. Now they yearly import two million tons of grain for their own needs, he said, while they should be exporting grains, meats, fruits and wines and forest products. When I asked where our American dollars were spent, he explained that most of them went into new factories

(the pet projects of the state) and for military purposes.

There were many big, new factories in and around Zagreb, and one could assume that many jobs were provided in them. Of course, one must also assume such employment would help extend the apparatus of the ruling government party, however poor the quality of the products, and however unwise the resulting economic loss to the country. Before the war, as you may know, Yugoslavia had a large export trade with her neighbors, supplying them with food and forest, and some mineral products, and getting high-quality finished goods in return.

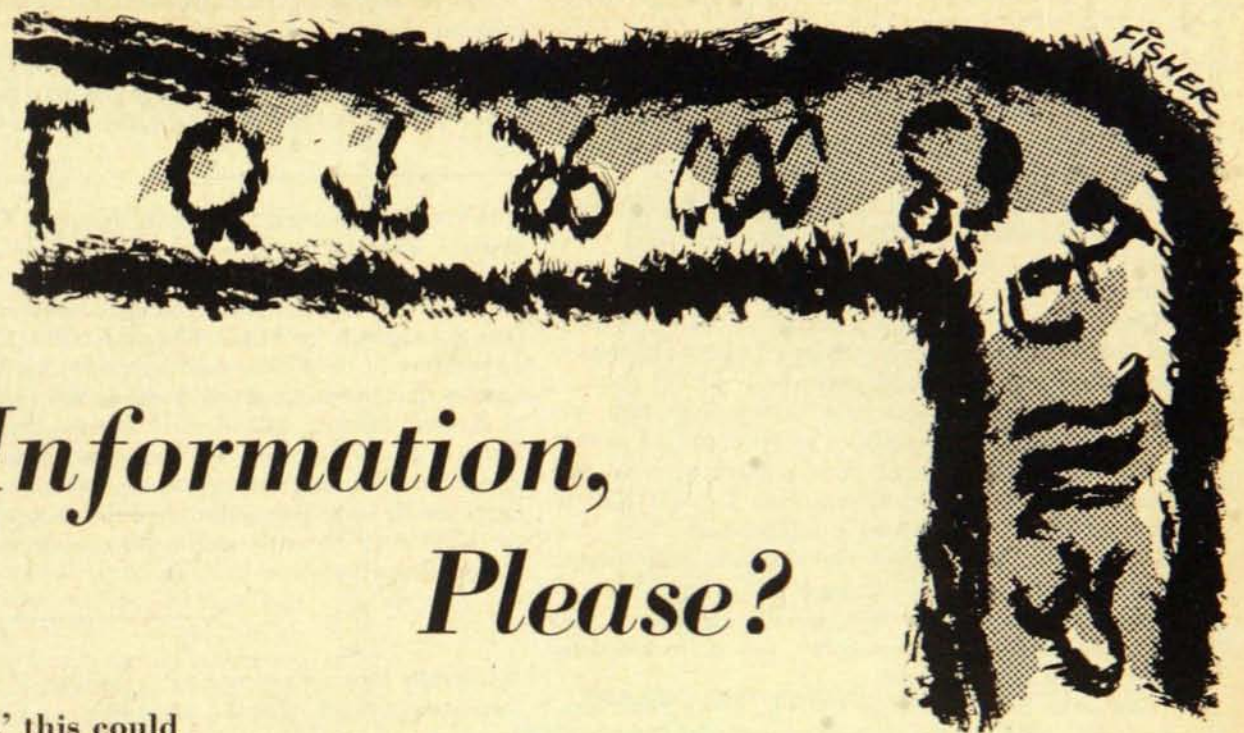
My very dim impressions of present day life and living in Yugoslavia were confirmed by extended conversations with some of our consular officials. As an American the Yugoslavs showed me much courtesy. This is an expression of friendliness towards the United States which is caused in large part by the generosity of so many Yugoslavs who now live in the states. These Americans have sent their relatives and friends much in the way of money, food and clothing to help them overcome the hardships of recent years.

As one man told me, "Every Yugoslav hopes to live in the United States one day."

There must be some truth in that because the number of people who have been fleeing from Yugoslavia has been doubling in recent years until, this year, the figure is expected to reach over 20,000.

Compared to 1938, I would say that Yugoslavia has lost much ground, *not only in human freedom, but also in terms of the standard of living.* The Yugoslavs – a brave, hardy, thrifty, hard working, talented people – had high ambitions and high ideals. How much erosion Communism has caused to their fine character I cannot say, but I would like to hope that our state department will be sparked to some special effort to keep with us those people who are basically our friends.

The
'elusive'
Zodiac



Information, Please?

At 'U,' this could
refer to gizzards,
hieroglyphics, poetry

By Monette Strube

A few years ago two men rushed into the University's geology department with the remains of their Christmas goose gizzard.

"Look!" one shouted. "Look at this. See the yellow stuff that glitters. It's gold, isn't it?"

While a member of the geology staff gingerly picked up the gizzard and took it off to analyze "that yellow stuff," the two men talked some more about their "gold."

They had plans. They would ask the grocer where this golden goose had come from. Then they would go to the farm and voila! Fortune was theirs!

The geologist returned.

"It's brass," he said.

"Brass?"

"Brass."

"It can't be!"

"It is."

The men grabbed the gizzard and left. The geology department doesn't know if they're still searching for geese with golden gizzards or not. But if they ever find one, the department will be glad to help them stake their claim because incidents like this are "all in a day's work."

When staff members of the University are not instructing or researching, they are in public service of one kind or another.

Analyzing goose gizzards is one type of public

service. So is identifying rocks, bugs, snakes, stars, inscriptions, paintings and occasionally, quoting poetry.

Most requests are not out of the ordinary. The home economics department, for example, gets serious, legitimate questions more often than not.

"Our letters and calls concern color or fabric schemes for redecorating houses," said Mrs. H. C. Estros, professor of home economics. "People want to know what looks good with what. Is nylon carpeting better than wool? How should I arrange my flowers? What is a good buy on the market?"

"Whenever we can't answer, we channel the puzzlers to people who can," she said.

Probably the catch-all for almost any question is the University library. One of the librarians indicated that most of the questions are from students, and "believe me, we get some strange ones," she added:

"Just the other day somebody from off-campus called up and wanted to know what time the ship *Liberté* had docked in New York the day before. We referred to the *New York Times* but found only the place and the day."

Information please takes some part of each day in every department and takes longer when the sender mails his request to the wrong department.

Dr. Theodore Hornberger, chairman of the English

department, said some requests his people get have to be directed to Entomology.

"One time we got a bulky envelope with a bug in it and a note asking us to identify it."

But the English department doesn't get many bugs. Most of its requests are to identify lines of poetry or phrases from other literary works.

Staff members are often asked to judge contests, too," Dr. Hornberger said.

In zoology, however, bugs in envelopes are numerous.

"Once we got a dried-up snake in an envelope," says Ross Shoger, teaching assistant. "Also, there was a questionnaire on the snake enclosed.

"Sometimes people can't be convinced when we identify something. A woman who brought in a mouse said she'd been watching it and listening to it for several days. From her observations, she said that it was certainly a very special kind of mouse.

"Of course, it was just an ordinary little house mouse, but we couldn't convince her otherwise."

The astronomy department, usually considered less of a fountain of popular statistics, has skyrocketed to new fame in recent weeks.

"Since the Sputniks have arrived, we've been deluged with calls from people who've 'seen' them and want us to verify it," says Dr. William Luyten, head of the department.

He adds that, in quieter seasons, they occasionally hear from people who disagree with Einstein or have new theories on the creation of the universe.

Classics professors William A. McDonald (left) and Norman J. DeWitt answer many a stickler but were eluded by the signs of the Zodiac.



Luyten explained that astronomical questions can take on almost any character. He said:

"For instance, we might be asked to testify in court what time the sun set on a certain day so a lawyer can prove the sun did not glare in his client's eyes."

If you are a potential joiner in the quest for miscellaneous information, here are a few suggestions for a speedy reply. Send insects to Entomology. Diseased plants are identified by the Plant Disease Clinic while poisonous plants go to the Pharmacy. The Diagnostic Laboratory in the College of Veterinary Medicine will answer questions on animal diseases and the Museum of Natural History will identify strange animals. The Bulletin Room has over 400 bulletins on problems in agriculture, forestry, home economics and veterinary medicine. If your questions don't fit in these categories, the University News Service will forward them to the correct department.

Literally hundreds of requests pour into the Geology Department each month, according to George M. Schwartz, professor and director. The material to be identified ranges from "every kind of mineral they can pick up in or outside of the state" to fossils and an occasional set of modern horse teeth mistaken for a fossil. Publications are also a booming business, and there are numerous requests for geological maps.

Members of the classics department know well the proverb that "the wise man walks on his knees so that he has less distance to fall."

Dr. Norman J. DeWitt, department chairman, laughs today when he tells of a ring with a very strange inscription inside the band. No one in classics could figure out just what it was. Finally the *Minnesotan* ran a picture of it. The classics department received a call from the science department. The scientists had the answer: the indecipherable was the Zodiac.

DeWitt also said people often call or come in with old Latin or Greek mottoes they want translated.

"Sometimes they want to know more than just the translation such as who said it first, where and why. We can't always help them that far.

"We're occasionally asked to make up new Latin or Greek mottoes for advertising slogans," said DeWitt, "and about once or twice a year, we're asked to invent a new technical Greek term for scientific terminology."

All departments make every effort to help people who come to them. Only requests that come from obvious cranks are ignored. Most "customers," however, are given the benefit of the doubt.

No such benefit was called for in connection with a recent letter to Pres. J. L. Morrill. The writer had drawn a chart of the human mind and figured out its working. He wanted time and space on campus to instruct students in his discoveries.

The Real Mac Guf

Robert P. Provost
Director of the Greater University
Fund (GUF)

In commenting recently on the extensive medical research being conducted at the University, Pres. J. L. Morrill gave credit to the scientific investigator who is able to use funds effectively.

The old saying about success attracting success is certainly true when talking about research support for higher education. The medical area is no exception. However, one must understand that, behind each initial success in a research program lies an extensive investment in facilities, equipment and trained personnel. Once this initial investment has been made and the capable investigator is engaged in active research, supporting grants are usually attracted.

Back in 1943, a research fund for ophthalmology was established at the University. It has recently been enlarged by memorial contributions to the man it honors, Frank E. Burch. The fund gives promise (through the interest and extensive help already given) to spearhead another successful research program in our University's medical school.

The Burch Fund is aimed at increasing basic and clinical research on diseases of the eye. Through it will come the financial assistance necessary to establish the initial research program, thus creating the opportunity for attracting additional research grants. In a way, the Burch Fund might be called "seed money," for expanded research in ophthalmology.

The project's sponsoring committee invites your assistance. Your contribution may be made payable to the Frank E. Burch Fund, University of Minnesota and forwarded to Mr. Glen E. Millard, Secretary, Sponsoring Committee, Frank E. Burch Fund, 236 East Ninth Street, St. Paul.

JANUARY, 1958



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Col. R. D. McCarten heads the Air Force branch of the campus ROTC program.

ROTC and Our Boy

A University couple tell why they feel their son made the right move when he joined the ROTC program

by

Caroline '29BA and Peter '28-'29 Tema



Co-authors Peter and Caroline Tema, Columbia Heights, are the parents of four children, three of them graduates of the University. Since Robert is the only son in their family, the story was an observation on the life of Robert, presently an ensign in the U.S. Navy at Pensacola and, shortly after the article was written, host to his mother and father. Joan, now home service advisor, East Ohio Gas Co., Warren, Ohio, is a 1952 grad; Carol, a dietetic intern at University hospitals, is a 1956 grad.

The Temas were publishers of the Columbia Heights Record for 26 years until 1956 when Peter became State Deputy Registrar in Columbia Heights.



GOPHER GRAD

June 1957 will always stand out as a memorable month. That was when our son received his Bachelor of Arts degree from the University of Minnesota and his commission as an Ensign in the United States Navy.

Frankly, as we watched him up on the platform, we didn't know which of these achievements pleased us the most. All of his life he planned to go to college. The commission, on the other hand, was a sort of a bonus.

The desire to be a commissioned officer in the armed forces goes back only as far as high school. Early in our boy's senior year, he had mentioned that school officials had advised him to look into the opportunities of the ROTC program.

At many a dinner table conversation, we discussed the pros and cons of going into the armed services either through the draft or the ROTC program. It was evident that compulsory military service was to be the law of the land. In that case, every youth — our boy included — had to face the problem.

He had three alternatives. Should he enter the military program first and get service out of the way? Should he start college with the hopes of being deferred from the draft until college was completed?



Dr. Emmet O. Swanson '28DDS presents Army ROTC Richard M. Huff with rifle marksman award at annual spring review.

Or should he enroll in one of the ROTC units and receive a commission before entering the service?

Upon investigation we found the ROTC had promised advantages as only the military can outline in its sales campaign. What we discovered was similar to the "ROTC Counsel for Freshmen" prepared by Col. Dean M. Benson of the Army ROTC and Col. R. D. McCarten of the USAF, both attached to the University of Minnesota. In stating the program's purposes, they said:

"All ROTC departments at the University of Minnesota are charged with producing highly qualified officers for the Department of Defense. The propriety of this policy is evident; these men are to be leaders in commissioned status, responsible for the proper training and welfare of others. It is important that this point of individual quality be thoroughly appreciated in order to dispel any idea that ROTC is a snap course or that the only advantage of serving in commissioned status is that of more pay and more privileges."

Our son found the advantages to be gained by enrollment in one of the ROTC departments at the University were as described:

(a) The liberal arts nature of each of the ROTC curricula result in a program that is complementary to the academic program pursued in other University departments. The result is an educational experience that is more inclusive than would be an education without a ROTC complement.

(b) The leadership training program in the ROTC curriculum provides students with a type of training that is not stressed in other academic departments. This leadership is developed on the drill fields, in the classrooms, and in conjunction with the many extra-curricular activities sponsored by the ROTC departments.

(c) The ROTC curriculum provides education in general military matters that better qualifies one as a citizen and as a voter.

(d) Academic credit is granted for ROTC participation. This credit is applied as another elective credit to the requirements for a University degree.

(e) ROTC students are furnished with uniforms and ROTC textbooks free of charge.

(f) Advance ROTC students are paid subsistence of approximately twenty-seven dollars (\$27.00) per month.

(g) Completion of the ROTC program, when characterized by conscientious and adequate application, qualifies the student to take his place in commissioned service along-side the graduates of the service academies.

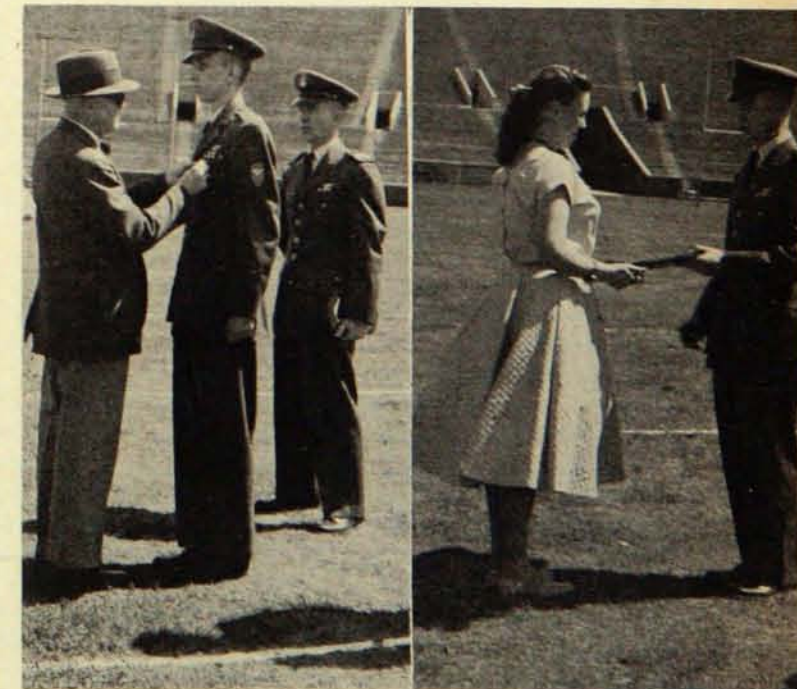
(h) Upon graduation, the ROTC student has the opportunity to be placed on active duty with the military establishment.

In the Army and Air programs, uniforms and textbooks are furnished and, during the advanced two years, a monthly monetary allowance is given as well as pay for summer training.

Our boy became interested in the Navy ROTC program.

He came home with a stack of literature which told him a variety of facts. The navel program, for example, has two kinds of students — regular and contract. The regulars are selected on the basis of nation-wide competitive examinations, usually among high school seniors. The Navy provides tuition, fees, textbooks,

Academic Vice President M. Willey (left in photo, left) presents Sedley C. Davis with the Outstanding Cadet Award at the spring review; (right), Mrs. Lawrence C. Lundberg confers the award named in honor of her late husband to Air Force ROTC cadet Leland P. Madison. The Lundberg award, based on leadership and self-sufficiency, is in memory of Capt. Lawrence Lundberg, 1940 graduate of the University, killed in 1956 when he crash-landed his plane to avoid possible destruction to a housing area.





Col.
Dean Benson
heads the
Army branch
of the
campus
ROTC
program.

uniforms, and a \$600-a-year living allowance. The student is expected to complete the program and to accept a commission as ensign in the USN or second Lieutenant in the USMC upon graduation, followed by an active duty requirement of three years unless released earlier. (Col. Robert Bowen, USMC, joined the ROTC staff this fall.)

Navy contract students are simply civilians who enter into a contract with the Navy ROTC program

From ROTC, more U.S. officers than from army, navy academies

similar to the Army and Air Force ROTC programs. Formal application for admission must be made. If accepted, the student is provided with uniforms and textbooks during the first two years; during his junior and senior years, he will be paid a subsistence allowance. Upon completing the program, he will be granted a commission as ensign in the USNR or as second lieutenant in the USMCR.

Being the brave type, young Mr. Tema decided to "shoot for the moon" and try out for the *regular* Navy ROTC program. He first took a Navy college aptitude test at the University. Upon hearing that he had passed the examination, he took a physical at a Navy recruiting station. At the same time he was interviewed by two naval officers, and filled out necessary forms and applications used by the state selection committee.

Later, the state selection committee met to review completed applications and to make final selections of successful applicants. One day, then, our son was notified that he had been accepted as a candidate for Regular NROTC, with tuition, books and uniforms to be furnished by the U. S. Navy.

It was evident from the start that being in any branch of the ROTC program sets a man apart and makes him more conscious of his obligations to his school, community and country.

In addition to four years of academic work, including military science subjects with academic credit, our son had the advantage of three summer cruises — two to the continent of Europe, and one to Corpus Christi, Texas, for air training, and Little Creek, Virginia, for amphibious training. During these summer cruises, he had a chance to meet and work with all sorts of people from all parts of the country, and thus broaden his horizon. At the present time, he is an ensign in the U. S. Navy stationed at the Naval Air Station, Pensacola, Florida, where he is taking flight training.

As we understand it, ROTC is presently the most important source of officer procurement within the department of defense. In the Air Force, 80% of all officers and nearly 80% of all fliers are furnished by the program. In the Army and Navy, the ROTC program produces far more officers than do the service academies.

While some people may say that military science subjects have no place in the University curriculum, we have discovered (through the four years of our son's college career) that these Naval Science subjects were exceedingly valuable to him. More than that, we have found that being in the program has developed in him an understanding and appreciation of discipline; qualities of patience, poise, self-confidence, and leadership; and the ability to make the most of an opportunity.

Whether or not the ROTC graduate follows a military career throughout his life, he is still better prepared to take his place in the business world and as a citizen of his country. Furthermore, there are such things as prestige, financial benefits, satisfaction and personal well-being which come from service as officers.

Despite the good which comes from participating in the college ROTC program, many youths appear to miss this golden opportunity because of lack of information. Parents should be in a position to give their sons the pertinent facts and advise them to make the decision early. They can explain the many interesting opportunities for those who look upon military service as a challenge that can be rewarding.

In the words of J. L. Morrill, President of the University, "It is an exceptional opportunity for young men to fit themselves for national service while at the same time preparing for their own life work and careers."

By now you know — we agree.

GOPHER GRAD



Center has been host to over 100,000 persons.

Planners of Center activities are Elizabeth L. Cless, lecturer and program consultant; Merrill Cragun, course coordinator; James Spear, program director; and Fred Berger, director of the Center.

Twenty-one years old . . .

Birthday for 'Education Inn'

For 21 years, alumni and visitors have come to the University for a few days, not only to take part in celebrations, but also to attend a very special school on campus.

It's the school within a school for people out of school.

This is one way to describe the University of Minnesota Center for Continuation Study.

The Center, which has accumulated a very impressive record during its short life, is now celebrating its 21st birthday.

But its anniversary is observed with work as usual, and chances are that persons attending courses there are unaware they are birthday party guests.

As explained in the 1937 Bulletin, the Center was set up to operate "chiefly through a series of schools and institutes, organized and directed by the University and designed to serve the interests of professional, occupational, civic and cultural groups."

And over the years, the ivy-covered building at the corner of Seventeenth and University avenues S.E. has had an increase of enrollment in its program over 10 times. In 1937 there were less than 500 participants as compared with the 10,242 registrants in 1957. The cumulative total for the 21 years is 109,510 with a faculty numbering 30,178.

More men have attended the short courses than women. Of the registrant total, there were 69,779 men and 39,731 women.

Minnesotans make up the largest group of students with 85,119 persons of the total. There have been 23,264 from other states and 1,127 from foreign countries.

Last year there were 8,363 from

Minnesota, 1,773 from other states and 106 from foreign countries.

Within its short life time, the Center has offered 1,886 courses serving professional, occupational, cultural and civic groups.

A self-contained unit, the Center houses and feeds its members in addition to providing them with classroom facilities. Moreover, each of the institutes, workshops, courses and conferences has its own name, schedule, curriculum and faculty.

The number of courses offered by the Center has grown from less than 30 to 150 a year, most of which average from three to five days. The shortest conferences usually are one day affairs while the longest, the Juvenile Officers Institute, covers 10 weeks.



Governor visits a sister 'U'

An Honor in Oriental Style



*A good friend came from afar.
Isn't it a pleasure to meet him!*

This greeting of Confucius was the same one given by the Koreans to Gov. Orville L. Freeman '47LLB and Mrs. Freeman '41BA on their recent tour of the Orient.

The occasion was at Seoul National University when Gov. Freeman was awarded an honorary Doctor of Law degree by Il Sun Yun, president of Seoul National University.

Gov. Freeman was honored for his ability as a leader and statesman, and his assistance in implementing the cooperative project between Seoul National University and the University of Minnesota.

Three years ago the University, inspired and supported by the International Cooperation Administration, began a program of assistance to Seoul National University for the rehabilitation of the engineering, agricultural and medical colleges. University specialists went to Seoul National University to advise and share their knowledge while Korean instructors came here.

A spokesman of Seoul University said that the "rehabilitation of Seoul University is on a fair way to success. The financial assistance," he said, "is not simply wasted. Society is making a long range investment."

Gov. and Mrs. Freeman also met with alumni. Some of them are pictured here.

Mrs. William E. Warne, left, wife of the UNC Economic Coordinator, and Mrs. Song In Sang, right, wife of the Minister of Reconstruction, greet each other at a reception for Gov. and Mrs. Freeman.

group picture with Korean educators. Left to right are Oh Soon Sup, dean of the College of Veterinary Medicine; Cho Baik Hyun, dean of the College of Agriculture; Myung Choo Wan, dean of the College of Medicine; Hwang Yung Mo, dean of the College of Engineering;

Gov. and Mrs. Freeman pose for a Shin Tai Hwan, dean of the College of Law, Mrs. Freeman and Dr. Arthur E. Schneider '31BSFor, of the University of Minnesota (behind her); Mrs. Choi; Gov. Freeman; Mrs. Yun and Il Sun Yun, president of Seoul University.





Gov. Freeman bows in true oriental fashion as he accepts an honorary degree from Il Sun Yun, president of Seoul National University.

Three University men exchange toasts and notes. Left to right are Roy O. Bridgeford '30MS, of the University of Minnesota, Oh Soon Sup, dean of the College of Veterinary Medicine, and Myung Choo Wan, dean of the College of Medicine.



The chrysanthemum, symbol of royalty — an unidentified guest (left) and a study in expression as Mrs. Freeman and William E. Warne, UNC Economic Co-ordinator, await dinner.



Alumni from Eight States Attend S. W. Meeting

Alumni from eight western states gathered at Phoenix, Arizona, to hear Pres. J. L. Morrill speak at the first Southwest regional alumni reunion banquet, Dec. 2.

Sponsored by the Minnesota Alumni Clubs of the Southwest and of California, the reunion began Dec. 1 and concluded Dec. 8. The banquet and dinner dance highlighting the gathering at Camelback Inn were held jointly with the University of North Dakota's national alumni reunion.

Also featured at the banquet during which Pres. Morrill greeted alumni were campus films shown by ExSecy Ed Haislet.

The sponsoring clubs included the Valley of the Sun Club, Phoenix; the Tucson Club, the Northern California Club, San Francisco, and the Southern California Club, Los Angeles.

The alumni secretary, acting as master of ceremonies, introduced the alumni seated at the head table. After those seated at each table had introduced themselves, Haislet expressed his appreciation to the sponsoring clubs and read excerpts of letters from Ellen Brown '36BA, president of the Northern California Club, and R. J. Swenson '29-BBA, president of the Southern California Club.

Representing Texas alumni at the reunion were Louis F. Riegal '11EE Beaumont, and E. N. Van Duzee '26EM, Midland. Prior to his arrival in Arizona, the president, accom-

panied by Mrs. Morrill, had paid a visit to Dallas, Texas, where he was met by a delegation headed by Fred Agnich '37BA and Mr. and Mrs. William McInerney (Bill: '35-'46). In addition to attending a number of Texas alumni gatherings, Pres. Morrill made radio and television appearances.

Among his engagements were luncheon at the famous City Club of Dallas, dinner at the Petroleum Club attended by more than 60 alumni and guests, and a post-Thanksgiving meeting.

Also on the program were tours of the Geophysical Service and of the Texas Instruments plants.

Among those attending the Southwest regional alumni reunion in Phoenix were the following:

Representing the California alumni groups: A. L. Abbett '35BS '35-MB '36MD, Castro Valley; James W. Baker '36BSEd, Glendale; Mrs. Dagmar J. Christensen, San Francisco; Dr. Edward Courtney '37-DDS, La Jolla; Charles J. Gottfried '36BME, Fullerton; Axel L. Johnson '36BM, Los Angeles; Ralph Mecklenberg '43BBA, Los Angeles; Mrs. Helen Silvius '36BSEd, San Francisco; Thomas F. Solon '52-BCE, Beverly Hills; A. C. Flegal '14-'20, Los Angeles; G. L. Rygg '41PhD, Pomona; and Carl Westberg '21BSChem, Sierra Madre.

The Phoenix, Arizona, delegation included Dr. E. G. Barnett '28BS '29MB '30PhD, Charles S. Beck '11-

EM, Dr. E. B. Borg '51DDS, Edward Bratrud '11BS '13MD, Edwin J. Dahl '25BSAg, John E. Feickert '38-'42, Frank E. Flynn '07LLB, Mrs. Emma Golden '30MA, Kenneth Hall '49AA '51BA;

Olaf Hondrum '42BSEd, Mrs. Ben Hoerger '04, Nels Johnson '05-CE, Dr. Ralph Koerner '51DDS, Paul J. Martin '47BA, Mrs. C. J. Mehlum '40GN, Ariel Moore '41BS, Ernest E. Mulch '50BS, Dr. V. A. Mulligan '29BS, '31MD, Marion F. G. Nickell '10BA;

James R. Peterson '50BME, Dr. Ralph Peterson '52BS '54DDS, John Schaeffer '43BCE, Loren Sederstrom '42BSEd, Warren Silver '51-BA(UMD), Royal J. Ziemer '31-BSEd, Bob Bucus, Mrs. Ann Cannoy, and David G. McQuillan.

Attending from elsewhere in Arizona were Carl Sauer '23BA, Glendale; George Church '30BBA and John P. Somer '28-'32, Tucson; Mrs. S. A. Riesonfeldt, Yuma; W. A. Knapton '50BSEd, Eloy; Richard H. Smith '37BSFor and Arthur C. Mulvey, Prescott.

Seated at the head table at the first Southwest regional alumni reunion banquet were regional alumni and University representatives. From left to right are: George Church, past president of Tucson MAA; Pete Somers, Tucson president; Royal Ziemer, vice president of Phoenix MAA; ExSecy Ed Haislet, Pres. J. L. Morrill, Mrs. Morrill, Mrs. John Feickert, and Mr. Feickert, Phoenix president.

Education Alumni Ass'n Sets Jan. 22

'Leader' Dinner

A student leader dinner is being planned for Jan. 22 by alumni association members of the college of education. The dinner is "designed to give incentive to student group participation in alumni activities," according to Pres. Nolan Kearney.

The date for the next meeting of the group was set for 4 p.m. Jan. 22 to coincide with the date for the proposed dinner.

Those attending the recent meeting during which the project was proposed included Kearney '24BS-Ed '32MA '48PhD, Mrs. Madeline Merriman '38BSEd, Dean Walter W. Cook, Arnold Woestehoff '48-MAEd, Herbert Hartshor '40BSEd '47MA, Robert Worthington '49MA, ExSecy Ed Haislet and Ray Chisholm, assistant secretary.

Discussing convention plans, the association named a supervisory committee of Kearney, Woestehoff, Dean Cook, Haislet and Chisholm.

It was also decided that a skit will be used at this year's banquet, with Kearney acting as chairman of the committee.

It was suggested that an Outstanding Achievement Award winner be selected as a speaker for the annual meeting and that past OAA winners be invited.

An Alumni Service Award candidate will be named this year, according to present plans.

Dean Cook was appointed to prepare the annual newsletter.

MAA Approves European Tour

The Minnesota Alumni European tour proposed for next summer was approved by the executive committee at a recent meeting of the MAA. ExSecy Ed Haislet was directed to continue arrangements for the tour. A responsibility clause to be signed by those participating will absolve the association of liability.

The establishment of an E. B. Pierce Basketball Award in memory of the former alumni secretary was also discussed.

In a letter to the association, Ike Armstrong, athletic director, indicated that the Senate committee on intercollegiate athletics had approved the alumni association's recommendation that the award be given to an outstanding basketball player of the year. Complete details on the matter will be worked out by the Senate committee on intercollegiate athletics awards committee and Haislet, who will be assisted by Bob Provost, director of the Greater University Fund.

The Association also discussed the President's report concerning the Stadium Committee, and went on record as ready to assist President Morrill in his work on the stadium problems at all times.

A nominating committee for this year's election was appointed by President Leif Strand '29DDS.

Madison Chapter Elects Melvin Sletten President

Minnesota alumni in Madison recently elected Dr. Melvin Sletten '35DDS president of their chapter.

Other officers elected are Donald Engstrand '48BS, vice president,

Representing the Board will be Russell Backstrom '25BSME, chairman; J. D. Holtzermann '21BA, Herman Rosenblatt '33BA; Larry Clark, Sr., '22BS(B), past president of the school of business alumni association, and Gladys Sinclair Brooks '36BA, past board member.

Ballots will be printed in the March and April issues of the alumni magazine.

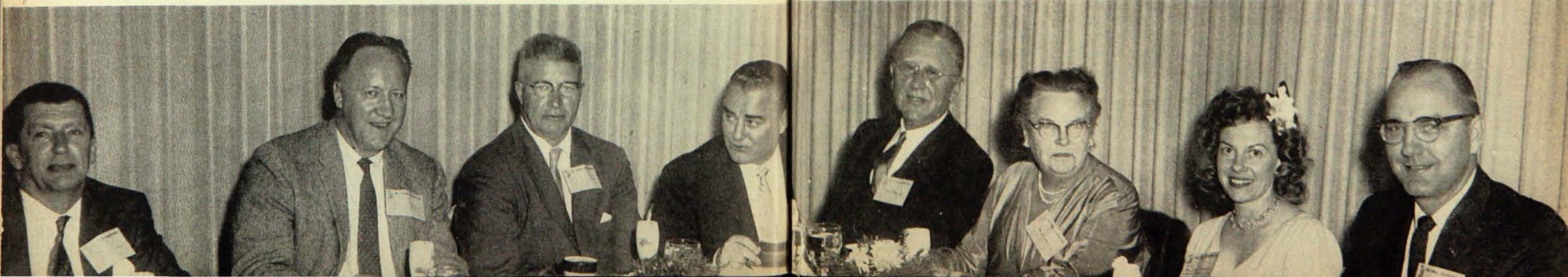
The Charter Day luncheon was discussed. Board members will be hosts at the Feb. 27 luncheon.

Before the meeting was adjourned, the 1958-59 plans for membership came up for consideration. A straight billing of all non-members was used last year. Haislet reported that this method was "thus far doing a better job in promoting memberships for the Association."

The plans for 1958-59 include giving a gopher decal away for annual membership, a song sheet for a five year membership, and the song record for a life membership.

and Mrs. Charles L. Miller, secretary-treasurer.

The club hopes it can broaden the service this year to include other towns.





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Because Western is continually developing and expanding its modern, convenient air transportation and contributing so much to the air-age progress of Western America.

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Dads' Report 30 Loans, No Losses

A report on the Emergency Loan fund was given at a meeting of the Dads' Association on Dec. 3.

There has been a turnover of \$875 to date, with \$205 currently working and \$95 available for loan. Over thirty loans have been made through funds given by the Dads' Association and administered by the Bureau of Loans and Scholarships.

Among those present were Carlton Cronin, president; L. W. Bathke, Henry Getchell, the Rev. Wilbur Korfhage '23BSAg, '55BSEd, Norman Nelson '28BA, '31MB, '32MD, John E. Peterson '48BBA, Lee Primus, Al Markert '55BSEd, Martin Snoko '37BSEd, '55PhD, Ernie Stiefel, E. G. Williamson, dean of students; Gordon Starr '41BSEd, '49MA and Ray Chisholm.

The group was informed that Dads have a little over \$350 in the treasury, and that all outstanding bills have been paid. The membership now numbers 240.

President Cronin reported that the changeover of sponsorship from the alumni association to the dean of students' office is working smoothly. He added that the Association leaves alumni sponsorship with regret, but welcomes the op-

Watson Elected New President at Rochester

John Watson '47MD, Rochester, was named president of the Rochester MAA at a recent meeting of the group which featured an address by Pres. J. L. Morrill.

Nominated for vice president was Lucille Gottry '26BSEd and for secretary-treasurer, Sylvia Halbala '46-BA(HE).

The meeting, held in the Kahler hotel with some 85 attending, was presided over by Chuck Withers '49BA, president. Heading the committee to nominate a slate of officers was Bud Garnaas '47BA.

ExSecy Ed Haislet accompanied the president to Rochester.

portunity to come under the Dean's Office.

A nominating committee of new officers was appointed by President Cronin. It includes Norman Nelson, Al Markert, Art Moulton, Ex-Secy Ed Haislet and Dean Williamson. They will meet and make a report at the next board meeting.

Gordon Starr, speaker of the evening, talked on the operation of the University unions, including student participation, costs and financing. The unions are self-sustaining.

A report on the Dads' luncheon was given by Norman Nelson, who reported that there were 400 in attendance and outlined the program as conducted.

The group was informed that the Glee Club jackets had been delivered and the total bill came to \$1106. Some ways of raising money were discussed, and a sample letter was read which would solicit from all Freshman Dads. Additional fees would be used for a number of projects, including the Emergency Loan fund and the Glee Club jacket fund.

The next meeting of the board will be Jan. 14.

Midthune Serving as Becker County Leader

Dr. A. S. Midthune '46MD, of Lake Park, Minn., has been elected president of the Becker County chapter of the Minnesota Alumni Association.

Other officers elected are Dr. John Rutledge '19MD, vice president; John Mason '48BBA, secretary-treasurer; and George Oja '46BSEd, Steve Fligelman, Carl Randolph '42BBA and Ralph Anderson '50BA, directors.

GOPHER GRAD



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IT Invites Faculty to Feb. 5 Meet

Robert Hoel '43BAeroE '47MS, president of the alumni organization of the institute of technology, announced that institute faculty members will be guests at a dinner meeting on Feb. 5.

The meeting, which has been deemed a successful means of rekindling ties, will be planned by a committee whose chairmen are Richard Hammel '44BArch, St. Paul, and Paul Salo '32BSCE, Mpls. Tentatively, the dinner will be held in Coffman union.

Plans for the annual affair were crystallized at a board meeting held Dec. 2 in Coffman union. Presiding was Hoel, who welcomed the new members and briefly outlined the role of the alumni group in the institute of technology affairs.

In a report on the Oct. 4 annual meeting, members expressed the view that next year's meeting should perhaps come later in the year to give institute students more of an opportunity to participate in the over-all program.

Tentative date for next year's conference was set as Dec. 5, 1958, and one of the suggestions for next year's panel was a discussion on graduate engineering training.

Chisholm to Depart For Burma Mission

Ray Chisholm, ass't secretary of the MAA, will depart for Burma early in January to train Burmese boxers for the Tokyo Asian games.

Chisholm, a former boxer and ex-president of National Intercollegiate Boxing Coaches' Ass'n., was invited to the Southeast Asian post by the U.S. Department of State. He will be on leave of absence for two months.

According to Chisholm, the Asian games are much like the Pan American ones which are designed to produce top amateur boxers in the Americas. Chisholm said, however, that he "presumed the Asian boxers were looking forward to competition in the 1960 Olympics in Rome."

Wilkerson Heads Business Alums

Hartwell H. Wilkerson '28BS, replaced past president Orem O. Robbins '36BBA as president of the alumni association, school of business administration, at a meeting held Dec. 12.

Elected vice president was Kenneth Glaser '42BBA. Robert J. Nelson '39BBA will serve as secretary-treasurer.

Three new board members were elected to replace Catherine J. Crowe '26BS, Walter Franz '31BBA and Robbins, whose terms expired last year. The new board members are Walter S. Carpenter '46BBA, Roberta J. Nelson '39BBA and Waldo Hardell '26BSB.

About 70 alumni and guests attended the Fourth Alumni Institute held on Nov. 22, Ass't Secretary Ray Chisholm reported.

J. Putnam O'Grady '47BBA was chairman for the afternoon session. A discussion, *He Who Has Ears*, was presented by Dr. Ralph G. Nichols, chairman of the University department of rhetoric. Marvin D. Dunnette '48BChE, '51MA, '54PhD and Guy Shelley, personnel executive for Minnesota Mining and Manufacturing Co., gave a discussion on "Leadership and Human Relations."

Orem O. Robbins '36BBA, former

president, presided as chairman at the 6:15 p.m. institute dinner. Richard L. Kozelka '31PhD, spoke for the school of business, and those attending heard an address by J. Cameron Thomson, chairman of the board of Northwestern Bancorporation.

Cedar Rapids Votes

R. Bettin President

Roger E. Bettin '50BEE, Cedar Rapids, was elected president of the Cedar Rapids MAA at a meeting attended by 72 on the eve of the Minnesota-Iowa game.

Bettin will serve with Art H. Leary '47-'48, vice president, and Merrill T. Ludvigson '49BEE, secretary-treasurer, both of Cedar Rapids.

The Gopher unit in Iowa elects officers for a two-year term.

Mr. and Mrs. Dance Club Now in Full Swing

Alumni group swings and sways for the third year. The Mr. and Mrs. Dance Club started with a group of alumni of Acacia Fraternity, other twin alumni and their friends. The club meets quarterly at Coffman union, dances to the live music of Jerry Dibble's Band and brushes up on the latest dance steps with Al Wicklund.

New officers for 1958: John Catterson, president; Jean McIver, vice president; Kent Powers, treasurer, and Robert Green, secretary.

Alumni interested in forming a dance club can write or call ExSecy Ed Haislet for details.

