

The
MINNESOTA
ALUMNI **FOSHAY** **TOWER** **WEEKLY**

25c



April 27, 1929

The Alumni-Designed Foshay Tower

MAGNEY & TUSLER

INCORPORATED

ARCHITECTS *and* ENGINEERS

G. R. MAGNEY [Ex.'08E] - W. H. TUSLER [Ex.'14 Arch.] - LEON ARNAL [Prof. of Design Univ. of Minn. School of Architecture]

104 South 9th St., Minneapolis

Architects and Engineers of **THE FOSHAY TOWER**

We have also designed:

Woman's Club Building

McPhail School of Music

Retail Hardware Mutual Fire Insurance Building

Glenwood Chalet

Columbia Golf Club House

Federal Schools

Lyceum Theater

Swedish Hospital

Breezy Point Lodge

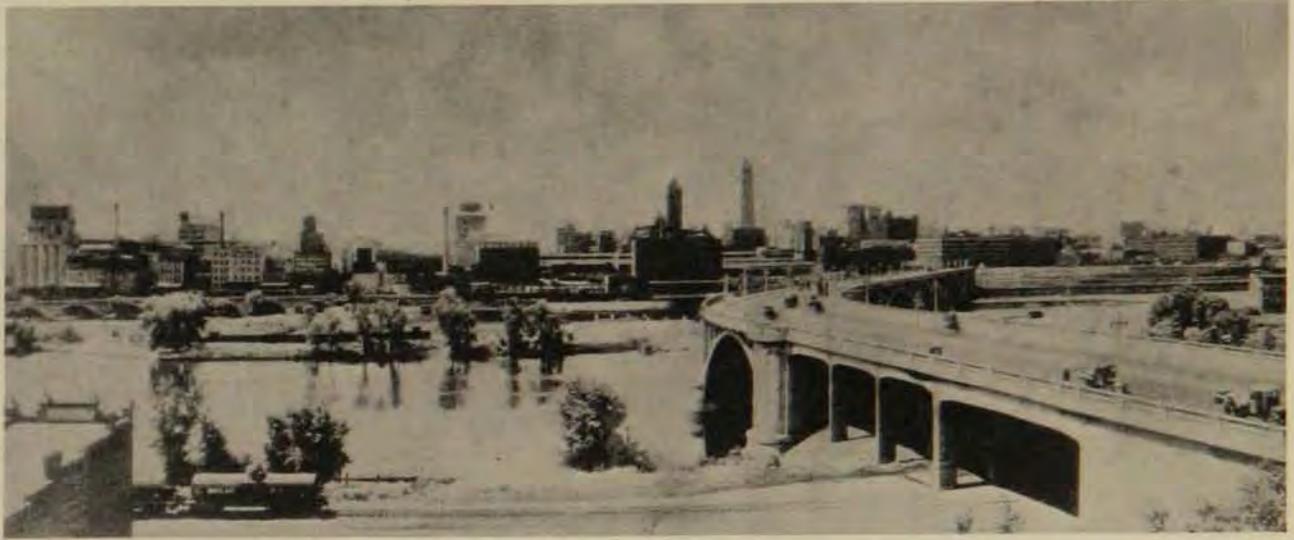
Calhoun Baths

Webber Baths

Buzza Company Factory

Young Quinlan Building [Associated]

THE EDITOR'S INQUEST



As you go down town from the University of Minnesota over the Third Avenue Bridge (visible at the right) you see the magnificent new Foshay Tower rising skyward in front of you. At the left are the famous Minneapolis flour mills. The tower near the Foshay Tower is the Court House.

About \$3,225,000, the Tower, Alumni Work

Appropriations Cut—Must University Take Second Place?

THE legislature and the governor have cut the University's appropriation below that appropriated two years ago. The cut is such that, unless remedial measures are taken, the University of Minnesota must step down from its first place ranking and take a second place in competition with other great Universities of the United States.

The fact remains that the regents asked only enough to keep the institution functioning on a first rate basis. The result is that when the amount which they know is only sufficient to maintain the present ranking is cut, a real hardship is placed upon the administration. While we cannot predict what our new board of regents will do, yet, composed as it is of nine old members, it is safe to say that the University will attempt to meet the deficit created by the state's failure to appropriate sufficient funds, by the only alternative open to it, that of increasing student fees. This means of raising the necessary funds, the University deplures, because this method closely approaches direct taxation. The solution is, of course, the less painful, and the fairer one, of adequate appropriations that will spread the burden to all, instead of to the few.

Many members of both the house and the senate, hundreds of alumni, and many friends of the University worked unceasingly for the welfare of the University, and their efforts are deeply appreciated.

When will the state realize that a great institution cannot continue to function with increasing burdens without increasing funds?

Alumni Work Is Becoming Nationally Prominent

WE enjoyed an informal visit on Tuesday morning of this week with Wilfred B. Shaw, alumni secretary of the University of Michigan who is at present on a six months' leave of absence from his alma mater, conducting a survey of alumni endeavor in the leading educational institutions in the United States under an endowment of the Carnegie Foundation.

Mr. Shaw is attempting to find out if alumni are interested in continuing their education after they graduate or leave college, and to formulate plans for their continued education, if such demand is found. When he completes his travels he will become a member of the Michigan faculty in the capacity of an "alumni fellow," a newly created post. In this capacity he will attempt to bring the fac-

ulty and alumni into closer contact, making use of the knowledge that he has gained on his six months' leave.

Alumni and alumni work are everywhere gaining more attention and are becoming important factors in American educational life. More and more do alumni exert themselves for the good of their institutions, attempting to act in an advisory capacity, rather than in a dictatorial manner. The increasing prominence of alumni organizations too is being felt and there are great plans for the future.

The probable establishment of a central office in New York and the publication of a national magazine, sponsored by the leading alumni associations and publications, is being suggested by leading alumni workers.

Ohio Legislature Is Generous

AN editorial in the *Ohio State University Monthly* for April caught our eye as we were preparing this week's material for the press. It speaks of the generous attitude of the Ohio legislature in making a substantial increase in appropriations for this year for Ohio State University. We quote:

As the *Monthly* goes to press, Governor Cooper has before him for his signature the University's appropriation for the biennium. As approved by the House and Senate, the budget for the University will be \$9,879,206.

Since the appropriation bill was labeled an "administration measure," and since Governor Cooper has evinced a cordially friendly attitude to the University throughout, it is considered likely that the University will get the full \$9,879,206 over his signature.

Friends of the University naturally feel pleased, inasmuch as this is the largest amount yet appropriated to the institution and shows the legislature to be making a commendable effort to insure that the facilities of the University meet the demands of the constantly growing enrollment.

Many voters recognize that Governor Cooper has shown rare courage in abandoning the hypocritical policy of "economy"-for-expediency's sake for a more constructive type of program.

A Worthy Addition

WE met an old friend of ours arriving at the local station one morning not many weeks ago.

After the usual exchange of greetings, he looked over the rapidly changing Minneapolis skyline and asked: "What's that magnificent new white Tower building that I see in the distance?"

We told him it was the Foshay Tower.

It is with pleasure that we present several articles in this issue telling about the alumni-designed Foshay Tower, about the publicity it has brought to Minneapolis, and about the man back of the building, W. B. Foshay, friend of Minnesota and of Minnesota alumni.



"Like a jewel in a superb setting," is a description that fits the Foshay Tower when seen at night.

The MINNESOTA ALUMNI WEEKLY

Volume 28



Edited by Leland F. Leland



Number 26



The location of the Foshay Tower in the heart of the metropolitan area of Minneapolis is readily apparent in this striking aeroplane picture, of the "University City." Note that the residential district across the river extends as far as the eye can see.

Alumni Design Foshay Tower

THE early training received in architecture and engineering at the University of Minnesota made possible the development of our architectural firm and the possible designing of the nation's most unusual skyscraper, the Foshay Tower, which graces the Minneapolis skyline like a jewel. Visible from any part of the city it immediately set off Minneapolis as a metropolitan city.

The Tower is the tallest and most unusual office building in the Northwest. It is placed near the center of a parcel of land 165 feet by 330 feet which constitutes a half city block. Surrounding the Tower on the three street sides is a two-story building erected before the Tower idea was conceived. The Tower is entered from two streets through an Arcade which is adjacent to the inside property line. The Tower, although joined to the low building, is structurally

Northwest's Most Famous Building is distinct addition to Minneapolis skyline—Patent on Construction Applied for by Alumni Architect

independent which makes possible further ultimate building development on the land not occupied by the Tower.

The Tower design which was inspired
By Magney and Tusler

by Washington's Monument in Washington, D. C., is 448 feet high above the first floor level and 450 high above the street elevation. The 89 feet 2 inches by 87 feet rectangular base extends up to the second floor and then sets back 8 feet from the inside property line, making the building 81 feet 2 inches by 87 feet at this elevation. At the second floor level, the exterior walls commence to slope in towards the center of the building at an angle of $\frac{3}{8}$ inch per vertical foot making the structure 58 feet 2 inches by 64 feet at the top of facade parapet walls. An observation promenade surrounds the first roof setback behind the facade parapet walls.

On account of the small structural base of the Tower in proportion to its height, the wind action was an important factor in the structural design. The Minneapolis Building Ordinance stipu-

lates 30 pounds per square foot wind pressure load from the grade line up to the top of the building. This pressure is equivalent to a wind velocity of about 100 miles per hour. The allowed fiber stress in the structural steel, according to the local Building Code, is 18,000 pounds per square inch for dead and live loads except for columns where a fiber stress of 15,000 pounds per square inch for dead and live loads was permitted. For combined wind, dead and live loads, the stresses used were 22,500 and 24,000 pounds per square inch.

In the design a live load of 100 pounds per square foot was used for the basement, first floor and attic storage space and 75 pounds per square foot for the rest of the building except in special cases where the live load was increased sufficiently to support mechanical equipment. For the design of foundations and columns, a reduction of 5 per cent of the live loads per floor was allowed until 50 per cent of the full live loads were reached, which live loads were used for the remaining floors.

The structural steel is incased with a two inch minimum thickness of concrete for corrosion prevention and fireproofing and though the structural steel is designed to take all combined stresses from bending and direct load the concrete protection will add materially to the stiffness of the building.

For determining the bending moments and direct stresses in columns and beams on account of wind pressure, the cantilever method sponsored by Robins Fleming, Structural Engineer, was used. The connections between columns and girders were designed not only to take the vertical shearing stress from floor load above but also the bending moment from wind was taken into consideration.

The foundation is a very important part of the design in a building of this type. The steel columns are supported on steel grillages incased in reinforced concrete caissons which are combined by heavy concrete struts reinforced by steel bars and structural steel sections connected to the base of the columns. These struts were not computed to take any vertical load but to take care of the horizontal forces of wind and earth pressure at the base of the Tower, properly proportioning these forces to all caissons.

The earth was excavated to the bed rock a depth of about 43 feet and the surrounding earth and buildings were supported by a coffer dam.

The caissons were extended through various stratas of broken limestone, soapstone and clay to a solid limestone ledge. On account of undesirable bearing qualities of the upper stone ledges, it was necessary to extend the caissons into the rock approximately 14 feet where solid footing was reached. Standing water was encountered about 6 feet below top of stone ledge and the water below this elevation was practically eliminated by excavating 17 feet into rock for the chimney caisson which were used as a pump receiving the water drained through the stone crevices from the other caissons and pumped into the sewerage disposal system. The seams and cracks in the lower part of the caisson excavations were caulked with oakum which eliminated the flow of water and

the seepage was pumped out just prior to placing the concrete. By this method it was possible to pour all caisson concrete with the exception of the chimney caisson without any interference from water. The concrete for the chimney caisson, however, was poured under water in the customary manner.

The procedure for pouring the caisson concrete was as follows:

Concrete was poured to within six inches of the bottom of grillage elevation. The lower tier of grillage beams were placed in position and supported by leveling devices after which the beams were grouted in up to three inches from the top. After the concrete had set, the leveling devices were removed and the beams grouted in flush with the top

flange. The upper tier beams were then placed in position and grouted in flush with their top after which the steel slab bases for the columns were set in position and concrete poured to within two inches of the top of the slab.

The structural steel columns and horizontal struts between the columns were then erected and the reinforcing steel in the struts and foundation walls placed and the struts were filled with concrete up to the under side of the basement floor slab. Reinforced concrete walls were then constructed between the steel wall columns receiving the earth pressure against the building.

In order to eliminate the wind bending action in the 30 foot long columns passing through the boiler room story, diagonal steel bracing was placed in the basement floor construction carrying the horizontal wind forces at this elevation to the exterior wall columns where the stresses by means of vertical steel bracing between the wall columns were carried down to the caissons. The diagonal bracing in the basement floor construction also takes care of the twisting action from wind in the lower part of the Tower. A similar system of diagonal bracing was provided in the second floor framing to take the twisting action from wind in the lower part of the superstructure. To obtain additional stiffness against wind, reinforced concrete dome type of construction was used in the outer floor panels except where solid concrete slabs occur. Additional stiffness was acquired by reinforced concrete walls between top of window openings and steel spandrels.

The steel framing from the third to the twenty-sixth floors, inclusive, is typical with beams between columns in both directions and diagonal ties in outer corner floor panels. The twenty-seventh and thirty-first floors have special framing to receive the off-set columns required to provide better utilization of the space in the upper part of the building. The exterior wall columns from the second to the thirty-first floor follow the slope of the exterior walls and all interior columns are vertical. The distance from the finished first floor to the finished second floor is 21 feet 9 inches. The distance from the finished second floor to the finished third floor is 14 feet 8 inches and the distances between the finished floors above the third story are gradually reduced to 12 feet 4 inches at the sixteenth story and this story height prevails up to the 27th story. The ceilings from the second to twenty-sixth floors inclusive were furred down to uniform 10 feet story heights, thereby, concealing horizontal mechanical piping and most of the steel bracing.

The roof is of steel frame construction with continuous concrete beams at certain elevations supported on top of the rafters by means of clip angles having lugs extending into the concrete beams, thereby, tying the reinforced concrete and structural steel together. The concrete beams are connected by reinforced concrete struts at each rafter line. A two inch reinforced concrete slab is placed between the beams to form rain water gutters with steam coils directly below the slabs to prevent snow and ice from forming in the gutters.



The set-back plan of the Foshay Tower and Foshay building found their original inspiration in this early contemplated plan for the Washington Monument.