Fisherman's Wharf Fest

The Northern California MAA held its annual meeting at Fisherman's Wharf in San Francisco, Dec. 14.

As in the past, the dinner meeting was the occasion of the first showing of official motion pictures of the 1957 Minnesota football season highlights.

GOPHER GRAD

On the Campus

3,000 Expected for Farm-Home Doings

Some 3,000 town and country people in the Gopher state are expected to converge on the University's Institute of Agriculture when it opens its doors for the 1958 Farm and Home Week Jan. 14-17, accord-

ing to J. O. Christianson, director of agricultural short courses and general chairman for the event.

Every phase of agriculture in Minnesota and a variety of household topics will be covered.

Two Russian Heart Doctors Study Here

Two Russian heart specialists have arrived in Minneapolis to observe heart surgery and study heart research methods at University Hospitals.

The specialists, both women, Dr. Zoia Dorofeeva and Dr. Nina Zhdanova, have been observing heart studies in Boston. During their visit here they will observe research work at the Laboratory of Physiological Hygiene.

Last year, Dr. Ancel Keys, director of the laboratory, and Dr. Paul Dudley White of Boston, visited Russian heart research centers. The visit of the Russian doctors is in the nature of an exchange.

Dr. Keys was in Crete and Southern Italy with a team of researchers, including Dr. White, since last September.

Retired Prof Registry

The establishment of The Retired Professors Registry was announced today by Dr. Theodore A. Distler, executive director of the Association of American Colleges, and Dr. Robert K. Carr, general secretary of the American Association of University Professors.

The Registry will establish and administer a national register of retired college and university faculty members who would like academic appointments in institutions other than those from which they retired.

This project, which received a grant from the Ford Foundation, is an effort to meet the need for qualified academic personnel created by mounting student enrollments. The Registry will establish contact between retired professors who wish to teach and institutions interested in their services. The sponsoring Associations believe that the Registry will help meet shortages.

The Retired Professors Registry will be located at 1785 Massachusetts Avenue, N.W., Washington 6, D.C. Information and forms may be obtained after January 1, 1958.



U of M Enrollment Fourth in Nation

The University, with 25,825 full-time students, ranks fourth in the nation in full-time enrollment according to a survey reported in Cincinnati.

The three largest schools are University of California, 42,549 full-time students; College of the City of New York, 28,058; State University of New York, 27,258.

Five Western conference universities and Texas were the next largest, after Minnesota: Michigan, 23,171; Illinois, 22,002; Texas, 20,587; Wisconsin, 20,578; Ohio State, 20,433, and Michigan State, 16,658.

With California unreported, the four largest schools in total students were College of the City of New York, 68,466; State University of New York, 38,969; New York university, 38,506, and University of Minnesota, 35,800.

Campus 'Robert E. Lee' Around the Bend!

The Minnesota Statehood Centennial Commission has formally approved the allocation of \$25,000 to the University for the purpose of obtaining a stern-wheeler riverboat.

The stern-wheeler will be used as a showboat during Centennial summer.

At the same time, the Centennial Commission named Don Finlayson, Coffman Union program director, to head a statewide Centennial Youth Committee.

An allocation of \$10,000 for a Centennial Conference on College Teaching was also made by the commission. The conference on higher education is to be held at the University April 17 to 19.

Miller Publishing Award

The first Harvey E. Yantis Memorial Scholarship in agricultural journalism has been awarded to Gerald L. Thorne, Minneapolis, senior.

Profs Join State H. S. Survey Group

Four University staff members have been appointed to a committee to examine science and mathematics teaching in Minnesota high schools, the Minnesota State Board of Education announced recently.

It is hoped that a fifth University staff member, Dr. Owen Wangenstein, professor of surgery, also will accept appointment when he returns from a trip to Australia and New Zealand after Christmas, the board reported.

The four are Alfred O. C. Nier, professor and chairman of physics; Gerhard K. Kalisch, associate professor of mathematics; Gordon M. A. Mork, associate professor of education; Palmer O. Johnson, professor of education.

The committee is the first to be appointed to examine teaching of various fields of knowledge in Minnesota high schools. Appointments were made in cooperation with the Minnesota Academy of Sciences.

Concerns of the committee may include matters discussed by the State Board of Education recently.

'U' Honors Sen. Mullin — Loyal Friend'

The major spokesman for the University in Minnesota legislative affairs for the past decade received the first Regents' Award in mid-December.

Former State Senator Gerald T. Mullin has been honored for "devoted and selfless service" to the University and the people of Minnesota.

"Mullin has been an extremely loyal friend and supporter of the University — one of the most highly effective in my time," said University Business Vice President William T. Middlebrook.

"There is no question that his support and influence while he was chairman of the Senate University

R. Jones to Succeed Journalism's Casey

Robert L. Jones, professor of journalism, will succeed Professor Ralph D. Casey as director of the School of Journalism effective July 1, according to an announcement by the Board of Regents.

Professor Casey, who has headed the school since 1930, will retire from the University faculty next June.

Selection of Jones as Casey's successor was recommended by a special University faculty committee appointed by Dean E. W. McDiarmid of the college of science, literature and the arts.

Professor Jones, 36, was born in Halstead, Kansas. He holds a bachelor's degree in journalism from the University of Wichita. He received his master of arts and doctor of philosophy degrees from the University of Minnesota in 1947 and 1951 respectively.

While an undergraduate at the University of Wichita, Jones served as editor of the college paper and held membership on the board of publications there.

Committee has helped the University to its physical facilities and its higher level of instruction," he added. "As chairman of the University committee he was the most influential person in the Senate in selecting the Regents, and I might mention that we now have a fine Board of Regents."

Mullin said yesterday the University is great because the people of Minnesota want it great.

"And this has been true since 1851," he said. "While it has been my duty to represent the University, there is no question that the feelings of the people and cooperation of the legislators have been the reasons for progress."

Distance Man Bud Edelen

A 20-year-old Minnesota pace setter, who took top honors in Big Ten cross-country competition earlier this year, says that finishing fourth in the Nov. 25 NCAA meet was "by far my biggest thrill."

Bud Edelen, an SLA junior who will captain the Gopher cross-country team next year, was the first Big Ten runner to cross the finish line. "I was right up with the leaders for the first mile or so," says Edelen. "Then I dropped to seventh. I started to put on a kick at the last half, but it wasn't enough. I just couldn't catch up with them.

"The caliber of the competition was tremendous. I beat some runners I have high regard for, and it was a big thrill to come that close to the top three winners."

Max Truex, former Olympic runner from USC, won the race with a record-breaking time of 19:12.3. Edelen, who ran the race with a fine time of 19:44, passed Crawford Kennedy of Michigan State who was fifth right at the finish line to edge out Kennedy by just a half-second.

By smashing the University of Minnesota two mile record in placing fifth in the 1956 NCAA as a sophomore, he has already established himself as the school's greatest distance runner of all time.

Challenging Olympics runners is no new experience for Edelen. At the Iowa University meet held before the NCAA conference, he beat out Deacon Jones of Iowa, who represented this country in last year's Olympics steeple chase.

The youthful Gopher runner says that cross country can be a grueling experience. "I get so tired I want to die," he says, "but I've



Bud Edelen

"Fourth place—biggest thrill . . ."

never quit yet. Quitting might set a precedent."

"I know exactly the way I'm going to feel in a race," he continues. "In a big meet, either the competition will carry you along, or you go ahead and set the pace. You start out running hard—you have to stay with the leaders if you're going to do anything. After the first half-mile the runners get fatigued, and the pace eases for a mile or so and then picks up again.

Edelen agrees with Glen Cunningham, former University of Kansas racing great, that timing is important. "It gets so you're a clock yourself, with variations of only a second or so. And when the race starts, you know that 19 or so minutes later you'll be back at the finish line again."

Now taking his first break from racing in over a year, Edelen says he will be running both the mile and two-mile this year, "if my feet

can take it." Keeping him busy will be the indoor and outdoor track seasons and the cross country.

The Minnesota champion began his track career while attending high school in St. Louis Park.

Then Edelen's family moved to Sioux Falls, S.D. He won the state's cross country during his senior year and set records in every mile run from local through regional and state competition. "I guess I still hold the record of 4.28, set in 1955," he says.

A history major, he attends school on a partial scholarship. Edelen says he decided to come to the University because he knew and had a lot of respect for Coach Jim Kelly.

Although he considers himself fortunate to have done so well last year, Edelen says he probably will not reach his peak until about age 26. "Maybe there'll be some opportunities in the service," he says. "I'll be out of school by then.

"I think I've improved a hundred per cent since I came to college—thanks to Mr. Kelly.

"I've never run a really bad race, and I think it's due to the program Kelly sets up. We start out easy early in the season, and the competition progressively gets stiffer."

What are the Gopher runner's plans for the future? He would like to continue running, and admits he has an eye on the Olympics.

"You can put a lot of 'ifs' in there," he says. "So much can happen between then and now. And while you may be a great runner throughout the year, the important thing is to be able to put out that one day at the Olympic trials.

"Sometimes it isn't easy."

Student Leaders Blast 'Aid-Need' Athletics

The Big Ten Conference aid-on-the-basis-of-need plan for athletes bore the brunt of criticism at a recent conference of Big Ten student body presidents.

Eight Big Ten student body presidents, meeting at Michigan State University over the Thanksgiving holiday, discussed the aid plan and recommended that "inequalities" be eliminated.

In a nearly unanimous decision, the body recommended that "Big Ten faculty representatives revoke or amend the present financial aid plan so as not to restrict 'full-cost' scholarships to need cases only, and that local cost factors should be a consideration in determining the amount of the scholarship."

Jim Osterhus, IT senior and All-University Congress president, was the only dissenter.

"Presumably an athletic scholarship is given to a student to enable him to complete his education and participate in athletics," Osterhus said recently.

According to Osterhus, if financial need does exist, the plan is justified, but "the student's own resources should be utilized too."

Asked why the other Big Ten presidents favored removing the "need" basis from full-cost scholarships, Osterhus said he thought that "they tended to emphasize the contribution that athletes make to intercollegiate athletics."

'Giant' Youso Drafted

Frank Youso, 250-pound Minnesota tackle, has been drafted by the New York Giants of the National Football League.

Youso was the second selection of the defending pro champions in the first four rounds of the annual draft conducted here.

Youso's friend and teammate, Bobby Cox, was drafted a year ago by Los Angeles.

JANUARY, 1958

Bierman Namesake '58 Captain

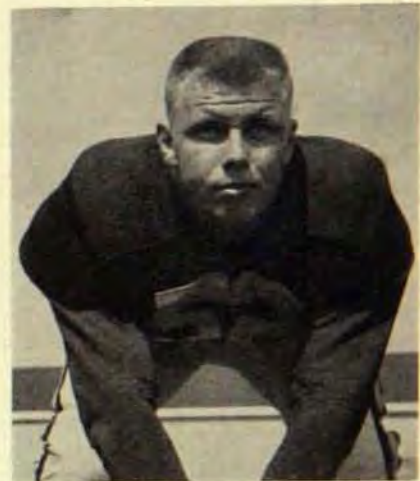
A husky electrical engineering student, named after Bernie Bierman by his father who played on the *Grey Eagle's* 1936 team, has been elected 1958 Minnesota football captain.

Bernard (Mike) Svendsen, son of Earl (Bud) Svendsen, '37BSEd '41MEd, has been chosen to succeed Jon Jelacic who captained one of the most controversial Gopher squads in recent years.

Svendsen, a center, follows a long line of center captains such as Warren Beson '45-'48, Dean Maas '54-'55, Clayton Tonnemaker '46-'49, and Steve Silianoff '46-'47.

He will be the fourth Svendsen to play for Minnesota since not only his dad preceded him, but also his uncle George '36BSEd '42MEd and his grandfather, George, Sr. '08EE.

The new captain started his football career at the dinner table when his dad was coaching at Lafayette college, played as center as well as on defense at Roosevelt high and lettered during his past two seasons at the University.



Bernard Svendsen

Pucksters, Cagers Outdo Alumni

The Varsity hockey team snowed under an Alumni team that was billed as "the best ever assembled in Gopher history," recently at Williams Arena, 14 to 5.

The Alumni squad managed to score three goals in the first period, and twice in the second period before, as reporter Dave Nelson of the *Minnesota Daily* said, "running out of gas."

The famed Campbell-Mayasich-Dougherty line never got started as the Varsity hounded them tenaciously and backchecked with equal vigor.

The alumni lost to the varsity basketball squad in a 77-70 game which marked the Gophers' third appearance of the season.

Among alumni opponents were Dick Garmaker, Chuck Mencil, Ed Kalafat and Jed Dommeyer, all top point getters while on the regular Gopher squad. (The four accounted for more than 5,000 points during varsity play.)

Up to press time, the cagers, captained by George Kline, have defeated SMU, 66-52, and Iowa State, 67-66.

'No Time for Amateurs--' Hockey's Cal Marvin

America will never send its best team to the World Hockey Championship Tourneys, according to Cal Marvin, coach of the U.S. National Hockey team which lost to the Gophers, 6-2.

America will continue to send the best players available, he said, but some of the finest hockey stars will stay at home for the simple reason of not being able to afford the year layoff from their jobs.

In countries like Canada, Marvin said, players can often earn up to 150 dollars a week. "Compare this with the 10 dollars a day expense money that our boys get and it's quite a difference," he added.

Around and About With Alumni

'01

Malcolm G. Wyer '01ML, librarian emeritus of the Denver Public Library, was honored last year when the new Denver Public Library was opened. The auditorium of the library was named after him. Mr. Wyer, now retired, served the Library for 25 years.

'07

Dr. Moses L. Strathern '07MD, was recently presented with a 50 year certificate from the Minnesota State Medical Association. He resides in Gilbert, Minn.

'13

Dr. Louis H. Roddis '13MD, of San Diego, Calif., was presented the Outstanding Achievement Award of the University last June. Roddis is the author of a recent book, *The Indian Wars of Minnesota*.

'15

C. W. Niemi '15BA, has been made superintendent of the Extaca Agglomerating Plant in Virginia, Minn. He has been with the company since 1952.

'16

Dr. Paul E. Klopsteg '16PhD, was recently named for the presidency of the American Association for the Advancement of Science. He is now associate director of the National Science foundation at Washington, D.C.

Lucile Quinlan '16MA, was honored at a tea for executive secretaries of county welfare boards. Miss Quinlan, staff department supervisor for the Minnesota development of public welfare for more than 25 years, retired this fall to teach undergraduate classes in social work at St. Catherine's college in St. Paul.

'17

Dr. Elinar C. Andreassen '17MD, retired in Nov. as director of veterans administration area medical office at Fort Snelling. He served at Fort Snelling since 1946, when he became medical director of the agency's former branch office.

'19

Mrs. Earl M. Schroeder '19BA, retired a year ago from the Detroit Public School System.

'20

Ray M. Amberg '20PhM, director of University hospitals, was named president-elect of the American Hospital association at its national meeting last October. Mr. Amberg has been head of the hospitals since 1935.

'22

Herry E. Nelson Jr. '22Ext., has been named traffic manager of Doughboy Industries Inc., of New Richmond, Wis.

Earl M. Almquist '19-'22, labor-management editor of the St. Paul Dispatch

and Pioneer Press, is the new editor of the Minnesota Union Advocate.

'23

Prof. George A. Thiel '23PhD, chairman of the University of Minnesota geology and mineralogy department, has been named outstanding geology teacher of 1957 by the Association of Geology Teachers. He received the 1957 Neil Miner Teaching Award last Nov. A member of the University staff since 1920, Thiel has been department chairman since 1944.

Gerda Mortensen '23BS, was honored by Augsburg college last June when a new women's dormitory was named for her. Miss Mortensen has served as Augsburg dean of women since 1923.

'24

Dr. Frederick F. Kumm '24MD, recently retired as city doctor of St. Petersburg, Fla. He held the position 21 years.

Frederick R. Kappel '24 BSEE, president of Western Electric Co., was recently elevated to the presidency of the American Telephone & Telegraph Co. Kappel headed Western Electric A. T. & T. manufacturing subsidiary, since Jan. 1954. The University gave him its Outstanding Achievement Award in 1954.

'26

Isaac Mervyn Webber '26MS, of Portland, Ore., received an honorary degree at the Bowdoin College commencement exercises in Brunswick, Maine.

'27

Francis Munger '27BA, was presented with a Superior Service Award Medal by Secretary of Agriculture Benson in Washington D.C. last May. Munger is an entomologist with the U.S. Department of Agriculture, Agricultural Research Service, in Whittier, Calif.

Dr. Walter H. Dumke '27BS, became chairman last year of the Colorado School of Mines chemistry department's newly-formed Executive committee. Dumke has been at the Colorado School of Mines since 1937.

'28

Dr. O. B. Jesness '28PhD, retiring head of the University of Minnesota's department of agricultural economics, was honored by the Minnesota Bankers association last year at its annual dinner.

'29

J. W. Cook '29BSEd, is currently principal of the Calcutta Bible College in Calcutta, India.

George V. Kieffer '29BA, formerly manager of automotive transportation for Pillsbury Mills, Inc., has been named director of the fleet section of General Motors at Detroit, Mich.

Dr. A. C. Hilding '29PhD, received an honorary Doctor of Science degree from Gustavus Adolphus College in June.

He is currently employed at the Research Laboratory at St. Luke's Hospital in Duluth, Minn.

'31

John M. Hummel '31BBA, is now Systems Division Manager at the Friden Calculating Machine Agency in Denver, Colo.

Col. Norman W. Anderson '29BS, '30MB, '31MD recently left Ft. Leavenworth, Kansas, to assume command of the 2d General Hospital in Landstuhl, Germany.

Commanding officer of the U.S. Army hospital and post surgeon at Ft. Leavenworth, he was awarded the Commendation Ribbon and cited for outstanding meritorious achievement and service while at the post.



N. W. Anderson

'33

Chester F. Sines '33BME, has advanced to GS-13 status as a supervisory naval architect in the assistant industrial manager's office in Seattle.

Hermann Richard Muelder '33PhD, is new professor of history, director of general education and dean of Knox College at Galesburg, Ill. He has been on the faculty since 1934.

'34

Alonzo J. Vrooman '34BME, has been appointed chief of a newly-formed Applications Engineering Branch at the U.S. Army Engineer Research and Development Laboratories, Fort Belvoir, Va.

'35

Prof. Charles C. Winding '35 PhD, has been named director of Cornell's School of Chemical and Metallurgical Engineering. He will be the school's Herbert Fisk Johnson professor of industrial engineering, and will be in charge of the Geer Laboratory for rubber and plastics.

'36

Dr. Waldemar C. Rasmussen '36PhD, a member of the staff of the Mayo clinic from 1942 to 1955, has become a consultant in neurology to the Colorado Springs Medical center. Dr. Rasmussen has been an instructor at the Mayo Foundation, University of Minnesota, since 1943.

Army Reserve Maj. Philip M. Anderson '36BBA, is now employed by the Robertson Lumber Co. in Minneapolis.

John H. Dow '31-'36, has been appointed assistant manager of American Steel and Wire division's St. Paul district sales office.

'37

Dr. Bennett Ellefson '37PhD, received a Distinguished Alumnus Award from St. Olaf college last June. He is vice-president of Sylvania Electric Products Co. in New York, and was recently elected to the board of the new firm formed by Corning Glass and Sylvania.

'38

Marvin LeVoor '35-'38, Minneapolis patrolman has been officially cited three times for his courtesy to motorists and pedestrians in the city.

Frank G. Kalin '38BS, is currently director of vocational and adult education in the Mankato, Minn. public schools.

'39

Frederick A. Wuori '39BBA, has been appointed to the faculty as assistant professor of business and economics at UMD.

Harry J. Rougier '39MS, has returned to the University of Dayton staff as assistant professor of English. He taught English and education there from 1939 to 1944.

William E. McGuigan '39Ext, was recently named an associate member of St. Paul architectural and engineering firm Haarstick Lundgren and Associates Inc.

'40

Josephine Lutz Rollins '40MA, an associate professor of art at the University, has recently completed a tour of five countries in Europe. She painted there and gave exhibitions of her work.

Carl Roger Freberg '40MS, 40ME, has been appointed visiting professor and acting head of the mechanical engineering department in the University of Southern California School of Engineering. He was formerly associate director of the Borg-Warner Research Center, Des Plaines, Ill.

Otto Silha '40BA, vice president and business manager of the Minneapolis Star and Tribune, has been named the new chairman of the Minnesota Business Development Advisory commission by Gov. Orville Freeman.

'41

Dr. Erhard J. Prill '41PhD, has been promoted to section leader in the research department of Monsanto Chemical Company's Research and Engineering Division at Dayton, Ohio. He has been serving as a group leader there since 1954.

Theodore B. Peterson '41BA, will head one of the newly formed instructional units in the College of Journalism and Communications at the University of Il-

linois. Prof. Peterson will administer the division of journalism.

Dr. Henrik J. Svien '41MS, received a Distinguished Alumnus Award from St. Olaf college last June. Dr. Svien is now a staff neurosurgeon at the Mayo Clinic in Rochester, Minn.

Neil D. Rankine '41BBA, has been appointed director of public relations for Sears, Roebuck and Co's Eastern Territory, headquarters in Philadelphia. He has been regional director of public relations in Minneapolis for the company since July 1954.

Gerhard M. Brauer '41BChemE, has recently worked on a study as an Air Force guest worker at the National Bureau of Standards' dental research laboratory.

Dr. Winston Oberg '41BBA, has been appointed associate professor of general business and the Continuing Education Service at Michigan State University. He was formerly the personnel assistant for the Esso Research and Engineering Co., Linden, N.J.

Herman Guttman '41BArch, has been named a partner of Victor Gruen and Associates. He was the resident architect who supervised architectural work at Edina's Southdale Shopping center, and has been with Gruen since 1946.

SPECIAL REPORT

Mr. JOHN B. COOK NEW YORK LIFE AGENT
at LANSING, MICHIGAN

BORN: April 5, 1927.

EDUCATION: Michigan State College, B.A., 1951.

MILITARY: U.S. Navy, South Pacific Area 1944-5.

PREVIOUS EMPLOYMENT: Salesman, national manufacturer of consumer and industrial products.



REMARKS: Former industrial salesman John B. Cook joined New York Life's Lansing, Michigan, Office on September 1, 1952. In the little more than 5 years since then, this young Navy veteran's impressive sales record has qualified him for the Top Club — an honorary organization of sales leaders from the Company's field force of more than 7,000 representatives. In 1957 John Cook, for the second consecutive year, received the National Quality Award from the National Association of Life Underwriters. Truly an excellent record and one which is a good indication of John B. Cook's future success potential with the Company he represents.

Note

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University
of
Minnesota

Correspondence Study
Department
Minneapolis 14

Col. Erling J. Foss '41EE, was recently appointed Chief of Staff, U.S. Army Signal Training Center, Fort Gordon, Ga.

Allen Crawford '41BBA, '41BChE, has been named an engineering associate by the Esso Research and Engineering Co., Linden, N.J. Mr. Crawford was a consultant to the company and an assistant professor at Rutgers before he joined Esso Research last year.

'42

Dr. Robert S. Marvin '42MS, has completed a paper on "Direct Measurement of Dynamic Bulk Modulus" for the U.S. Department of Commerce National Bureau of Standards.

'43

Ralph G. Nichols '37-'43, professor of rhetoric and head of a communications program at the University, recently published his book, "Are You Listening." Dr. Nichols is president of the Iowa State Speech Association, presi-

dent of the Minnesota State Speech Teachers Association, president of the National Society for the Study of Communication, assistant editor of the Quarterly Journal of Speech and chairman of the National Committee on Listening Comprehension.

Christian S. Rondestvedt '43BChem, formerly assistant professor of chemistry at the University of Michigan, is now a research chemistry with DuPont's organic chemicals research division at the experimental station in Wilmington, Delaware.

Sue S. Kelley '43BBA, has joined the staff at the University of California's new college of letters and science as director of student placement and employment interviewer. She was formerly recreation supervisor for the U.S. Air Force overseas for two years.

Betty W. Washburn '43LLB, Municipal Judge, was chairman of the 1957 Friendship day drive in Minneapolis for retarded children in Nov.

Sixth Army Honors Col. John Derrick



Lt. Gen. Robert N. Young, left, Sixth Army Commander, presents a Sixth Army Certificate of Achievement to retiring Col. John H. Derrick '25LLB, as Mrs. Derrick '24-'25 looks on. Col. Derrick, who has been the Sixth Army's Staff Judge Advocate, had completed thirty-eight years of active and reserve service prior to his retirement in Oct. Col. and Mrs. Derrick, who have been living in Presidio of San Francisco, Calif., Headquarters Sixth Army, plan to return to Minneapolis, where Col. Derrick will resume the practice of law with the Minneapolis firm of Quealy and Nunan.

GOPHER GRAD

'45

Mrs. Lillian L. Wilson '45BA, has joined the production coordination department of Monsanto Chemical Company's plastics division at Texas City, Texas. She was employed by the University of Houston computing center at Houston, Texas prior to accepting her new position.

'47

Hugh W. Morris '47BBA, has been named Billings agency manager for Bankers Life Co., Des Moines, Iowa.

Dr. Eugene V. Meyerding '45BS, '47MD, has been elected a member of the United States section of the International College of Surgeons.

Ben Paris, Jr. '47AA, has been appointed assistant executive director of the Better Business Bureau of Minneapolis. He will also continue to act as head of the bureau's merchandising division, a position he has held since joining the bureau two years ago.

'49

Kenneth Erickson '49BBA, was recently promoted to assistant cashier of the First National Bank, Minneapolis, Minn.

Robert L. Mann '49PhD, has been appointed research associate in the Eli Lilly and Co. research organization, Indianapolis 6, Indiana. Joining Lilly as a biochemist in 1949, Mann has made major contributions to research on hygromycin, a new antibiotic, and hygromycin B, a new antibiotic with anthelmintic properties.

D. Bruce Bright '49BS, of Berkeley, Calif., is currently employed as a chemist in the plastics and resins department of the Shell Development Company's research center at Emeryville, Calif.

Claude L. C. Thompson '49BMEchE, has been named production engineer, Perlite, for the United States Gypsum Co., Chicago, Ill.

William B. Lahiff '49BA, is currently an assistant cashier in the trust department of the First National Bank, Mpls.

'50

John Villas '50BBA, executive assistant of the Northwestern Bell Telephone Co., Mpls. is representing his company by delivering lectures throughout the state on scientific developments.

John W. Danielson '47BA, '50MHA, assumed his new duties as administrator of Evanston Hospital, Evanston, Ill. in July. Prior to accepting his new position, he was administrator for three years at North Shore hospital in Manhasset, N.Y.

'54

Kenneth Schoen '54BA, a part-time counselor and club supervisor at the St. Paul YMCA, has been added to the staff of the Youth Conservation commission in St. Paul and Hibbing.

'55

Second Lt. Robert Schwarzler '55BS, was graduated in Nov. from the Army

primary flight training course at Camp Gary, Texas.

Adelaida P. Bellin '55MA, is currently an assistant principal of Rizal, Bureau of Public Schools in Manila. The former Fulbright Grant, University scholarship student, recorded some of her impressions of her stay in America and at the University of Minnesota in the July issue of the United States Information Service "News Bulletin."

'56

Second Lt. William A. Krueger '56BBA, graduated number one in a class of 96 student officers from the Ordnance Company four-month officer's course at Aberdeen Proving Ground, Md. in Oct.

Donald J. Hagen '56BA, has been named an assistant engineer in the crushing machinery section of Allis-Chalmers processing machinery department. He recently completed Allis-Chalmers training course for graduate engineers at Milwaukee, Wis.

Harry Herder Jr. '56BSEd, has been appointed a member of the science department at Shattuck School, Faribault, Minn.

M. L. Whitaker '56BME, formerly a petroleum engineer in the states, has accepted a position working in petroleum production engineering for the Phillips Petroleum Co., San Rogue, Venezuela.

James O. Koller '56BA graduated this summer from the Navy's Officer Candidate School of the Naval Station, Newport, R.I., and was commissioned Ensign, USNR, in July.

Dr. William F. Lehman '56MS, '56PhD is currently in charge of the University of California Imperial Valley Field Station near El Centro. He recently guided the construction of what is possibly the first plastic greenhouse in Imperial Valley, to speed up the development of a new aphid-resistant variety of alfalfa for that area.

Byron W. Engen '56MechE recently graduated from the U.S. Navy's Officer Candidate School, Newport, R.I.

Robert H. Majerus '56LLB recently graduated from the U.S. Navy's Officer Candidate School, Newport, R.I.

Richard T. Firtko '56BBA has completed six months of active duty with the Army and is now a sales trainer in the Data Processing Division of IBM, St. Paul Office. His wife is the former Mary Lil Moberg '56BSEd.

'57

Dr. Walden L. Heino '53BS, '57PhD, recently joined the research division of Du Pont's electrochemicals department at the Niagara Falls laboratory.

John J. Clark '57PhD, has accepted a position as pathologist in the biological research division of the Upjohn Co., Kalamazoo, Mich.

Diane D. Chappell '57BA, is among the 51 first-year students at The Woman's Medical College of Pennsylvania.

Selected as Science Contest Judge

Dr. Raymond V. Bowers '34PhD, Air Force research scientist, has been selected for the second year as one of three judges for the American Association for the Advancement of Science (AAAS) annual Socio-Psychological prize of one thousand dollars.

The prize is intended to encourage studies and analyses of social behavior based on assumption which leads to conclusions which may be validly tested.

Dr. Bowers is chief of the social science programs division of the Air Force personnel and training research center at Lackland Air Force Base, Texas. He is past president of the District of Columbia Sociological Society, a member of Phi Beta Kappa, the Sociological Research Association, the American Association for the Advancement of Science, the Society for Applied Anthropology and the American Association of University Professors.



Dr. R. Bowers

'37 Grad Appointed Elgin Vice President

S. D. Moorman '37BBA has been named vice-president of Elgin National Watch Co. in charge of watch marketing.

After spending a year in accountancy with General Electric Co., he joined Schick, Inc. as sales representative in Chicago. In 1947 he was



S. D. Moorman

named vice-president in charge of sales and advertising for the electric razor manufacturers, and since 1954 he has been president of Electric Razor Specialties, Inc., Darien, Conn.

Alumni publish studies in medicine, of people

The Mechanisms of Healing in Human Wounds, by Shattuck W. Hartwell, '23BS '25MB '26MD (Bannerstone House), Springfield, Ill. and appearing simultaneously in England through Blackwell Scientific Publications, Oxford, and in Canada through Ryerson Press, Toronto.

This book, part of the American Lecture Series, is a correlation of the clinical and tissue factors involved in the healing of human wounds.

For the past 25 years, the author has practiced surgery with an intimate knowledge of what was really happening cell-wise and fiber-wise. A pioneer in describing the different types of healing, he published the first study of the healing processes (1926 to 1929).

Dr. Hartwell lives and practices in Muskegon, Michigan.

Your World and Mine (Essays on Human Relations), by Halbert L. Dunn, '22MD '23PhD, Exposition Press, Inc., N.Y., 1956, \$3.00.

A wealth of personal and professional experience has gone into this 94-page "do-it-yourself kit" for achieving inner peace, contentment and successful living. Dr. Dunn, writing with keen perception, directs his work as much to the individual as to administrators and supervisors who seek to weld an organization which will work at maximum efficiency.

The basic counsel is the not-a-bit-dimmed-by-age Socratic concept of "Know Thyself." Second, he points out the immense necessity of recognizing and accepting the truth. Third, he makes a strong argument for the necessity of keeping an open mind.

The combination of these factors in practice, he maintains, will facilitate adjustment of an individ-

ual to himself, to his family, to his job, to his organization and to his world.

He also details a constructive philosophy of social organization for civilized man based upon man's creative genius and a process of day-to-day adjustment.

The easy-to-read, sometime almost poetic book is dedicated to the late Dr. Richard E. Scammon, 1883-1952, professor of anatomy from 1911 and dean of Medical Sciences from 1931-35.

Dr. Dunn, a statistician and public health administrator, is Chief, National Office of Vital Statistics, U.S. Public Health Service, Washington.

One Man's Life With Barley, by Harry V. Harlan '14DSC, Exposition Press Inc., N.Y., 1957, \$6.00.

Harry V. Harlan was one of the most widely-known and best-liked

scientists in his field when he died in 1944 in Phoenix, Arizona. Now the fruits of his knowledge and his personality are contained in his first and only book. *One Man's Life With Barley* might well be titled *One Man's Life with People in Many Lands*.

Harlan was born in London Mills, Illinois, in 1882 of Quaker ancestry (the original American member of his family went to Pennsylvania with William Penn) and attended Kansas State University and the University of Minnesota. From 1905 to 1908 he worked in the Philippine Islands and in 1913-14 toured Peru to study agricultural possibilities. After World War I, he surveyed food conditions

in Central Europe and the Balkans for the U.S. Grain Corporation and American Relief, and in 1923 he traveled in Europe, North Africa, Abyssinia and India, searching for materials to be used in the improvement of barley in this country. In charge of barley investigations in the Bureau of Plant Industry for many years, he was still engaged in this work at the time of his death. A list of fifty-five of his papers comprise a standard guide and reference on barley.

Here is a book that is both instructive and entertaining and, more than that, one that makes you wish that you had had the privilege of knowing its author as a friend.

The Occupation of Enemy Territory, by Gerhard von Glahn, University of Minnesota Press, Mpls., 1957.

Through an extensive, personal acquaintance with the problems and practices of occupation in belligerent countries, UMD political science professor von Glahn offers a unique commentary on the law and practice under occupation conditions.

The work was completed under two grants in aid from the University's Graduate school.

The UMD political affairs expert drew heavily upon his World War II experience as a specialist in civil affairs work in Germany.

From mid-February, 1944, to the summer of 1946, he was engaged in a number of duties that brought him into intimate association with military government and belligerent occupation.

Von Glahn joined the Duluth State Teachers college faculty in 1941 and resumed his faculty position with the rank of associate professor of political science in June, 1947.



Harry Harlan

Grads Before 1900

Dr. George E. Senkler '92MD, of St. Paul, in February, 1956.

William A. Smith '90-'92, president of the First Security State bank of St. Paul, in Oct.

Josephine Tilden, 88, '95BS, former University of Minnesota professor of botany, at Golden Bough, Florida, on May 15. A prominent figure in the study of algae from the time of her entry into the field of botany at the University in 1896, she retired in 1938.

Julia Newton '03BA, state home demonstration leader at the University for about 30 years, at her home in Moorhead on Oct. 22.

Dr. George Thomas '01BL, '04MD, who served for 20 years on the faculty of the University medical school, in Minneapolis, from a heart condition.

Thomas Willoughby '05LLB at his home in Lafayette, Calif., on Oct. 25. He was a vice president of the First National Bank, Mpls., until 1923 when he moved to San Francisco to become president of the Jamieson-Towle-Willoughby concern.

Alice Eva Thompson, 74, '06BA, retired teacher at Willmar, Minn., in Minneapolis on Sept. 24.

Jacob Wilk '07BA, retired eastern story editor for Warner Brothers motion picture studio, in New York. Formerly a drama critic for the Minneapolis Tribune, he was active as a literary broker after his retirement from Warner Brothers until the time of his death.

Willis I. Norton '06BA, '07LLB, long-time state legislative leader and more recently general vice president of Investors Diversified Services, Inc., in Abbott hospital, Minneapolis.

Dr. Emily Schons '08BA, retired head of the department of modern languages at Olivet college, Olivet, Mich., in Austin, Texas, on Nov. 15 following a long illness.

Elsie Surtjer Williams '11BSED in LaGrange, Ill., in June while enroute home to Branchport, N.Y., after spending a winter in Glendale, Calif.

Junius D. Edwards '12BSChem, '13-ChemE, a former research scientist for the Aluminum Co. of America, in August while vacationing in Highland, N.C. During his career in research, he was granted 27 patents in the light metals field, and

was widely known for his books and papers.

Thomas Vancura '13FS, of New Prague, Minn.

Dr. J. P. Werrick '13DDS, a past president of the Minneapolis District Dental Society and a Minneapolis dentist 41 years, in Nov. Dr. Werrick was regional chairman of procurement and assignment of dentists for the federal government during World War II.

William Edwards Brewster '12BSE, '13EE, a member of the advertising department staff for the Christian Science Monitor since 1923, at his home in Newton, Mass., in April.

Ernest L. Larson '14EM, of Portland, Ore., in January of this year of a coronary thrombosis.

Waldorf Louis Ganssle '15LLB at Salina, Kansas on Feb. 22, 1956.

Robert James Scofield '15BAEd, '27MA, of Los Angeles, Calif.

Paul R. McMiller '15MS, of Minneapolis, in February of last year.

Mrs. Herbert P. Jacobson '16BA, of Minneapolis, in June of last year.

George Vernon Butler '16DDS on Sept. 18, 1956.

Henry Kuhmeyer '17BA, of River Forest, Ill., in March, 1956.

Harold W. Johnston '18LLB, of Portland, Oregon, in June, 1956.

John D. Dodson '18PhD, a year ago.

Margaret Mary Newell '21BSEd, teacher at West High School, Minneapolis, in April.

Dr. Carl E. Anderson '21BS, '22MB, '23MD, 63, physician and surgeon, at the Minnesota State Hospital, Moose Lake, where he was resident physician. He held the title of senior surgeon with the United States Public Health Service.

Otto C. Person '24BSArchE, 56, retired army colonel, while on vacation in Waterville, Maine. Former chief engineer at Schuett-Meier Co., St. Paul, he served after 1940 as post engineer at several air bases in the United States, Korea and Japan, retiring in 1956.

Dr. John Herbert Beaumont, 63, '25-PhD, outstanding Hawaiian Island horticulturist and educator, in July after being hospitalized for several weeks. Chairman of the horticulture department of the College of Agriculture at the University of Hawaii, he had been senior horticulturist at the Hawaii Agricultural Ex-

periment Station since 1950. In 1951, he was awarded the Gold Medal for Outstanding Achievement in Agricultural Search by the University of Minnesota. Dr. Beaumont was author of many scientific publications.

Robert James Scofield '15BAEd, '27-MA, of Los Angeles, Calif.

John O'Donnell '28LLB, Ramsey county court commissioner since 1938, in Nov.

S. Atwood Cranston '29LLB, a Minneapolis attorney, last summer.

Dr. Detlof Johnson '26BS, '28MB, '29MD, former St. Paul city physician, in August after a long illness.

Dr. H. J. Wolff '27BS, '29MB, '30MD, '33PhD, associate professor of internal medicine at the University of Minnesota and president-elect of the Minnesota Pathologic society, in Miller hospital following an illness of two weeks.

Dr. S. F. Rogers '31BS, '31MB, '32MD, staff member for Midway, Riverview and Mounds Park hospitals, St. Paul, in Oct.

Dr. Louis Powell, 53, '24BS, '33PhD, director of the Science Museum of the St. Paul Institute for 26 years, of a cardiac condition at Miller hospital in Nov. A nationally-known paleontologist, he was a pioneer in mass education for young people in the field of natural history.

Lloyd Louis Hanson '40BSAg, of cancer last October.

Mrs. Jane Smith '46BSEd, of Minneapolis, in September of last year.

Richard Duane Palon '53BA, on June 19, 1956 in a jet crash at Hampton, Va.

Mrs. Viola Thompson, 49, '52BSEd, '54MA, Hennepin county superintendent of schools, of a cerebral hemorrhage in Sept. Long active in civic education projects for both children and adults, she was one of 18 Minnesota delegates chosen for the 1955 White House Conference on education. As superintendent, she had charge of all ungraded elementary schools in the county, was responsible for hiring teachers, and was charged with maintaining records on pupil census, attendance, finances and the like for all Hennepin county schools, including Minneapolis.

David A. Nelson '55, airman second class in the air force, recently. Mr. Nelson, of Minneapolis, entered the service in December, 1955.