The architects of the Foshay Tower are alumni of the University of Minnesota. They are G. R. Magney (Ex. '08E) and W. H. Tusler (Ex. '14E). Also associated as one of the partners of the company is Leon Arnal, professor of design in our School of Architecture. These alumni and faculty architects have many splendid Minneapolis buildings to their credit.



Trick photography produced this "leaning tower" effect when the photographer attempted to catch the streams of water being "shot" from the top.

What the Tower Means to Minneapolis

THIRTY-TWO years ago, a boy fifteen years of age stood by the side of his father and looked up at that great monument erected as a National memorial to the Father of Our Country. This lad's vision and determination now becomes a reality, helping to develop and improve a great community and inspire other lads to like achievement.

The Foshay Tower was inspired by a combination of inborn mechanical genius and artistic taste. This lad, Wilbur B. Foshay resolved that he would, some day, build a building which would reflect the beauty of the sloping design of the Washington monument and let its tall, shaftlike construction, with its peak pointing skyward, be a haven for industrial activity and a mark of distinction in architectural beauty and general public interest.

Thus was the Foshay Tower first visioned and during these thirty-two years this boy's vision has been supplemented by a man's determination and hard work with the result that Minneapolis today enjoys the distinction of having a World Building—a building unlike any other in the world.

New York has its Woolworth Tower, Chicago its Tribune Tower and other cities have buildings of prominence. Minneapolis can now join hands with New York City and Chicago taking its rightful place as a city of National importance because of the construction of this building of unique design and enduring beauty—all of which is combined with a practical, commercial utility value.

The Foshay Tower stands out in the Minneapolis skyline as a building of dignity, pleasing to observe, gigantic in size and wonderfully beautiful because of its artistic plainness and architectural simplicity.

By C. C. Darnall

Vice-President of the W. B. Foshay Co.

(This photo shows how the Foshay Tower soars above other Minneapolis skyscrapers. Note the familiar landmarks.)

The Foshay Tower is a thirty-two story structure rising 447 feet 3 inches above grade with a foundation that extends 62 feet below grade, having an over all measurement of 510 feet 3 inches. It is constructed of fabricated steel, hot riveted and reinforced with concrete. It is covered with white Bedford stone on all four sides from grade to top, and it is the only tenantable building in the world erected with sloping sides. Twenty-eight of its thirty-two floors contain unobstructed tenantable space all of which enjoy outside location.

Entrance to the ground floor of the Tower is through an Arcade extending from Marquette Avenue to Second Avenue passing under the Tower. This Arcade will be one of the show places of the Northwest as it is being decorated with beautiful imported Italian marble of contrasting colors, ornamental bronze and wrought iron equipment and fixtures with ceiling and lobby dome richly colored in the modern French spirit, but avoiding anything radical so that its period beauty will endure, and all this will be illuminated with latest type of ceiling equipment. The cost of this Arcade will involve an expenditure of \$150,000. Fronting on to the arcade and lobby will be a series of beautiful shops, with a tenancy of the highest character.

As the Foshay Tower rises over 450 feet above the street level, it affords a most magnificent view of the country surrounding the Twin Cities for miles in every direction. In fact you have not seen Minneapolis until you have viewed it from the observation balcony of the Foshay Tower. It will have a floor area of approximately 630 square feet.

This Gallery will extend 3 feet 2 inches in the clear, on the east and west sides of the Tower, and 2 feet 9 1/2 in-



ches in the clear, on the north and south sides, and is reached by elevator service to the 30th floor, from which there will be a stairway leading to the observation floor level.

Protection will be afforded visitors to the Observation Gallery by means of a continuous aluminum grille, carried from the top of the stone railing in a curved line to the inner wall of the building, so that anyone can patronize it with every sense of security and comfort, even though they will look down a sheer 400 feet.

Thousands of tourist and commercial travelers, who will, visiting Minneapolis, seek out this highest of all observation points in the Northwest and will carry to all parts of the world the message of the Foshay Tower and the wondrous beauty of this empire region in which it is centered.

Now what does the Foshay Tower mean to Minneapolis and what, if any, is its benefit to our City?

While location, proximity to natural resources, financial stability, industrial activity and the sagacity of its business leaders are all important characteristics reflecting city's prominence and reputation, its buildings create an interest in the public at large which constitutes a yard stick by which the importance of a city will always be measured.

Buildings of great height, of great artistry, of great purpose, of great significance, all come to mind in reviewing the great cities of the world.

Can you think of visiting Paris without seeing the Eiffel Tower and the Louvre, of going to London without viewing the Houses of Parliament and without visiting Westminster Abbey?

No—no more than you could think of going to New York without wanting to see the Statue of Liberty and the Woolworth Tower; no more than you would dream of going to Washington without seeing the Capitol, the White House and the Washington Monument.

And now Minneapolis has the Foshay Tower—the Building unlike any other building in the world—the tallest building in the northwest—the most outstanding building in our City.

All of these things contribute to the fact that the Foshay Tower has for months been causing comment, inquiry and general interest to be manifested in it, not only in our country, but in foreign lands as well.

Leading newspapers and prominent magazines have given it columns of free publicity, printing an endless amount of news stories and pictures both in black and white and rotogravure.

One story alone—occupying double column editorial space and illustrated, in the Hearst chain of newspapers, under the caption "Washington Would Have Liked to Have Seen It" was probably read by fifty to sixty million people.

The publishers of the Encyclopedia Britannica have secured our permission and a waiver of our copyright privileges to describe and illustrate it in their next edition.

Messrs. Starrett and Hood, internationally famous architectural writers, have manifested unusual interest in the Foshay Tower and its unique design and we understand they propose to use

a description of it in articles that will be widely published in the near future.

Mr. Starrett has just written a new book which also describes and illustrates the Foshay Tower.

New York metropolitan newspapers refuse to print stories or photographs referring to buildings outside of New York and the Burroughs. Notwithstanding this stringent ruling, editors of several New York dailies have given the Foshay Tower wide publicity.

The *New York Times* used an article and a picture in its rotogravure section. The *New York Journal* ran a feature article and a photograph on the editorial page, and the *New York Herald Tribune* ran an article with a prominent photograph of the Tower.

The *New York Sun*, the *New York Post*, and the *New York Real Estate News*, printed articles giving prominence to this unique building.

The *Boston Herald*, the *Chicago American*, the *Syracuse-New York Journal*, the *San Francisco Call*, the *Denver*

Post, the *Denver News*, the *San Francisco Examiner*, the *San Francisco Chronicle*, the *Spokane Review*, the *San Diego Union* and the *Seattle Post-Intelligencer*, are some of the national papers which have used feature stories and columns of print about the Foshay Tower.

The *Chicago Daily News* and the *Denver News* used large Minneapolis skyline photographs in rotogravure sections, in which the Tower was mentioned and prominently sketched in to show the new skyline of Minneapolis.

Mr. Foshay and other members of our organization are continually on the go and are contacting with the public, and we are often asked, "Why do you remain in Minneapolis? Why don't you move your headquarters to New York City or Chicago?"

Mr. Foshay's answer to all such inquiries, is: "Minneapolis gave me my start. It is a great City. It has a wonderful future." This is a "Why" for the Foshay Tower.

★ Thousands of Dental Alumni Endorse Move for New Building

WITH 227 full-time dental students, sixty students of dental hygiene and between 300 and 400 dispensary and clinic patients a day making use of a building that was erected in 1896 and "abandoned" by medical science departments in favor of dentistry in 1912, members of the College of Dentistry at the University of Minnesota believe they have an excellent right to request a new building.

Approximately 2,000 members of the dental profession throughout the state of Minnesota have endorsed the project according to Dean W. F. Lasby. These include the 1,500 members of the State Dental Society and most of the 700 other persons registered in the state as dentists.

Minnesota's College of Dentistry has always been placed in the small select group at the top of such institutions whenever a study of American dental schools has been made. Dean Lasby points out that Minnesota also was near the top in equipment until a few years ago, but has now been passed in this respect by a number of other institutions. Among dental schools which have put up new buildings in the past five years are Columbia, Northwestern, Marquette, Atlantic Southern, Nebraska, Michigan, Washington University in St. Louis and Kansas City Western.

When the new medical campus was created on the south side of Washington avenue, the two buildings which medicine had occupied on the main campus were turned over respectively to pharmacy and dentistry, Dean Lasby points out. At that time dentistry was more a mechanical service, whereas it has since become recognized as a branch of health service. The number of techniques taught in dentistry has increased vastly, with a corresponding increase in the need for laboratory facilities, instructors' offices, consultation rooms, and the like.

The present building is crowded from roof to basement. The only class rooms it contains are on the top floor, with rafters running down to the low-set windows. On this floor also are the only quarters provided for the young women in training to become dental hygienists, sixty in all. Graduates of this course are all employed without delay in dentists' offices or by commercial concerns, unless they go into teaching.

The second floor is given over almost altogether to the clinic and dispensary and is thronged throughout the day by the hundreds of people who have their dental work done at the University for the sake of economy. These are the patients through whom the advanced students in dentistry obtain their actual experience. The dental chairs at which these students work have to be set so closely together that there is serious congestion. Dean Lasby declares also that the lack of ventilation in the building, combined with the inevitable presence of illuminating gas, due to the fact that there must be a jet at every laboratory desk, combine to make a poor hygienic condition. Plants which he has attempted to keep in his office invariably die as a result of the fumes.

Halls of the building are crowded with student lockers and an almost impassable throng exists in the passageways during those times of day when the students are changing the coats of their streetclothes for the dental garments which they wear in laboratories and in the clinic rooms.

These conditions are endured by the students during three years of their five year course. The first two years are spent in the College of Science, Literature and the Arts in pre-dental work.

Faculty offices, staff rooms and the like have been held to an uncomfortable mini-

(Continued on page 515)

The Man Back Tower

of the



¶This is the new Minneapolis skyline—YMCA, Plymouth, Northern States Power, Yeates, Young-Quinlan buildings, Foshay Tower, Court house—City Hall. This photograph was taken from LaSalle and sixteenth avenue south.

¶ The Story of W. B. Foshay, Friend of Minnesota Alumni

WE frequently hear the Old American maxim . . . "Nothing succeeds like success" . . . repeated when speaking of the phenomenal rise to great heights that has been typical of a number of American business men.

One is inclined to look back into the dim background of American financial history when talking of startling successes in American life and look longingly at the Goulds, the Astors, the Hills, the Van der Bilts (as they were originally known), for examples of achievements no longer possible.

But such success is not confined to the nineteenth century alone. Here in Minneapolis during the last dozen years a man has developed a great business that has been of import to alumni of the University of Minnesota and to northwest life itself. For the fact that one of America's greatest cultural Universities was located in Minneapolis had great weight in the decision of Wilbur B. Foshay, president of the W. B. Foshay Company, to locate his business headquarters and to erect the magnificent Foshay Tower in Minneapolis.

For although Mr. Foshay is not a graduate of the University of Minnesota, he is deeply interested in the institution and has sent both his son and his daughter to receive their education within its doors. Many alumni have found employment with Mr. Foshay.

Mr. Foshay began his business career with the New York Central Railroad where he was employed for four years in various capacities. For some years he was with the United Gas Improvement Company at Tarrytown, N. Y. Later he joined the Electric Bond & Share Company of New York, and was stationed at Wichita, Kansas, as manager of their properties. Eventually he was sent to the Pacific Coast by the same company, to take an important position there. While on the coast he became associated with the Fleischhacker interests at San Francisco as manager of the Northwest



¶This is Mr. Foshay admiring a flowery model of his Foshay Tower.

Electric Company at Portland, Oregon.

Mr. Foshay came to Minneapolis in 1915 for Page & Hill. Two years later he decided to go into business for himself and organized the W. B. Foshay Company, which began business in one small office in the First National-Soo Line Building in Minneapolis. During the first year of the company's existence, properties were acquired in South Dakota, Nebraska, Kansas and Minnesota. Other public utilities in the United States were gradually added to the Foshay group until in 1925 some \$10,000,000 worth of properties had been acquired. The present utility properties under Foshay management extend from Alaska to Central America. They supply electricity, gas, water and telephone service to constantly growing communities. They are in many states of the Union and in Canada, Mexico, Alaska and Nicaragua. The value of these utility holdings is over \$16,000,000.

When the W. B. Foshay Company began business eleven years ago its only employee was one stenographer. As the company grew it was necessary to move from one office building to another in order to obtain larger space. Finally the building now known as the Foshay building at Second Avenue South and Ninth Street, Minneapolis, was purchased, and a year or two later, an adjoining building was also purchased. Two more additions, the first housing the Foshay Trust & Savings Bank and the second erected to provide larger office space gave the company a building occupying half a square block in ground area and two stories high. The number of employes in the Twin Cities is now approximately 280, many of whom are alumni.

Harvey Talks of Lawrence

A PERSONALITY that is half Bedouin Arab and half European was said to make up the character of Colonel T. E. Lawrence, known as the modern mystery man of world events, by Prof. E. L. Harvey of the history department at the International Forum luncheon last week.

Colonel Lawrence, working through the foreign office of the English government, helped Arabia gain her independence. He organized the tribes and enabled them to establish themselves without assistance from England or France. In the revolt, Colonel Lawrence had two objects, according to Professor Harvey. One was to set the Arabs free and the other was to end the war by organizing the Arabian revolt against Turkey.

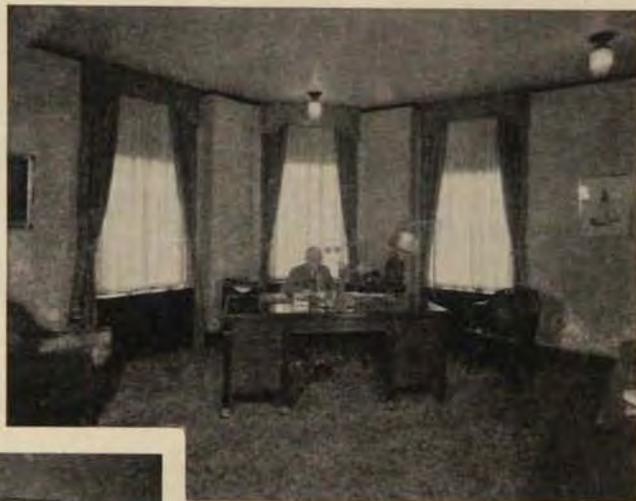
After outlining the campaign and the methods that Lawrence used, Professor Harvey told how Colonel Lawrence drove the Turks out of Damascus, and how he set up the Arabian government there. At the end of the revolt the Arabians were able to assert their independence through the guidance of Lawrence.