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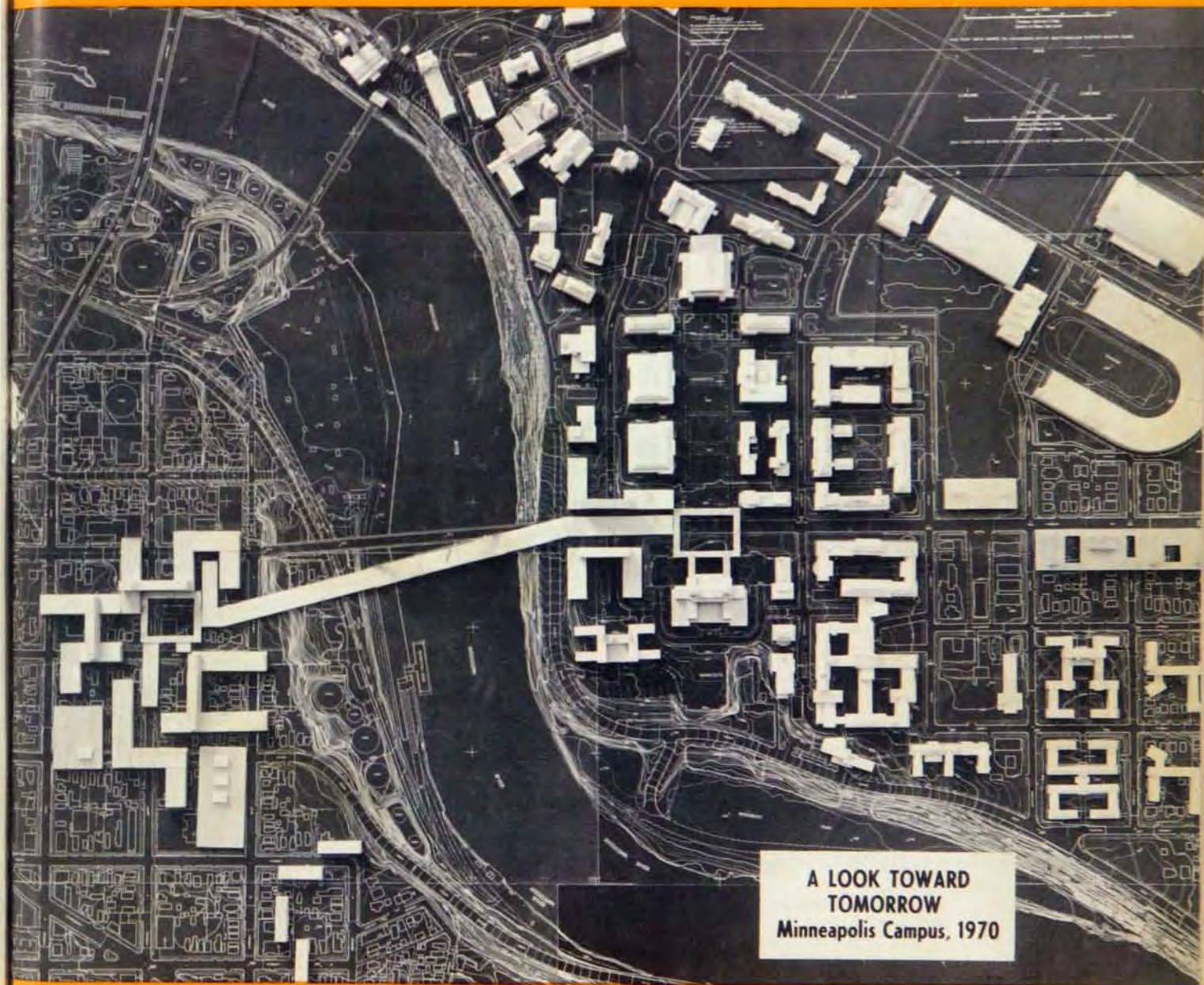
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'U' EXPANSION
ISSUE



A LOOK TOWARD
TOMORROW
Minneapolis Campus, 1970

GOPHER GRAD

FEBRUARY, 1958

GOPHER GRAD

(Our 57th Year)

Continuing the Minnesota Alumni Weekly which was established in 1901, and the Minnesota Alumni Voice. 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. 57 February, 1958 No. 5

JUANITA PACIFICO OPSTEIN '47BA *Editor*
EDWIN L. HAISLET '31BSEd *Managing Editor*

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Honorary Life Association Members: Dr. J. L. Morrill, President of the University; Gerald T. Mullin, retired state senator (35th district).

Entered as second class matter at the post office in Minneapolis, Minn. under Act of Congress of March 3, 1879. Annual dues of the Association are \$4 of which \$3 constitutes a year's subscription to the Gopher Grad. Subscription for non-alumni: \$4 per year. National advertising representative: American Magazines Group, 22 Washington Square N., New York 11, N.Y.; phone GRamercy 5-2039.

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DEPARTMENTS

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Cover Story

This is what the Minneapolis campus could look like twelve years from now - if the new plan for expansion of the University becomes a reality. Guiding the thinking of the Board of Regents, Pres. J. L. Morrill and thirteen other University administrators (or their representatives) were two inexorable facts: that University enrollments of the future will continue to spiral upward and that preparing for this influx of students is not a job to be completed overnight. Thus, this long range plan - capsuled, for the observer, into a three-dimensional model placed on a blueprint of the Minneapolis campus area. Notice the bridge which reaches from the heart of one campus area to the other. For the bridge and for all other proposals, nothing is decided - nothing is certain. But, these plans are a start. From them will evolve the University, 1970.



Views of authors appearing in Gopher Grad in no way reflect the opinions of the MAA or the Gopher Grad.

'U' EXPANSION: New Giant Step
Is Designed for 19,000 Students

Expansion Plan
Still Unsettled,
Says Williamson

**'West River' - Outline of Expansion's
University 1970: Expansion's
ipus**

Boldly, Realistically

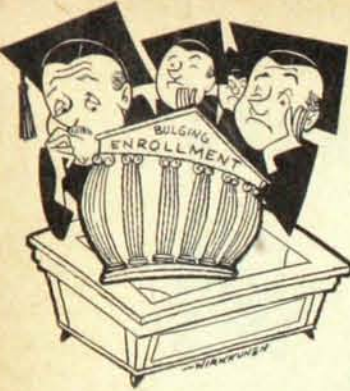
the University has met the challenge of the demanding era of education which will bring, to the three campuses, 47,000 students by 1970. With 38,000 of these students expected on the Minneapolis campus alone, the Board of Regents was pressed into finding a means of expanding the present Minneapolis site — and the result is a spectacular plan, realistically conceived, of crossing the Mississippi river. For the story, turn the page.

**Center of 'U' Expansion
Campus Necessitates Unity**

Farm Campus Under New Plan

**13 Buildings Planned Student Expansion Group
Asks for United University**

The University's Expansion Plans



UNIVERSITY MEETS FUTURE'S CHALLENGE

By
Juanita Pacifico Opstein
 Editor

A 12-year blueprint to prepare the Minneapolis and St. Paul campuses by 1970 for an expected 42,000 students will be presented to the Legislative Interim Building Commission on Feb. 7 and 8.

The blueprint is part of a get-ready program for the coming college education era which is expected to include 4.5 million Americans by 1970. By this date, also, the University is expected to have 47,000 students—38,600 in Minneapolis, 3,587 in St. Paul and approximately 5,000 in Duluth.

Pres. J. L. Morrill and members of his staff disclosed the development plan for Minneapolis and St. Paul in a year's end conference attended by more than 30 representatives of the state press. Participants in the expansion planning included 13 of the University's ablest administrators who formed a committee under the chairmanship of Academic Vice President M. M. Willey.

The complexity of what has been called the "most daring" expansion plan in the University's history can be contrasted to its simple purpose: *extension of the present University to make facilities available for an ever-rising number of students wishing a four-year degree or graduate studies.*

For the far-reaching changes now in prospect, Morrill said plans ap-

proved by the University regents call for:

- increasing the building space used for instruction and research by up to 77 percent on the Minneapolis campus;
- reorganizing and reassigning present building space occupied by major divisions;
- spanning the Mississippi with a double-deck bridge;
- building five 12-story 'skyscrapers';
- providing the agriculture campus in St. Paul with 13 new buildings spread over an area larger than the present instruction area.

Instruction on the west side of the river, according to present plans, would involve both upper and lower division students and graduate students so that a "stimulating intellectual environment" can be maintained.

The faculty of this 'environment' (east and west) is expected to total 10,000 by 1970.

When the Building Commission gets the report, a view of 1970—exciting to all who take pride in their University—will unfold: a campus touching both banks of the Mississippi, a modern covered Washington avenue bridge and instructional buildings that reach to the skies.

"To alumni, the changes may, at

first, seem very great—even drastic," said Pres. Morrill. "No one could have imagined, 20 years ago, what the situation would be like in 1970. Nor can we know precisely what it *will* be like. There will continue to be changes and new circumstances."

Morrill traced the steady growth of the University, pointing out that in 1900, the University had fewer students than we have staff today.

As early as 1946 (in the first veterans' bulge), the rising enrollment had necessitated what many alumni referred to as "defacing" the campus through construction of wooden class and service buildings. Known as "TS's" and "TN's" (temporary south of—" or "temporary north of—"), the barracks-type structures mushroomed all over the lawns, frequently rubbing their wooden sides up against an Ionic pillar. In another instance, lack of space compelled placement of a new and permanent structure on the knoll.

Morrill said such measures "were the only expedient things at that time." He added:

"Now, and in the future, even expedient measures will not solve

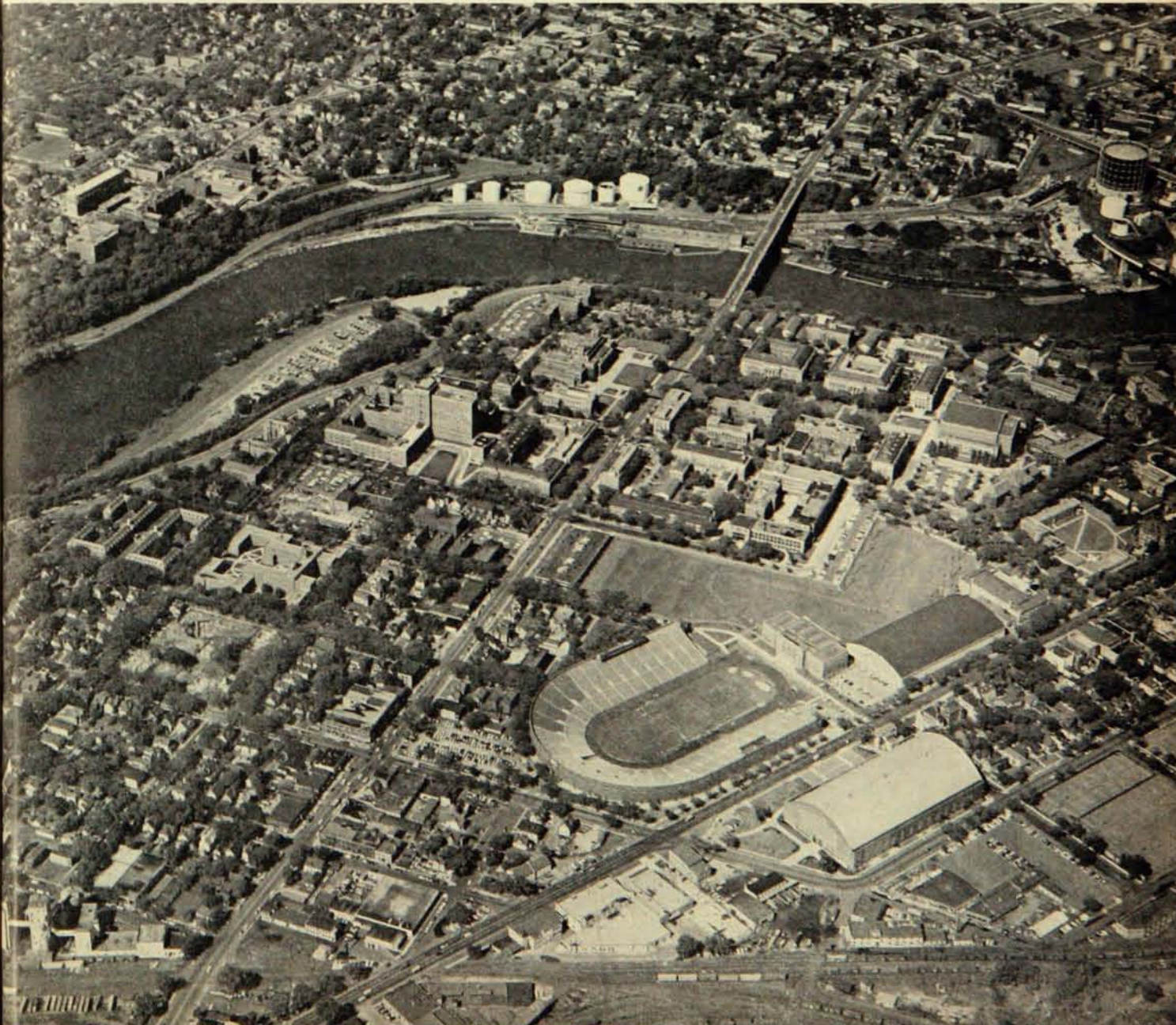
Aerial photo (opposite page) of Minneapolis campus (looking east to west) leads eye right into center of new expansion area which will be in the vicinity of the six white round structures to the left of bridge.

GOPHER GRAD

Plans call for expanding
 building space
 77% for study, research



James Lewis Morrill
 University President



Alumni in Bridge Plans



Working closely with University planners on the proposed bridge are (left to right) Loyal Zimmerman, '16, commissioner for the state highway department; Hugo Erickson '28BSCE, Mpls. city engineer; and Arnett Leslie '10-'11, president of the Mpls. planning commission. Sketch of proposed bridge (below) is by Jack Geretz.

the Mpls. campus problems. It is the obligation and responsibility of those of us here now—even though we won't be here in 1970—to take the situation as we find it and make the soundest long range plan we can."

As bold as the planning for this situation may appear, the program is based on the conservative estimates of the reports from the Governor's Committee on Higher Education (released in Feb. 1957). The Committee estimated that 90,000 Minnesotans may be in college by 1970 compared to the 50,000 in all Minnesota colleges today.

The report indicated further that, of the 50,000 students in all Minnesota colleges, 51 percent are studying at the University.

Land Needs

Prominent in the University's planning for the next dozen years is its development across the Mississippi into the West River Area—directly opposite the main portion of today's Minneapolis campus. The 1957 Legislature appropriated \$1,500,000 to buy land in that area for University expansion needs. About seven and one-half city

blocks (17 acres) are now being purchased as the nucleus of this growth area.

The decision to expand across the river was based on studies showing that this was the closest and least expensive land available.

This land—bounded by Washington avenue S., Nineteenth avenue S., Fourth street and the river itself—has enabled the University to step boldly toward the challenge of massive future enrollments. According to present plans:

The student load would be divided equally between the two sides of the river with student seats or laboratory stations to accommodate at least 19,000 on each side;

New buildings would be constructed on either side of the river not only to sprawl on the ground for maximum student safety but also to rise into the air for use as 1,000 offices for 3,000 faculty and staff members;

The new center of the campus would be the bridge across the river—a unique mall.

Before the expanded campus can be completed, the total space requirements for 1970 may add up to

44½ acres for instruction areas; five each for residence halls and physical education, and 50 for parking.

University officials, faced with the reorganization of present building space to get maximum value for each square inch, are welcoming the opportunity to build in a new area.

Advisory Architect Winston Close '27BSArch pointed out that more economy as well as efficiency is possible when one does not have to adapt existing structures to needs they were never intended to fill. Supporting this was the planning committee's report that "electronic aspects of education as well as visual aids can be provided much more cheaply in a new structure." In addition, the committee reported that the student's chair requires less space than research areas.

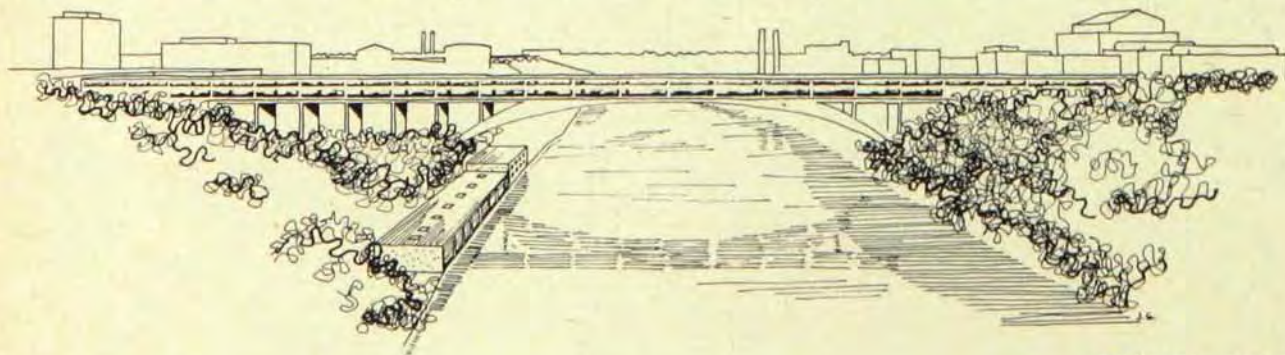
Morrill, calling the space for research operations an "anxious assignment," explained that universities are "now embarking on types of training and kinds of research that were virtually unknown prior to World War II."

He listed the need for training space to instruct nuclear engineers and computer people as examples, and added:

"By separating research areas from student stations, we can concentrate conventional student instruction into a smaller area."

Building Needs

Buildings in the West River Area would be devoted primarily to classrooms of varying sizes and to faculty offices. Classrooms to hold up to 100 students will be constructed in the walk-up, four-story buildings which will have wide corridors and adequate staircases for easy movement of students. To minimize traffic, the ground level





Left to right: Regents Gainey, Malkerson, Skyberg; Business Vice Pres. Middlebrook; and Academic Vice Pres. Willey; Pres. Morrill; Regents Quinlivan, Lawson, Olson, Mayo, Howard, Griggs.—(Minneapolis Star photo)

would have a group of detached rooms to house 250 to 500 or up to 1,000 students.

The 'skyscraper' portion of the building—fifth floor and up—will be accessible by elevators to convey faculty and service personnel to their offices.

While the major portion of specialized laboratory facilities would be concentrated on the east side of the river, some instructional laboratory space would be included in the new development. In addition, some dormitories might be built on the margins.

The concept for the future campus presents other problems as well, according to the Willey report. Still to be studied are such things as how to meet new library needs, particularly to serve the social sciences and the humanities; how to provide for necessary lounge and recreational facilities such as those which will be across the river in Coffman union; how to place eat-

ing facilities—all under one roof or dispersed throughout the various classroom buildings; how to provide for parking areas.

One suggestion for parking also should provide a buffer zone between the campus and the commercial activity of Cedar avenue. This is a proposal that parking lots form a belt around the west river development.

Those taking the bus to the new campus area in 1970 (or possibly before) may find a bus station in the lower half of the bridge connecting the east and west riverbanks. A similar underground station would be located in front of Coffman union.

The Bridge

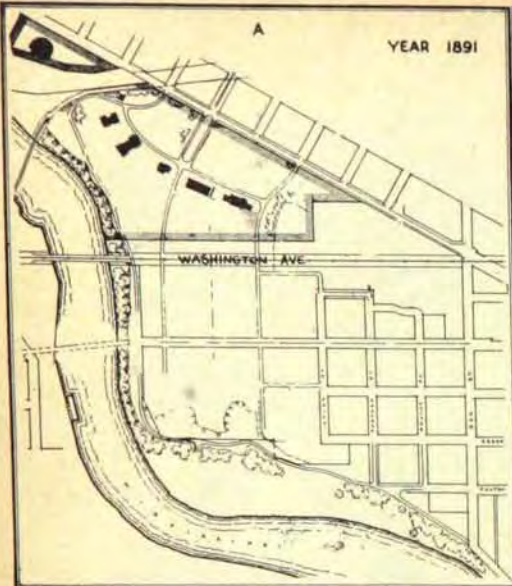
The alumnus returning to campus at the end of this 12-year program undoubtedly will rub his eyes like the storied Rip Van Winkle. But, for all the spectacular changes, the one which captures his imagi-

nation the most may well be the *new bridge built for education.*

The bridge, unifying the two campus areas, is designed to be a University mall over the waters of the Mississippi. It is a projected, two-level structure with pedestrian traffic on the upper level. Not only will the new bridge cross the river into the area of the new campus but it will also extend to the mall of the present campus between Coffman union and Northrop.

On the level below the pedestrian walkways will be from four to six lanes for automobile traffic. The top level of the bridge will be enclosed and thus protected from the sharp winds that whip persons crossing the present Washington avenue bridge.

While details have not yet been developed, one idea was for inclusion of classrooms on the bridge itself after the manner of small shops of Florence, Italy's *Ponte Vecchio* which spans the River Arno.



YEAR 1891



YEAR 1921



YEAR 1949

From Knoll to Mall to Bridge in 80 years: Campus maps (1891-1949) show that, in '91, the Mpls. campus had five buildings, two on either side of Eddy Hall and all five clustered around knoll, near University avenue and 14th street S.E. By 1921, knoll was still center of activities but already there was move to extend campus out toward Washington avenue along both sides of area which is now mall. (That year, the campus had 28 buildings). Shortly after 1931, University planners began to realize growing school could not be contained between knoll (and University avenue) on one side and river flats on the other. At this point, the University began to move ever

Architect Close said the new bridge "may be the first of its kind anywhere."

Business vice president William T. Middlebrook, on the other hand, said his primary concern was that the bridge be *utilitarian*.

Both believe that a moving sidewalk is a logical solution to the problem of getting students from one part of the campus to the other in the 10 minutes existing between classes.

Working closely with University planners on the bridge are Com-

missioner L. P. Zimmerman '16, the State Highway Department, Hugo Erickson '28BSCE, Mpls. city engineer and Arnett Leslie '10-'11, president of the Mpls. planning commission.

The schedule for building the bridge will be guided by the rate of construction in the West River Area. The University, with 1½ million dollars appropriated by the 1957 Legislature, already has arranged to buy some of the land across the river. Wrecking crews are to begin clearing this area next

building across Washington avenue in the area earlier expected to be an extension of the mall. In 1949, the mall was still center of activity but it was becoming evident that total campus area hugging curve of river would not be adequate for increasing enrollment. Site planners then began to look across the river for possible expansion space. When this proposal becomes a reality, the new hub in 1970 will be the "SLA" bridge unifying the heart of the expanded campus east with the new campus west of the Mississippi.

July 1. The Regents intend to ask the lawmakers for building construction funds in 1959. Meanwhile, bridge construction must be timed so that the bridge will be ready as soon as the new buildings are. Some believe this to be during 1961.

Who Goes Where? — West Side

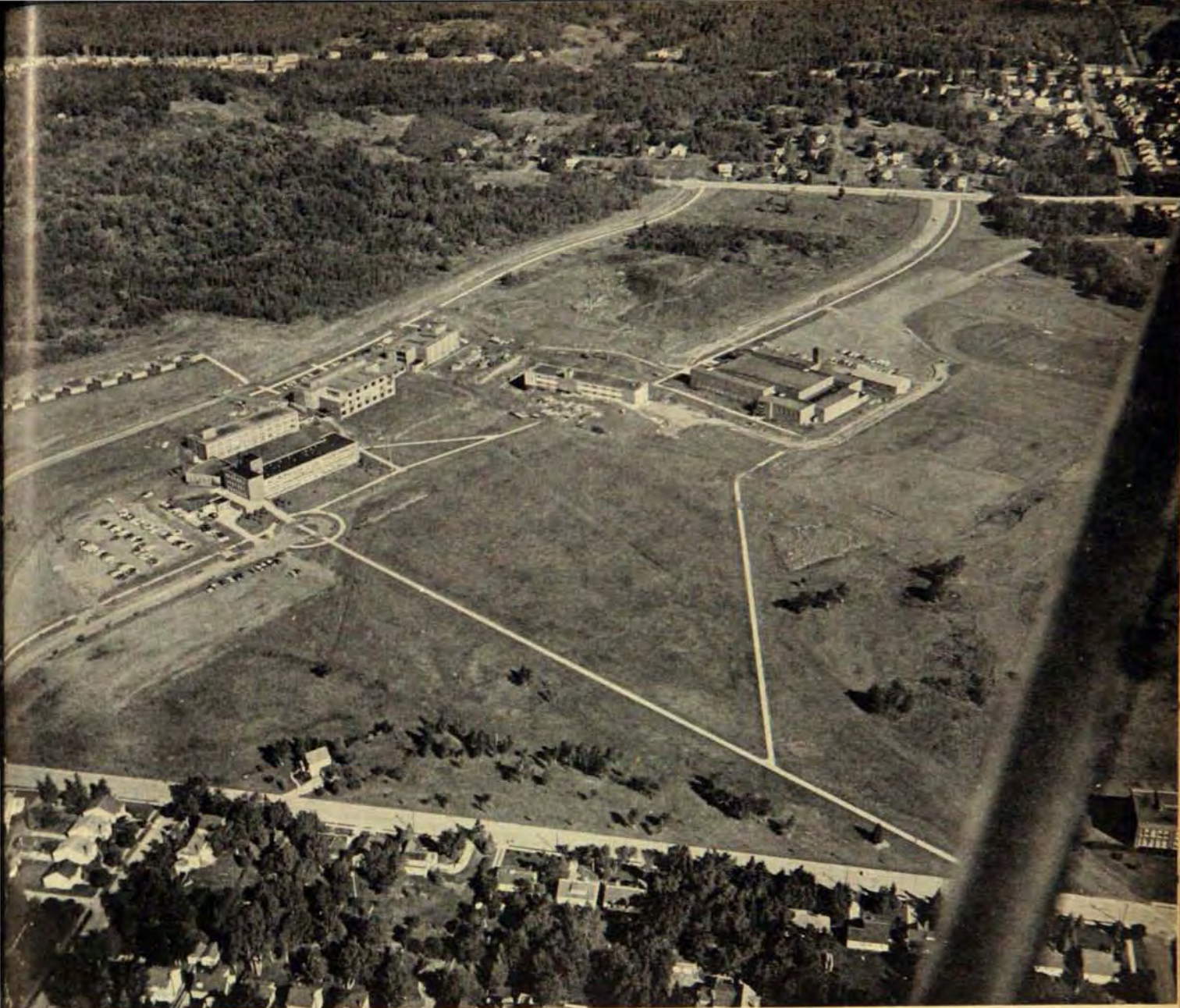
Three colleges of the present campus site — including most of the college of science, literature and the arts — would be moved across the river, according to the recommendation of the staff advisory committee.

Slated for relocation along with SLA are the school of business administration and either the college of education or the general college.

A key factor in the overall planning is the concentration of the now-scattered college of science,

Eddy Hall (left), one of the first five buildings on campus, was built in 1881 and is listed as the oldest of the early buildings which group includes Pillsbury (1889), Pattee (1889) and Nicholson (1891).





literature and the arts in two fairly compact segments on opposite ends of the bridge.

The staff committee recommended that all units of SLA except those which could also serve the institute of technology be moved across the river.

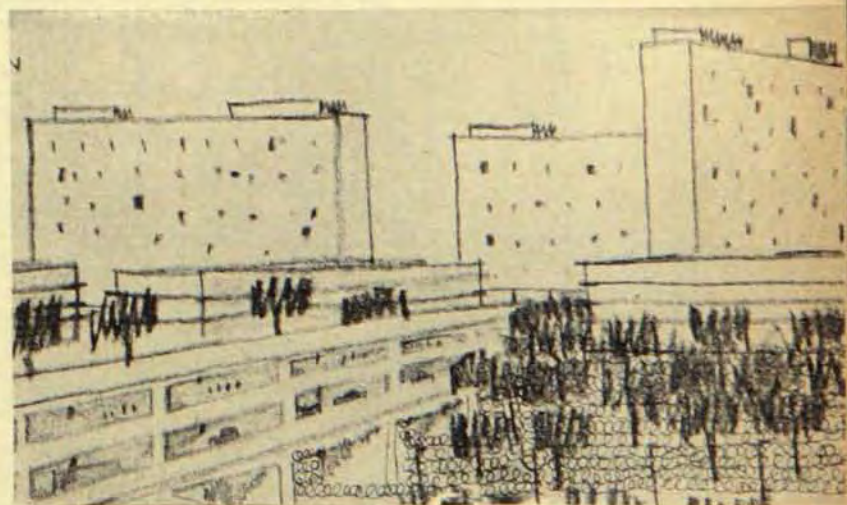
Science classes — astronomy, botany, geology, mathematics and zoology — will stay on the east side. In addition, the library school and music will stay.

The committee, emphasizing "maximum geographic concentration," advised that the bulk of SLA courses be moved in order to:

Utilize the bridge to link the SLA departments on two sides of the

(Continued on page 12)

The aerial photo (above) is of the Duluth campus, viewing the area from Southwest to Northeast. Jack Geretz, assistant advisory architect, sketches his idea of the new campus skyscrapers (below). Five 12-story pylons — huge rectangles of glass and brick similar to New York's U.N. building — are planned.

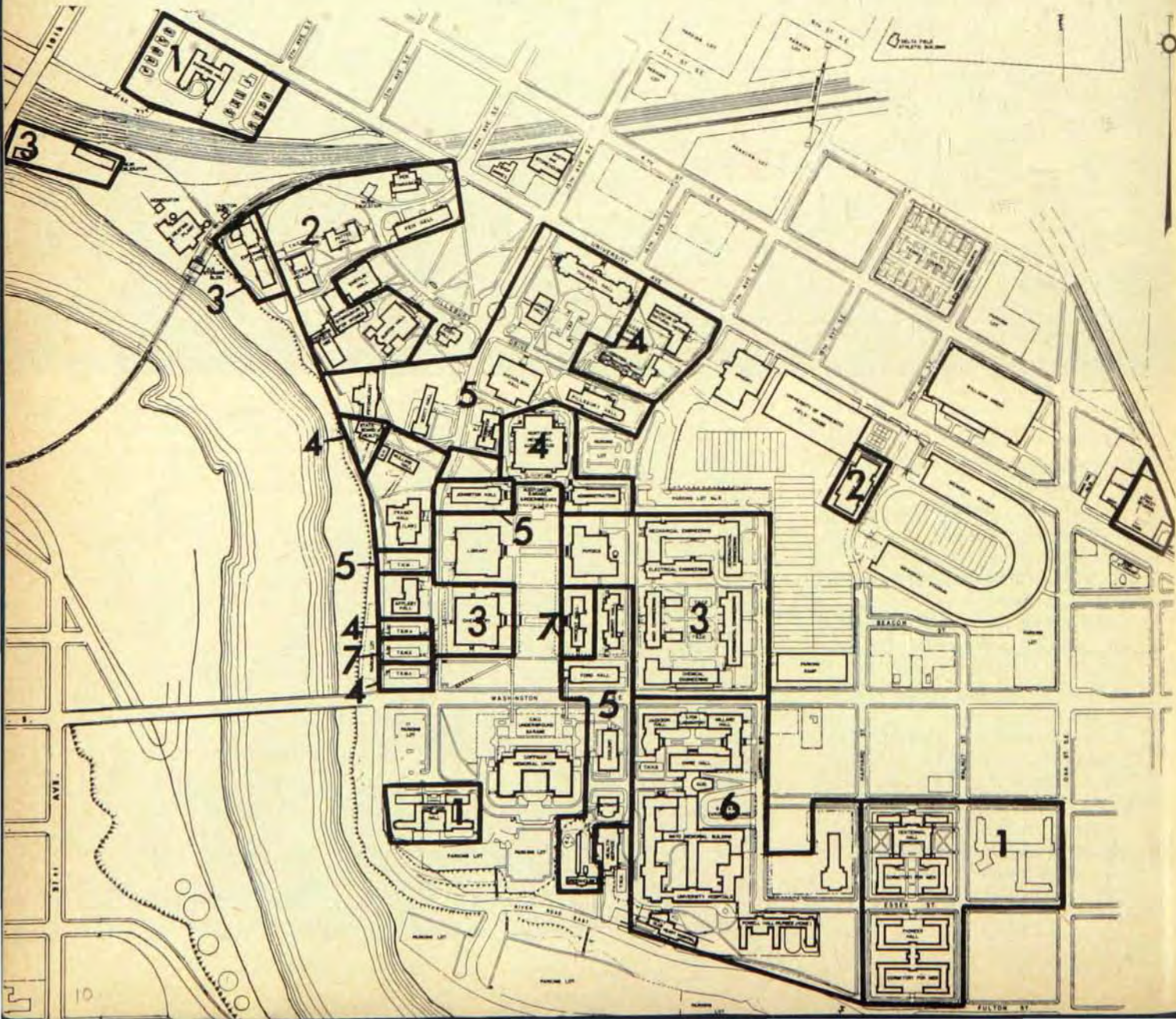


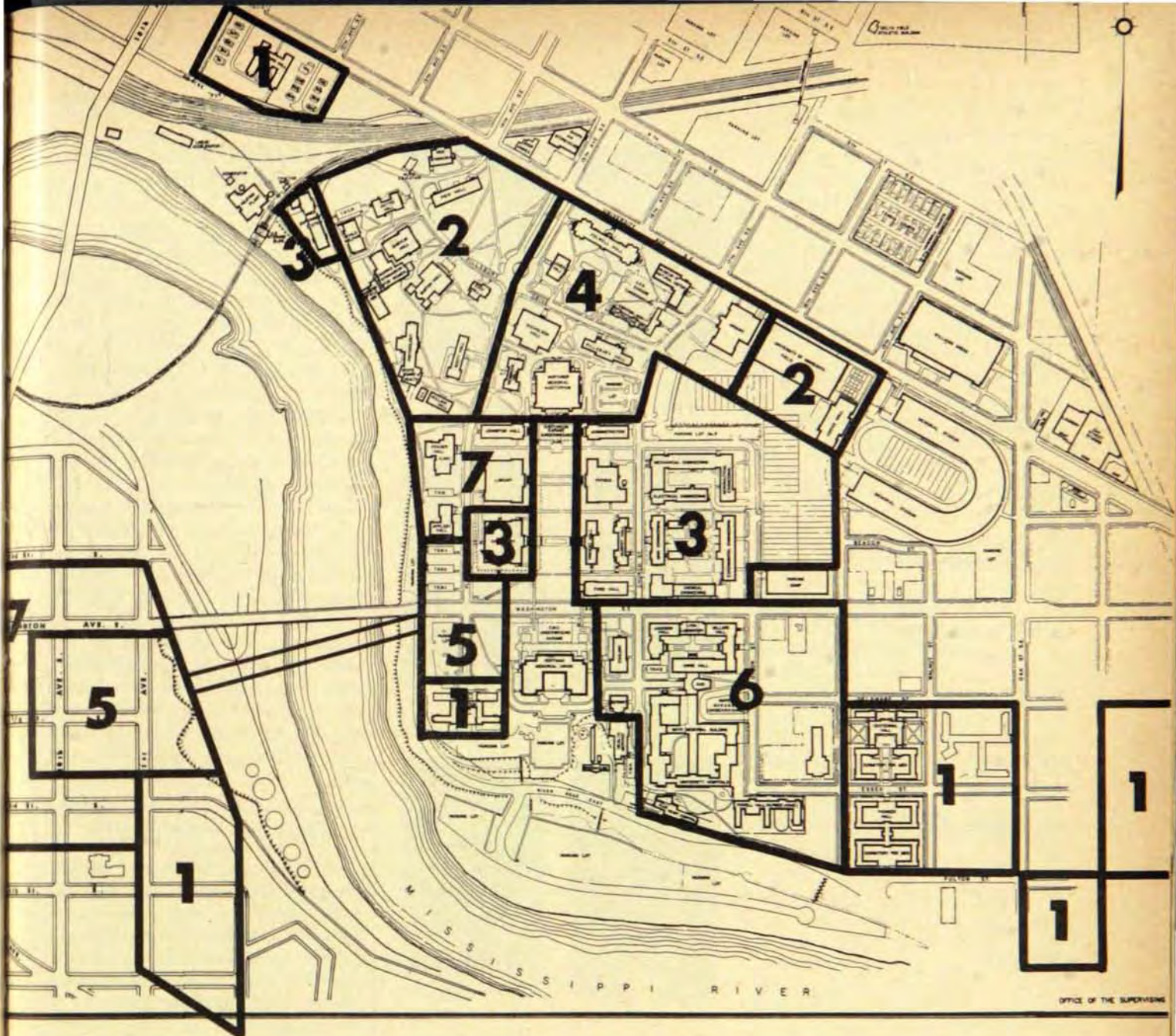


Ford Hall—40 classrooms, 90 offices—built by Regents in 1950 at cost of \$1,250,000. Instructional space needed for future would equal 31 Ford halls—17 in West River Area, 14 in East River Area. Another six halls would be needed for non-instructional purposes and be paid for by University projects.

Minneapolis Campus --- Present Use of Land

Present use of land on the Minneapolis campus is more a matter of expediency than of grouping. The medical science group (6) and the education group (2) now approach the concept of grouping those buildings pertaining to studies of a given college. The campus of the future will be planned to make this college grouping as compact as possible. Present distribution of buildings: 1—housing; 2—college of education; 3—institute of technology; 4—administration and public services; 5—science, literature and the arts; 6—college of medical science; 7—law, pharmacy and others.





Minneapolis Campus --- Proposed Use of Land, 1970

1. Housing projects will fringe the east and west sites.
2. Education (if not moved across the river in place of general college) will expand in its present location, north side of campus.
3. Institute of technology will move westward to the mall, occupying buildings now housing business, administrative offices and some parts of SLA.
4. Administration and public services would be grouped on the north side of the present campus, probably occupying Folwell, Jones and Pillsbury halls. The center for continuation study would remain as it is, possibly with overflow into Nicholson hall across the street.
5. SLA would be grouped on both sides of the bridge, with those units which might serve the sciences on the east.
6. Medical Sciences would continue to develop in growing space two blocks east of Mayo Memorial and Millard hall.
7. On the east side (just above IT), law and pharmacy would form a professional area in their locations just west of the main library; on the west side, (forming a belt around the new campus area) will be parking lots and other service areas.

'U' Planners

On these two pages are pictured the men who gave their time, talent and great hopes to the plan for the University of tomorrow



W. T. Middlebrook
Business V. P.



M. M. Willey
Academic V. P.



Prof. C. G. Wrenn
Senate Ed.
Committee



Dean Blegen
Graduate School



Vernon Ausen
Room Assignments



Prof. Close
Advisory Architect



Dean Cook
Education



Dean Kozelka
School of Business

(Continued from page 9)
river while making the Arts courses available to IT.
Reduce traffic congestion by de-

centralizing the campus unit with the largest enrollment.

Provide for expansion by location in the new campus area.

East Side

On the east side of the river, the institute of technology would expand westward to the mall — occupying buildings now housing the school of business, administrative offices and various units of SLA — as well as into the athletic practice fields to the north and east of present engineering buildings. Substitute athletic practice fields could be provided on Fourth street S.E., just north of Williams arena.

The University's medical sciences group would continue to develop in the growing space, earmarked in the two blocks east of the Mayo Memorial and Millard hall.

The college of education, now housed in various buildings in the vicinity of the knoll, would expand in its present area and into additional space which would become available on the margins of that area as other units shift. (This, of

News for Architects

Winston A. Close, advisory architect who spent so many hours planning new buildings for other colleges to occupy, was informed last week that the Board of Regents had approved a new home for the school of architecture.

The building will also hold engineering classes.

Construction is scheduled to begin June 1.

The new building will occupy the area between the Armory and Aeronautical Engineering, approximately where the football practice field now stands.

Total cost of the project, including both building and field, is estimated at \$77,500. Of this, \$55,000 will come from the University's Land Purchase Budget. The remaining \$22,500, approved by Athletic Director Ike Armstrong, will be taken from the Athletic Fund.

course, would occur if a reconsideration on the part of the advisory committee does not result in moving this college across the river.)