How Minnesotans See the Tower

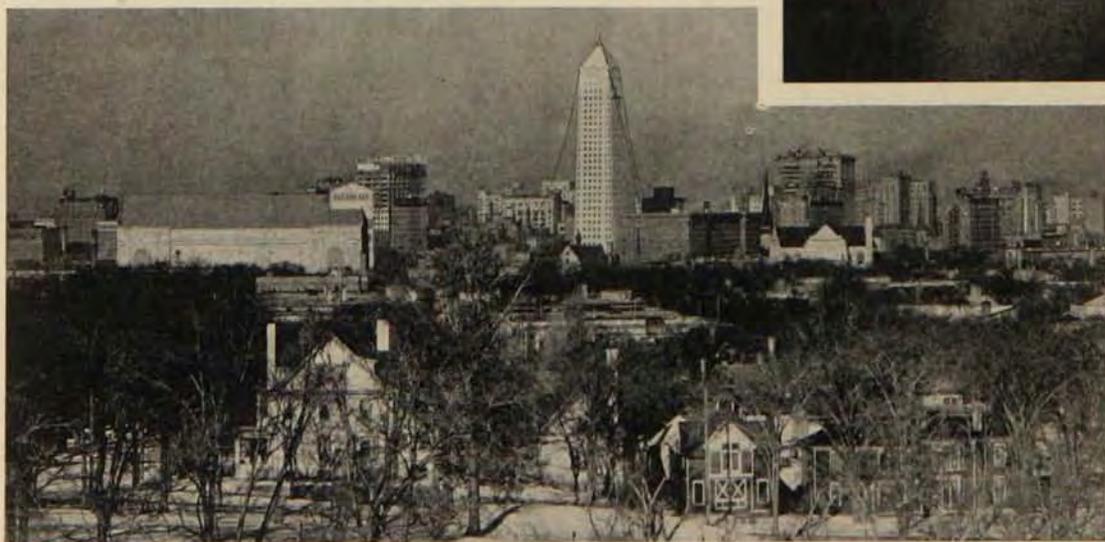


¶Above—The Tower stands out like a white silhouette; view as you approach from third avenue south near the Art Institute. (Below)—The Foshay Tower Arcade is beautifully finished in many colored marbles in a conservative modernistic tone.

¶A typical corner office in the new tower shows the size of the rooms. Mr. Darnall, author of an article in this issue, is at the desk.



¶The elevator halls are finished in light green marble. The elevator doors are made of old hand-wrought Swedish iron with the Foshay coat-of-arms, deeply etched.



¶Another view of the tower shows the Minneapolis skyline from the steps of the Minneapolis Institute of Arts. The large building at the left is the New Minneapolis Auditorium.

"U" Gets \$3,225,000 for Maintenance

★ Interim Commission to Study Needs, Appointed

THE work of another legislature has passed into history and again the combined efforts of the senate and the house and the governor have failed to grant an appropriation to the University of Minnesota that will be sufficient to keep its many wheels of administration, teaching and research functioning smoothly.

For again the allowance is much below that requested by the administration, below the amount passed by the house and the senate; below the total amount received last year.

The appropriation bill for the University finally passed by the house gave the University \$3,300,000, plus \$150,000 for hospital maintenance. It was turned over to the governor for his signature on Tuesday. That night he returned the bill to the legislators with the dictum that it must be reduced \$100,000 per annum giving as his reasons that the University had sufficient funds.

This status of affairs on Wednesday (the last day for passing bills), found an excited state of suspense in the state house, for it was pointed out that the refusal of either house or senate to adhere to the dictates of the governor would force the calling of an extra session.

Conference committees, however, ironed out the difficulties, and after a conference with the governor, a compromise was effected whereby the University was granted \$3,225,000, plus \$150,000 for the hospital.

To review briefly, alumni will remember that the University originally asked the legislature to appropriate for each year of the biennium \$3,930,000 which represented an increase of but \$70,000 over the total funds granted two years ago.

During the last two years, the University had received \$3,300,000 for maintenance, and \$560,000 for buildings. This year the University requested a new 10-year building program of \$3,000,000, or \$300,000 each year. The difference in the amount for buildings, \$260,000, the administration felt, should be appropriated for maintenance, because this would not add to the taxpayers' burdens.

The university gets what the governor said it should have—\$3,225,000 a year, including \$25,000 for the agricultural school at Grand Rapids. The university also gets \$150,000 for the state's share of hospital maintenance, and the governor signed the bill for a building program of \$300,000 a year for the university.

Along with this settlement, there is the new interim commission of 10 members to study the university and school aid questions, including finances, salaries and other questions involving the university. This follows a suggestion made by President L. D. Coffman earlier in the session.

What the Legislature Did to the University



¶ Passed new 10-year building program, allowing \$300,000 each year.

¶ Appointed Interim commission to Study Needs of University.

¶ Granted appropriation of \$3,225,000 for each year of the next biennium.

¶ Elected new Board of Regents of 12 members.

That there remains an undercurrent of bitterness as a result of the appropriations fight was evident in the dying hours of the legislature. Large majorities supported the agreement but senators spoke in no uncertain terms in the process.

"The aspirations and ambitions of the governor" were counting heavier than "the welfare of thousands of school children," Senator Tom Mangan of Morris, said. "I hope this compromise will wake the people up to the kind of economy that is being practised," Senator A. L. Thwing of Grand Rapids, said.

"The selfishness and ambition of certain parties," was blamed by Senator G. D. McCubrey of Moorhead for the compromise on educational appropriations.

"Certain conditions" prevail, Senator Rockne, chairman of the finance committee, told the senate, which caused him to "feel that we had to make the best bargain we could."

"Some day," Rockne said solemnly, "there will be a change."

Not even the governor has a right to tell the legislature what it must and must not do, Senator Rockne declared.

"When the chief executive of this state tries to usurp the constitutional prerogatives of the legislature, I rebel," he said.

Needs of Dentistry College

(Continued from page 512)

mum throughout the College, the dean says. The building also offers a considerable fire hazard.

A statement by the Minnesota State Dental Association points out the following facts:

"It is overcrowded by students, dental hygienists, patients, and classes from other colleges. Nearly 300 students go to the top floor for first hour lectures. Exits for an emergency are not adequate. There are between 900 and 930 gas outlets on four floors of the building. Gas odors and danger of fire from open burners and blow torches are always present. There are 600 electric outlets for power and 500 outlets for lights which overload the electric circuits. The building contains students' property valued at \$75,000 and University property valued at \$85,000. Two

previous fires destroyed teaching materials and exhibits which could not be replaced.

"To teach Clinical Dentistry we must maintain the clinic of 400 to 600 patients daily. We administer anesthetics, both local and general, and do extensive and fatiguing dental operations for them. Every convenience should be provided for their service and safety. The present arrangement is very deficient.

"Dental students have the most expensive course of training and need facilities with good light, air, and equipment. Present basement laboratory and part of infirmaries require artificial light all the time. Student lockers are in hallways and toilet rooms. There is no space for dressing rooms, study, or reading rooms.

"One basement office about 15x15 feet now serves for three technic staffs, the storage of teaching materials, the preparation of teaching materials, and the filing of class records and of finished technic work. The clinical staffs have no staff offices in which students may consult them or where they can develop their work and teaching materials. A University College of Dentistry is the place to study many dental problems which arise in the care of patients' mouths. Research rooms, a photographic department, and other equipment for faculty and graduate students are very much needed.

"Dentistry should be a part of the university health center and located near the hospital and dispensary so that the patients can be more easily handled in cooperation with medical service. A modern, fireproof, hospital type of building suitably equipped can be provided with the proposed appropriation of \$450,000.00."

Right to Issue Bonds Upheld

THE University's power to issue bonds for a men's dormitory system was upheld in the lower courts by a decision handed down last week, by Judge Grier M. Orr.

"The regents have the power to issue bonds on the future earning power of an enterprise, even though they cannot pledge their property," Judge Orr said.

The suit was brought against the University by southeast rooming house proprietors, who claimed that the University had no power to issue bonds, since such a right was not given them under the charter and state constitution.

It is expected that plaintiffs in the suit, who consider that the construction of dormitories will do much to detract from their business, will carry an appeal to the supreme court of the state.

The decision was founded on the reasoning of the supreme court last summer, and confirmed the opinion that the regents were in complete charge of all finances given into their custody.

The state is not liable on bonds issued by the regents in case the University defaults, Judge Orr maintained in his decision. This was one of the strong points relied on by the plaintiffs.

He stressed the idea that the University could not borrow money on buildings or land, but that under present plans nothing could be taken from the institution in case of default. Only the future earnings of the dormitory and other service enterprises were pledged in the original plans of the regents for financing the first unit of a men's dormitory system, and in case these earnings were not large enough, the bond holders would suffer loss.

Minnesotans

In the Days News



Columbus, Ohio, April 20.—"The ways of alumni are funny," said Halsey Hallin in the *Minneapolis Journal* last week. "Not to say inconsistent." So found out Dr. John Wilce, for many years football coach at Ohio State, where Sam Willemann now is head mentor with George Hauser ('17), great Gopher tackle of 1915 and 1916, as first assistant.

"When the Millers were in Columbus, Hauser was a frequent visitor at the hotel. Always an ardent baseball fan, George found time in his big genial way to spend much time with the boys. Here was a hardened old football warrior and coach who admitted he 'wanted to see what the players looked like in civilian clothes.' Wasn't that just like any kid?"

"Well, Hauser admitted that as far as football went he was satisfied with his Ohio State position but at the same time, he can not see any Big Ten championship floating in the breeze for a season or two at any rate. George may just have been talking but it is his opinion that athletics at Ohio must be builded slowly, following the rule into which they have fallen. The Buckeyes will have some stars back for next year, notably this young Fessler, All-American end, who is only a sophomore and who is a star basketball and baseball player as well.

"The spirit is excellent," said George. "There is a football feeling in Columbus that they haven't got anywhere else. They go crazy over football here and even now people stop and ask you what the prospects are, what the schedule is like and how many are out for spring drill. We have a squad of 90 going through the paces now but it will be larger in the fall and we are working just as much for two years from now as we are for next season."

"Ohio State does not play the Gophers next year but the Bucks and the Gophers will tangle in 1930 or the next season and it would be just as well to keep an eye on the development of the Scarlet and Grey."

Council Votes "C" Average

The Interfraternity council has voted for the "C" average requirement for initiation, by a roll call of 15 to 9. Five fraternities were not represented, and one refused to vote.

A strong fight was made against the measure, which included demands for "no publicity" by fraternities opposing the move, cries for modification of the ruling to a two-thirds "C" average, and retractions from previous stands.

The rule as passed, which will go into effect next October, will demand that pledges of fraternities which are members of the council have the same scholastic average for initiation as that required for graduation by the college in which they are enrolled.



"Great Gopher Tackle—"
 GEORGE HAUSER ('17)

Coming Events

Cast Their Shadows



Dr. H. W. Chase, president of the University of North Carolina, will be the principal speaker at the Cap and Gown day exercises at the University of Minnesota, May 16, at which the values, necessities and aims of scholastic honor institutions of higher learning will be made into a debatable topic.

Dr. Chase will lead the symposium on what an honor society should do with its honored membership. The discussion will revolve around the "validity of academic honors."

Announcement was also made that Dr. Otto Mees, president of the National Lutheran Union and the Capital University at Columbus, Ohio, will be the leading speaker at the baccalaureate services June 16, for the spring quarter graduating class.

The University will proceed along new lines with the commencement exercises on June 17, which will be held in the morning, with the customary processional into the Memorial stadium where President Lotus D. Coffman will read a brief charge to the seniors. Formerly the exercises took place in the afternoon and an outside speaker gave the address.

Concert Artists Not Selected

Musicians who will appear on next year's University concert course series have not yet been definitely chosen, Mrs. Carlyle Scott, impresario, says. She will probably go to New York City again before the final selections are made.

Sparks

From the Collegiate Campus



Mabeth Paige Hits Marathoning

Condemning marathon dances as unwholesome, pitiful spectacles, Mabeth Hurd Paige ('29), Minneapolis member of the legislature, said she was in favor of the Lamb bill, prohibiting such dances, which was introduced in the house recently. "I never have seen a marathon dance," Mrs. Paige said, "but from information I have obtained from persons who have I am heartily in favor of abolishing them in the state for all time."

College Increases Earning Capacity

Men who lack the equivalent of a college education will have lost at least \$72,000 each by the time they reach the 60-year milestone in their lives, the National Home Study council, Washington, D. C., points out.

"Furthermore," the council states, "the average highest income per year of the untrained man in the United States is \$1,200, while that of the high school and college graduates is \$2,200 and \$6,000, respectively."

Analyzing the outlook in detail, the council adds: Total earnings of these three classes up to the age of 60 are approximately placed at \$45,000, \$78,000, and \$150,000, respectively. The usual untrained man begins his working career at the age of 15 or 16 and reaches his maximum earning capacity at about 25, while the high school graduate usually enters the business world when he is 18 years old and reaches his greatest income capacity at about 40.

The serious home study student, college or technical school graduate starts to work at about 22 years of age and continues to steadily improve his income and earning capacities virtually without a serious pause. His average income of \$6,000 per annum, conservatively estimated, often is surpassed.

Does Smiling Get Grades?

The coed "grade getting smile" was deprecated and classed as a liability by J. Warren Stehman, professor of finance, in a list of five assets and five liabilities formulated as a criterion for passing judgment on undergraduates registered in the School of Business Administration.

Other traits placed on the debit side of the ledger by the business school instructor included: jumping the bell, classroom dates, requests for higher grades made by people who need the extra honor points to graduate, and adding to the accumulation of debris, such as cigaret stubs, in halls and class rooms.

Sick Students Eat Heartily

Hurrying away from an interview to feed hungry patients in the University Health Service, Miss L. E. LeBlanc, in charge of the wards, stated that in most cases, illness did not affect the appetites of students. Demanding meals on time, and frequently asking for second servings, men in the ward manage to keep happy in spite of the fact that they are temporarily withdrawn from campus life.