The law school and the college of pharmacy would form a professional area in their locations just west of the main library. Pharmacy will move into Appleby hall, the school of mines building next to law, when construction of the new mines building (already underway) is completed. Graduate school headquarters would remain in Johnston hall adjacent to the library.

Administrative offices of the University and public service activities would be concentrated on the north side of the present campus. The president and his staff may find themselves shuttling back and forth between Folwell, Jones and Pillsbury halls.

The center for continuation study would remain where it is, with overflow into Nicholson hall across the street as a possibility.

All told, additional space to meet the instructional, research and public service needs of the University on the Minneapolis campus for all purposes (excluding dormitories) by 1970 is estimated at approximately 1,867,000 square feet. Among instructional units, the greatest needs for space are seen in the institute of technology and the college of science, literature and the arts.

Needed for the University divisions in the West River Area would be some 850,000 square feet of assignable space—the equivalent of 17 buildings the size of Ford hall, the social sciences building at the corner of Church street and Washington avenue. The east side of the river would need some 700,000 square feet—the equivalent of 14 Ford halls. In addition, non-instructional purposes would require some 317,000 square feet—the equivalent of six Ford halls, this space to be divided between the present campus site and the new area.

From a study showing in what colleges students take their course work, the advisory committee said that, in 1970, student credit hours would be divided almost equally on

Planners... *continued*



Roy Lund
Supervising
Engineer



Dean McDiarmid
SLA



Dean Morse
General College



Assoc.
Dean Vaughan
General College



Dean Summers
Adm. & Records



T. E. Pettengill
Recorder



Dean Spilhaus
IT



E. G. Williamson
Dean of Students

both sides of the river. On the west campus, 49.9 percent of student credit hours will be offered. On the east, 43.6 percent. The committee

also indicated that 75 percent of all student credit hours of the Arts college would be given on the west campus along with 95 percent in the school of business administration and 93 percent in general college (should the latter be included in the move across the river.)

Shape of the Future

The new buildings will be modern in style and "without limitations imposed by the present building pattern on the east campus," said Architect Close. The chief advisory architect, assisted by Jack Geretz '57BArch and Richard Aune '51BArch, has prepared a drawer-full of plans and models which, he says, "call for a decisive change in architectural type."

In all his plans, the bridge becomes the new mall.

He said, "Our present mall is a pleasure in season. The future mall will have a closed circulation system which will make the mall comfortable the year around."

Advisory committee chairman Willey foresaw possibilities of creating for the University and the community "an exciting and stimulating skyline." He added:

"The University may well acquire a visual identity that is as distinctive as it is beautiful."

Serving on the staff advisory committee along with Willey were:

Vernon L. Ausen, supervisor of room assignments; Theodore C. Blegen, dean of the graduate school; Walter W. Cook, dean of the college of education; Winston A. Close, university advisory architect and professor; R. L. Kozelka, dean of the school of business;

Roy V. Lund, supervising engineer; E. W. McDiarmid, dean of the SLA; W. T. Middlebrook, University business vice president; H. T. Morse, dean of general college; A. L. Vaughan, associate dean of general college; Athelstan Spilhaus, dean of the institute of technology;

R. E. Summers, dean of admissions and records; T. E. Pettengill, recorder; E. G. Williamson, dean of students; and C. Gilbert Wrenn, chairman of the university senate committee on education.

Expansion plans for the St. Paul campus—designed to meet the needs of an expected 3,587 students by 1970—are centered around replacing old, obsolete buildings with new ones.

Nearly \$6,400,000 was voted by the 1957 session of the legislature for St. Paul, where enrollment has risen 44 per cent since its low point in 1953.

By 1970, it is expected that more than 20 buildings will have been removed to provide space for new classrooms, laboratories and services.

Eleven of twenty obsolete or temporary buildings to be removed date back to just before and after the turn of the century. The Old Dairy building—more recently used as a student center—and the soils building are among those whose replacements are under construction.

Present proposals also call for the transfer of major farm operations from the St. Paul campus to the Rosemount research center. Animals on the St. Paul campus will be kept exclusively for research.

In reviewing the expansion, Pres. J. L. Morrill said:

"The St. Paul campus, above all other campuses, is for research. These plans are for expansion of research facilities, but they are more than just a 12-year projection."

In addition to needed areas for research, building replacement or construction has been deemed necessary because:

- It is too expensive to rehabilitate or remodel a structure that has outlived its usefulness.

- Additional classrooms must be provided for growing enrollment in both the undergraduate and graduate divisions.

- Additional space must be provided for the ever-increasing number of service activities.

The 1970 St. Paul campus has been planned so that buildings and facilities are arranged in the following general groups:

Plant Science group—including agronomy and plant genetics, plant pathology and agricultural botany,

To replace obsolete buildings, prepare for student influx--

St. Paul Campus Grows



Harold Macy, Dean
Institute of Agriculture

entomology and economic zoology, horticulture and forestry.

Animal Science group—including animal husbandry, dairy and poultry.

Veterinary Medicine group.

A central area which provides for a general group of buildings and facilities for home economics, agricultural biochemistry, agricultural economics, rural sociology, agricultural extension, agricultural education, agricultural engineering, agricultural short courses, student service, student center, physical training, general classroom space and administration.

Dormitory and Food Service group.

Farm and service buildings, roads and parking areas.

Besides buildings presently under construction (two dormitories, student center, dairy building, vet-

erinary science addition, soils building plus new heating tunnels), five other units are ready to be contracted out since funds for them have already been appropriated. In this group are the forest products building, dining facility, research and diagnostic laboratory for veterinary medicine, horticulture greenhouses and a plant science field building.

Among new buildings proposed by 1970 are:

For plant science—entomology and economic zoology; horticulture building, plant science research building, additional research greenhouses and an addition to the forest products laboratory;

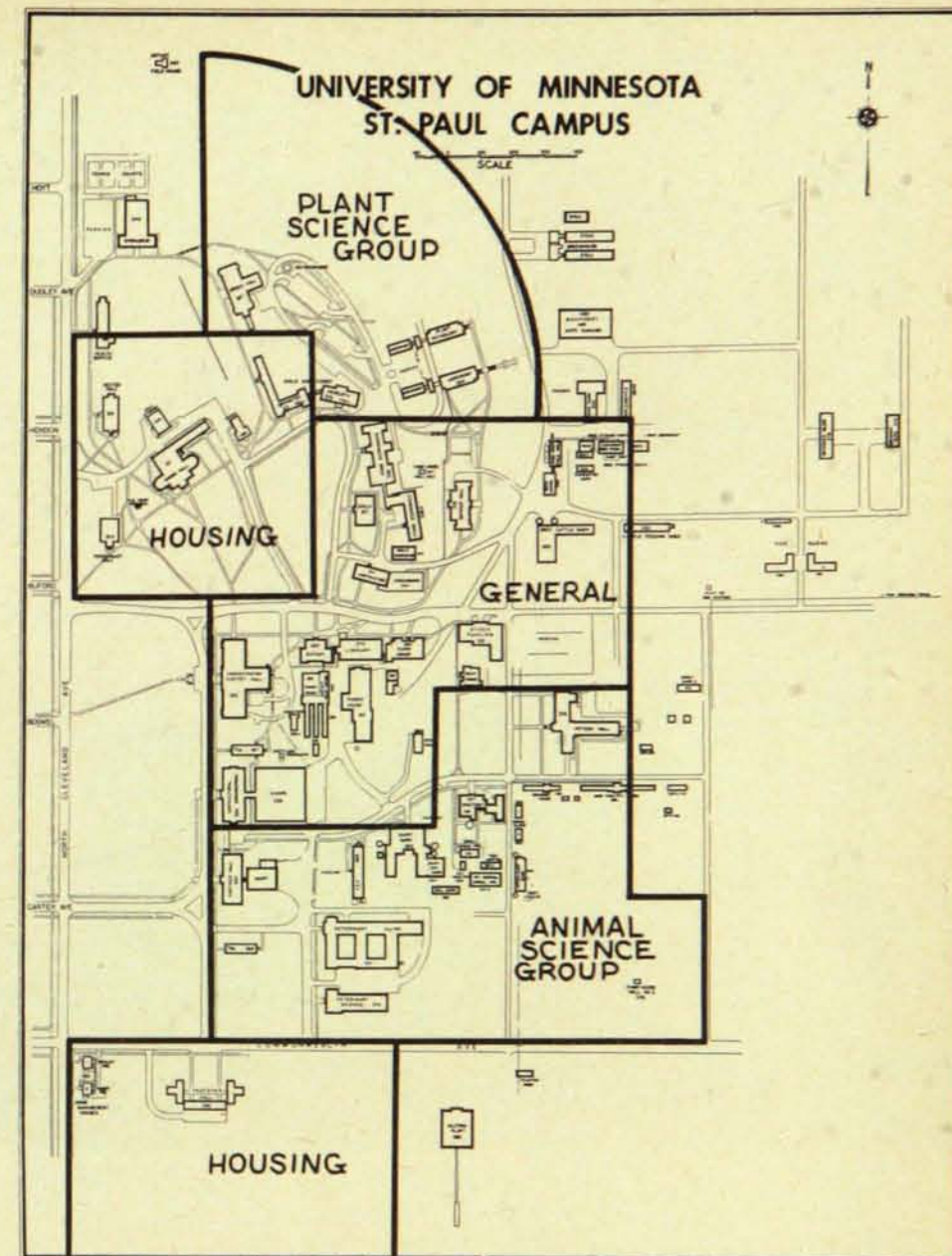
For animal science—meats laboratory, livestock pavilion, animal husbandry nutrition and field laboratories; poultry research building and a central feed handling and storage building;

For general uses—classroom and office building for agricultural economics, rural sociology, agricultural education and possibly rhetoric; a short course center; home economics (rehabilitation of an old section and construction of a second unit of new portion of building); home management houses, addition to agricultural biochemistry; addition to physical training facilities.

Dormitories for single students will be just north of campus and new married students housing projects are located to the south.

University officials also outlined a plan for a farm shop and garage, physical plant shops and service

Proposed land use for the St. Paul campus (1970) will be brought about by division of the land into four major areas. The **plant science group** will occupy the north portion of the campus, expanding north of such buildings as plant pathology and agronomy; the **animal sciences group** will expand on the south side of campus in an extension of facilities in the area now occupied by veterinary science and veterinary anatomy. The center campus area will be used for **general instructional purposes** and, in two areas on the side of the campus touching N. Cleveland avenue, **housing** will be constructed.



building, some additional streets and parking space for approximately 3,000 cars.

One of the units of the St. Paul campus which has been consistently changing and growing in recent years is veterinary medicine.

The college of veterinary medicine was established as a school by the 1947 Legislature, appropriating \$710,000 to construct the present clinic building in addition to a temporary building established with conversion of the veterinary science building for teaching purposes. This was followed by an

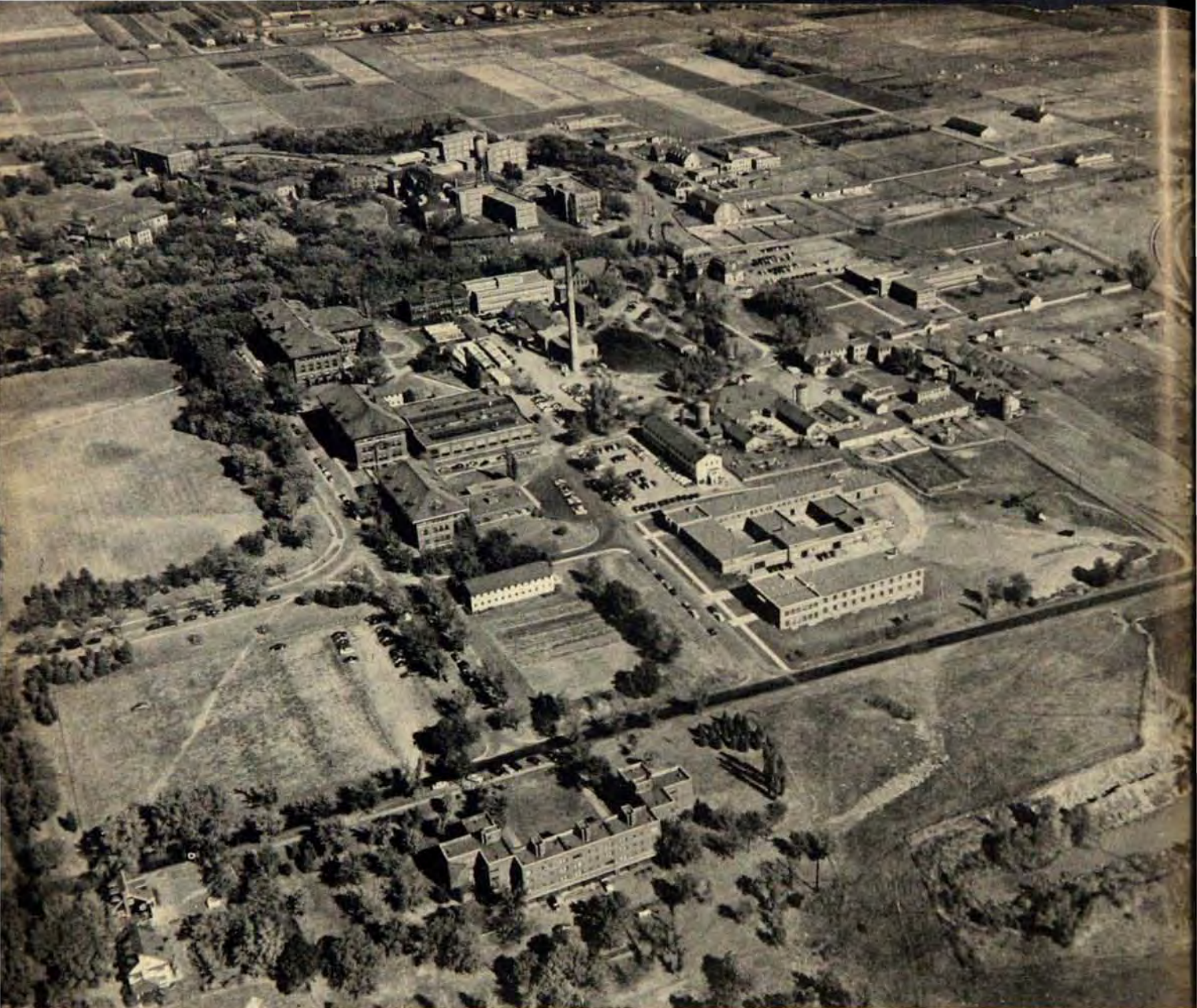
appropriation of \$600,000 in 1949 for the construction of the first unit now known as the Veterinary Science Building to which the 1955 Legislature added \$600,000.

The college of veterinary medicine has three major activities important to the state: teaching, research and service. The teaching activities must meet the requirements of a council on education the same as any other professional school or college in the medical sciences. The research program is concerned with animal diseases important to the livestock and poultry

industry, and diseases of animals which may be transmissible to man.

The service activity consists of the operating of the official diagnostic laboratory for Minnesota, in cooperation with the Minnesota Livestock Sanitary Board, which is one of the eight divisions in the college of veterinary medicine, specifically the division of veterinary diagnostic laboratories.

The 1957 Legislature appropriated \$600,000 for a diagnostic laboratory and some research facilities and an additional \$1,000,000 to fur-



Aerial view of St. Paul campus, looking toward the Northeast.

ther complete the unfinished portion of the original veterinary science building.

"The permanent basic facilities needed for teaching, research and service in the college of veterinary medicine are approximately half built," according to Dean Thorp. "Other institutions that have built within the last two years an entire new college of veterinary medicine spent seven to eight million dollars on the permanent facilities."

In order to retain the present accreditation status, since being taken off public probation in April, 1956 due to the support from the Legislature and the support from the Ad-

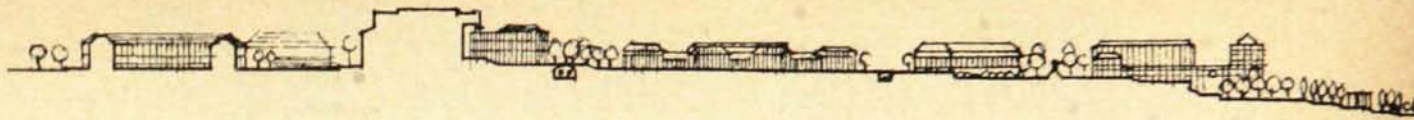
ministration, there must be a continual development of the teaching facilities.

It is estimated that it will take at least three and one-half million dollars to complete the College of Veterinary Medicine. The rise in building and equipment costs necessitate this figure, which is based upon a preliminary plan showing the necessary development of veterinary medicine on the St. Paul Campus to fulfill its three functions to Minnesota. These plans have been worked out in preliminary detail and show different areas to be developed in several stages.

The Temporary Building East of

Haecker and the present Veterinary Anatomy Building should be removed by 1965. Construction between the present Clinic Building and Diagnosis building now being planned for contract early in 1958 will necessitate the removal of the Dairy Department bull pen, early in 1960.

"The St. Paul campus program, like that involving the Minneapolis campus, is designed to serve the long range overall interests of the University and the entire state," said Dean Harold Macy. "Ours is a vigorous and long range program. We must keep growing to keep up with it."



When Cass Gilbert, the famous St. Paul architect, drew up his plans for University growth almost a half century ago, he bounded the University on one side with a huge domed structure which was to be Northrop auditorium, extended the mall straight across Washington avenue right through the heart of Coffman union and pictured a Foshay-like bell tower which would have nudged the corner of Variety Heart Hospital. Below this, he landscaped the hundreds of parked autos out of existence by beautifully-designed terracing of brick and concrete, which unrolled between trees and lawn past Comstock Hall down to the river's edge.

For Washington avenue, he pictured a two-level street

Cass Gilbert (inset), famous architect from St. Paul, drew some of the first designs for orderly development of campus. Plans, completed prior to 1910, were reported offered for a fee of \$10,000. The original plan (below, left) was to develop University north and south, using south river bank as a part of campus scenery. A free translation of his plan for buildings grouped around a central courtway occurred when later planners created the mall. Longitudinal section (at top of page) of the University as envisaged by Gilbert. This section, drawn to scale by Jack Geretz, is placed through the mall showing campus north in the vicinity of Northrop gradually slanting south to the river flats.

(Portrait courtesy Minn. Historical Society.)

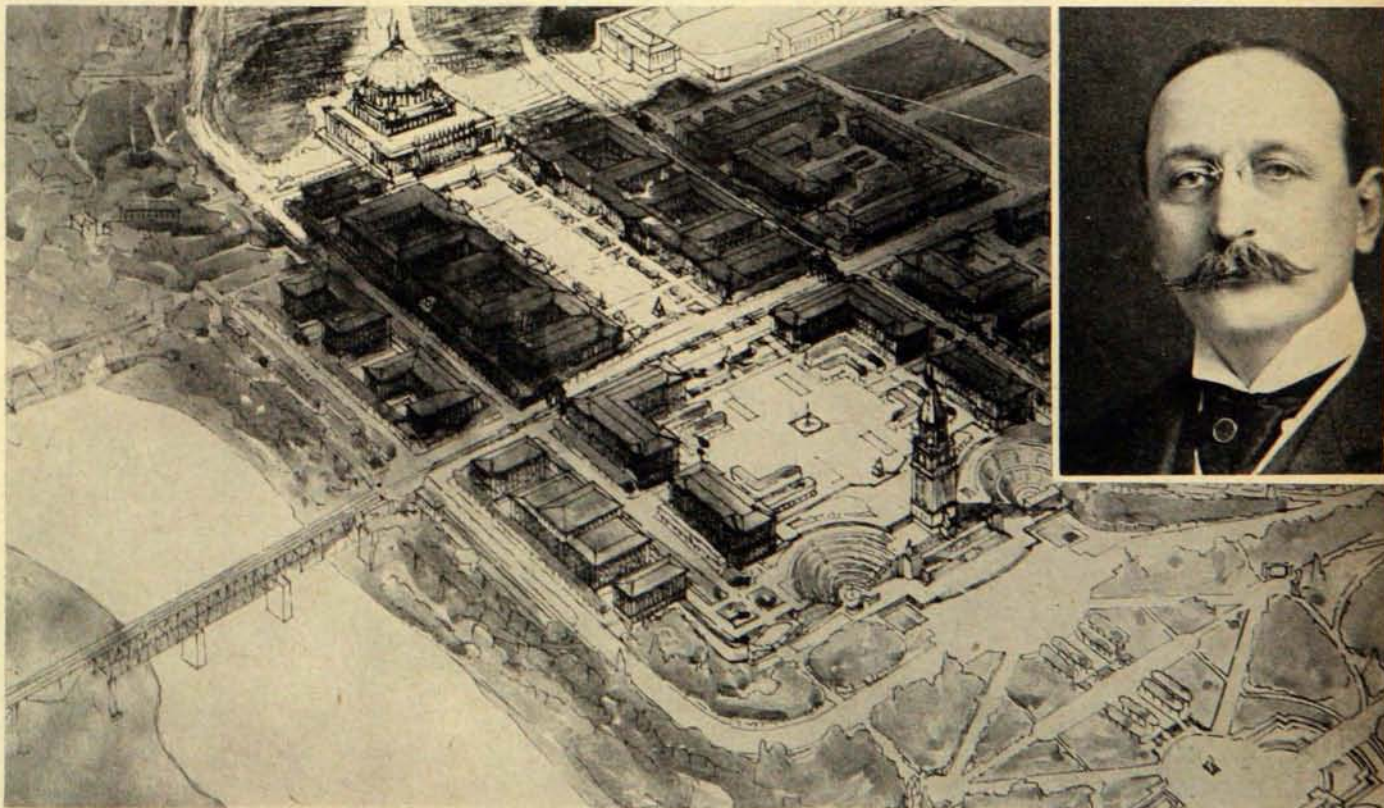
Cass Gilbert: PROPHET AND ARCHITECT

with lighter traffic on top and heavier vehicles on the bottom.

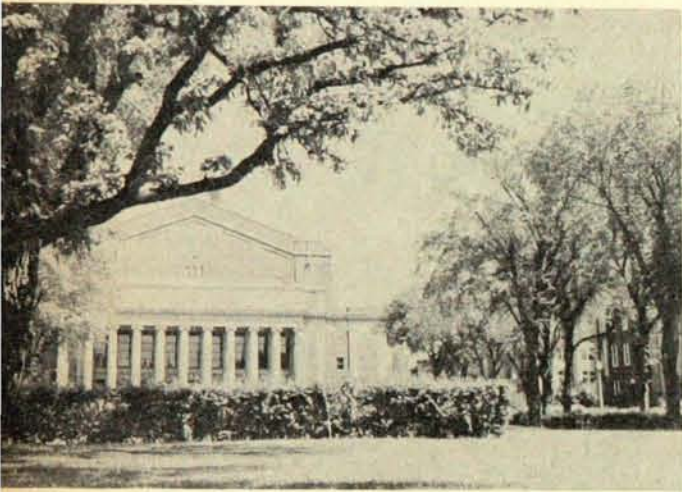
In his foresightedness, he felt *first*, that some day some part of the river would be an integral part of the campus and *second*, that students must have a way to get around campus without colliding with traffic.

For a 50-year old guess, the St. Paul architect was almost uncanny in his accuracy.

When Pres. J. L. Morrill announced the most daring expansion program in the University's history during the late hours of 1957, Gilbert's two predictions — although modified — formed the nucleus of the plan to meet the sky-rocketing student enrollment.



Benevolence Sowed the Seed



Northrop Auditorium, a campus landmark named after the president who served from 1884-1911, was completed in 1929.

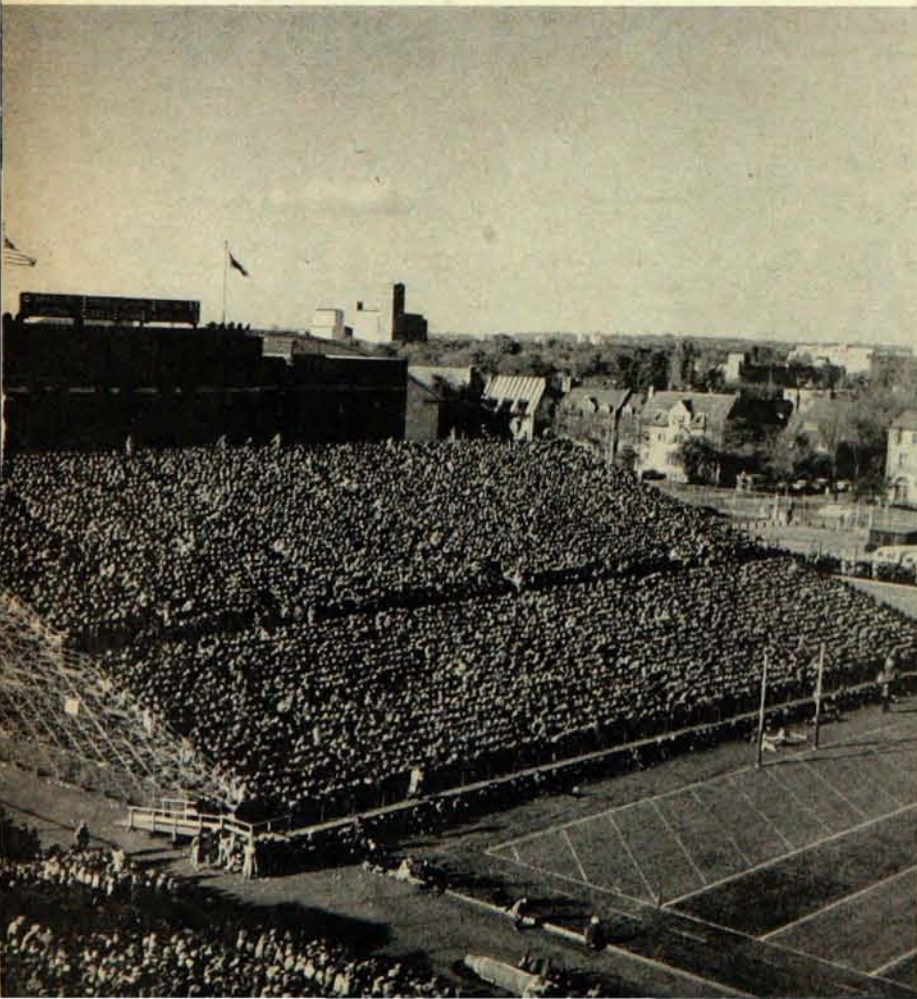
Among the buildings of the three campuses are 23 (plus some additions to them) which were or are being made possible through gifts or subscriptions from alumni, students and friends of the University. In some cases, gifts were used along with federal grants, state appropriations, other state funds or a combination of these resources. In other cases, gifts supplied most or all of building costs.

In all cases, each addition to the campus enhanced the total service of the University to the individual student, to the state and to the nation.

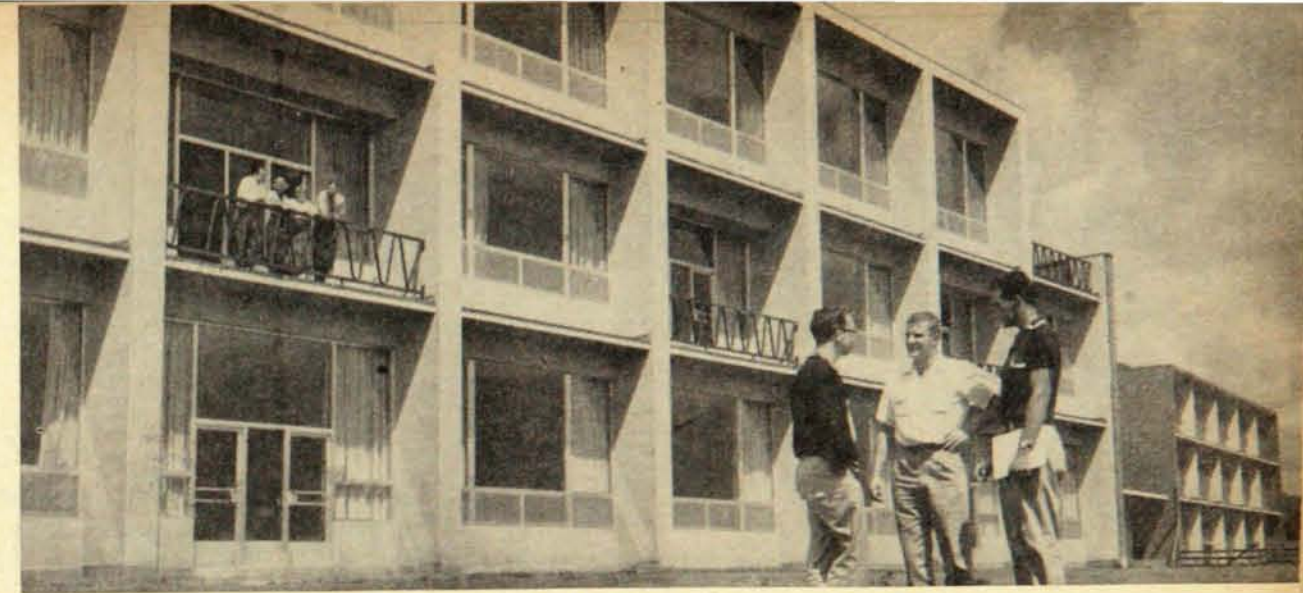
The buildings are: Minneapolis campus—Gamma Irradiation Facility, Coffman Memorial Union, Elias P. Lyon Laboratories, Owre Hall, Minnesota Museum of Natural History, Murphy Hall, Northrop Memorial Auditorium, Pillsbury Hall, Shevlin Hall, Memorial Stadium, Variety Club Heart Hospital, Todd Memorial Hospital, Minnesota Hospital and Home for Crippled Children, Elliott Memorial Hospital, Cancer Clinic, Masonic Memorial Hospital, V.F.W. Cancer Research Institute; Mayo Memorial Medical Center;

St. Paul campus — St. Paul Campus Student Center; Duluth campus — Kirby Student Center, Olcott Hall and Garage, Tweed Hall and Annex; and Cedar Creek Forest Laboratory.

Memorial Stadium, begun through alumni gifts and subscriptions, was finished in 1925.

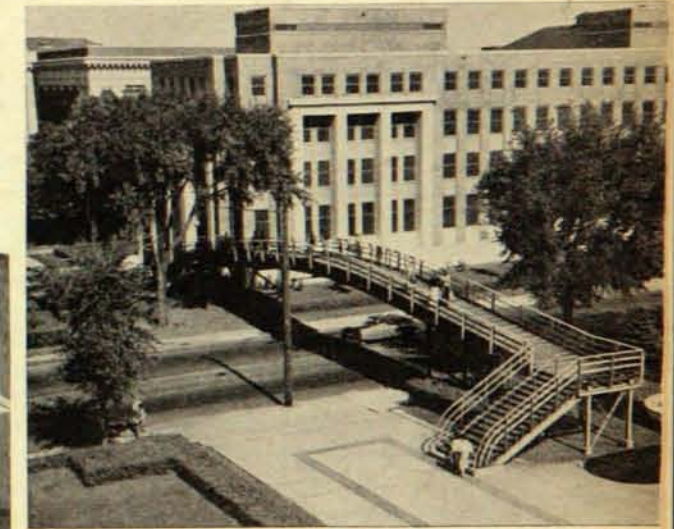


Mayo Memorial Medical Center, erected in 1954, has facilities for a hospital as well as a medical school.



The Kirby Student Center at UMD was begun in 1954 and completed early in 1957. The late Stephen Kirby, pioneer Duluth and Iron Range banker and businessman, contributed \$400,000 toward its construction.

The St. Paul Campus Union, described as having a "three F design" (functional, friendly, flexible), is being named after the late President Walter Coffey (1941-45, president; 1921-41, dean of agriculture). The building will be completed this coming October.

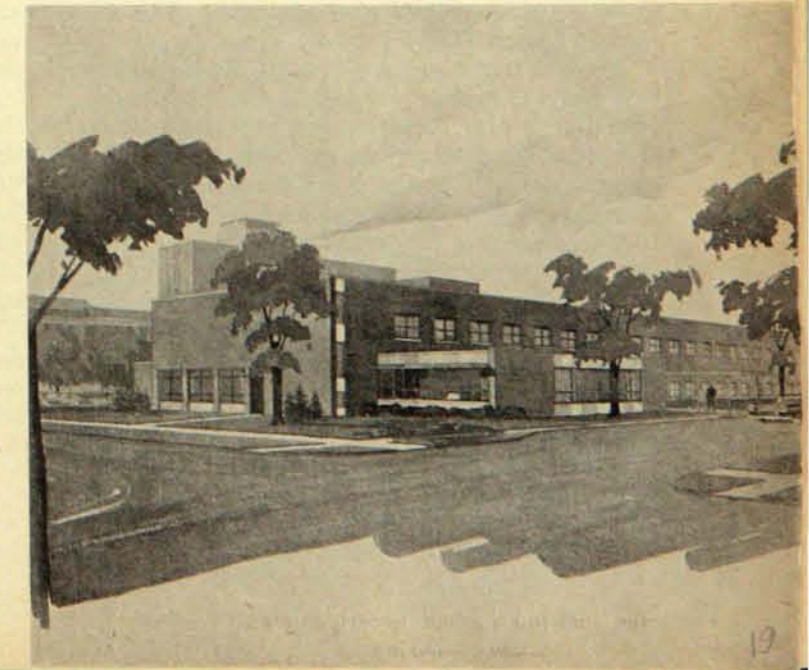


Coffman Memorial Union, built in 1939 with an addition in 1954, contains facilities for a faculty club as well as for student activities.

The Masonic hospital, now in the process of construction, is scheduled for completion in the middle of this coming August.



The Variety Club Heart Hospital was built in 1949.





Are We Short Of Engineers?

For several years distress signals have been flying as regards the needs of higher education. Our colleges and universities, already cramped for space and with inadequate operating funds, are facing doubled enrollments in the next twelve years. Unless more teachers, more buildings and facilities are provided, the quality of higher education in the United States will be considerably lowered.

If the launching of the earth satellites by the Russians did nothing else, it put the spotlight of public opinion upon our whole educational system. The newspapers and magazines have been full of articles dealing with our schools, comparing them with those of Russia, comparing our system with that of foreign education. Numerous attacks are made upon the quality of high school teaching; upon the quality of high school teachers; upon teacher education; upon college curricula.

A consensus of the opinion seems to be upon the need for more and better technological training — and the present shortage of engineers.

In the midst of all of this, it was interesting to read the statement of the National Society of Professional Engineers on engineering shortage, issued October 17, 1957:

"Within recent weeks, related developments have provided fresh evidence for those who contend that there is a severe shortage of engineering and scientific personnel and, at the same time, for those who maintain that there is not a shortage. This contradictory situation has existed since 1949 when one of the largest engineering graduating classes in history led to predictions of an over-supply — followed, a year later, by the Korean War, the increase in defense spending and the subsequent high demand for engineering and scientific personnel.

"Since then, many leaders in public life and industry have expressed a fear that the output of

trained engineering talent has been lacking in numbers to the extent that the nation's security is in jeopardy, and have called for various forms of 'crash' programs to produce more engineers. Others have contended during this period that the 'shortage' was synthetic, or highly exaggerated.

"Recently, defense budget cuts caused the lay-off of a number of aircraft employees, including some 1,000 engineers. This resulted in extensive publicity to the effect that the 'shortage' was over and that more engineers would be 'laid off' as further cuts were made in defense spending.

"Now, the launching of the Russian earth satellite has resulted in even more extensive statements and publicity that the United States is trailing Russia in scientific achievement because we have not produced enough engineers and scientists compared to the USSR. New demands are being voiced for 'crash' programs to train larger numbers of engineers and scientists. Some leading members of Congress have stated that they will move for extensive Federal scholarship programs when the legislators resume their work next January. In the face of this 'on-again off-again' situation, the engineering and scientific professions and the general public are understandably confused and uncertain.

"The validity of each point of view regarding the supply of engineers depends on interpretation and analysis of data which has been published in great detail and variety. Despite this wealth of information, however, both points of view probably can be defended if the definitions of two terms — 'engineer' and 'shortage' — are made by the respective groups.

"The National Society of Professional Engineers has observed and studied the various statements, reports and analyses during this period. We recognize an obligation to the nation's economy, the engineering profession and to the young

people who may be considering the choice of an engineering career, to lend assistance in the clarification of these conflicting viewpoints and, to the extent possible, to assist in the selection of the best alternatives in the future.

"It is most important that the nation not rush into hastily improvised actions having to do with the education of engineers which would only aggravate a complicated and difficult condition that cannot be solved by spur-of-the-moment solutions.

"Based on close observation of the engineering profession's growth and intimate experience in professional engineering activities, NSPE believes that the following factors are sound observations for future guidance:

- 1) *Special action* to increase today's supply of engineers is not considered necessary nor desirable since engineering enrollments are at an all-time high and are continuing to increase.
- 2) *An artificial stimulation* to further increase enrollments in engineering will severely handicap institutions that devote adequate attention to the capable students.
- 3) *Assuming that Russia* launched the earth satellite before the United States solely because it had trained more scientific personnel in recent years than this country, we believe is not valid and could lead to unwise and damaging decisions. We believe it would be more logical to assume that the controlling factors were priorities assigned to money and emphasis, rather than a shortage of technical personnel in the United States.
- 4) *Emphasis now* more than ever should be placed on quality rather than quantity. Poten-

tial engineers should be better grounded in fundamentals when they enter the engineering educational program and should be better informed as to the qualifications essential for an individual to become a successful engineer.

5) *In view of the present* limitations of facilities and faculties, the substantially increased enrollments in our engineering institutions are causing serious difficulties at the present time. Any program which will substantially add to the present number of students must include means to resolve these limiting factors.

6) *It should be emphasized* that projects such as the earth satellite, guided missiles, etc., depend on highly advanced technology — a mere increase in numbers of those with first degree will not provide the type of highly advanced technical knowledge which is necessary. It should also be noted that any program based on present needs will not succeed in solving today's technological problems. A program starting today will not produce a single highly qualified engineer or scientist for at least six years.

7) *Experience has shown* that we have wasted engineering talent by using it at a level below that which it is capable of performing. Improved utilization of engineering talent can do more for an immediate need than any other single program."

Hopefully, out of all this will come an increased realization of the need for more adequate support of education at all levels. There can be no doubt that a greater percentage of our national income will have to go in support of education.

Sincerely,

Ed Hauslet

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L. to R., Tom Parker and Howard Soper of Parker-Soper, Architects; Dick Weldon

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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
Howard D. Burdick, '39, Dallas
Morton C. Mosiman, '40, Minneapolis
Lloyd V. Shold, '42, Duluth
Robert R. Abroahams, '44, Minneapolis
Robert M. Larsen, '47, Minneapolis

Earl H. Mosiman, '47, Minneapolis
Robert D. Myhr, '48, Chicago
Ariel H. Oberg, '48, Los Angeles
Theodore J. Lee, '49, Duluth
H. Larry Wilson, Jr., '52, Minneapolis
John B. Heimkes, '54, Minneapolis
William G. Sullivan, '56, Minneapolis

'U' To Honor Grads at Charter Day Luncheon



Glenn E. Seidel
Former MAA President



J.A.A. Burnquist
Former State Governor

Two distinguished alumni will be honored with the Outstanding Achievement Award during the Alumni Honors luncheon on Charter Day, Feb. 27.

(A third Outstanding Achievement Award candidate was announced just before the GOPHER GRAD went to press. She is Miss Marchete Gaylord Chute, New York authoress who graduated from the University with a BA in 1930.

Author of both poetry and non-fiction, Miss Chute's latest award was from the N. Y. Shakespeare Club in 1954.)

The event—biggest one on the alumni association calendar—will begin at 11:30 a.m. in the Main ballroom of Coffman union (on the ground floor). The MAA Board of Directors will play host to the more than 500 guests.