Grill to be 1930 Rooter King

John Grill, sophomore in the College of Science, Literature, and the Arts, was selected by the all-University council as rooter king for the school year of 1929-30. Mr. Grill succeeds Vernon Welch, who occupied the position this year.

Minnesotans You Should Know:



The cynic who does not believe in fairy stories will have to give in in this instance. In the University of Minnesota's great alumni body we find *Halsey W. Wilson* (Ex '94), whose life surely reads like a true-blue fairy tale. In 1890 he and a fellow classmate opened a small "nine by twelve" book shop which was about the first one operated on the Minnesota campus. In addition to their book business, they also published a history or literary syllabus for the next day's classes. This modest start has grown until today the H. W. Wilson Publishing Company has a five-story building in New York City, and publishes the Cumulative Book Index, The Readers Guide to Periodical Literature, the United States Catalog, and the Book Review Digest.



Since 1906 *Theodore G. Soares* has been Professor of Preaching and Religious Education at the University of Chicago. Professor Soares came to Minnesota directly from England and he gives the University of Minnesota all the credit for making him an American. Professor Soares received his academic degree from Minnesota in '91 and received his M.A. degree in 1892. Since that time he has taken the degrees of Ph.D., and D.B. and honorary D.D. Although he has been gone from Minnesota for such a long time he has not forgotten his Alma Mater as he came back to deliver the commencement address in '17 and he also took an active part in the stadium drive of '22.



Miles do not lessen our pride in *Mary Mills West* (Mrs. Max West, '90). Mrs. West is living way out in California where she has been an instructor in short story writing at the University of California. While she was an undergraduate Mrs. West was an editor on the staff of the 1890 Gopher and was also a member of the Delta Sigma literary society. Her literary work in her University days evidently left its mark, as she has been interested in this sort of thing ever since, writing short stories and books. Prior to her affiliation with the University of California she was greatly interested in the Children's Bureau and while there wrote three pamphlets regarding the health and care of mothers and babies which were widely distributed throughout the United States.

Rifle Squad Shoots to Second Place

MEMBERS of the Gopher rifle team shot their way into second place during the Big Ten season just closed by scoring victories over four conference schools and losing to the Iowa team which was rated first.

Although the conference season is closed, the Minnesota team will shoot in several practice matches before the close of the quarter and wind-up activities by taking part in the National matches at Camp Perry, Ohio, during the latter part of August and the first part of September.

With the exception of Captain Donald E. Nelson, all of Sergeant Mylk's men will return for competition next year. At that time many of the present team's ineligible men will be in good scholastic standing and be available for matches, according to Coach Mylk.

Iowa, rated as the best team in the conference, captured first at the recent National Interscholastic meet held at St. Louis. Using the showing made by the Hawkeyes as a criterion, it is believed by Mylk that his second-place team will carry off a great share of the honors at the Camp Perry meet. The Gopher squad was not entered in the

St. Louis match which was won by Iowa. During his seven years as the Gopher coach, Sergeant Mylk has turned out

By Fred Fadell



Otterness is again breaking records in track.

teams which have won three firsts, two seconds, and a third in National competition. The firsts were won in 1924-25-26.

The following men took part in the telegraphic matches which were conducted over a period of four weeks: Captain Donald E. Nelson, Minneapolis; Erwin Bingham, Montevideo; Robert Karp, Faribault; William Porter, Minneapolis, Louis Dietrich, Minneapolis, Arthur Garvey, Renville; George Monahan, Minneapolis; Edward Bjorklund, Cambridge; Leonard Anderson, Minneapolis; Arnold Mackner, St. Paul; Edward Johnson, Faribault; Arthur Greene, Winona.

The Conference season ended with Iowa first, Minnesota second, Ohio State third, Northwestern fourth, Illinois fifth, and Indiana sixth.

Otterness Pole Vaults to Honor

George Otterness, Minnesota's premier pole-vaulter, carried off additional honors when he tied Tom Warne of Northwestern in this event by soaring over the cross-bar at 13 feet 4¾ inches at the Kansas Relays staged at Lawrence, Kansas, on April 19-20.

This mark established a new record for the meet, and also placed Otterness as one of the leading contenders in the country for a record mark which will

most likely be made before the outdoor season ends.

During the Minnesota Relays at the Field House on April 6, Otterness and Warne tied for first place at an even 13 feet. The Kansas record with its increase of more than four inches, again placed Warne and Otterness on par with each showing the same improvement.

The Minnesota medley relay team won fourth in the University relay event which was won by Michigan in 10 minutes 59.1 seconds. Captain Ted Catlin, Buffalo; Arthur Weiseger, Minneapolis; Bruce Strain, Minneapolis; and Errol Anderson, Minneapolis, formed the Gopher relay team.

Following are the remaining dates on the Minnesota track schedule:

April 26-27—Drake Relays at Des Moines, Iowa.

May 4—Wisconsin at Madison.

May 11—Michigan here.

May 18—Iowa at Iowa City.

May 24-25—Conference meet at Evanston.

June 8-9—National Intercollegiate at Chicago.

Baseball Nine Returns From South

Coach "Dutch" Bergman's varsity spring training baseball squad will return to Minneapolis Wednesday, April 24, after completing a rather unsuccessful jaunt which so far has netted them but one victory against three defeats. As the ALUMNI WEEKLY goes to press on April 23, the results of the final game with Ohio State are not available.

On April 15 the squad slugged its way into a 19-5 victory over Ohio university in its first southern game. Tilts were scheduled with West Virginia on the following two days, but both of these games were rained out.

The team will open its home schedule with Iowa on Northrop field May 8.



†Sergeant Ernest Mylk, Coach of the rifle team.



†Donald E. Nelson, captain of the rifle squad.

The University News Budget

The Week on the Campus



Many Southeast Rooming Houses Fail to Install Fire Escapes

Recent southeast fire inspection reports have indicated that 16 owners of University rooming houses have failed to provide fire escapes and all have neglected to install fire extinguishers to assure the safety of their student roomers.

McCormack Receives \$7,000 For Local Concert

Twenty-five years ago John McCormack, who sang in the Minneapolis auditorium Wednesday, was making \$50 a week singing at the World's Fair in St. Louis.

For the concert on April 24 he was paid \$7,000. This, according to Mrs. Carlyle Scott, who brought him here, is the largest sum he has ever received for a single concert.

400 New Volumes Added to Library

Four hundred volumes have been recently added to the University library collection, according to Frank K. Walter, librarian. The books have been used to fill the place of old volumes which were in need of binding, Mr. Walter said. Among other recent acquisition is a rare French periodical relating to the "Journal of Inferior Tribunals" and a shelf full of pamphlets on the Italian revolution.

Inter-Fraternity Pledge Dinners Scheduled

"We hope that this series of freshman dinners will create a better interfraternity feeling and break down prejudices that may have been built up between various fraternities as a result of competitive rushing," said Otis C. McCreery ('22), assistant dean of student affairs, about the series of dinners being given by members of the Interfraternity Council for pledges of other fraternities.

Floods to Illuminate Auditorium Plaza

Flood lights from the top of the Library and Chemistry buildings will illuminate the majestic columns of the newly completed Northrop Memorial auditorium, if a proposed plan becomes a reality.

Dr. William F. Holman, superintendent of University buildings and grounds, has charge of the plans. Two parallel rows of electric lights reaching from Washington avenue to the auditorium will guide visitors to evening performances.