Being honored at the luncheon which will be presided over by MAA Pres. Leif Strand, are:

Former Governor Joseph A. A. Burnquist '05LLB, lawyer from Mpls.; Glenn E. Seidel '36BME, Mpls., former president of the MAA and the vice president in charge of engineering for Mpls.-Honeywell Regulator Co.

For the second time in Charter Day history, all past winners of

this honor—approximately 250—will be invited to participate as special guests in this birthday celebration.

The MAA will also extend invitations to past and present University Regents, the administrative committee of the University and to faculty consultants, alumni association officers and directors and all club presidents throughout the country.

Officials of the alumni association which are constituent groups of the MAA will also be invited. These are the alumni associations of the school of business administration, the institute of technology, the college of education and—the most recent member—the college of veterinary medicine.

Seidel, who served last year as the master of ceremonies and announced the winners of the OAA, will join the ranks of younger alumni who have earned their University's highest honor.

Burnquist, as governor of the state from 1915-21, also served Minnesota as attorney general in '38, '40, '42, '44, '46, '48, and '50. He is former president of the National Association for Attorney Generals and a member of Phi Beta Kappa and Delta Sigma Rho.

Clubs To Hear Speakers

A roster of approximately 30 speakers for state clubs is being arranged by the MAA to bring the University story to all parts of Minnesota during University Week, starting Feb. 23.

MAA ExSecy Ed Haislet said that he will make "every conceivable effort" to fulfill the specific requests of each club but asked that clubs receiving substitute speakers understand his problem. Local sponsors are state alumni clubs.

The first talk in the series has already been given at Madison, Minn. by J. M. Nolte, dean of general extension.

Among the other speakers are:

Dr. Paul L. Holmer, professor of philosophy, Alexandria, March 25; Alfred O. C. Nier, professor and chairman of physics, Pipestone, March 18; John D. Akerman, professor of aeronautical engineering, Austin, Feb. 10; Donald W. Hastings, professor and head of psychiatry, Fargo-Moorhead, Feb. 5.

William G. Kubicek, professor of physical medicine, New Ulm, Feb. 18; Keith N. McFarland, professor and assistant director of resident instruction, Agricultural College Office, Glenwood, March 17; Walter J. Breckenridge, director and professor, Museum of Natural History, Chisholm, (date undetermined); Richard L. Kozelka, dean of the School of Business Administration, Thief River Falls, Feb. 17.

J. William Buchta, associate dean of SLA, St. Cloud, Feb. 25; John E. Turner, associate professor of political science, Detroit Lakes, (date undetermined); Lawrence H. Johnston, assistant professor of physics, International Falls, Feb. 20; Dr. S. A. Eugene, Marshall, Feb. 6.

Werner Levi, professor of political science, Breckenridge-Wahpeton, Feb. 6; Tracy Tyler, professor and coordinator of the Korean project, Wadena, Feb. 20, and Prof. Akerman, Virginia, Feb. 4 and 5.

GOPHER GRAD

30th Reunion Observed by 1927 Electrical Engineers



Engineers attending the 30th reunion of the 1927 electrical engineering class which met during Homecoming are (back row, left to right): Harry DuBois, Paul Buccowich, Jim Redding, Ed Scholz, Gus Johnson, Stan Ward, Seth Witts, Carl Swanson, George Nolan, Frank Wehlitz, Jim Barton, Cliff Brandt, Randy Beyer, Gordon Volkenant, Rey Hortberg, John Kuhlman, Lawrence McDonnell, Dick Robinson, Jack Brightfelt. Front row, left to right: A. C. Lee, Max Peters, Harold Boyce, Howard Whiteley, Gordon Moore.

Date Made 'Official' For MAA Luncheon

Feb. 27 was definitely scheduled as the date for the 1958 Charter Day Luncheon at the Jan. 6 meeting of the MAA Executive Committee.

In attendance at the meeting were Dr. Leif Strand '29DDS, president; J. D. Holtzermann '21BA, Catherine C. Knudtson '23BSEd, Sam Campbell '27LLB, Les Westin '40BSEd and ExSecy Ed Haislet.

A letter from Clifford C. Sommer '32BA expressed his thanks to the officers of the Board for the opportunity of being alumni king. A copy of an AAC questionnaire concerning rules and regulations for selection of membership on governing boards of state and/or land grant universities was read by Haislet.

Dr. Strand indicated that the School of Dentistry Alumni Association is now ready to be formed, having held several meetings.

The first graduating class at the University of Minnesota back in 1873 had two members. Now, some 5,000 students are graduated each year.

FEBRUARY, 1958

Kozelka Asks Closer Relations with Alumni

Richard L. Kozelka, dean of the school of business administration, advocated calling on more alumni for "definite teaching help" to senior business students in order to speed the student transition from school to industry.

Speaking to school of business administration alumni association at a St. Paul meeting hosted by Hartwell Wilkerson '28BS, president of the constituent group, Kozelka ('31-PhD) suggested an enlargement of the intern program such as is now used for the field of accounting. In addition, he asked for formalizing a procedure to bring together the specialist and the practitioner.

In an open discussion, the group sought to establish the kind of education which would be most helpful to business. In general, the degree should consist of studies less specialized and include more psychology, political science, humanities and English literature.



Pres. Wilkerson

Kozelka pointed out that a program of "thinking ahead" would include a critical analysis of business courses now being taught.

Alumni also could help, said

Kozelka, by assistance to obtain matching funds for the Ford Foundation Grant which provides faculty research.

In other business, the date for the next annual meeting was tentatively set for Dec. 4.

Pres. Wilkerson appointed the following committees:

Class chairman meeting (a brainstorming session to be held within the month): J. Putnam O'Grady, '47BBA, chairman, and Catherine Crowe '26BS, student-alumni program; Roberta Nelson '39BBA, chairman; Walter Carpenter '46BBA;

Honors committee: Waldo Haddell '26BS, chairman, and William Westerdahl '34BBA; annual meeting: Edward Schleh '37BBA, chairman; Kenneth Glaser '42BBA; and Irene Kreidberg '30BS;

Projects: James Haire '42BBA, chairman; Orem Robbins '36BBA; and Pres. Wilkerson.

Active in Veterinary Alumni-MAA Merger



W. T. S. Thorp (left), dean of the college of veterinary medicine, and Eiler D. Frederiksen, retiring president of the college of veterinary medicine, were two of the key figures in merging the alumni association of that school with the MAA. The 250-member unit approved the move as a body at an alumni meeting held Jan. 21 in St. Paul during the Minnesota State Veterinary Medical Society convention. The veterinarians become the fourth MAA constituent group.

Eau Claire Man Is Wisconsin Club Leader



Sidney B. Russell '30MD, above, has been elected president of the West Central Wisconsin alumni group (Eau Claire and Chippewa Falls area) at a recent meeting in Eau Claire. Other officers named are Jack A. Stromwall '50BA, vice president; and Marjorie Dean Mitchell Barnes '33MA, Russell is chief of staff at Luther Hospital in Eau Claire. For the annual meeting of the group held last fall, Manley B. Monsen '24E reported "we had 106 attending and alert."

Bathke of Waseca Heads Dads Ass'n.

L. W. Bathke of Waseca has been elected president of the University of Minnesota Dads association for 1958. He succeeds Carlton R. Cronin of Minneapolis who has held the office for the last two years.

Board Nominations Asked

MAA ExSecy Ed Haislet has announced that the Board of Directors will accept nominations for MAA board members by petition.

All nominations by petition must be in the alumni office by February 15.

Association members will have the opportunity to vote for their candidates by means of the ballot which will appear in the April and May issues of *Gopher Grad*.

The Real Mac Guf

ROBERT P. PROVOST
Director of the Greater University Fund (GUF)

Back in 1955, President Emeritus Walter C. Coffey, acting as chairman of the campaign for funds to build a student center on the St. Paul Campus, said: "After 35 years of association with the St. Paul Campus, I can visualize the vital importance of this Center to students. I appreciate the generous assistance from alumni, faculty and staff, students and business friends, and I hope their continued help will make this long needed project a reality."

President Emeritus Coffey didn't live to see the breaking of ground during 1957, nor the initial construction of the new St. Paul campus student center.

This fall, the building is scheduled for completion. All of you who had a part in making this new student center possible will be pleased to know that you will be honored guests at a dedication ceremony scheduled sometime after the building is completed.

The national trend is toward providing student center facilities through outside contributions and student fees. At our University, this has been the case. Here, budgeted resources do not find their way into the operation of student center facilities. Instead, student fees provide the resources for the operation and program of the Coffman Memorial union as well as for the present St. Paul campus union and the Kirby center at Duluth. In other words, the whole student center concept is one of cooperation between students, faculty and staff and the University Administration.

In behalf of the Greater University Fund, I would like to express my appreciation to all of you who participated to make the new student center possible — truly a worthwhile project.

GOPHER GRAD

*Pomp and pageantry--***Campus Sets Plans for UM 107th Birthday**

The campus observance of the University's 107th birthday will feature a historical pageant at a special morning convocation on Charter Day, Feb. 27, followed by the cutting of a birthday cake by Pres. J. L. Morrill.

The pageant—"Sketches from the U Scrapbook"—will be presented, after which the cake will be cut and passed out from the stage of Northrop auditorium. The pageant portrays highlights of the history of the University of Minnesota and will be directed by Roger D. Gross.

Established by the legislature on Feb. 25, 1851, the University has been in continuous operation since. The territory, with a population of 6,077, was not quite two years old.

The University's long history is brought to public attention on Charter Day, which occurs in the middle of University of Minnesota Week, beginning Feb. 23.

In addition to the campus activity for this 107th anniversary of the University, 30 representatives of campus life will speak to alumni clubs throughout the Twin Cities area and the state. Special University Week shows will be aired on

commercial stations. Displays concerning various departments—museum of natural history, anthropology, nursing, psychology, geology and others—will be shown in business buildings in the Minneapolis, St. Paul and Duluth areas.

University of Minnesota Week is sponsored by the Minnesota Alumni Association, the University and the Junior Chamber of Commerce. Head of the JCC eight-member committee is Don Wiese '56LLB, a Minneapolis attorney. Carter Blaine Harstad '56LLB and Jack Dennon are his assistants.

Regents Approve Law School Changes

The two year pre-law program leading to the B.S.L. degree was discontinued and a grant to support a lecture series in theology was approved by recent action of the Board of Regents.

There will now be only two, instead of the previous three, methods for entering Law School. The first plan requires a four year college degree, after which the student attends Law School for three years plus one summer. Under the second plan, the student must take three years in SLA and three years and one summer in Law School. After

T. Blegen Slated for Anniversary Talk

Dr. Theodore C. Blegen, dean of the Graduate School, will be the main speaker at the school of social work anniversary dinner, to be held on Feb. 25 in the main ballroom of Coffman union.

The dinner is in celebration of the 40th anniversary of the school of social work, part of the University's graduate school.

John C. Kidneigh, director of the school, will be chairman. Also appearing on the program will be Dr. E. W. McDiarmid, dean of SLA, and representatives from the Social Work Alumni Association.

the first year in Law School, he must qualify for the B.A. degree.

The total amount of time required for the B.A.-LL.B. program has been reduced from seven years to six years and one summer.

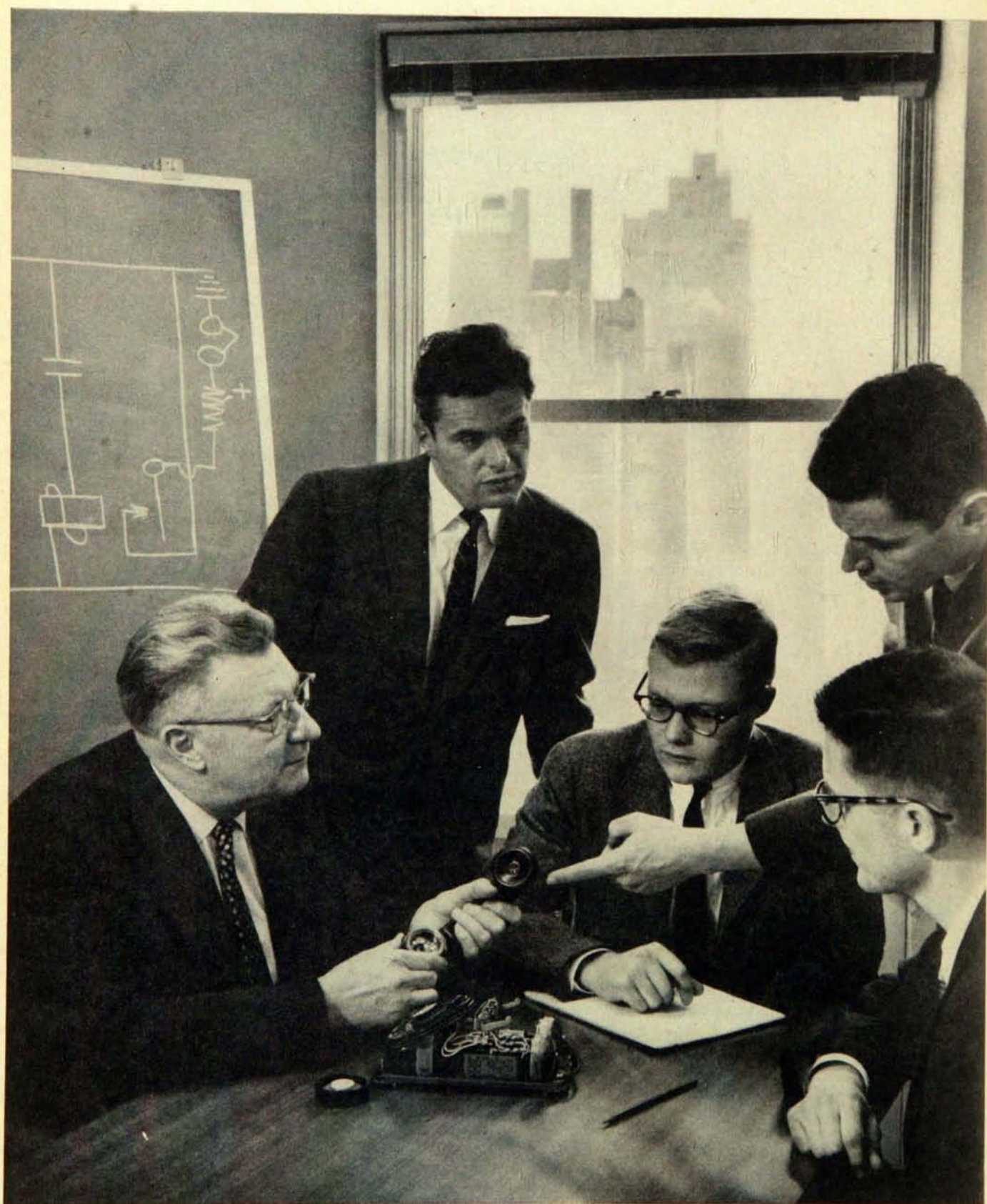
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3. To meet continuing needs for formalized technical training, *Advanced Development* offers four-week courses tailored to the individual needs of the engineers selected to attend. These courses are designed to help develop creative engineering abilities. Computer applications, switching theory, feedback control systems, and semi-conductor devices and circuits are sample topics covered in this phase.

Besides taking part in the Graduate Engineering Training Program, engineers are eligible for our Tuition Refund Plan for after hours study at nearby colleges.

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Planning telephone central offices:

Equipment requirements—E.E.; Power and cable requirements—E.E.

Development and design:

New machines and tools—M.E., E.E.; Material handling methods—M.E., I.E.; New equipment and processes—M.E., E.E.; Repair shop methods—M.E.; Testing facilities—E.E.; Testing methods—E.E.; Job evaluation studies—I.E.; Wage incentive studies—I.E.; Production control studies—I.E.; Improved chemical processes—Chem. E., Met. E., Phy. Sc.; New application for metals and alloys—Chem. E., Met. E., Phy. Sc.; Raw material test procedures—Chem. E., Met. E., Phy. Sc.; Service to military on electronic devices—E.E.

For further information write: Engineering Personnel, Room 1034, 195 Broadway, New York 7, N. Y.

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Minnesota Quits Hockey's WIHL

Minnesota had no alternative but to quit the Western Intercollegiate Hockey League (WIHL), says Coach John Mariucci.

The break with the league, decided upon more than two months ago, was officially announced Jan. 6. In a letter to Prof. W. A. Longacre of Michigan Tech, secretary of the WIHL, Stanley V. Kinyon, Minnesota faculty athletic representative, said "WIHL standards are incompatible to the University."

"I don't think it is our place to tell the other teams to clean house," says Mariucci, "but until they can meet the conditions we have set down, there seems little possibility that we will play them next year."

While the official statements claim that scheduling of games, eligibility and financial aid were the main sore spots, it has been no secret that Minnesota would not play Denver or Colorado College next year if recruiting methods did not change. Michigan instigated the drop from the league, leaving Minnesota with no alternative but to follow their lead in the joint action.

The emphasis on age and professionalism in hockey players was sharply criticized by Mariucci. "We cannot condone the outright 'professionals' that the Colorado schools have brought down from Canada," he said, "and we should not expect the younger players on an amateur level to compete with players over 22 years of age with Canadian senior league experience."

A glance at the teams criticized indicates that there is some basis for Mariucci's criticism. Colorado has no wing under 22 years old, and some are 25 and 26. The Denver lineup is a little younger, but even there the average sophomore is 21



Coach Mariucci

compared to the usual 19 in Big Ten teams.

Mariucci also emphasizes that he has no complaints against the use of Canadian players—as long as they are around the usual age. And he thinks they should be used only to supplement the programs.

"In fact," Mariucci says, "I don't think we could have a league without the Canadians. I do believe that in all fairness to our Minnesota boys we must not have 27 and 28 year old Canadians playing against them. I don't believe we should allow so-called professionals in Canadian hockey to come into our ranks and play college hockey."

Minnesota's resignation from the WIHL "should be the elevation of American hockey," according to Mariucci. "Presently it may not look as though it is as smart a move as could be made," he explains, "but it should have long-range benefits."

Expressing a concern for the future of American hockey, he says that emphasis should be placed on this development. This is taking

into consideration such schools as Illinois, Wisconsin and Ohio State, which do not have a tradition of hockey. "It will be much more feasible for them to enter into the college hockey picture than it would under the present setup."

In the meantime, withdrawal from the WIHL has given rise to speculations about the possibility of a Big Ten hockey league.

"There's some indication such a league might be formed," according to Kinyon. Wisconsin, Ohio State and Illinois could be included in the new league, Ohio State now has a team playing on an informal basis in the Ohio area.

Michigan and Michigan State would in all possibility also be included in the proposed Big Ten league.

The main problem in organizing such a league seems to be the question of a Big Ten sanction. Some difficulties might arise here if all member schools would not participate.

Since the break with the WIHL is not effective until the end of the regular league schedule—sometime in June—the Gophers will finish up the season.

Minnesota has been a member of the WIHL since the 1952-53 season, when it tied for the championship with Colorado College. The Gophers won the championship the following season.

And it looks as though Minnesota will be scheduling independent Big Ten games next year. This will take away the natural rivalry set up by league play, and may lower the caliber of hockey—at least temporarily.

But Mariucci is looking ahead to future benefits for hockey.

Around and About With Alumni

'07

Frank E. Flynn '07LLB, received a meritorious award from the Maricopa County Bar Association, Arizona, in Dec. Currently practicing with the Phoenix firm of Gust, Rosenfeld, Divelbess and Robinette, he reached his golden anniversary of professional legal practice during the past year.

'08

Rewey Belle Inglis '08BA, has been nominated for a citation toward the advancement of secondary education to be awarded in June in connection with the 100th anniversary of the founding of Shattuck School, Faribault, Minn. She headed the English department of the University high school from 1916 to 1931, and was the first woman elected president of the National Council of Teachers of English. In 1954, she was awarded the Outstanding Achievement Award of the University of Minnesota.

'14

The Rev. Dr. Edwin T. Dahlberg '14BA, pastor of Delmar Baptist church, St. Louis, was unanimously elected president of the National Council of Churches in Dec. He will serve for three years, or until the next general assembly of the council meets.

'15

Maj E. L. MacLean '08-'11, '13-'15, was general convention chairman of the 113th Delta Kappa Epsilon national convention, held in Minneapolis in Dec. He is a former Minnesota State legislator, having retired from active military service in the mid-20s.

'16

Wendell Tipton Burns '16BA, senior vice president of Northwestern National Bank, Minneapolis, was recently featured in a "Town Toppers" column in the Minneapolis Star and Tribune.

'19

Albert E. Peterson '19BSE, has begun teaching duties in the University of Dayton's Technical Institute, Dayton, Ohio. He was formerly with Walter E. Loomis and Associates in Dayton.

'23

Hibbert Hill '23BSCE, has been named chairman of the American Red Cross Minneapolis-Hennepin county first aid and water safety services.

'24

Dr. Frederick F. Kumm '21BS, '24MB, '24MD, recently retired as city physician at St. Petersburg, Fla. He plans to continue with his private practice. He had been city doctor for 21 years prior to his retirement.

'28

Dora V. Smith '16BA, '19MA, '28PhD, was recently honored, when a scholarship fund for high school seniors inter-

ested in becoming teachers of language arts was named for her. The scholarship in her name arose from the donations of friends and former students. A University faculty member since 1928, she was also honored at the National Council of Teachers of English convention held in Nov. in Minneapolis.

'29

Joseph D. Bond '24-'29, has been elected vice president and member of the board of directors for the Soo Line railroad. He has been with the Soo Line since 1920.

'30

G. Wallace Bates '28BA, '30LLB, was recently elected vice president and general counsel and a director of the New York Telephone Co. General attorney of the American Telephone and Telegraph Co., he assumed his new post last month.

John A. Moorhead '30BA, executive vice president of Northwestern National bank of Minneapolis, was elected the 11th president in the bank's 85-year history in Nov. He started his banking career in 1930 at \$17.30 a week.

A. Dale Chapman '29BSFor, is president of the Chapman Chemical Co. of Memphis, Tennessee, and a well-known leader in the wood preservation industry. It was recently announced that the Chapman Chemical Co. Graduate Research Fellowship has been awarded to Edgardo O. Mabesa of Manila, Philippine Islands, for further research on the use of pentachlorophenol as a wood preservative.

'30

Thelma Dreis '23BSED, '30MA, former secretary of the Minnesota Alumni Club of Washington, D.C., will return this month from a three-month study tour of Africa, which included stops in Sudan, Uganda, Kenya, Northern Rhodesia, Livingston, Johannesburg, Southern Rhodesia, the Belgian Congo and Ghana.

Robert E. Tanner '30BA, has been appointed a sales representative of Investors Diversified Services, Inc., Minneapolis. A nine-letter winner in University basketball, baseball and football, he was district sales manager for Continental Can Co., Inc. in Cincinnati and Chicago before becoming vice president in charge of mid-west sales for National Can Co., Chicago.

'31

Dr. William W. Lozier '31PhD, has been named a fellow of the Illuminating Engineering Society, New York. He has been prominent in the lighting field for many years, and is an authority on search-light projection and motion picture photography, for which he has been honored previously by other professional societies. He is a fellow of the Society of Motion Picture and Television Engineers and the American Physical Society, and is also a National Research Fellow.

Harding W. Gilkey '31LLB, executive vice president of Northwestern Mortgage Co., is currently president of the Los Altos, Calif., board of realties. He has been a real estate dealer on the San Francisco peninsula for about 20 years.

'32

W. Allen Wallis '32BA, was recently elected a trustee of College Retirement Equities Fund, companion organization to Teachers Insurance & Annuity Association in serving institutions of higher learning in the U.S. and Canada in the operation of annuity retirement and insurance programs for their teaching and administrative staffs. He taught at Columbia, Yale and Stanford universities before joining the University of Chicago faculty in 1946.

'33

James Abelardo Brunet '30BArch, '33MSArch, is in charge of design for the new Minneapolis \$7,000,000 central library building. He is a member of the firm of Lang & Raugland.

'34

Peter M. Riede '34BME, has been promoted to assistant to the manager, engineering laboratory of the Linde Co. at Tonawanda, N.Y. Since 1945, he has been active in the development of new plants and equipment for use by Linde and government agencies.

Dr. Robert E. Conary '34BChemE, was recently named assistant manager in the research division of the research and technical department of The Texas Co., N.Y. He will be responsible for research activities in the field of chemicals. A former director of research at the Texaco Research Center, Beacon, N.Y., he will now be located at the Research and technical department headquarters in Beacon.

Russell W. Laxson '34BBA, is now completing his first year as treasurer of Minneapolis Honeywell Regulator Co. Prior to accepting his new position, he was chairman of the taxation committee of the National Coal association at Huntington, W. Va.

'36

Jerome Ottmar '36BChemE, former general manager of the Nuclear Products Division of Metals & Controls, was recently named president of M&C Nuclear, Inc., Attleboro, Mass. He is also a member of the board of directors.

'38

Alan D. Colby '38BChE, who has served as staff production coordinator for Archer-Daniels-Midland soybean plants the past three years, has been promoted to plant manager at Mankato, Minn.

James H. Campbell '38BSED, formerly with the American Consulate General in Hong Kong, has been transferred to Salzburg, Germany.

'41

William J. Cooper '41BBA, a former president of the Rochester MAA, has been appointed general agent at St. Paul, Minn., for the Connecticut Mutual Life Insurance Co.

Edward Landes '41BBA sales manager of International Business Machines Corp.



Edward Landes

supplies division, N.Y., has returned to the Twin Cities as district sales manager of the firm's data processing division. He joined IBM in Minneapolis 15 years ago. His district will include branch offices in Minnesota, Iowa, Nebraska, Wisconsin and the Dakotas.

Julia Miller '34BSEd '41MA, former director of nurses at Minneapolis General hospital, has been selected nurse of the year by the Arkansas State Nurses' association. She is the first to receive this award for meritorious service. A former assistant professor of nursing at the University of Minnesota, she is currently dean of nursing at the University of Arkansas.

'42

Felix Perry '42BAeroE, is chairman of a troop of about 100 boys in Boy Scout troop 187 at Mayflower Community church. He is also vice president of the Minneapolis Association for Retarded Children and has been active at their day camp at Glen Lake.

Dr. James J. Carney '42PhD, has returned to his chemistry post at the College of St. Thomas. He was formerly manager of market development for Merck & Co., Rahway, N.J., where he was employed as a research and development chemist during World War II.

Arthur P. Loomis '42BA, has been named general manager of Pillsbury's refrigerated products division, Minneapolis. He joined Pillsbury in 1946 as an executive trainee.

'43

Richard F. Condon '40-'43, has been appointed sales manager of the commercial sign division of the Naegele Advertising Co. of the Twin Cities. A native of St. Paul, he was formerly district sales manager with the Easterling Co. in Omaha, Neb. He joined the Naegele Co. 4½ years ago.

'44

Robert A. Lossie '43-'44, recently began his new duties as manager of the men's division of the Gerber-Gates Employment Service in St. Paul.

'46

Gordon S. Jaeck '46MA, former director of probation and parole in Minnesota, will head the established department of sociology and anthropology at Wheaton college, Wheaton, Ill. He joined the Wheaton staff in 1955. In addition to serving as Minnesota director of probation and parole, he also was chairman of the Minnesota board of parole.

Howard Evans '47BA, has been named supervisor of the research laboratory at

the iron ore mines of the Columbia Iron Mining Co., Salt Lake City, Utah. He was formerly with the U.S. Steel Oliver Iron Mining Division in Duluth, Minn., where he was a mineral processing research laboratory engineer. He has been engaged in exploration of taconite reserves and testing of iron formations.

John Cahill '47LLB, a practicing attorney at Waseca, Minn., for 10 years, has been named district judge for the 14th judicial district. The 14th district embraces Steele, Waseca, Rice, Dodge, Mower, Freeborn and Fillmore counties, Minn.

'48

Carl Rowan '48MA, Minneapolis Tribune staff writer, recently received an honorary degree from Simpson college, Indianola, Ia.

Paul Yakymi '48BSEd, attended the annual President's Club conference of Lutheran Brotherhood, fraternal life insurance society, held last spring in Miami Beach, Fla.

James E. Stewart '48BA, is the author of an article on "Infrared Spectroscopy of Large Particles." He is a member of the staff of the U.S. Department of Commerce, National Bureau of Standards.

Martin Kesselhaut '48BS, was elected to the New Jersey general assembly from Essex county. He is currently practicing law with the firm of Gilhooly, Yauch & Fagan.

Donald A. Motton '48MA, was graduated from the Southern Baptist Theological Seminary, Louisville, Ky., having been awarded the degree of Bachelor of Divinity.

Dr. Shegen Hu '48MS, has joined Monsanto Chemical Company's inorganic chemicals division as a research chemical engineer at Everett, Mass. Prior to his new appointment, he was employed for three years with the Institute of Gas Technology at Chicago.

Arthur Hennings '46BBA, '48MA, has resigned his post as assistant professor of hospital administration at the University of Minnesota to accept a position as director of the University of Texas medical branch hospitals at Galveston, Texas. The former Mankato man will begin his duties this month at Sealy Children's Psychopathic and Rosa and Henry Ziegler hospitals in Galveston. He has been coordinator of the Minnesota Institute of Hospital Administrators and a member of James A. Hamilton Association, a hospital consulting organization.

Russell Kenneth Anderson '48BSAg, was awarded the Master of Science degree in animal nutrition at Iowa State College recently.

Thomas W. Nielsen '48ALA, was graduated recently from the American Institute for Foreign Trade at Thunderbird Field, Phoenix, Ariz. Specializing in South American, he took the school's training course in preparation for a career in American business abroad.

Award Established in Honor of 'U' Alumna

The first award ever made for service in the field of social work in Indian Wells Valley was recently presented to a University alumna of China Lake, Calif.

A bronze plaque with a certificate commending her for her work with the Desert Area Family Service Agency was presented to Mrs. Sylvia Besser '40BS.

The plaque will be known as the Sylvia Besser award. Each year, the name of the individual or group to receive the award will be engraved on the plaque under that of Mrs. Besser, and a certificate similar to the one she received will be presented to the honored recipient.

Mrs. Besser began work with the agency in Jan., 1951. Although several qualified social workers were available at China Lake at that time, they all felt too close to the people of the area, and contended

that a stranger would be more successful because people would feel freer to discuss intimate problems.

Dr. Eli Besser, a new arrival at China Lake, and his wife, Sylvia, who had several years experience as a social worker and was completing a course of study at the University of Minnesota, were contacted. The outcome was that Mrs. Besser agreed to work one day a week for a period of one year.

Mrs. Besser left the agency recently to take the position of consultant in pupil personnel service at Burroughs High school in China Lake.

Speakers at the meeting at which the award was presented commended her for the many hours she had devoted to the work of the agency for which she received no remuneration.

'49

Erwin C. Welke '49BSEd, University of Minnesota audio-visual extension service adviser, has been elected president of the Education Film Library association.

Russell E. Lind '49BA, director of Bremer House for the Children's Service, Minneapolis, has been appointed as a consultant in the state department of public welfare. He is an adviser on children's institutions in the state for emotionally disturbed, dependent, neglected and handicapped children.

Robert G. Striegl '49BA, has been named zone sales manager of the Burroughs Corporation branch in Peoria, Ill. He joined Burroughs as a sales trainee in the Duluth, Minn., branch in 1949, serving as sales representative and senior sales representative there until 1953, when he transferred to the Green Bay, Wisc., branch as senior sales representative. Prior to his new appointment, he was government sales promotion representative in the North Central regional office.



R. G. Striegl

Prior to his new appointment, he was government sales promotion representative in the North Central regional office.

'51

Gloria Politano Marolt '51BA has been admitted to the New York Bar Association as an attorney and counselor-at-law. A former Hibbing girl, she is a graduate in law at Fordham. She is now associated with the law office of C. Leo Calarco, New York City.

Robert A. Henle '49BEE, '51MSEE promoted to senior engineer, is now manager of semi-conductor circuit development in Project Stretch for International Business Machines Corp., N. Y.

'52

Paul W. Maloney '51BA, '52MA has been named a section head in the employee relations unit of Esso Research and Engineering Co., Linden, N. J. He has been with the company for three years.

Curtis J. Warner '52BS(UMD) was graduated at the Johns-Manville Corp. Training Center from an advanced training course in modern sales techniques. He is a sales representative for the company's building products division at Seattle.

Richard J. Medalie '52BA has been elected case editor of the Harvard Law Review. He is a third-year student at the Harvard Law School.

Joseph R. Sterle '52BS has joined Caterpillar Tractor Co., Peoria, Ill. as a college graduate sales trainee. He will take part

in 18 months of classwork and field study of product applications before assignment to a position in the company's sales department.

Dr. Robert B. Howard '42BA, '44MB, '45MD, '52PhD has been named associate dean of the University of Minnesota medical school to serve until a permanent successor to Dr. Harold S. Diehl is named next June.

Chester Durda '52BSEd was recently sworn in as assistant county attorney by Judge Mike Dillon of district court, Minneapolis.

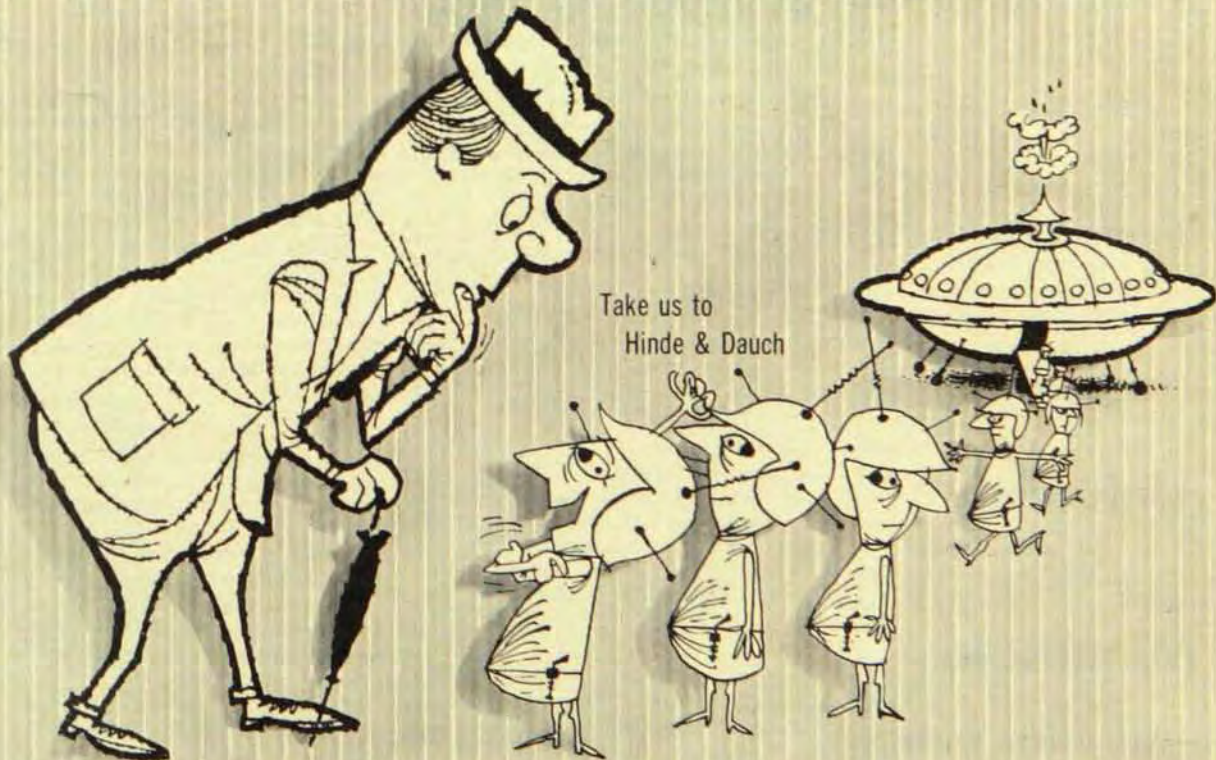
'53

Donald J. Wynnemer '53BChE who joined the research and development division of Humble Oil & Refining Co. in Oct., 1957, has been assigned to research section C., Baytown, Texas.

Robert L. Peterson '53BA has been named advertising manager of Smith Welding Equipment Corp., Minneapolis, in charge of space advertising, sales promotion programs and the company's participation in trade shows. He was formerly with the G. H. Tennant Co.

Paul A. Lee '53AB is currently studying for a PhD at Harvard.

Dr. David Gregg '49BS(Phm), '53PhD was promoted in Nov. to foreman in fine chemicals for the Upjohn Co., Kalamazoo, Mich. He joined the company in 1953,



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Correspondence Study
Department
Minneapolis 14

'54

Thomas S. Fern '52BS, '54MA has been appointed an instructor in art by Berea College, Berea, Ky.

Robert E. Bagwill '54BS recently joined the staff of Goodyear Tire & Rubber Company's plantations organization in Sumatra. He joined the company earlier this year as a member of its production training squadron. A recent graduate of the American Institute of Foreign Trade at Phoenix, Ariz., he was a member of the U. S. Army from 1954 to 1956.



R. E. Bagwill

Dr. Bertram J. Smith '50MA, '54PhD is employed as an engineer with the missile and ordnance systems department of the General Electric Co., Philadelphia. He is working on the development of the nose cone for the Atlas ICBM and Thor IRBM missiles.

Dr. William R. Moore '54PhD has been promoted to full professor of chemistry by the Massachusetts Institute of Technology.

Shirley M. Macek '54BS holds a United States Public Health Service traineeship at Yale University, New Haven, Conn. She is majoring in maternal and newborn health nursing.

'55

Germaine C. Callet '55MA recently graduated from the American Institute of Foreign Trade, Phoenix, Ariz.

First Lt. Warren O. Hartman '53BE, '55DVM recently was graduated from the officer class at the Army Medical Service meat and dairy hygiene school in Chicago.

Lt (jg.) Thomas John Kline '55BA was one of four survivors of a navy Constellation airplane crash in the Pacific in Dec. He suffered from exposure and from minor injuries suffered in the crash.

Second Lt. Dale A. Connolly '55BSAg has been newly assigned to the Bay Area Army Terminal Center, Calif., headquarters of the Army's Pacific shipping operations in the San Francisco Bay area. He is a pier officer in the Center's Cargo Operations Division at Oakland Army Terminal.

'53

Dr. Arnold G. Nelson '48MA, '53PhD has been promoted to associate professor of English at Western Michigan University, Kalamazoo. He joined the WMU faculty in 1954.

Dr. Richard Buzan Matteson '55BS, '55DDS is currently stationed in New Ulm, Germany, where he was recently married to Lynette Peebles of Tucson, Ariz.

Marlene Dorothy Sherman '55BA has won her wings as an American Airlines stewardess, and is currently assigned to flight duty out of Amon Carter Field at Ft. Worth, Tex.

Dave W. Berkey '55BA has joined Goodyear Tire & Rubber Company's International Corporation as a sales trainee in the Western Hemisphere division.

Carl Serres, Jr. '56PhD is now on the staff of the Whiting Research Laboratories of the Standard Oil Co., Ind.

Paul Arthur Renne '56AB has been selected for membership in the Harvard Voluntary Defenders at the Harvard Law School. The group assists the Boston Voluntary Defenders Committee in giving free legal aid to persons accused of crime who cannot afford counsel. He is a second-year student at the law school.

David S. Johnson '56BA has started work with the North Dakota Geological Survey.

Dr. John A. Higgins '49BA, '52MB, '56MS consultant in medicine at the Mayo Clinic, Rochester, Minn., was initiated recently into the local chapter of the Society of Sigma Xi.

Shirley Man '56BSEd is a new member of the faculty of Wellesley College, Wellesley, Mass., where she holds the rank of instructor in physical education.

John B. Ahlquist '56BChemE, '56BBA has become a member of the Monsanto Chemical Company's plastics division at St. Louis, Mo.

Sadye Travers '56BSEd is currently a major in the Army Nurse Corps at Walter Reed Army Medical Center, Washington, D. C., where she is an instructor in the operating room. She has been in the corps since 1943.

Stanley Baldinger '53BA, '56MA was congratulated recently by Secretary of State John Foster Dulles upon his graduation from Junior Foreign Service officer class. He is currently working in Washington while awaiting an overseas assignment.

'57

Neil R. Kuehl '52BA, '57MA has been named an editorial assistant in the building department of Better Homes & Gardens magazine. Before joining the publication in Des Moines, Ia., Kuehl was legislative columnist for the Red Wing, Minn., Republican Eagle.

Jon Ambrozich '57BSME is a trainee for the Canisteo District of Oliver Iron Mining Division, U. S. Steel Corp.

Richard B. Olwin '57BME has been employed by the University of California's Los Alamos Scientific Laboratory as an engineer in the Weapons Division.

Milton Dunham '56BSL, '57LLB an officer of the state conference, National Association for the Advancement of Colored People, was appointed recently as special assistant attorney general in the state highway department.

GOPHER GRAD

Grads Before 1900

Dr. Harry Gardner Wood '99-'00, on Oct. 24 at St. Mary's hospital, Rochester, Minn., after being a patient there for two years.

Clifford F. Nickerson, 85, '92-'93, in Dec. at his home in Minneapolis. He was the last surviving member of the first University of Minnesota band.

Dr. Charles P. Montgomery '96DMD, retired St. Paul dentist and former city alderman, in Nov. after a short illness.

Edwin H. Foot '95-'96, last July in Red Wing, Minn.

William Rowell Putnam '97BA, retired director and general consultant of Ebasco Services Inc., at his home in Bronxville, N. Y., following a long illness. He was 81 years of age.

Martha H. Sjoberg '02BA, July 8, in St. Paul.

Edward O. Wergedahl, 82, '99LLB, '03LLM, veteran St. Paul attorney, in Nov. He was a member of the Minnesota State Bar association and the American Bar association. Surviving are three daughters, six grandchildren and one great-grandson.

Benjamin William Wood '04LLB, in Feb., 1957, at San Francisco, Calif.

Fred A. Otto, 75, '04EE, a prominent electrical engineer at Miller hospital, St. Paul, in Nov., following a long illness. For the past 29 years he was associated with Toltz, King, Duvall, Anderson & Associates, Inc., St. Paul engineers and architects. He had planned the lighting at the St. Paul Municipal stadium and the Metropolitan stadium in Bloomington.

Irving Albert Caswell '05LLB, at his home in Orlando, Fla. in Dec. Born in Anoka, Minn., he owned and edited the

Anoka Herald from 1892 to 1902. He was elected clerk of the Minnesota Supreme court for several terms prior to 1920 and served as a member of the Republican National committee in 1912, when he managed the successful state campaign for Theodore Roosevelt. He is survived by a son, Col. Dwight W. Caswell, U. S. Air Force, Vergennes, Vt.

Dennis E. Bowe '05LLB, in Woodville Township, Waseca county, Minn., a year ago.

Roland G. Sanford '05, at Aitkin, Minn.

Ralph Stanley Stanberry '05LLB, in April, 1957 at Mason City, Ia.

FEBRUARY, 1958

Rex W. Harris '07LLB, at St. Mary's hospital, Rochester, Minn.

John O. Halverson, 77, '06BA, '07BS, retired educator, in Dec. in Tucson, Ariz.

Dr. T. J. Moore '08DDS, in Sept., 1957.

Maud H. Steward '05BA, '09MA, in Brooklyn, N. Y., where she had taught for 40 years.

Dr. R. H. Nelson '10DDS, in Missoula, Mont.

Robert C. Higgins '10DDS, in Oct., 1957.

Mrs. Fred Mortimer Williams '11BAEd, in June, 1957, at Glendale, Calif.

H. J. Rahilly '11EM, in July, 1957, in Whittier, Calif.

William A. Alexander '02BA, in Sept., 1957, at Culbertson, Mont.

Charles J. Robinson '09-'12, in Oct., 1957.

Hammond Turner '14LLB, St. Paul attorney, in March.

John C. Duan, 67, '13BA, '15LLB, Duluth attorney and a director of Minnesota Mining & Manufacturing Co., in Milwaukee, Wis., in Nov.

David Shearer, 62, '16BA, a Minneapolis attorney for 33 years, in Feb.

Dr. O. S. Wyatt, 63, '17BS, '19MB, '20MD, of a heart attack in Nov. The prominent Minneapolis surgeon was a pediatrician for 29 years, and was chief of children's surgery at General hospital and on several other hospital staffs at the time of his death.

L. C. Brooks '18BS, lumber executive, in Minneapolis on Oct. 23. Mr. Brooks was manager of the Fridley plant of the National Pole & Treating Co., a division of Minnesota & Ontario Paper Co. at the time of his death.

Marguerita Umland, 59, '24BS(HE) in Minneapolis in July. She had taught at Deer River, Belle Plaine, Fosston and Henderson, Minn., and in Minneapolis was an election judge for the third ward and nurses aid at General hospital at the time of her death.

Dr. G. P. Sanders '18BS, '25MS, an agriculture department chemist in dairy research, in Oct. at Arlington, Va. Among his achievements was the development of a method of dehydrating cheese which was employed during World War II to save space and shipping weight in the movement of food to U. S. allies. He also developed a simplified test of the bacteria count in dairy products which meant sizable savings to farmers and the dairy field.

Allan Giesen '23BS, '24MB, '25MD, at Starbuck, Minn., a year ago.

Hiram D. Beek, 56, '26BSME, Minnesota Mining & Manufacturing Co. engineering executive, in Minneapolis in August.

Harry Mattson '22FS, '26BSAg, a year ago.

Dr. Hobert C. Johnson '23BS, '25MB, '26MD, widely known North Mankato eye surgeon, of a heart condition. From 1928 to 1938 he had served as a medical missionary in Africa, and had practiced for 20 years in North Mankato prior to his death.

Dr. Arthur Ude '27DDS, of a heart attack at his home in St. Paul in Nov.

N. J. Thompson '27BSEE, former production manager for Gould-National Batteries, Inc., in May at Buffalo, N. Y. He joined the battery company in 1928, a year after graduating from the University.

Gerald Guilbert '24BA, '25BS, '26MB, '27MD, staff physician at Fort Snelling veterans administration hospital, in August.

Mrs. Floyd Erwin Drake '27BSED, in July at Los Altos, Calif.

Theodore Goodner '29BE, in Sept. at Rocky Ford, Colo.

Louis Andrew Pexa '30BSPhm, at Montgomery, Minn.

Floyd F. Kernkamp '30AeroE, in Dec. in Burbank, Calif.

Chester A. Swanson '30BA, in Minneapolis last Feb.

Romes M. Zulauf '31MA, in July, 1957.

Harold Samuel Freeman '34MA, superintendent of public instruction, South Dakota Department of Education, on May 7, 1957, at Pierre, So. Dak.

Dr. Merriam Gerard Fredricks '37BS, '39MB, '40MD, '44MS, at Duluth, Minn., in May.

Floyd M. Andrews '46BA, in Minneapolis in August. Prior to his death, he was employed by Knox Reeves Advertising, Inc.

Harry Pines '48BEE, in Los Angeles, Calif., on Sept. 29, 1957.

Arthur Burton Alford, Jr. '48MS, in June, 1957.

James A. Campbell '49BS, at Tomah, Wis., in Oct., 1957, from Hodgkins disease.

Jack Simos '48BSED, '50MS, executive director of the Indiana Children's Aid society, in St. Paul.

Dr. John Paul Street '46BS, '50MB, '51MD, a member of the Veterans hospital staff and an instructor at the University medical school, a year ago.

John Jule Herfurth '50BA, '52MS, in Los Angeles, Calif.

Lorene Marilyn Luthanen '56BS(UMD) at Ely, Minn. on Oct. 14.



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B. Modern Book Rack (pictured with tray). Price for members, \$2.65; non-members, \$3.65. Postage 15¢ in U.S., possessions, Canada, Mexico and APO addresses. Elsewhere, 25¢.



C.

C. RCA Victor Record featuring University of Minnesota Full Combined Concert Band and Chorus. Price, postpaid, for members, \$3.75; others, \$5.00.

D. Minnesota Chair for home, office or studio. Black, with Minnesota seal silk screened in gold. Price, \$27.50. Express collect.



D.

E. Maroon and Gold University Playing Cards. Twin deck carton. Prices, postpaid, for members, 2.50; non-members, \$3.50.

F. Official University Ring. 10K gold ring with maroon synthetic garnet. 10 penny-weight, \$31.35. 12 penny-weight, \$33.00. 14 penny-weight, \$36.30. (tax, postage included).



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MARCH, 1958

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JUANITA PACIFICO OPSTEIN '47BA *Editor*
EDWIN L. HAISLET '31BSEd *Managing Editor*

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Honorary Life Association Members: Dr. J. L. Morrill, President of the University; Gerald T. Mullin, retired state senator (35th district).

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Cover Story

When the University of Minnesota celebrated Feb. 27 as Charter Day marking the University's 107th birthday, a special historical pageant was presented in Northrop auditorium. In the middle of the pageant, a gentleman—deep voiced but soft spoken—stepped to the center of the stage and said, "No . . . it's out of the question. . . . I'm completely unfit for the job." The character portrayed was John Sargeant Pillsbury. The moment: when Pillsbury was first asked to become a regent of the University. The era: a financial crisis in University history when "turkeys roosted in Old Main" and there was no money to pay the University's debt. Graduate student Alan Peabody portrayed the part of Pillsbury who, as everyone knows, finally agreed to take the job. More than 50 years ago, alumni already had begun to realize the debt owed the astute Pillsbury and near Burton hall erected a statue in his honor. Peabody agreed to give our readers a comparison. Wally Zambino took the photo.

Views of authors appearing in Gopher Grad in no way reflect the opinions of the MAA or the Gopher Grad.

GOPHER GRAD

Back Talk

Footnote to Newsnote

Editor:

For correction and amplification of your files, you might make a note of the fact that Fred Williams '09 and the late Mrs. Elsie Switzer Williams '11BSEd (whose death was recorded in your last issue) were the parents of Mr. Raymond Williams, recently appointed as director of the Minneapolis Public Library.

William Hamilton '10BA
Dayton, Ohio

No Arts Scholarships?

Editor:

... in reference to startling national and international events, I notice the Greater University Fund has now made an award in physics, only one phase of chemistry and I have no idea how many in mathematics.

I would think more foreign languages, especially Russian and German, would be included. I am not in sympathy with educational programs that get away from basic subjects.

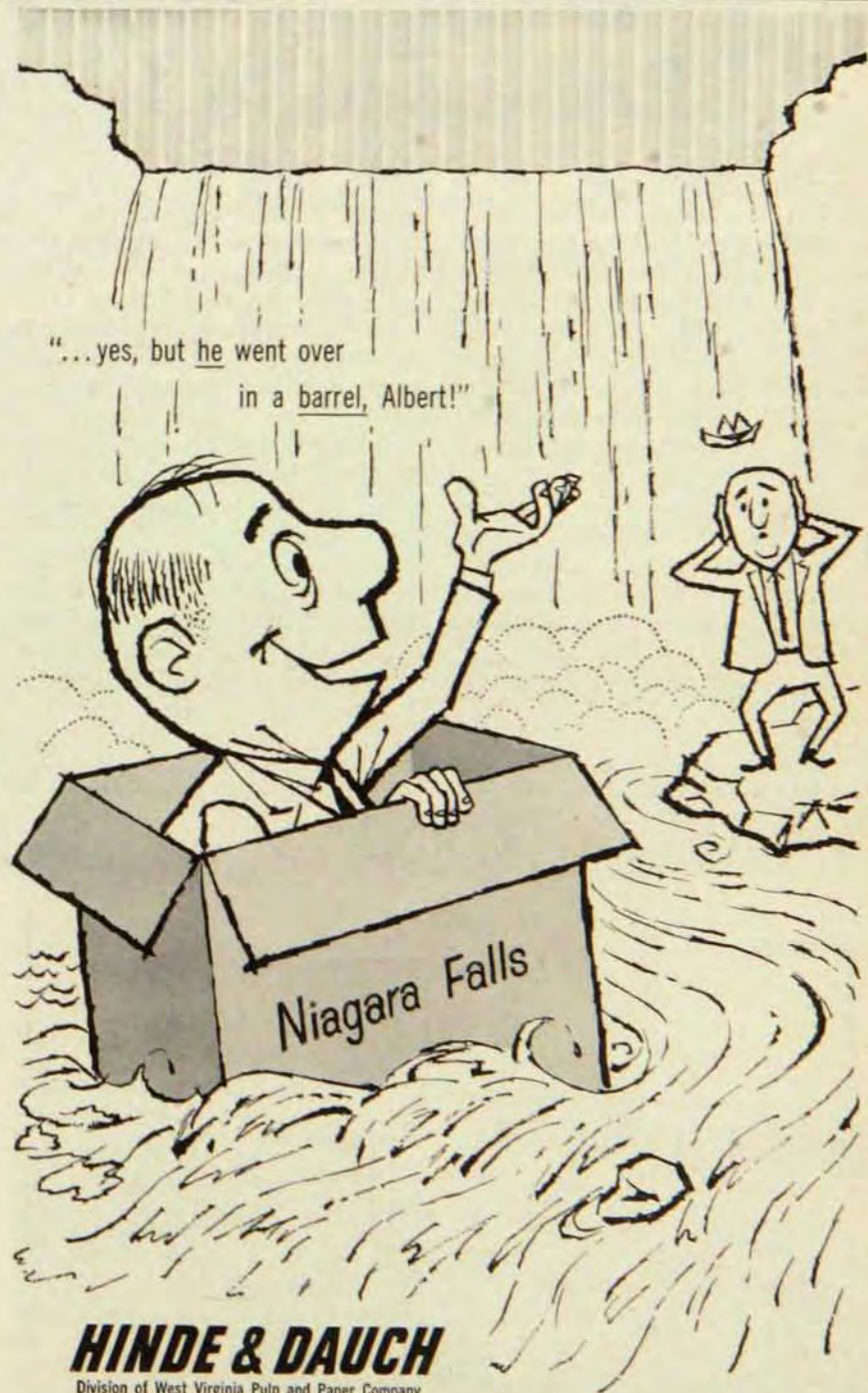
I do not consider political science, speech or art worthy of scholarships.

J. H. Boehlke
Plainview, Minn.

(The Greater University Fund fellowship program, under the direction of Dean T. C. Blegen, Graduate school, gives special emphasis to the non-physical science field because of the predominance of physical science fellowships through other campus programs. This is not to imply that the finest possible job is not being done in the sciences but rather that the University feels a basic responsibility in all areas of higher education. If an alumnus of our University such as Harold Stassen could come up with the solution in the disarmament picture, there is no doubt that his contribution would be as great as a science discovery by one of our science graduates. As the MAA

MARCH, 1958

President Leif Strand pointed out, the President of the United States said the nation has need "not only of Einsteins and Steinmezes, but also Washingtons and Emersons." It would seem that the lesson to be gained is that all of America needs more outstanding young men and women such as have been helped by awards of the Greater University Fund. We hope you'll agree that their particular field of study must be, in the final analysis, less important than the fact that they make their contribution to better our society and the world. —Ed.)



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Building plans readied
for west river campus--

University Building Budget Presented to Legislators

University officials met in February with members of the legislative interim building commission to discuss the need for a \$24,417,037 request to the 1959 Legislature which, if granted, would launch a 12-year expansion program geared to accommodate 47,000 students by 1970.

The money, officials said, would be used for construction of new buildings, the acquisition of necessary land and the remodeling of old buildings. At present, the three campuses have 25,500 students, an enrollment expected to double within the next twelve years.

The overall program, based on

original studies of needs and recommendations of the interim commission of 1957, concerns expansion and renovation on all three campuses — Minneapolis, St. Paul, and Duluth — as well as for eight agricultural stations located throughout the state.

University officials and commission members talked of plans which called for the apportionment of funds as follows:

Minneapolis campus . . .	\$17,675,037
St. Paul campus	3,347,000
Duluth campus	2,446,000
Agricultural stations . . .	949,000

Largest single item is for money

to build a new 'home' for science, literature and the arts. This building would be the first to go from the drawing board to the new west river campus area across the Mississippi. Present plans call for the building to be near Twentieth avenue S., close to the west end of the proposed Washington avenue bridge.

On the drawing board, this building is a 12-story skyscraper, shaped into a square with one side missing. The sides parallel to each other will be walkup classrooms, four stories in height. The third side would be 12 stories high, the first four stories for classrooms and the rest for offices.

The new building for SLA (which college will be grouped around the east and west ends of the new Washington avenue bridge) is expected to cost approximately \$7,564,000.

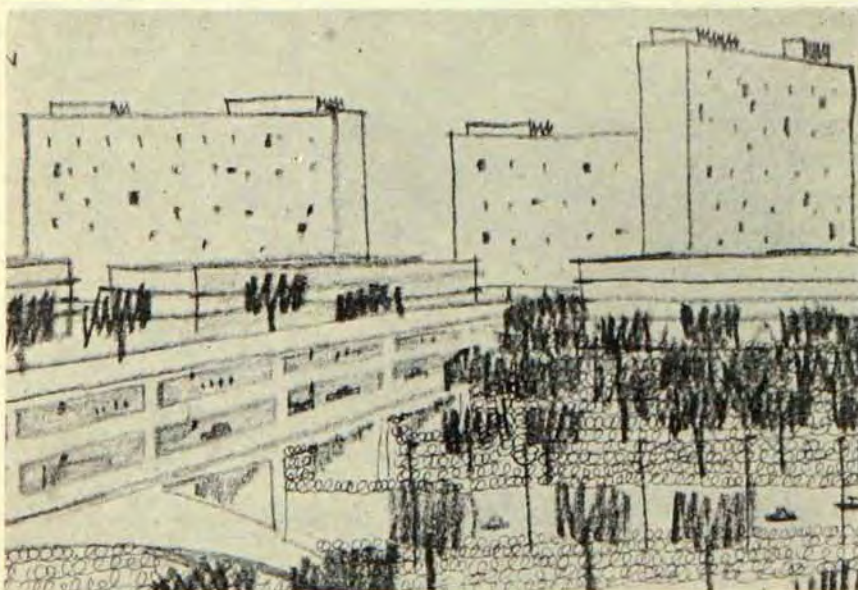
For a classroom building to be located at the opposite end of the bridge (on the present or east campus), the university is requesting \$2,520,000. The new structure is expected to be the size of Folwell hall, located on the corner of University avenue and 15th street.

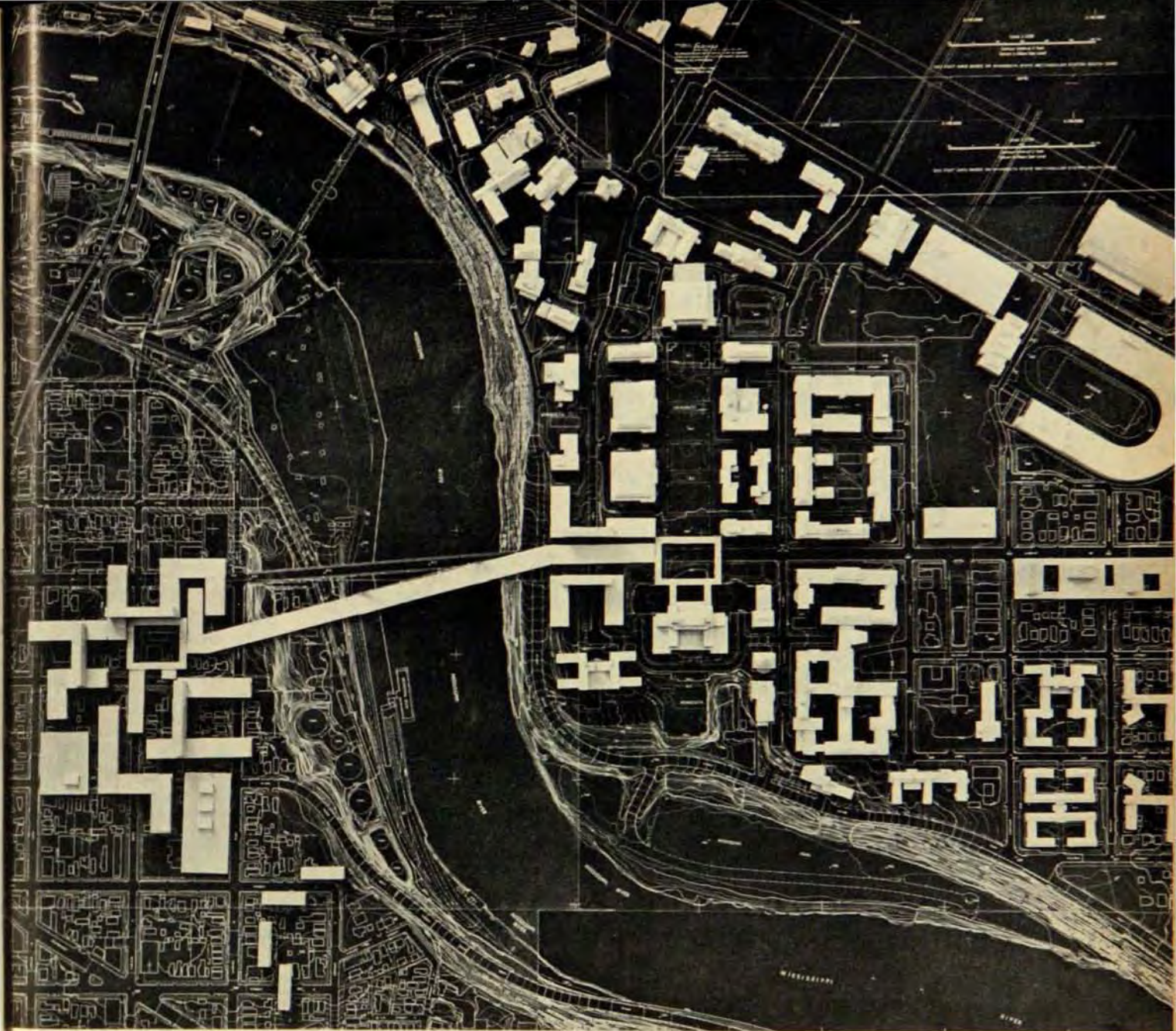
Other buildings requested for the areas at both ends of the proposed new bridge:

A new school of business administration in the west area: \$2,124,000.

A dormitory and food service center in the west area: \$795,826. (This is figured as about 25 per cent

One of the 'sky scrapers' pictured below is slated for construction if the 1959 Legislature votes to launch the expansion program aimed for completion by 1970. Sketch by Geretz.





The 1959-60 appropriation requested would make possible the construction of first buildings which will be grouped at bridge entrance in east and west campus areas. Three-dimensional model (above) gives an idea of the completed campus in 1970.

of the cost. The balance would be financed by the university on a long-term loan.)

Four other construction jobs were proposed to increase and improve facilities. They are: An addition to the chemical storehouse on Como which also will be used, temporarily, for library book storage, \$504,000; a scientific apparatus shop, \$175,000; a new wing on Scott hall, \$336,000, and a wing on Shevlin hall to facilitate food service and study, \$120,000.

Eight major rehabilitation and remodeling jobs are included in the request. Some of them, such as the library, chemistry building and Jackson hall, are to be built in later phases of the program.

A special utilities request for \$535,000 would run steam heating pipes across the river from the main campus heating plant to the West River area.

The only land acquisition requests were for small parcels on the north end of the campus for park-

ing lots and other such purposes.

Duluth branch proposals totaled \$2,446,000. One of the most pressing needs on the 174-acre campus is for a new industrial education building, according to Ray Darland, UMD provost. The school now is using "Old Main" of Duluth State Teachers college—described as highly inflammable. First phase of the building costs \$950,000.

Second highest item in the Duluth request was \$850,000 for a new classroom building.

Search For New Athletic Fields

Like the camel that put one foot in the tent and eventually took over all of it, present University expansion plans appear to leave less and less space for intercollegiate athletics on the Minneapolis campus.

To date, no specific proposals have been made for *how* or *where* these facilities can be expanded to meet the needs of 38,000 students expected at the Minneapolis campus by 1970. Those concerned also point out that this is more than a student problem: each year between now and 1970, there will be an ever-increasing number of alumni who will be spectators in intercollegiate sports.

Plans now under consideration call for the displacement of three gridirons and one practice field, (see map).

The practice field—between the Armory and aeronautical engineering—is already slated to go. In the future, the architecture-engineering building will be occupying this area.

As a stop-gap, the Board of Regents recently approved construction of another field on land east of the Washington avenue parking ramp and south of Memorial stadium. However, Athletic Director Ike Armstrong is urging an orderly plan for expansion to forestall any future measures of expediency while permitting what he termed a "thoughtful, efficient pattern of growth."

Armstrong emphasized, also, that

Four areas to be displaced by new academic building—

land acquisitions for sports fields should be close to existing fields in order to make maximum use of

present facilities such as lockers and showers.

The Board of Regents is reported considering a proposal to commit the land immediately north of Fourth street for athletic purposes. Boundaries would be Fourth street on one side and the railroad tracks which at present shape the area into a steel-ribbed half moon.

Total land space would be approximately 17 acres.

Land acquired in the Regents' latest action (across from the Washington avenue parking ramp) is in the vicinity of facilities in Memorial stadium. This same guide to selection of future athletic sites presumably was a factor in the suggestion concerning acquisition of land north of Fourth street. A portion of this area is already occupied by tennis and handball courts serviced by facilities in Williams arena.

Winston Close '27BSArch, University advisory architect, said these courts, together with two parking lots owned by the University, now comprise more than one half of the Fourth street area in question.

Close added that he believed development of athletic facilities across Fourth street (opposite Wil-

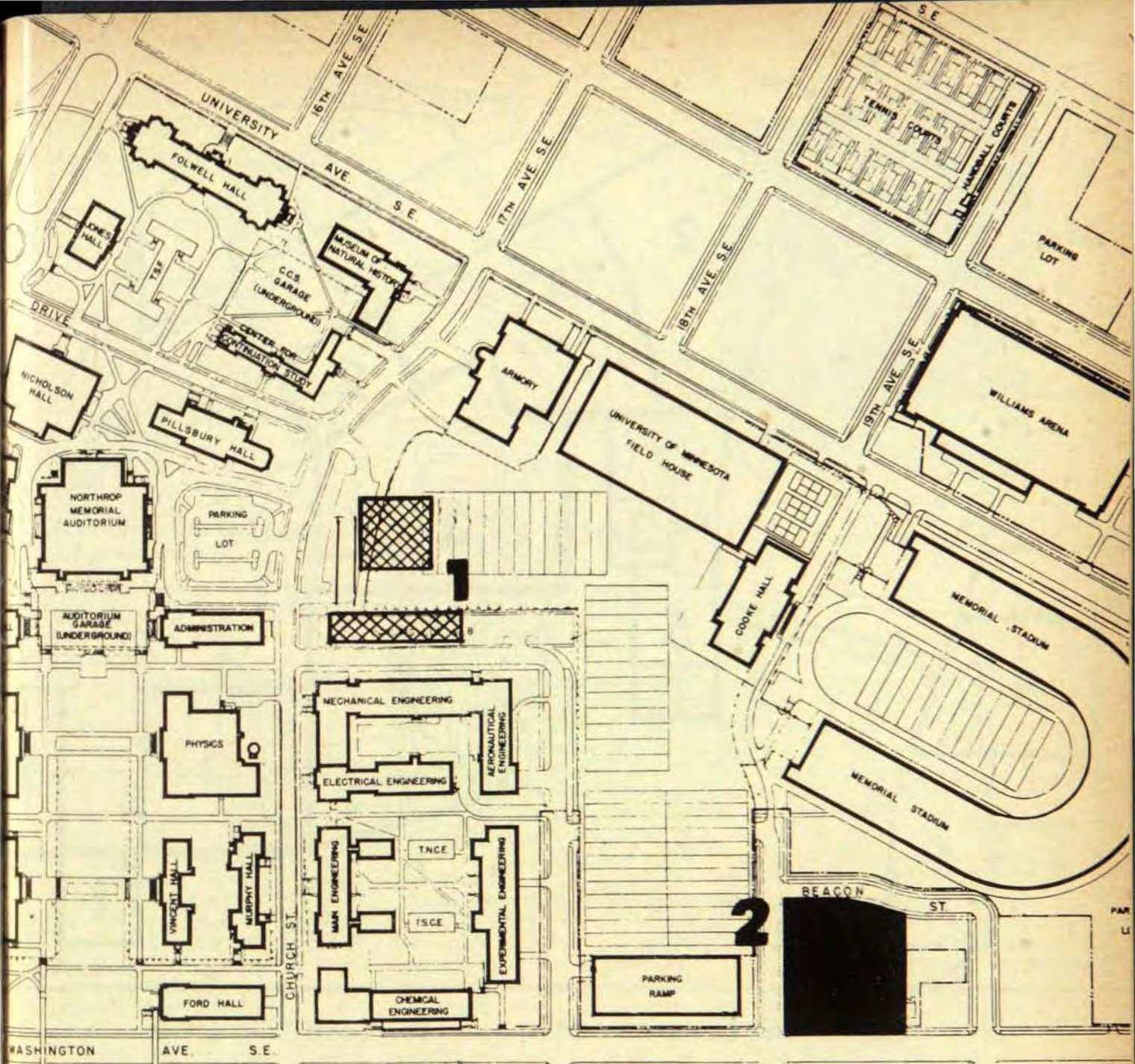
Correction


In the University expansion issue last month, the *Gopher Grad* reported a Board of Regents action which approved a new home for the school of architecture and incorrectly reported that *the total cost of the project, including both building and land, was estimated at \$77,500.*


The Regents' action referred to in the boxed note of the expansion magazine pertained merely to the value of land to replace the physical education-athletic area which would be used as the site of the new building.

The 1957 Legislature approved \$1,908,000 for the new architecture-engineering building which is now being planned by Thorshov & Cerny Architects, Mpls.

(A map indicating the area which would be lost to the athletic department and the area to replace the field appears on the opposite page.)



 Architecture-engineering buildings and entrance area

 Designated for athletic area

Minneapolis Campus—Architecture-Athletics 'Exchange'

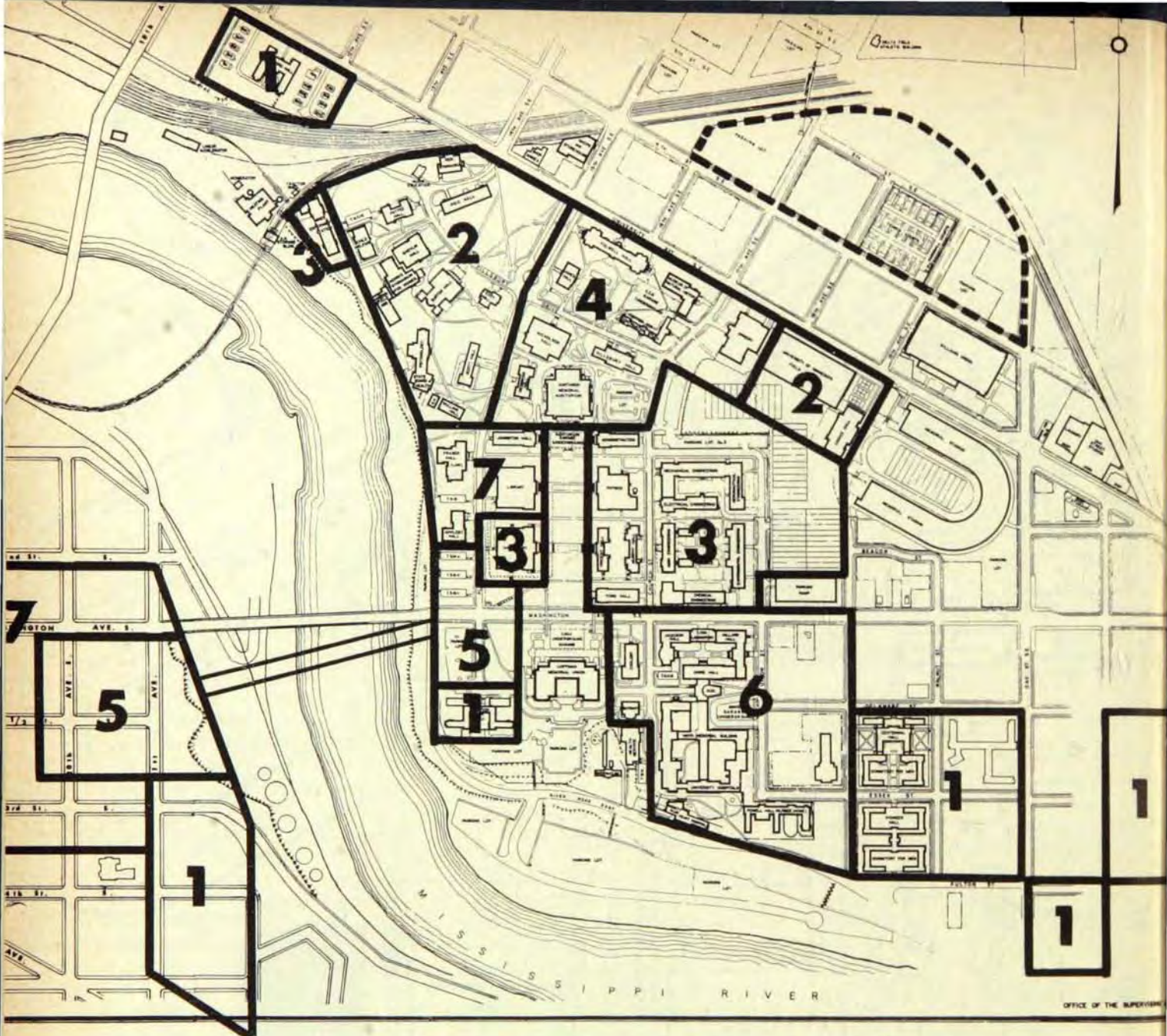
The campus of the future will have a two-part architecture-engineering building with an entrance way (1), occupying part of the space where an athletic field is now. As an alternative field, the Regents have designated an area on Beacon St. across from Memorial Stadium (2) for athletic facilities. Note that proposed new building (just above numeral 1) occupies one of four rectangles denoting athletic fields. As present, the other three fields will continue to be used for athletics. (See map on following page for proposed use of this same area.)

liams arena) and up along the far side of Fourth street would not interfere with the religious foundations and fraternity houses lining Seventeenth avenue.

Pres. J. L. Morrill, knowing that

facilities for intercollegiate athletics eventually would have to be studied in the light of a growing student body, appointed a 12-man stadium study committee last November. He charged them with the re-

sponsibility of counseling with the President and the Regents on the question of "whether the present stadium should be remodeled and expanded or a new stadium erected in the coming years."



Minneapolis Campus—Proposals for Land Use, 1970

Area north of Fourth street and bounded by railroad tracks (marked by dotted line, top right) has been suggested as a possible site for the expansion of athletic facilities. A part of this area is already owned by the University. The entire site totals about 17 acres. Note that pictured just below Memorial stadium is the Beacon Street area which, through recent action of the Regents, was designated for athletics (see map on preceding page). Proposals already made for land use and the only proposals officially presented to date are indicated by numbers, (above). These are:

1. Housing projects will fringe the east and west sites.
2. Education (if not moved across the river in place of general college) will expand in its present location, north side of campus. (Note that the field house and Cooke hall, as a part of physical education, are included in this particular division of land.)
3. Institute of technology will move westward to the mall, occupying buildings now housing business, administrative offices and some parts of SLA.
4. Administration and public services would be grouped on the north side of the present campus, probably occupying Folwell, Jones and Pillsbury halls. The center for continuation study would remain as it is, possibly with overflow into Nicholson hall across the street.
5. SLA would be grouped on both sides of the bridge, with those units which might serve the sciences on the east.
6. Medical Sciences would continue to develop in growing space two blocks east of Mayo Memorial and Millard hall.
7. On the east side (just above IT), law and pharmacy would form a professional area in their locations just west of the main library; on the west side, (forming a belt around the new campus area) will be parking lots and other service areas.

Comedy and Canal Building In *Dragon Wang's River*

ENGINEER IN CHINA

China — one of the oldest civilizations of our times — contains very few traces of antiquity and many fewer than most people think, according to the Norwegian author of *Dragon Wang's River*, published last year by the John Day Company of New York.

Sigurd Eliassen, 1918 graduate in engineering whose home is in Oslo, believes that not only the Great Wall but also most all of China has been destroyed and rebuilt many times. In a letter to the editors of *Gopher Grad* who asked Eliassen for the personal observations underlying his statement that "nothing goes back very far, only a few hundred years," the author replied:

"China's history, as you know, is one long tale of destructive wars, either expansive, defensive or civil. So when one remembers that clay and wood have been China's chief building materials, then it becomes understandable that not so much remains from olden times, even considering the size of the country.

"What we think of as the old indestructible wall of China . . . was not built all at one time. It was started by the book-burning emperor Ch'in Shih Huang (221-206 B.C.) and continued off and on by other emperors, whenever China was threatened by invasions from the north. The wall we see near Peking is not the first emperor's work. If I am not mistaken, it was first built 700 years later, destroyed afterward and again rebuilt by Ming emperors in the 16th century.

"And, more than what was on the ground was destroyed. Even the graves were robbed — the rulers themselves led the way.

Among the few traces of ancient civilization, Eliassen (who traveled most of North China on foot while building the canal which is the subject of his book) said:

"I have seen a beautiful stone arch bridge — high and dry because the river left it — built in the Sui dynasty (589-618 A.D.). The famous Marco Polo bridge near Peking apparently was built during this same period.

"The Sui dynasty is as famous for its bridge construction as is the Wei dynasty (386-534) for its grotto sculptures. Perhaps most famous of these Buddhistic grottos are the ones at Tun Huang in northwestern Kansu. Here, also, are wonderful mural paintings preserved from the days when Tun Huang was a cultural center.

"In addition, there are the pagodas of the Tang period. The tall Iron Pagoda in Kaifeng was painted for me by my wife, also a Minnesota graduate, incidentally."

In *Dragon Wang's River*, Eliassen sums up his feeling on Chinese antiquity by writing, "Give me Athens and ancient Rome. There's something left there."

Dragon Wang's River (\$4.00) is a story of comedy and frustration, an offshoot of Eliassen's project to irrigate the entire Chinese province of Shensi by building a giant canal.

The engineering problems of the assignment, although tremendous, were minor by comparison to the complications from the Chinese people he was trying to help. For example, the farmers of the high plateaus threatened to wage war if the "Great Foreigner" did not give them water, also — a matter which would involve building a dam 300



"Great Foreigner" Eliassen (center) with his wife (right) and his secretary (left), whom he describes as "a real Chinese scholar of the old school."

feet high and digging a tunnel one and a half miles long through a mountain. At the same time, the engineer was warned by the lowland farmers that his engineering had to comply with the humor of the spirits: he could not cut his canal in a straight line because the river spirits would be angered. The route of the spirits, the Chinese warned, was a meandering one and to disrupt their course would bring disaster upon everyone concerned.

The engineer's efforts were further hampered by a beautiful but politically ambitious Chinese lady, whose wicked and grasping son did not stop at murder in his attempt to prevent completion of the canal.

There were also floods, epidemics, bandits and guerilla soldiers before the project, begun in about 1933, was completed four years later. His thousands of Chinese laborers, some of whom lost their legs in the cold even before they began the job, had made the excavation by hand with pick and shovel, carrying a million cubic yards of earth and stone in woven baskets up narrow steps chipped out of the vertical walls of the canal.

In the end, the thirsty plains were green again — a miracle, the author found, which was the result of modern engineering methods and the wisdom of ancient China.

*Highlights are Monte Carlo,
Brussel's World's Fair--*

Lower Rates Announced For MAA European Tour

The inquiry response to the European Tour Program especially arranged for the MAA has been very great. There are new lower rates in effect for the tour due to new air service between Europe and the United States as noted below.

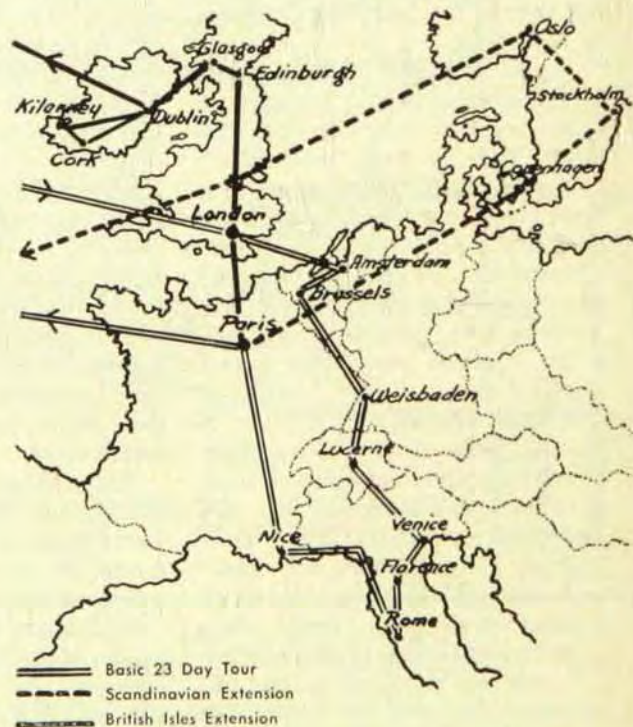
The tours have been arranged to provide alumni, their friends and associates of the University with the opportunity to travel abroad together.

Planned by experienced travelers, the itinerary includes the worthwhile things of Europe . . . fascinating gay capital cities . . . off-the-beaten-path villages . . . tiny story book towns . . . renown resorts . . . breath-taking scenery; and the art, architecture, historical and cultural background of the Old World. There is fun, romance and adventure too, awaiting you.

You will note the amount of "free" time the tour affords. This is not wasted time . . . it will add to your treasury of adventure. Your European Courier will be available to stroll with you to out-of-the-way places seldom visited by American tourists . . . and to help you discover and enjoy colorful evening entertainments. Of course, ample free time can always be used for shopping and picking up many of the bargains that have made Europe so popular with the traveling American public.

The cost of the tour and extensions includes round-trip economy class air service as well as other flights as mentioned in the itinerary; airport taxes; first class rail transportation and the very best motor coaches are used. Accommodations are at first class hotels throughout. All breakfasts (continental) and dinners are included as well as all lunches while enroute in Europe except for Paris and London where only breakfasts are included. Certain meals have been omitted from the tour to permit passengers to select their own restaurants in the famous cities.

Travel arrangements are being made by Gibbs Tours of Chicago, leading operator of travel for the Big Ten. Additional information can be secured by returning the coupon on the opposite page.



New, Lower Rate

Due to the installation of the "Thriftair" Economy air service aboard KLM, the following rates will be effective on MAA Tours. (Subject to Government Approval)

BASIC 23 DAY TOURS.....	\$1,059.00
Scandinavian Extension (Add).....	272.00
British Isles Extension (Add).....	190.00
Both Extensions (Add).....	457.00

(British Isles Extension can be taken after concluding Scandinavian tour. Daily schedule appears at right).

1st - June 25	August 16	Leave New York via KLM, Royal Dutch Airlines
2nd - June 26	August 17	Arrive London, city sightseeing, evening free
3rd - June 27	August 18	Morning free in London, afternoon sightseeing
4th - June 28	August 19	Flight to Amsterdam, motor tour to Volendam
5th - June 29	August 20	Morning sightseeing, afternoon flight to Brussels
6th - June 30	August 21	City sightseeing and afternoon at World's Fair
7th - July 1	August 22	Motor to Cologne and along Rhine to Weisbaden
8th - July 2	August 23	Motor from Weisbaden through Black Forest to Lucerne
9th - July 3	August 24	Sightseeing from Mt. Pilatus of unexcelled view
10th - July 4	August 25	Continue Lucerne via Milan to Venice by rail
11th - July 5	August 26	Sightseeing of Venice by foot and gondola
12th - July 6	August 27	Morning train ride to Florence, afternoon free
13th - July 7	August 28	Sightseeing Florence including noted works of art
14th - July 8	August 29	Continue by rail to Rome, afternoon free in Rome
15th - July 9	August 30	Half day sightseeing: Vatican, Trevi Fountain, etc.
16th - July 10	August 31	Ancient Rome sightseeing, afternoon is free
17th - July 11	Sept. 1	Rail to Nice via Genoa and French Riviera
18th - July 12	Sept. 2	Morning free in Nice, afternoon in Monte Carlo
19th - July 13	Sept. 3	Day of leisure in Nice . . . Relax before Paris!
20th - July 14	Sept. 4	Fly Nice to Paris, afternoon free
21st - July 15	Sept. 5	Full day sightseeing from Montmartre to Eiffel
22nd - July 16	Sept. 6	Morning free, afternoon to Palace of Versailles
23rd - July 17	Sept. 7	23 Day Tour Passengers return to New York tonight
24th - July 18	Sept. 8	23 Day Tour Passengers arrive New York in morning

SCANDINAVIAN EXTENSION:

23rd - July 17	Sept. 7	Fly Paris to Copenhagen, afternoon is at leisure
24th - July 18	Sept. 8	Morning free, afternoon sightseeing of Copenhagen
25th - July 19	Sept. 9	Full day excursion along Danish Riviera to Elsinore
26th - July 20	Sept. 10	Morning free in Copenhagen then on to Stockholm
27th - July 21	Sept. 11	Sightsee Stockholm in morning, afternoon free
28th - July 22	Sept. 12	Full day excursion to Uppsala and Skokloster
29th - July 23	Sept. 13	Half day excursion to Drottningholm Palace
30th - July 24	Sept. 14	Morning free Stockholm . . . then on to Oslo, Norway
31st - July 25	Sept. 15	Morning sightseeing of Oslo, afternoon marine lore
32nd - July 26	Sept. 16	Motor launch to Oslo Fjord, overnight to New York
33rd - July 27	Sept. 17	Scandinavian Extension Passengers arrive New York

BRITISH ISLES EXTENSION:

23rd - July 17	Sept. 7	Fly Paris to Prestwick, motor to Edinburgh, Scotland
24th - July 18	Sept. 8	Morning free, afternoon sightseeing of Edinburgh
25th - July 19	Sept. 9	Full day tour of Trossachs, Loch Lomond on to Dublin
26th - July 20	Sept. 10	Morning free, afternoon sightseeing Dublin, Ireland
27th - July 21	Sept. 11	Free day in Dublin for independent activities
28th - July 22	Sept. 12	Dublin to Wexford by motor coach via coast area
29th - July 23	Sept. 13	Wexford to Cork via Tramore, Waterford, Dungarvan
30th - July 24	Sept. 14	Via Blarney Castle, Bantry Bay to Kenmare
31st - July 25	Sept. 15	Full day excursion from Kenmare: see Ring of Kerry
32nd - July 26	Sept. 16	Kenmare to Killarney, Limerick, Shannon for flight
33rd - July 27	Sept. 17	British Isles Extension Passengers arrive New York

Mr. Ed Haislet, Secretary
 Minnesota Alumni Association
 205 Coffman Memorial Union
 Minneapolis, Minnesota

Dear Ed: Please send me a more completely detailed itinerary for the MAA European Tour.

Name _____
 Address _____
 City _____ State _____

The Case for Public Education



Dear Gopher Grad:

During the past few months, a most common topic of conversation has been *what's wrong with our school system?* Many questions are being raised and many answers are being given. Newspapers and magazines are filled with articles—about the lack of mathematics and science courses being taught in our high schools, about the need for scientific education—and comparisons of our schools with the European and Russian systems. While a good deal has been said in defense of our schools, the overall inference is that our schools suffer in comparison—and are not doing a good job.

Constructive criticism is always welcome and a realistic appraisal and re-appraisal is necessary from time to time in order that we may judge our progress. Too many people, however, are taking for granted what they read about our schools without basic knowledge of the facts or the problem involved. A number of our most vocal critics are persons who have received their education in European schools or under the European system. They are without actual experience in our school system, apparently without too much factual information and completely without understanding of our democratic system.

A great deal of misinformation is being presented as actual facts. Such public misinformation is dangerous to our schools unless we as individuals *know* the true facts and, therefore, are able to assess what is or is not true. Unfortunately, few people know the facts about their own school system.

Because today we are hearing so much about foreign education, all of us owe it to ourselves to review the basic philosophy of our American educational system, its purposes and achievements. The unique connection of our schools with American democracy must be understood.

"The democratic faith created the American pattern of education. The American belief in free, public, universal education is rooted in two fundamental ideas:

"(1) If popular government is to succeed, the people must be enlightened; (2) Equal opportunity must be open to all.

"Application of these ideas has led to high

school education open to all and advanced education for a larger percentage of the people than in any other nation.

"The American attempt to provide universal twelve-year education is without parallel in history. The educational systems of most nations have usually been two-fold in character, with secondary schools for the bright, who are to become an elite, and other schools for the masses.

"Just as the purposes of the American school are unprecedented, so are its achievements. To it the American people owe the unity which has enabled them to master a continent and to forge from immigrant diversity a single people. It has helped to prevent the formation of rigid class barriers. It has fostered the diversification of talents, the ingenuity, and the productivity which have brought this society to the highest level of economic prosperity ever known. On it are based many of the great American scientific and technological advances.

"*And, perhaps most important of all, the spiritual stamina and fervor for freedom which have preserved individual liberty and guarded equality of opportunity through war and hardship have been derived from American education.*

"This majestic record has set the standard against which the rest of the world judges the value of universal education. The ideal, however, has yet to be fully realized."¹

In any appraisal of our public educational system are certain facts that must be understood. *The obligation of our public system is to all children with equivalent service rendered to all.* In the acceptance of all children, the schools recognize that they are working within a great variance of individual differences—difference in abilities, capacities, aptitudes and talents; differences in social-economic background, in health, in home environment and care, in parental influence.

Recognized, too, must be the complete dependence of our schools upon public support, *the unevenness of such support and resulting unevenness in the quality of work. Only in light of these facts are we able to appraise the job being done.*

Our schools do sift, sort, and identify the

gifted, the able, the average, the below average, and those who are handicapped. Each child is then started on a track best suited to his own ability and potential.

Our schools have many tracks—we call them courses of study: college preparatory, commercial, mechanical, industrial. Individuals who have college ability do receive the opportunity to take college preparatory work, whether they do so or not. The fact remains that our schools are doing these things now—some well, some poorly, and some indifferently. But they are being done.

One of the most severe criticisms of our public schools is that they are neglecting the teaching of mathematics and sciences. Is it true? Judge for yourself!

"It has been asserted publicly that under 12 per cent of American high school students study algebra and geometry. Yet, according to information for the year 1956-57 released by the United States Office of Education, about 67 per cent of all American students in the ninth grade studied algebra, which is a ninth-grade subject in most schools, and nearly all the remainder studied general mathematics. And in the tenth grade, at which level geometry is usually taught, 41.6 per cent of students were enrolled in that course.

"It has also been asserted publicly that under 9 per cent of American high school students study chemistry and under 5 per cent physics. In American high schools, chemistry is usually offered at the eleventh-grade level; it is designed as a course for the able students. United States Office of Education information shows that, during the school year 1956-57, the number who took chemistry was 70 per cent of the upper half of the entire eleventh-grade enrollment in that year. Physics is usually offered in the twelfth grade. Like chemistry, it should not be required of those in the lower half in terms of academic ability. The number of students who studied physics in 1956-57 equalled 50 per cent of the upper half of the entire twelfth-grade enrollment.

"Similarly, it has been alleged that about half of American high schools do not offer courses in both chemistry and physics. This statement supposedly demonstrates that the opportunities of American high school students for scientific study are meager. Actually, 18 per cent of those senior high schools which have a twelfth grade failed to offer either chemistry or physics in 1956-57, according to reports of the United States Office of Education. But these schools are small—so small, in fact, that they enroll less than 5 per cent of American twelfth-graders"²

Today in this great age of technology, the emphasis in education is to produce more highly-trained scientists. There can be no argument that improved opportunity must be presented to those individuals *who are capable* of scientific excellence. But, scientific education is not the *only* need of America today. Fully as important as progress in science are the promotion of American democracy and the preservation of peace. Survival in this age may be staked on science, but the building of peace calls for knowledge, insights, and abilities of many kinds. Thus, the philosopher, the historian, the social scientist, the student of language and literature, share with the scientist the promise of the future. The success of democracy rests on wise citizen participation in public affairs and on respect for the individual, wherever his talents lie. American belief in the dignity of the individual must not be diluted by contemporary anxieties.

"The real need is for those qualities of mind and spirit which will enable the American people to survive in times of tension and to achieve their own ideals. The preservation of democracy, the building of a lasting peace, and the guarantee of respect for the dignity of each human being—all demand an education of such scope and diversity as to enable every American child to rise to his own best potential."³

An appraisal of our educational system would

(continued on page 16)

Ed Haulet

Dr. Ralph D. Casey has no intention of "sitting around in carpet slippers" after his retirement next June as director of the University's school of journalism.

And although Casey says he has made "no definite plans," he mentions teaching as a possibility. However, one thing is certain. The man who has piloted Northwest journalism training for 28 years will continue to serve journalism, whether as a teacher or in some other capacity.

Dr. Robert L. Jones, who holds two Minnesota graduate degrees, will take over as Casey's successor on July 1. He is presently the director of the school's research division, and has been a member of the faculty since 1952. Jones says that his succession will not mean an end to the "Casey Era." Rather it will be a continuation of Casey's policies.

These policies, in the words of Pres. J. L. Morrill, have "made our own school of journalism one of the country's greatest." They include a tradition of teaching, service and research in journalism.

Casey, a slow-voiced man with a fondness for cigars, is singularly unsuited for consignment to the "carpet slipper" set. Since 1940, when William J. Murphy Hall was dedicated as the new "home" of the department of journalism, he has conducted his administrative duties from a spacious office adjoining the department office. The office, with its book-lined walls, cluttered tables and stacks of journals, newspapers and pamphlets, is the epitome of orderly confusion.

In addition to his administrative duties, Dr. Casey teaches a fall quarter senior-graduate course in communication agencies, public opinion and propaganda, and also a seminar in this area.

His "extra-curricular" activities since appointment as director have also been impressive.

He is a distinguished service member of the American Society of Newspaper Editors, a distinction of which he is justifiably proud. Few journalism faculty members are offered memberships.

Casey's interest in research was

Journalism Director writes "30"
to 'U' teaching career--

No Carpet Slippers For Doctor Casey

By

Bev Mindrum

Staff Writer

shown early in his career. In 1930, shortly after arrival in Minnesota, he was appointed a member of the Committee on Pressure Groups and Propaganda of the Social Science Research Council, a position he held for four years. He edited the *Journalism Quarterly* from 1935 to 1945, and in 1944 established at Minnesota the first formally-organized research division in an American school of journalism.

He served as a member of the American Council on Education for Journalism from 1931 to 1955. The function of this organization is the accrediting of schools of journalism.

During World War II, Casey was a consultant to the Office of War Information and to the Bureau of the Budget, Washington, D.C. He also participated in studies undertaken by the Commission on Freedom of the Press and, in the summer of 1947 (under the sponsorship of UNESCO), he served with the Commission on Technical News of Press, Radio and Film. The commission met in Paris to prepare recommendations for restoration of newspapers, radio stations and film

production establishments which suffered serious damage during the war.

Casey has twice served—in 1931 and in 1957—as president of the Association of Schools and Departments of Journalism.

Nationally known for his work in public opinion and propaganda, Casey has collaborated on two books on the subject. In 1935, the University of Minnesota Press printed *Propaganda and Promotional Activities*, which he prepared in collaboration with H. D. Lasswell and B. L. Smith. The same team produced *Propaganda, Communication and Public Opinion*. This volume won two national research awards for Casey and his collaborators—the 1946 Sigma Delta Chi award for research in journalism and the 1946 Kappa Tau Alpha award.

The Caseys share a love of travel, and each summer usually finds them making plans for motor trips. Mrs. Casey accompanied her husband to the British Isles, where he studied British political party propaganda under a Guggenheim Fel-



The University's Dr. Ralph D. Casey will retire in June after 28 years of directing the progress of the school of journalism. His successor, Dr. Robert L. Jones, says there will not be an end to the "Casey Era," even though Casey is no longer "at the bat."

lowship in 1937-38. Since both are "transplants" from Seattle, they share a fondness for the West Coast and they have made frequent summer journeys to this area.

It was in Seattle that Casey began his career in journalism. While still in high school he had been a correspondent for the *Seattle Post-Intelligencer*. It was only natural that when he entered the University of Washington, he entered as a journalism major in the news-editing sequence. It was also a natural transition from high school to college correspondent for the *Post-Intelligencer*. "By that time I knew

my way around on the newspaper staff," Casey says.

During the summers, he worked for the paper full-time, and he became a general assignment reporter the year he received his BA degree, having done a minor work in political science, English and philosophy.

On the *Post Intelligencer*, he advanced from general assignment to political reporter and then assistant city editor.

In 1921, Casey—with a background of political writer, editor, and three years of teaching—decided in favor of big city reporting. He made two important moves: he

joined the *New York Herald* and married Lois Osborne of Seattle.

Within two years, the homesick couple were back on the West Coast.

Casey was teaching at the University of Oregon when he received his MA in political science at the University of Washington, earned by taking morning seminars and summer session classes during his Seattle newspaper days. In 1927, the Caseys went to the University of Wisconsin, where Casey was offered a teaching assistantship while working for his PhD in political science. During his second year there, he held the fellowship in political science.

President Lotus Delta Coffman invited Casey to the University of Minnesota in 1930.

Far advanced from a feeble beginning in 1910, journalism training at the University had received aid and stimulus from the original bequest of William J. Murphy, publisher of the *Minneapolis Tribune*, at the time Casey arrived in Minneapolis. Under Casey's leadership, the department became a school—noted for its coordination of basic training in journalism with a liberal arts integration.

"Our curriculum has been widely developed to take in the different types of media," Casey says. "Important has been the coordination of work in journalism with social studies and other disciplines.

"Student enrollment when I came here was good in terms of the demand for journalism graduates. But with the development of a broader base of instruction, the enrollment has steadily increased."

Both Casey and Jones emphasize the school's objective of producing professionals and then continuing to serve them. "We've had the closest ties with professional communications groups," Casey says.

It is Casey's conviction that specialization in journalism—such as news writing or advertising—cannot be divided into separate little segments. "Broad training is important, whether you become a weekly newspaper editor or an ad-



Dr. Robert L. Jones plans no end to the "Casey Era" although its leader retires in June. Jones will be the second director of journalism in the history of the University.

vertising man," he says. He points to the records of school of journalism graduates to emphasize the success of the broad training program. "The record of distinction among alumni is exceptional," he observes.

Principal among the "tools" that Casey has left at the disposal of his successor is a staff of qualified men with diversified talents and national status.

"This," says Jones, "is what I call a pretty doggone formidable group. It has talent in all areas of journalism — advertising, radio-television, magazines, public relations and, of course, daily and weekly newspapering all over the place."

The "personal touch" has always been as much a part of the curriculum as Journ. 13, 14, 15. Casey is well-known for his unwavering support of a serious student and his undisguised discontent with the casual one.

When the State University of Montana offered him his first teaching job, Casey accepted because, as he says, he thought teaching might be "interesting."

This speculation turned into a 28-year reality, created a respected department of journalism for the University, launched thousands of appreciative students into their life work and speeded a new national understanding of the importance of a free press in a free society.

The Case for Public Education.

(continued from page 13)

not be complete without a quick glance at some of the serious problems facing our schools today:

Overcrowded classrooms; inadequate and obsolete facilities; underpaid teachers; The inability to recruit and hold teachers; A declining teacher prestige; An uneven quality of work within our school system.

All of us expect the best possible education for

The quotations used in this article are from *The Contemporary Challenge to American Education*, a publication of the Educational Policies Commission which is part of the National Education Association of the United States and the American Association of School Administrators. Quotation No. 1 is on pp. 6-7, No. 2 on pp. 19-20, and No. 3 on pp. 5-6. The editors highly commend this publication to those interested in the problems of American education.

our children. We want the best trained teachers available. We want the best possible guidance

and counseling service. We want the best possible educational opportunity for all students. We expect improved instruction in all subjects, including mathematics, sciences, and language. *But we don't want to pay for it.*

Our obligation is crystal-clear. The teaching profession must be strengthened. We must improve the social status of the teacher; we must provide better equipped schools; we must pay salaries commensurate to the importance of the job being done. Only in this way will our schools be able to attract the best people to the teaching field — and hold them. Only in this way will our schools remain strong.

The schools of the country belong to us. The principle of public support and lay control of public education is a part of our heritage. Our public schools need no defense of what they are doing — only adequate support. In this world of today, when the survival of our nation is more than ever dependent upon how well our schools do their job, there can be only one answer:

The schools must come first — first in our thinking and first in our financial support. That is the case for the public schools.

Sincerely,

Ed Havel

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Theater Troupe Goes Abroad



View of modern Rio de Janeiro, seaport and capital of Brazil.

Bringing university theater to drama lovers overseas has kept Minnesota's theater people busy while launching them into an experience of travel seldom possible for college students. A troupe of 14 players is now on 10-week tour in the Far East, at present performing *I Remember Mama* in Japan after a long stand before military personnel in Korea. Okinawa and Formosa are also on the schedule.

Within the past two years, 27 players have given performances (*Midsummer Night's Dream*) in a three-week tour of Germany and France along with performances (*Midsummer* and *Our Town*) in Brazil. This latest trip, like the first, is to play for American servicemen and is under the auspices of the U.S. Department of Defense.

Pictured here are scenes from the South American visit where the suitcase set represented the American National Theater Academy as a part of the International Exchange Program of the state department. In Belem, Brazil, University Theater Director Frank M. Whiting '41PhD said that opening night was "in an old opera house built by rubber barons in 1889, in a city of faded glory—sidewalks crumbling, much poverty and the jungle ready to reclaim the ruins."

For Germany and Japan, players boarded a Military Air Transport Ship like the one below. On the ramp (left to right): Gary Schulz, junior in SLA; Gerald Ness '56BSEd; Myrle Jensen '57BSEd; Janice Thayer, senior in education; and Donald Borchardt, graduate student.

In Germany, players met Pfc. Jerry Lind '56BA (inset), one of many alumni encountered during the tour. (Flight to South America was by commercial plane.)



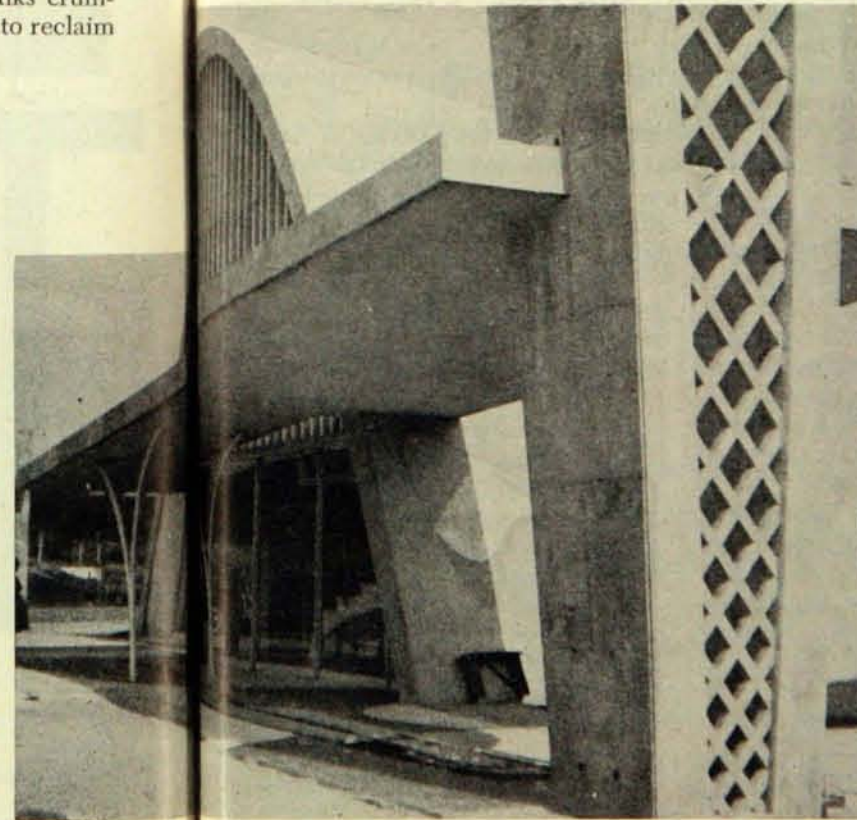
Among those at the press conference in Sao Paulo were (facing camera) Philip Benson, instructor and graduate student Janise Benson, his wife, also a graduate student; Dr. Whiting; Rodolfo Floripe, professor of romance languages at the University; and Eliza Schaffman, a representative of the American Consulate in Brazil.



CORRECTION

On these pages in last month's University expansion issue was pictured the St. Paul Student Center which was incorrectly described as being named after the late Pres. Walter Coffey. As alumni will recall, Coffey was instrumental in garnering support for this new building but it is not to carry his name. The building now called Coffey hall—for administration offices, entomology and short courses—was built in 1906, with an addition in 1917.

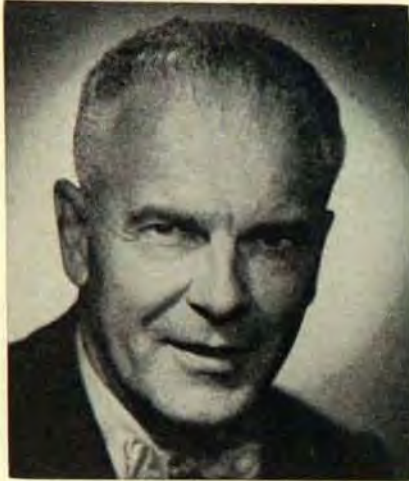
Three little Bahians relaxed on the Atlantic shore alongside of members of the cast, or vice versa.



Theater arts from all over the world were displayed in this exhibit hall at the fairground which was a center for the city of Sao Paulo's arts celebration, Bienal.



New MAA Director



Ray Mithun '30BA (above) of Campbell-Mithun, Inc., has replaced Minneapolis attorney Bernhard W. LeVander '39LLB as a member of the MAA board of directors. Mithun, who will fill a term expiring in 1960, has been president of the advertising firm since 1943. He also is director of the Minneapolis Chamber of Commerce, Continental Outdoor Advertising, Inc. and the Minnesota Orchestral Association. Other memberships include the Minikahda Club, the Minneapolis Club and Delta Upsilon Fraternity.

Detroit Women Play Bridge For Scholarships

Approximately 250 alumnae and friends attended the Detroit University of Minnesota Women's Club annual bridge benefit held recently to help swell the group's scholarship fund.



Mrs. McLeod

The bridge party was preceded by a smorgasbord luncheon.

Mrs. Arthur Burry was chairman of the hospitality committee. Other members were Mrs. Merl Baker, Mrs. Gilbert Crandall, Mrs. Mel Elmquist, Mrs. Jackson Turnacliff and Mrs. Douglas MacIntosh.

Participating in as well as reporting on the Detroit activities was Mahalia Quickstad McLeod of Grosse Pointe Park.

Peterson President of Vet Med Group

Gerald W. Peterson '53DVM, Willmar, was elected president of the College of Veterinary Medical Alumni Association at a meeting of the association's board of trustees during the annual gathering of the Minnesota State Veterinary Medical Society, Jan. 20-22.

Officers who will serve with Peterson are Axel Bendicksen '54DVM, LeRoy, president elect; Gordon J. Kubesch '55 DVM, secretary-treasurer, Buffalo Lake.

Trustees also made official the representation of the MVMAA on the Minnesota Alumni Association board of directors by naming Pres. Peterson for the position.

The trustees' meeting was the second of two alumni sessions in conjunction with the annual convention of veterinarians in this area. The first was an alumni luncheon on Jan. 21, held at the Casino room in Hotel St. Paul and attended by some 120 veterinarians. This group voted as a body to approve the new constitution which completed the merging of veterinary alumni and the MAA. At the luncheon, also, four trustees were named to

join the two whose terms had not expired.

Chosen as new trustees were Lester Larson '53DVM, faculty member and editor of *Veterinary Grad* (the new twice-yearly publication of the Minnesota Veterinary Medical Alumni Association), St. Paul; Conway Rosell '51DVM, North St. Paul; Gordon Kubesch '55DVM, Buffalo Lake; and John Erickson '52DVM, Sleepy Eye.

Other MVMAA trustees are Norman Fredrickson '54DVM, Glencoe, and Bendicksen.

The trustees decided that Les Larson, although named by the representation to the board of trustees, should remain as editor of the *Veterinary Grad* for the year.

Ed Alumni Set 'Student-Interest' Program

Alumni, faculty and students of the college of education agreed that a thorough program for the senior year would substantially increase student interest in the MAA and alumni affairs.

At a student-alumni dinner sponsored Jan. 22 by the College of Education alumni association, specific suggestions for bettering relationship included the following: having the teacher-alumnus come back and speak to students; sending a letter out to all seniors on alumni association activities; on Education Day, explaining the MAA; speaking to seniors about the MAA at the placement meeting in the fall and, after the senior accepts a job, making a list of alumni in his new community available to him.

Presiding over the dinner was Louis Adolphsen '46-50, vice president of the college of education alumni association who acted in the absence of Pres. Nolan Kearney '24BSEd '32MA '48PhD.

Also on the program was Dean Walter Cook of the college of education; Leif Strand '29DDS, MAA president; ExSecy Ed Haislet of the MAA; and Steve Schodde, presi-

dent of the student intermediary board.

Preceding the dinner meeting was a session of the education alumni association's board of directors during which Arnold Woestehoff '48-MEd reported on plans by the convention committee. Woestehoff, in recommending that alumni find a way to identify each other during other education meetings, suggested preparation of posters marking a meeting area.

In other business, Dean Cook reported that the college's honors committee has recommended candidates for the Outstanding Achievement Award to the University Honors Committee and that awards would be made on June 25 during the annual meeting.

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Present 4 OAA at Alumni Honors Luncheon

Four alumni—two from Minneapolis and two from New York—were presented Outstanding Achievement Awards at the Feb. 27 Alumni Honors luncheon held in Coffman union and presided over by MAA Pres. Leif Strand.

Approximately 300 guests were present to celebrate the Charter Day award presentations to Joseph A. A. Burnquist '05LLB, lawyer from Minneapolis and former state governor; Glenn E. Seidel '36BME, vice president in charge of engineering for Mpls. Honeywell Regulator Co. and former MAA president; Miss Marchette Gaylord Chute '30BA, authoress from New York; and Albert H. Moseman '44PhD, associate director of agricultural programs for the Rockefeller Foundation, New York.

The Honorable Ray Quinlivan, University regent from St. Cloud, presented the awards at the luncheon which began at 12:45 in the main ballroom. Hosts for the event—biggest one on the alumni association calendar—were the directors of the MAA.

For the second consecutive year, all past winners of this highest University honor—some 250 alumni—were invited to participate as special guests of the MAA. Also invited were past and present University regents, the administrative committee of the University and faculty consultants, alumni association officers and directors and all MAA club presidents throughout the nation.

Among additional guests were the officers of each of the five colleges whose alumni associations belonged to the MAA. Representing these college constituent groups were Hartwell H. Wilkerson '28BS, president of the school of business alumni association; Robert A. Hoel '43BAeroE '47MS, president of the alumni association of the institute of technology; Nolan C. Kearney '24BSED '32MA '48PhD, president of the alumni association of the college of education; Gerald W. Peter-

Three Hundred Attend Annual University Charter Day Event



Pres. Leif Strand

son '53DVM, president of the college of veterinary medicine alumni association; and Henry E. Colby '32DDS, school of dentistry alumni association.

Among the many tables decorated in maroon and gold were five set apart for those OAA recipients who were able to attend.

The luncheon started with an invocation by the Rev. Edwin C. Johnson, pastor of St. Anthony Park Congregational Church. Norman Abelson, assistant professor of music, led the group in *Hail! Minnesota* to conclude the program.

Burnquist, who began practicing law in St. Paul during 1905, served as state governor from 1915-21 and later as attorney general of Minnesota for seven nonconsecutive terms between 1938 and 1950. He was president of the National Association of Attorneys General from 1948-1950 and is a member of Phi Beta Kappa and Delta Sigma Rho.

Seidel quarterbacked the Gopher football team in the undefeated seasons of '33, '34 and '35 and captained the team as a senior. After coaching for four years at Tulane, he entered industry and, later, Honeywell in 1943. His appointment in

May, 1956 to the newly-created corporate position of vice president in charge of engineering gave him responsibility for coordinating and directing research and engineering activities in the organization. During the crucial legislative year of 1956-57, Seidel served as president of the MAA.

Miss Chute, author of both verse and non-fiction, is the holder of several writing awards, including the "Author Meets the Critics award" for the best non-fiction of 1950. Among her works are *Rhymes About Ourselves* ('32), *Search for God* ('41), *Geoffrey Chaucer of England* ('46), *Shakespeare of London* ('50), and *The Wonderful Winter* ('54). She is a fellow in the Royal Society of Arts and a member of Phi Beta Kappa.

Moseman began his career with the Bureau of Plant Industry of the USDA, later worked at the Minnesota Agricultural Experiment Station in St. Paul and then became Chief of the Bureau of Plant Industry, Soils and Agricultural Engineering. Just prior to this, he represented the U.S. in an agricultural mission to initiate plans with ten Asiatic countries for technical cooperation in the field of scientific agriculture. In 1955, he served as a member of the Joint Indo-American team that reviewed agricultural research and educational activities in India. He is a member of the American Society of Agronomy and the Sigma XI.

Other activities in conjunction with University Week (which started Feb. 23 and was highlighted by Charter Day) concerned the showing of approximately 50 exhibits in the Twin Cities area with an additional 15 in the Duluth area. These exhibits ranged from a University expansion picture story to a display of new or improved varieties of apples.

IT Alumni Plan Annual Meeting *New York Area EE's To Meet March 20*

Alumni of the institute of technology have set next Dec. 5 as the date for the next annual meeting, according to Robert A. Hoel '43BAeroE '47MS, president of the IT alumni association.

In other business of a recent meeting, Paul Salo '32BCE reported that some 25 alumni and faculty attended the Feb. 5 dinner to foster better relations and understanding between alumni and teachers.

At an earlier session held on Jan. 20, the annual meeting date was set for next Dec. 5 and the committees for planning reported on arrangements to date.

For the tentative panel topic of "Graduate Engineering Training," Cliff Jewett '31BSCChem was appointed chairman of arrangements. He will be assisted by Arndt Duval '25BSC.

Heading the honors committee which will recommend Outstanding Award Candidates for awards on Dec. 5 is Milton Wunderlich '19BS-Eng '20ME.

Ask 'Friendship' Dinner

In line with the new trend of strengthening relations between students and alumni within a college or school, the school of business administration alumni association committee on student relations has recommended that the school of business sponsor a student-alumni dinner in the near future.

On the special president's committee on student relations are Roberta Nelson '39BBA, chairman, and Walter Carpenter '46BBA.

The annual Radio Engineering Show luncheon meeting of engineering alumni will be held March 26 in the Tudor Room of the Henry Hudson hotel, 353 West 57th St., N.Y.

Expanded this year to include all engineering alumni of the University, the noon meeting is an annual event held during the week of the IRE, which runs in the New York Coliseum March 24 through 27.

University of Minnesota engineers who live and work in the New York area, or who plan to be in the city, should make reservations with J. Harry DuBois '27BEE, vice president, engineering, Mycalex Corporation of America. DuBois can be contacted at 125 Clifton Boulevard, Clifton, N.J.; telephone PRescott 9-8866; New York telephone COLUMbus 5-5989.

SPECIAL REPORT



Mr. ANDREW N. SERROS NEW YORK LIFE AGENT
at ORLANDO, FLORIDA

BORN: July 2, 1922

EDUCATION: University of Florida, School of Business Administration, B.S., 1948.

MILITARY: U.S. Air Force—Second Lt. Jan. '43—Dec. '45

REMARKS: February 1, 1949 was the first day former Air Force Lieutenant Andrew Serros reported in as a New York Life representative at the Company's Jacksonville General Office. Since that day, he's compiled a sales record that speaks for itself. The first year on the job he qualified for the Company's Star Club—and for the President's Council in each

succeeding year. From 1952 to 1957, he received the National Quality Award from the National Association of Life Underwriters. To cap all this success, Andy won a seat at last year's industry-wide Million Dollar Round Table. Behind this impressive record lies Andy Serros' sincere interest in his clients' insurance needs and enthusiasm for his job—two factors that could foretell even greater success for Andy with New York Life in the years ahead.

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The Real Mac Guf

ROBERT P. PROVOST
Director of the Greater University
Fund (GUF)

Class of 1916 members recently received an interesting newsletter from their secretary, Noble K. Jones. In addition to news notes about individuals, the special class project — *The Bernie Bierman Fund* — received considerable attention.

Several items from this newsletter regarding The Bernie Bierman Fund warrant attention. I trust that the good secretary of the class wouldn't mind my mentioning them.

The original idea for the *Class of 1916 - Bernie Bierman Fund* was presented by the late David Shearer at the 30th Reunion of the class back in December, 1947. A check for \$2500 was presented to the Regents of the University at that time. According to the covering letter written by Mr. Shearer, this amount was contributed as a result of a general solicitation of the class to establish a scholarship fund to be known as *Class of 1916-Bernie Bierman Fund*. Shearer added that the class requested the Fund continue to bear this name.

Its purpose is to aid worthy and needy students at the University by outright gifts of the income or by loans of the principal.

"We realize that the Fund is not large, but we think it may initiate a custom which other classes might well follow," Shearer wrote.

The *Class of 1916-Bernie Bierman Scholarship Fund* has been added to during the past eleven years by annual contributions from various members of the class of 1916. Memorial gifts to David Shearer have also been credited to this project, as well as memorial contributions to other deceased members of the class. To date, seven University students have received scholarship assistance.

Members of the class of 1916 can be proud of the project they have established as a tribute to their classmate, Bernie Bierman.

GOPHER GRAD

New Life Members

- Elsie E. Brown '53BSM
Hillsdale, Mich.
William W. Peters '53MHA
Brooklyn, N.Y.
Robert M. Petersen '48BME
Toledo, Ohio
John T. Wheeler '42BBA
Minneapolis, Minn.
Hubert J. Berdan '22BSCE
Clinton, Iowa
Charles E. Purdy, Jr. '25BSB
Minneapolis, Minn.
Dr. Roberto Real '55MSMd
Mexico City, D.F.
Erick B. Berglund '27BSEE
Garden City, N.Y.
Herman K. Koschnitzke '35MB,
'36 MD '40MS
LaCrosse, Wis.
Henry Morrison, Jr. '53BA
St. Paul, Minn.
Ralph D. Nelson '31BSPhm
Minneapolis, Minn.
William Charles Smith, Jr. '52BA
Duluth, Minn.
Ebenhard S. Gandrud '34BAAgr
Owatonna, Minn.
Gerald K. Gable '54BME
Minneapolis, Minn.
Mrs. Byron C. Goss '15BA
Shaker Heights, Ohio
Frederick R. Kappel '24BSEE
Bronxville, N.Y.
John W. Swenson '42BAUC
Fergus Falls, Minn.
William S. Marvin '39BSAg
Warroad, Minn.
Peter J. Pankratz '34MD
Milum, Hwalien, Taiwan, For-
mosa
Robert William Warren '49BSPhm
Minneapolis, Minn.

Thanks Very Much!

The MAA office would be grateful to any alumnus who has an extra 1909-10 *Gopher* which could be made available to William Wellington Norton, Lowell W. Berry Foundation. Please contact Mr. Norton at his home office address which is 669 W. Euclid avenue, Stockton, California.

Berglund Heads Busy New York Alumni

Eric Berglund '27BSEE, Garden City, was elected president of the New York alumni organization at a meeting of the N.Y. board of directors recently.

Berglund succeeds Carl M. Anderson '27BA '30LLB, long active in alumni work and a leader in the New York scholarship program.

Other officers named include Mrs. Inga Hill Benson '27BA (HE) and Sigurd Hagen '15BA, vice presidents; Karl W. Windhorst '36BS '38LLB, secretary-treasurer; and Melvin Underdahl '53BA, assistant secretary.

In the annual report prepared by out-going president Anderson, the group was informed that about \$400 had been contributed to the Association's scholarship fund. Anderson said the money would be presented to a University representative in the near future.

Principal activities reported for the year were a cocktail party in March and the annual dinner. The dinner, attended by 80 alumni, featured Harrison E. Salisbury '30BA, noted foreign correspondent, author and lecturer.

D. C. Alumni Meet On Note of Science

Alumni in the Washington, D.C. area arranged a program which was centered around science and included a member of the President's Committee on Scientists and Engineers for their Feb. 25th meeting held at the American Association of University Women's Club in Washington.

The speaker scheduled was Robert L. Clark, executive director of the President's Committee on Scientists and Engineers.

Planned as a part of the business meeting was a discussion of the Washington MAA scholarship fund whose chairman is Cy S. Kauffman '16BA, working in conjunction with Pres. Jerome J. Keating '30BA.

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+

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Department
Minneapolis 14

First Graduates in Mortuary Science, 1908



First Class of morticians graduated from the University of Minnesota in 1908. 1. S. H. Nunn, 2. G. F. Kasper, 3. E. W. Beatty, 4. Prof. G. B. Frankforter, 5. C. S. Foster, 6. V. M. Grady, 7. E. C. Davies, 8. F. W. Balsler, 9. J. J. Daley, 10. E. F. Johnson, 11. Mattie B. Rader, 12. S. A. Spratt, 13. O. P. Simons, 14. R. A. Maahs, 15. N. B. Marr, 16. W. L. Grapp, 17. W. Meyer, 18. F. J. Beers, 19. W. M. Tauges and 20. O. A. Lawrence.

50th Year Observed By Mortuary Science Winter Quarter Attendance Rises 2 Percent

The 50th anniversary dinner for the department of mortuary science will be held in the main ballroom of Coffman Union on Mar. 27, according to an announcement by Robert Slater '50BSEd, assistant professor and director of the department of mortuary science which is under the dean of the extension division.

The day's schedule is as follows: *educational symposium*—3:00 p.m., including such participants as Dr. Otto S. Margolis, dean of the American Academy of Funeral Service, New York, and Paul R. Keenan, director of the department of mortuary science at the University of Kansas; *alumni coffee-hour*—4:30 p.m. in the women's lounge, second floor, Coffman Union; *anniversary banquet*—7:00 p.m. in the main ballroom, Coffman Union.

A special anniversary gift fund, established by the alumni, will be presented to mortuary science during the banquet.

Minnesota's department of mortuary science is believed to be the oldest department of its kind in the nation's universities.

Winter quarter attendance at the University of Minnesota totals 24,435, an increase of 474 or 2 per cent over the 23,961 enrollment for winter quarter a year ago, according to True E. Pettengill, University recorder.

This is exactly the same percentage increase as last fall when attendance also was 2 per cent above the previous fall quarter, Pettengill pointed out.

Senate Approves New Grading System for 'U'

The University will switch from the three point to the four point grading system, effective next September.

It will be the first major change in the University grading system since 1943.

Under the new system, a grade of 'A' will be worth four points, a 'B' three points, a 'C' two and a 'D' one point.

The University Senate, in its December meeting, declared the new policy effective as of Sept. 16, 1958. Formerly an 'A' was worth three points, and a 'D' or 'F' received no points.

Included in the current student total are 18,035 men and 6,400 women. A year ago there were 17,665 men and 6,296 women.

Attendance for the winter quarter was highest in SLA with a total of 6,270 as compared to 6,274 last year at this time. Second highest enrollment was reported in the institute of technology with a total of 3,592 as compared to 3,438 last year.

Fall quarter attendance this year was 25,825, an increase of 518 or two percent over last year's fall quarter total of 25,307.

'U' Heart Surgeons to Star on TV's Conquest

A team of heart surgeons headed by Dr. C. Walton Lillehei '42MD '51 PhD '51MS will be the subject of the WCCO-CBS television presentation on *Conquest* Sunday, Mar. 9 at 4:00 p.m.

This feature of the new CBS Television series devoted to science and scientists was filmed at the University of Minnesota Hospital. Narrator will be Harry Reasoner '40-44, former Twin City television news reporter now with CBS.

Student Loans Double In 1957 Quarters

University students borrowed almost twice as much from the Bureau in 1957 as they did in 1956 (over \$347,000, compared with \$177,000).

"Tight economic conditions have been making it more difficult for the student to obtain both summer and part-time employment," said George Risty, director of the Bureau of Student Loans and Scholarships recently.

Risty credits the greater demand for money to two things—the Bureau's more liberal loan policy (which became effective in January, 1957) and the recession.

"Our new loan policy was timely," said Risty. "It enabled us to help students at just the time they needed help. And the wider interest in college education gives us more students each year whose parents cannot afford to send them through college."

He added that the increasing costs in tuition and fees and the greater number of married students add to the demand for loans (more than one-fifth of the University's students are married).

Rare Book Acquired For Library Collection

A book published in 1587, "De Orbe Novo"—"The New World"—recently was acquired for the James Ford Bell collection in the University of Minnesota library.

One of three known copies in America, the book is a history of the new world originally written by Peter Martire d'Anghiera and re-edited by an Englishman, Richard Hakluyt. A map included in the volume seems to announce to Europe the beginning of active English interest in the new world.

The other two copies of the book are in the New York Public Library and in the John Carter Brown Library, Providence, Rhode Island.

MARCH, 1958

One-half of Ed Grads Choose Minnesota

Education seniors and graduates who wished to change jobs were placed in 41 states and 14 countries last year by the Bureau of Recommendations.

This fact was revealed in a report to the faculty published recently by the Bureau. It showed that nearly 50 per cent of all new placements were made in Minnesota.

Second largest number of placements were made in California. Foreign countries where graduates were placed include Hawaii, Germany, Alaska, Japan and Puerto Rico.

The report also showed that 497 of 645 qualified seniors have secured teaching positions. Others are continuing formal studies, engaged in military service or homemaking, seeking teaching positions or are otherwise gainfully employed.

For the sixth consecutive year the number of vacancies received by the Bureau of Recommendations increased. Last year they received a total of 13,415 vacancies.

To fill these, 1,975 registrants were listed with the Bureau and 1,180 were placed in new positions.

Greatest increases in vacancies were in the fields of English and journalism, science, business education, industrial arts, mathematics and music. Shortages exist in all these fields.

"Little progress has been made

Minnesota 3rd in PhD's

The University of Minnesota and Columbia University's Teachers' College tied for third place among the nation's schools in the number of doctoral degrees granted for the 1955-56 academic year.

Each of the two schools awarded 299.

The University of Wisconsin ranked first with 349 and the University of California at Berkeley was second with 304.

Statehood Shows Offered

A special quarter-hour radio program previewing the events planned for Minnesota's Centennial year is being made available to all state radio stations. The program was aired on University of Minnesota station KUOM and recorded by the station for the Minnesota Statehood Centennial Commission.

toward alleviating the situation," the report said. "In fact, the shortages have become steadily worse in most of the areas listed above."

In addition to placing persons in grade and secondary schools, the Bureau also places college teachers. In the college field, the ratio of vacancies to registrations last year was seven to one.

Increasing demand was shown in the fields of college personnel administration, business administration, counseling and guidance, business education, mathematics and sciences, especially chemistry.

Salaries for all teachers from beginning elementary to college Ph.D's were reported to have increased over the previous year. Largest increases were reported in college teaching.

Fenske Stresses Research In Biological Science

High current interest in Sputnik, missiles and physical sciences in general poses a real danger to agriculture, according to T. H. Fenske, associate dean of the University of Minnesota's Institute of Agriculture.

Speaking at the Red River Valley Barley Day, Fenske said "there is a danger of minimizing the need for biological research which means, among other things, production research in agriculture.

"The biological sciences are just as important today as the physical sciences," he stated. "If science becomes lopsided, we can be in as much danger as we would if we failed to keep pace with the Russians in guided missiles and other implements of war."

Kline called 'all time great' . . .

Spirited Cagers Stumble Toward Finish

Minnesota's 1957-58 basketball team ran hot and cold all winter long, but unfortunately the cold water ran often enough and cold enough to wash out any hopes for a successful season. By the end of February, the Gophers were having trouble staying out of last place in the Big Ten.

The Gophers seemed to follow in the footsteps of Captain George Kline as he, too, started strong, faded slightly and then closed with a rush to lead the team in everything but stolen hotel towels.

Sensational newcomer Ron Johnson surpassed his advance notices in helping Kline lead Minnesota to four straight victories to open the season early in December. The two scored 26 points apiece in pacing an 89-85 upset of Vanderbilt. When Kline faltered to only 39 points in five games, the 6' 7" New Prague sophomore took up the slack with 28 points each in losing efforts against Kentucky and North Carolina in the Kentucky Invitational Dec. 20-21.

Two wins in a row including the Big Ten opener against Purdue followed before the Gophers went into a six-game tailspin which saw them drop from 45 percent to a 30 percent F. (freezing) shooting average. Five straight Big Ten losses tumbled them into last place.

But in the meantime, 6' 4" Kline ripened as the season rolled along, hitting 18 points against Kansas State, 20 at Indiana, 19 against Ohio State and 25 in a TV appearance versus Iowa.

Ron Johnson's scoring totals dropped, however, as the opposition began sagging two and three men on him, but he continued to hog rebounds at the rate of 12 per game.



Ron Johnson

As Kline surged back to take over team scoring honors, another sophomore star broke into the lineup to spark the Gophers down Comeback Lane. Tom Benson, a 6' 4" forward from Superior, Wis., moved into a starting spot in the Feb. 1 loss to Michigan State, and then drilled 18 points to lead an upset win over Indiana, and 21 more in a big win over Wisconsin.

Coach Ozzie Cowles, searching all season for a comparable scorer and playmaker to team at forward with Kline, praised Benson as the key in the Gopher resurgence. His drive-ins across the key complemented Ron Johnson's backboard work and the jump shot artistry of Kline and guard Marlo Miller, 6' sophomore and fourth highest Minnesota scorer.

Miller and his running mate at guard, Roger (Whitey) Johnson, a burly 6' junior from Eau Claire, Wis., if less spectacular were no less valuable. Whitey's extraordi-

nary leg spring enabled him to haul down 98 rebounds and more than match taller opponents under the boards. His coolness against pressing defenses and in setting up the Gopher "heavy artillery" for good shots is typical of the kind of value that doesn't show up in statistics. Whitey bounced back from a frigid mid-season shooting streak to become the Gophers' third leading scorer.

Lineup changes were infrequent but those that occurred were important. Senior Jerry Rodberg opened the season at guard but soon gave way to Miller. Junior Bob Anderstrom started at a forward post before Bud Hamilton, 6' 2" senior, made his bid. Then Cowles experimented with sophomore Mike (Bearcat) Wright, more familiar to Minnesota fans as a rugged football tackle, before Benson came out of nowhere.

Turning points in the four-cornered season were the Kansas State game Jan. 6, the second Indiana tilt Feb. 3 and the second Northwestern contest Feb. 15. The all-out effort against State was followed by the "January nightmare," in which the Gophers didn't win a game for the rest of the month. A combination of cold shooting and four of six games on the road blew the Gophers out of contention.

But Kline returned to form with 21 points against Indiana, 30 at Wisconsin and 28 more in the Michigan game to haul Minnesota out of last place. But then just at the height of the three-game winning streak, somebody turned on the cold water again and the Gophers toppled back down the Big Ten ladder, losing three in a row and fighting to keep out of the cellar

UMD's Wells Writes NCAA Ski Rules

once more. Kline continued his phenomenal shooting, but the rest of the team sagged badly and couldn't match his pace.

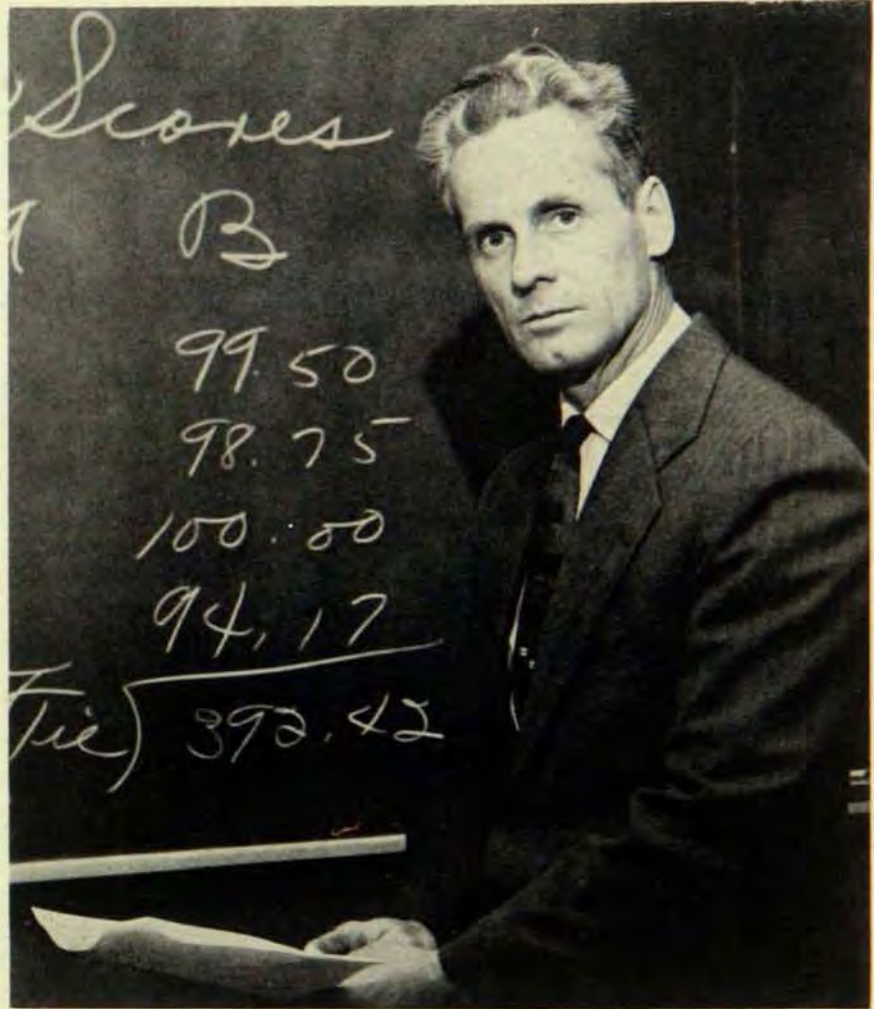
Ironically, the Gophers played better ball against tougher competition. Against North Carolina, then the nation's number one team, they dropped a 73-67 decision in the last two minutes of play, and then lost a 72-71 hand-wringer to Kansas State, also named number one later on. On its way out of last place, Minnesota knocked both Indiana and Michigan from the Big Ten's top perch.

By Feb. 14, Kline was third in Big Ten scoring with a 22.2 average on 74 field goals in 191 shots. This left him .7 of a percentage point behind runnerup Don Ohl of Illinois and 2.7 points back of the leader, Indiana's Archie Dees. Kline was leading the Big Ten in total points with 200, one ahead of Dees.

Kline's late spurt pushed him ahead of Ron Johnson for Gopher all-game scoring honors.

Benson, shooting at a 41.5 clip, threatened to break Kline's Minnesota record of 46.9 in conference play, set last year.

With three sophomores and a junior in his starting lineup and a fine freshman team coming up, Cowles has the core of a possible contender returning next year. But the loss of Kline—one of Minnesota's all-time greats—will leave a distinct gap in the Gophers' scoring and rebounding power, to say nothing of competitive spirit.



Ward M. Wells '46MA, head of UMD's men's physical education department and ski coach, has just completed a ten year study for a new scoring system for National Collegiate Athletic association ski meets. Wells, who has been a member of the Duluth campus faculty since 1946, has been commissioned by the NCAA ski rules committee to rewrite the scoring section of the NCAA skiing guidebook. Under the new system, Dartmouth would have received second instead of third place in team scoring last year.

GAMES AT PRESS TIME

Minn. 66	S. Methodist 52	Minn. 79	Ohio State 95
Minn. 67	Iowa State 66	Minn. 71	Iowa 73
Minn. 89	Vanderbilt 85	Minn. 76	N'western 85
Minn. 77	Alumni 70	Minn. 64	Michigan State 88
Minn. 67	N. Carolina 73	Minn. 69	Indiana 66
Minn. 58	Kentucky 78	Minn. 71	Wisconsin 66
Minn. 74	Yale 53	Minn. 80	Michigan 69
Minn. 83	Purdue 76	Minn. 75	N'Western 76
Minn. 71	Kansas State 72	Minn. 87	Illinois 94
Minn. 64	Indiana 85	Minn. 79	Purdue 88

Backfield Coach Murphy Goes to Memphis State

Billy Murphy, backfield coach of Minnesota's football Gophers for the past four years, has accepted a position as head coach at Memphis State College.

Jim Camp has been named head backfield coach.

Two additions to the staff are Dick Larson, Gopher quarterback who graduated last year, and Robert R. Bossins, formerly assistant football coach at Duke university.

Around and About With Alumni

'90

Edward F. Waite '90BA, oldest living member of Delta Kappa Epsilon and the only living member who signed the fraternity's charter for the University of Minnesota chapter in 1889, received a distinguished citizen award in Dec. at the organization's 113th national convention in Minneapolis. The retired judge gained a wide reputation for his handling of juvenile cases.

'01

Coates P. Bull '92FS '01BA, a former agricultural worker for the Minnesota Department of Agriculture and one-time University agronomist, was honored in Dec. for his part in founding the American Society of agronomy. Now retired, he resides in St. Paul.

'93

Dr. George Haggard '93MD recently observed his 101st birthday. During 60 years of medical practice, the pioneer Minneapolis physician helped fight epidemics, worked for the state health department, taught physiology at the University and was on the staff of several Minneapolis hospitals.

'09

Arnold Johnson Lien '08BA, '09MA received a tribute recently in a Washington University magazine when he was featured in an article entitled "A Most Uncommon Man." A professor of political science, he headed the Washington University department of political science for 28 years.

'16

Lucille Quinlan '16MA retired this fall to teach undergraduate classes in social work at St. Catherine college after serving for more than 25 years as staff development supervisor for the Minnesota Public Welfare department.

Elmer L. Williams '16LLB, Edwin S. Elwell '10LLB and Robert B. Gile '20SLA recently formed a Florida corporation, Chateau Pompano. The three University graduates operate the new 12-unit apartment building in the Fort Lauderdale area of Florida's Gold Coast. Elwell is president, Williams secretary-treasurer, and Gile executive vice president.

'21

Dr. Erling Platou '19BS, '20MB, '21MD, who captained the only Gopher basketball team ever to go unbeaten, was featured in a Minneapolis Star series entitled "M Men Make Good." Now a Minneapolis physician and clinical professor of pediatrics at the University, he has headed the MAA, "M" Club, state board of health and the Minnesota medical foundation for students.

'23

Fred H. Wilcox '23EM has been elected to the board of directors of Socony Mobil Oil Co., New York City.

Now manager of the producing department, he has been with the company since 1927.

'24

Dr. William P. Shepard '20BS, '21MB, '22MDcl, '24MA has been appointed to the National Advisory Heart Council of the Public Health Service, U.S. Department of Health, Education and Welfare. He is second vice-president for health and welfare of the Metropolitan Life Insurance Co., a concern he has been associated with since 1926.

'25

Bert S. Cross '24-'25 has been promoted to executive vice president in charge of graphic products for Minnesota Mining and Manufacturing Co. A vice president since 1948, he is responsible for all 3M graphic products.

'26

Lawrence R. Hafstad '26BSEE has been decorated for his work in physics by the United States, which gave him the medal of merit, and the British government, which conferred the king's medal in defense of freedom. He has been vice president in charge of the research staff of General Motors since 1955 and lives in Birmingham, Mich.

Rose M. Kotasek '26BS(HE) consultant in home economics, is currently preparing food before the camera for national advertising of various food concerns. She is also area manager for "Highlights for Children," a publication issued 10 times a year.

Mrs. Seigel A. Anderson (Rose Carline Polski) '26BA is president of the St. Paul Schubert club, which is celebrating its 75th year.

'27

Lloyd Viel Berkner '27BSEE, New York scientist and member of the President's Scientific Advisory Committee, recently told a House subcommittee that government security regulations are hampering our defense effort. In a New York Times story, he was credited with being the father of the International Geophysical Year—the most spectacular by-product of which has been the Soviet and American satellites.

'28

H. A. Rodenhiser '25MS, '28PhD in Jan. was presented the Elvin C. Stakman award for outstanding research in diseases of cereal crops at a luncheon meeting of the U. S. Department of Agriculture held in Coffman Union. He is assistant to the administrator of the USDA, and received the University's Outstanding Achievement Award in 1953.

'29

Bernard M. Marks '29PhD has been promoted from research associate to senior research associate by the Du Pont Company's polychemicals department, Wilmington, Del.

'30

Sylvester D. J. Brunski '30LLB of Winona has been appointed probate judge for Winona county, Minn. Winona city attorney from 1947 to 1950, he is now the government appeal agent for the county under the Selective Service system.

'32

Rev. Sedoris N. McCartney '32BSEd of Minneapolis was principal speaker at a World Missions festival held in Olivia in Nov. He plans to return to Japan, where he has worked with boys in schools, church and camp, in the near future.

L. R. Lunden '29-'32, University comptroller, was re-elected secretary of Midwestern Universities Research association at the group's recent annual meeting in Chicago.

Weston B. Grimes '32LLB has associated with William E. Carey, Jr. to practice law under the firm name of Carey and Grimes, Washington, D.C. He is past president of the Minnesota alumni club in Washington.

Leonard L. Slabodnik '31-'32 has been appointed purchasing agent for U. S. Steel's Oliver Iron Mining Division, Duluth, Minn.

'33

Dr. John Rehner, Jr. '33PhD has been named a section head in the products research division of Esso Research and Engineering Co. He has been with the New Jersey company for 17 years.

'35

Gordon A. Paul '35BBA was named comptroller of American Steel and Wire, U.S. Steel Corp., Duluth, Minn. He was formerly manager-general of accounting.

Jim Dennerly '35BSEd was director of the Arizona Daily Star bowling tournament, held in Tucson in Nov. Comptroller for Robert Patterson and Co., he is an avid bowler and has collected seven trophies, the most important of which is his Arizona State singles championship.

Michael N. Deutsch '35FS is one of two University dairy cattle researchers testing the Watson "lactometer," which was developed by the department of agriculture to measure the solids-not-fat content of milk.

Dr. Galen Adkins '34MB, '35MD was recently appointed superintendent of the Sandstone state hospital. He had been clinical director at the Cambridge state school and hospital prior to his appointment to the Sandstone position.

'36

Glenn Barnum '36BSEd is currently sales manager for Westmorland Tableware, a division of the Aluminum Cooking Utensil Co., with headquarters in New Kensington, Pa.

George W. Griffin, Jr. '36BBA has been elected vice president in charge of public relations for Sylvania Electric



G. W. Griffin

Products Inc., N. Y. Previously, he served 15 years in various public relations posts with the General Electric Co., except for military service during World War II. He is a member of the Public Relations Society of America, the American Institute of Electrical Engineers

and the Science Writers of America. The former St. Paul man now resides in New Canaan, Conn.

'37

Kenneth A. Manikowske '37EE, Elaine Manikowske Hunter '39BS, and Carol Belle Manikowske Krienke '40BS(HE) recently returned from a trip to Bermuda won in a sales contest.

Logan C. Mundt '37BSEd has been named director of physical education for the West Side YMCA branch, New York. Associated with the YM since 1926, he has served associations in Texas, Illinois and Minnesota. He is president of the New York State Physical Directors Society and consultant to the National Physical Education Committee.

'38

Raymond Dervey '38EM recently took over the presidency and part ownership of Waterman-Waterbury Co., a Minneapolis firm. He previously had been executive vice president of the warm air heating and air conditioning manufacturing firm.

George S. Withy '38BA was chairman of a panel discussion on lumber yard management problems at the 1957 Building Products Exposition held in Philadelphia in Nov. He is a St. Paul lumber and building materials dealer.

'39

Fred W. Segerstrom '39BArch has been appointed general sales manager of the industrial division of the L. O. F. Glass Fibers Co., Toledo, Ohio. He joined the company in 1939.

Dr. Horace Bell '39BSEd currently has a successful practice in South Bend, Ind. The former Gopher sports star is, among other things, a member of the American Medical Association and the American Academy of General Practice.

'40

Loane J. Randall '38BSL, '40LLB has been appointed superintendent of agencies for the Inter-Mountain Field of Western Life Insurance Co., Helena, Montana.

Harold Van Every '40BSEd has been awarded the professional designation of chartered life underwriter.

Duluth Engineer Receives OAA



Kenneth J. Duncan '10EM, Duluth iron mining engineer and executive, receives the University's Outstanding Achievement Award from Richard L. Griggs (right), University regent from Duluth. Beginning his mining career in Ely, Duncan became associated with Pickands Mather and Co. in 1919. He was named manager of ore mines for the company in 1952, a position he held until his retirement in 1954. Always an active participant in community affairs, Duncan was selected a member of Duluth's Hall of Fame for 1956. The OAA presentation was made at the 1958 University of Minnesota annual mining symposium in Duluth.

'41

E. Landes '41BBA, formerly sales manager of the supplies division for IBM, has been promoted to district manager of District 12, with headquarters at Minneapolis. He joined IBM in 1941 as an assistant salesman.

'42

George Swenson '42BSEd has been appointed assistant professor of biology in the College of Arts and Sciences at Ithaca College, N. Y.

Harold S. Olson '37BSEd, '42MA has been promoted to assistant director in the ordinary agencies department of the Prudential Insurance Co. In his new post he will help to develop Prudential's rural marketing program.

'43

A. E. Graham '43BSE has been promoted to branch manager of IBM at Providence, R. I. He joined the corporation in 1946.

'44

Col. John Paul Stapp '43MB, '44MD was recently named winner of the Girard Perregaux geophysical award for his activities on human rocket flight. He was honored "for outstanding contributions to furthering man's knowledge of his fu-

ture through science." Noted for his experiments on the human effects of acceleration and deceleration, he has ridden rocket sleds at speeds up to 632 miles an hour.

'45

J. G. Neal '45MED, director of health, recreation, safety and physical education in the Minnesota department of education, has been named executive secretary of the Minnesota Tuberculosis and Health association. He has worked part time for the association the last eight years, running a summer school near Brainerd, Minn., for teachers and nurses.

'47

John Cahill '47LLB, a Waseca attorney, has been appointed by Gov. Orville L. Freeman as district judge for the 14th judicial district.

R. C. Schroeder '47BChE, has been appointed assistant manager of the Calendering Materials Division of Bakelite Co., Division of Union Carbide Corporation. Prior to his new appointment, he was a technical representative with the Calendering Materials Division in the Clifton, N.J. district sales office. He will now be located in New York.

'48

Robert H. Nixon '48BBA was awarded third prize in the 1957 travel contest sponsored by The Instructor magazine. Now a teacher of fifth grade in Washington Union Elementary School, Salinas, Calif., he has received a Bell and Howell stereo colorist camera. More than 24,000 manuscripts were entered in the contest.

William P. Lebra '48BA has been appointed instructor in anthropology at the University of Pittsburgh. Prior to his new appointment, he held a teaching fellowship in anthropology at Harvard University.

Bruno L. Berklund '42BSFor, '48MS has been named to a newly-created post of forest management forester in the woodlands department of Nekoosa-Edwards Paper Co., Port Edwards, Wisc. He has been a forester with the company since 1947 and has been active in land acquisition, research and pulpwood production. In his new capacity he will be responsible for establishment and operation of forest management plans in cooperation with the foresters of three districts in Wisconsin and upper Michigan.



B. L. Berklund

D. D. Zorn '48BA has been promoted to office manager in the supplies division headquarters, IBM, New York City. He joined IBM in 1948 as a member of the clerical force.

'49

Byron G. Rowell '49BMEchE is supervisor of training for Oliver Iron Mining Division's eastern district.

John B. Schwartz '49BA recently received an award from the Bureau of Old-Age and Survivors Insurance in recognition of his "sustained superior performance."

Grant W. Smith '49PhD has been appointed administrator of the National Science Foundation's summer institutes program. The program provides summer courses of study for high school and college teachers of science and mathematics.

Ralph G. Nevins '45BS, '47ME, '49MS has been named head of the department of mechanical engineering at Kansas State College.

Robert G. Knox '49BBA is currently supervisor in cost planning and analysis for Oliver Iron Mining Division's eastern district accounting department.

Richard M. Straw '49BA, assistant professor of botany at Los Angeles State College, Los Angeles, Calif., has been elected charter president of the newly installed Sigma XI Club at that college.

He is also carrying on research in the taxonomy of a group of Mexican plants under the auspices of a National Science Foundation research grant.

Ida M. Keller '49BBA, received a Civil Service appointment in 1956 as an office auditor in the Internal Revenue Service, Cheyenne, Wyoming District, and was recently promoted to the position of returns examiner.

Ernest Villas '49BSEd, band director and chairman of the music department at North high school, Minneapolis, was recently married to Vicki Shuri, Boston, Mass. He is a former director of the University of Minnesota band.

'50

Larry Dornier '47ALA, '50BBA, has been promoted to comptroller by Rayette, Inc. He joined the company in 1950 and has been its internal auditor.

Frederick E. Mueller '50 BChE, has joined the staff of the Whiting Research Laboratories of the Standard Oil Co., Indiana. He was formerly with the Esso Standard Oil Co.

James A. Wales '50BBA, won honorable mention for the Elijah Watt Sells awards recently, being among the eight highest scoring candidates taking all four parts of the uniform certified public accountant examination in Nov. He is an agent of the Internal Revenue Service in Minneapolis.

George W. Robbins '50BME, has been promoted to office manager of The Trane Company's new sales office in Fargo, N. Dak. Trane is a manufacturer of air conditioning and heating equipment.

Dr. James Zumbege '46BA, '50PhD, associate professor of geology at the University of Michigan, will head the Ross Ice Shelf deformation program in connection with the International Geophysical year. He and three assistants will set up a tent camp near Roosevelt Island, 50 miles from the U.S. station at Little America.

James E. Dillman '50BChE was recently appointed technical supervisor, process study, by the Hooker Electrochemical Co., Niagara Falls, N.Y. He has been a process study engineer at Hooker since 1950.

Glenn E. Johnson '25BA, '50BBA was named a Clay County "Outstanding Man" for 1957. An insurance claims adjuster, he is Clay County Statehood Centennial commission chairman and has long been active in community affairs.

Verne Johnson '50LLB has been appointed executive director of the Citizens League of Minneapolis and Hennepin county. He is administrative assistant to Cong. Walter H. Judd.

Donald C. Wright '50BA who was news director of KLER, the former radio station in Rochester, Minn., is the new public relations director for North Central Airlines.

'50

Jerome D. Swalen '50BS has joined Shell Development Company's Emeryville, Calif., Research Center as a physicist in the Chemical physics department. He was formerly with the National Research Council at Ottawa, Canada.

'51

Laurie J. Laakso '51BBA has been named senior cost analyst in the general office accounting department of U. S. Steel's Oliver Iron Mining Division, Duluth, Minn.

Jack Laugen '51MA has been named director of information services at Northwestern University, Evanston, Ill. He was formerly employed as supervisor of field service and advertising manager for Lutheran Brotherhood, fraternal life insurance society, Minneapolis.

Maj. Ruth M. Stoltz '51BSNEd was recently presented the Commendation Ribbon with Metal Pendant in recognition of meritorious achievement and service as chief of the nursing service at the U. S. Army hospital, Fort Leavenworth, Kansas.

'52

Dr. Harley C. Carlson '49BMD, '51MB, '52MD has been awarded a fellowship in radiology in the Mayo Foundation at Rochester, Minn.

Donald L. Archambault '52BA(UMD) was recently appointed to the post of industrial relations analyst in Oliver Iron Mining division's eastern district industrial relations department.

Dr. Jesse Douglass '38BA, '51MB, '52MD has taken over the duties of resident physician at Stillwater state prison. He formerly served at the state tuberculosis sanatorium near Walker.

Jack H. Venard '52MSChE has been named senior chemical engineer in the Atlas Powder Company's chemical engineering department at Wilmington, Del.

'55

Frederick B. Stocker '55MS graduate student in chemistry at the University of Colorado, is studying this year under a \$2000 Ohio Oil Co. fellowship. He is currently taking work toward his PhD degree, which he expects to complete in June.

'56

Second Lt. Frederick J. Banister '56BCE has been assigned to the First Cavalry division in Korea. He was last stationed at Fort Belvoir, Va.

'57

Marie Diekmann '57BS recently took over her duties as public health nurse for Morrison county, Minn.

Myrna Huckaby '57BSEd is now leading a special class of seven to nine-year-olds at Adair school, Minneapolis. She also currently is active in the International Council for Exceptional Children.



What is this company's role in the progress of a man's career?

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- A. Irving Birnberg, '22, St. Paul
- Bruce J. Robinson, '27, Indianapolis
- Louis M. Schaller, '29, Minneapolis
- 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
- Howard D. Burdick, '39, Dallas
- Morton C. Mosiman, '40, Minneapolis
- Lloyd V. Shold, '42, Duluth
- Robert R. Abroahams, '44, Minneapolis
- Robert M. Larsen, '47, Minneapolis
- Earl H. Mosiman, '47, Minneapolis

- Robert D. Myhr, '48, Chicago
- Ariel H. Oberg, '48, Los Angeles
- 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

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



VETERAN AG LEADER

O. B. Jesness, former head of the University agricultural economics department, on completing 29 years of service with the University. Among the many state and national committees on which he has served is the Committee on Postwar Agricultural Policy of the Association of Land Grant Colleges and Universities. During World War II, he was vice-president of the Minnesota War Finance Committee and, in 1953, he was appointed member of the Advisory Committee on Foreign Agricultural Trade, U. S. Department of Agriculture. Author and co-author of several books, currently he is director of the Midland National Bank, Mpls., and the Minnesota Institute of Governmental Research, St. Paul. Now retired, he received his BSAG from the University in 1912, his MS in 1924 and his PhD. in 1928.

EXECUTIVE ENGINEER

Russell F. Erickson on being elected an executive vice president of Rayonier Incorporated, producer of chemical cellulose, New York, N.Y. Joining Rayonier in 1946, he was promoted from chief engineer of its Florida plant to plant manager in 1948. In 1950 he was elected a company vice president and, in 1956, he was elected to the board of directors. Previously he was an engineer with the Minnesota and Ontario Co., George F. Hardy, consulting engineers in New York, and Hollingsworth and Whitney. Mr. Erickson is a member of the Technical Association of the Pulp and Paper Industry and the Engineer's Club of New York. He received his BME from the University in 1932.



OUTSTANDING STAFFER

George A. Thiel, chairman of the University geology and mineralogy department, on being named the outstanding geology teacher of the year by the Association of Geology Teachers. A University staffer since 1920, Mr. Thiel has served as Special Water Consultant for the National Resources Board of the Federal Emergency Relief Administration and was adviser to the Committee on Water Conservation of the Minnesota State Planning Board. He is a fellow in the Geological Society of America, on the editorial staff of the Society of Economic Geologists and a member of Phi Beta Kappa. During World War I he was commissioned an officer. He has written numerous geological articles and is co-author of a geological textbook. Now retired, he received his University BA in 1917, MA in 1920 and PhD in 1923.



Deaths

Grads Before 1900

James E. Bradford '92BA, '94LLB on Jan. 9.

William Codman '97LLB of Minneapolis in Feb. He had practiced law at Winona, Minn., for 50 years after his graduation from the University.

Dr. Ralph Kednall Keen '97MD of Spokane, Wash.

Christian Daniel Risser '00LLB last Feb. 10 in St. Paul, Minn.

C. V. Smith '00LLB, former head of Northwestern National bank trust department, Minneapolis, in Jan. at his home in Santa Ana, Calif.

Anna Thomas '00BS, former principal of Central high school, Minneapolis, in Jan. She had been an educator in Minnesota high schools 46 years until her retirement in 1946.

Mrs. Leora E. Cassidy '04BA in Jan. She was director of women's dormitories at the University of Minnesota until her retirement in 1950, when she served as an adviser for the construction of women's dormitories at the University of Hawaii. A scholarship fund has been established in her name.

Lois M. Jordan '06BA at General Hospital, Minneapolis, on Dec. 22 as a result of smoke inhalation suffered in a fire at her home. She was an employee of the Minneapolis public library for 41 years, serving as head of the order department most of that time.

John O. Halverson '06BA, '07BS in Dec. at a Tucson, Ariz. hospital. In 1920 he joined the animal husbandry department of North Carolina State College in Raleigh, where he remained until his retirement.

Dr. Arthur C. Strachauer '08MD last August.

David L. Morse '09LLB at Blue Earth, Minn.

Lynn S. Helgerson, 70, '10LLB in Minneapolis, where he had practiced law. He was a member of the Hennepin County Bar association and American Bar association.

Thomas Joseph McGrath '10LLB a year ago at Washington, D.C.

Adelaide E. Mason '12BA in Minneapolis in Dec. A native of Alexandria, she taught public school in Warren, Minn., and in Minneapolis from 1907 to 1948.

Mrs. Arthur J. Larson (Mary Ethel King) '13BA at Mobridge, So. Dak.

Dr. Richard O. Leavenworth '12BS, '14MD, former chief of the eye, ear, nose and throat department of Ancker hospital, St. Paul.

Mrs. Dow Ransom '15BSHE a year ago at Fresno, Calif.

Ruth Sherwin Hadden '16BA in Dec. at Monticello, Minn.

Dr. Arthur Harry Langhoff '21BS, '21MB, '21MD at Mankato, Minn.

Robert Carlyle Reck '20BSChem, '21ChemE a year ago at LaGrange Park, Ill.

H. E. Blési '22BSAg, official of the Fairmont, Minn., Canning Co. for more than 30 years, of a heart attack last Oct. He went to Fairmont as high school agriculture instructor in 1922, joining the staff of Fairmont Canning Co. in 1925.

Chester W. Bros '22BSME, '24MSME, executive vice president of Bros, Inc., manufacturers of construction equipment and power generating equipment, Minneapolis, in Jan.

Dr. Richard B. Hullsiek, 59, '22BS, '23MB, '24MD, chief medical officer of the veterans administration (VA) regional office at Fort Snelling, in Feb. following a heart attack. He had been in charge of the VA medical clinic at Fort Snelling since 1946.

Dr. Elmer Noble Hunter '24BS, '25MB, '26MD at Detroit, Mich., a year ago.

Larke L. Huntley '26LLB at Grand Rapids, Minn.

Dr. Hobart Clemens Johnson '23BS, '25MB, '26MD at North Mankato, Minn.

Elmer Ryan '29LLB, former Minnesota congressman, recently near Somerset, Wis., in an automobile collision.

Dr. Gustav A. Hedberg '27BS, '29MB, '30MD at Nopeming, Minn.

Edward Jones '30MA at Twin Falls, Idaho.

James Lewis Schoettler '31BCE at Ames, Iowa.

Mrs. Ruth Ziemer (Ruth Mooers), 47, '31BSED, art supervisor for Phoenix, Ariz., elementary schools, at her home in Phoenix. She resumed her teaching career six years ago after retiring in 1942 to marry Royal J. Ziemer. She is survived by her husband, a daughter, Marilyn Ann, and a son, George, all of Phoenix; her mother, Mrs. Elizabeth Mooers of Devils Lake, and a sister, Mrs. Roger Williams of Detroit.

Marcus John Leyhe '34BS a year ago in Minneapolis.

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