Frosh Engineer Elected "Techno-Log" Head

John P. Shirley, freshman in the College of Engineering, has been elected managing editor of the *Minnesota-Techno-Log* at a special meeting of the Engineering Board of Publications. Mr. Shirley has been employed on the staff of the *Techno-Log* here this year, following experience on the *Yale News*, at Yale university.

Girls of House Council Want Parties to Start and Close Earlier

Letters from the House council (female) requesting that all fraternity parties begin earlier and end by 1 a. m., have been read in each fraternity house on the campus.

Part of the student body protest is aroused by the desire to "get going" earlier and to spend more of the evening, and less of the morning at a party. The condition that now exists on the campus makes it possible that a couple arriving at a party by nine o'clock may get there before the orchestra. The new method, when tried, will make it possible for early comers to be free of any embarrassment.

4,000 Students Use Minnesota Union Every Day

With from 3,000 to 4,000 students using the Minnesota Union daily, Minton M. Anderson ('20), manager, believes that the building is operating as efficiently as any other such organization in the country.

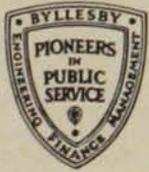
A fund of approximately \$13,000 is needed annually to run the building. As the income from student fees is \$16,000, an excess is left for new equipment, machinery replacements, and improvements to the building. These figures do not include cafeteria, which is directed by the office of the comptroller and is not under the Board of Governors of the Minnesota Union.

5,577 Take University Courses by Correspondence

The Minnesota correspondence study department organized in 1913 with an enrollment of 83 students, now ranks seventh in registration in the country with a total of 5,577 students, A. H. Speer, department head has announced. The wide spread of correspondence study work is shown by a recent survey of 47 state universities and colleges wherein it was found that all but one carried a correspondence study department.

The reason for this promotion of correspondence study by the universities is to counteract the unethical conduct of the numerous commercial correspondence schools and to save a part of the seven million dollars that the American people spend annually on them, Mr. Speer said.

The University of Minnesota offers comprehensive and authoritative courses at a minimum expense. Practically anything from anthropology to interior decorating may be studied. The percentage of students who complete a course at Minnesota is nine times as great as in the average commercial correspondence school.



1¹/₂ Million

Nearly a million and a half people reside in the territory served by the Northern States Power Company throughout its system.

To serve this army of human beings over a widely scattered area is quite a job; for each individual wants service exactly when he wants it.

We can never say, "Sorry, we're out of stock at present." Your demands are anticipated years beforehand so that you may rightly expect service without an instant's notice.

Personalia

1886



1931

'86—John W. Bennett of Washington, D. C., was in Minneapolis a week or so ago and while here called at the WEEKLY office.

'92—Another old faithful alumnus of Minnesota died April 5. It was Dr. N. H. Marshall of Chaska, Minnesota, who died at the age of 69. Dr. Marshall has been practicing in Chaska practically ever since his graduation. At the time of his death he was the health officer of Chaska.

'92L; '93—The death of Charles Stuart Benson was a great shock to everyone who knew him. While crossing the street on the evening of March 19, 1929, at Bend, Oregon, he was struck by an automobile and was instantly killed. Mr. Benson was born in Anoka, Minnesota, in 1868. After his graduation from the university, he practiced law for about ten years in St. Paul where he served several terms on the City Council. In 1903 he went west and settled in Bend, Oregon, where he opened an office for the practice of law which he has followed ever since. Mr. Benson was city attorney for twelve consecutive years and had a good private practice as well. He had accumulated a law library that was easily valued at \$4,000, and a general library valued at \$3,000 which have both been willed to the Public Library of Deschutes County, Oregon. He was a member of all the Masonic bodies, including the Shrine, a member of the Modern Woodmen of America, of Psi Upsilon and a professional law fraternity, Phi Delta Phi.

'93—Mrs. Gertrude Bell Burton had an article in the April *Minnesota Journal of Education*, "Being a part of the Community." She has lived for a number of years in Elmore and Blue Earth, Minnesota. Following the death of her husband, Dr. Charles N. Burton she taught art in the Blue Earth High School, but is now in charge of the teacher training department at Princeton.

'96—We have just received another article in pamphlet form written by Benjamin C. Gruenberg. The article, "Science via Suffrage" was written for the Department of Preschool, Elementary and Adolescent Education and was published first in the *Journal of the American Association of University Women* for April, 1929.

'96Md—Dr. Peder S. Vistaunet of Shelly, Minnesota, died in March at the age of 61. Dr. Vistaunet had been practicing in Shelly for eighteen years.

'04—Bessie B. Scripture, who is the librarian at the John Marshall High School in Minneapolis, will teach in the School of Library Service, at Columbia University this summer.

'10Ed; '13G—"A year eventful and consequently interesting." Right! Aloys P. Hodapp surely has had an interesting and eventful one. A year ago he resigned his Professorship in Social

Sciences at St. Thomas College to accept a similar position at Loyola University in Chicago. After teaching six weeks of summer school last year, he returned to Minneapolis and was married August 14 to Margaret Meaghan. They took an extended wedding trip all through the west going through the Pike's Peak region, Royal Gorge, Cripple Creek Gold Mining region,

Alumni Books

That We Have Read



HAVE you reached the point where you have sworn off of books until this seizure of "the portrayal of life as it is" clears away? It's hard business, this hearing and seeing "life as it is" all day and then having to read about it during the evening, so several months ago we vowed that we'd spend our leisure hours with novels of plot, biography and books of travel only. The experiment has been a pleasure, and we no longer dream of pleasure-hungry girls whom one must forgive for their lack of discretion and poor weak young men who couldn't help being as they were because they hadn't a chance. We don't doubt their reality and their greatness, but it's like going to hear a jazz band to cure a headache.

In our search for the type of novel which soothes and pleases most, we've proved what we've always thought—the Irish and those of Irish extraction are a good tonic for a lot of ills. Their prose is beautifully poetic, their love and appreciation of nature deep, and their belief in God and human nature almost untainted. Nowhere will you find such a delightful sense of humor and the ability to tell a thrilling and yet possible story.

It was with an eager anticipation then that we unwrapped our own Darragh Aldrich's ('00) new book, *Peter Good For Nothing* (MacMillan Company, \$2). In its fresh green cloth binding, it was a welcome sight on a Saturday afternoon. When we closed the cover after we'd finished reading it, we pronounced it thoroughly satisfactory. The plot is fine, well constructed, moving along rapidly enough to keep the interest high and yet with pauses for Mrs. Aldrich to pour out her knowledge and adoration for those great north woods skirting Lake Superior and Northern Minnesota. For it's a lumber camp story in which a strange French Canadian wins the polished daughter of the "boss." His dialect is excellent, making him the more mysterious and charming. The polished daughter reminds us that an education can give more to a young person than artificial sophistication.

An evening or so with Pierre Bonarien was as good for us as a walk along a deer trail into the woods might have been. If you've never been to the North woods, Mrs. Aldrich will make you decide on such a trip for your vacation tour, and if you have been there, you'll find even more pleasure in *Peter Good For Nothing*.—W. S. L.

Rocky Mountain National Park, Yellowstone Park, Big Horn Mountains and the Black Hills. Mr. and Mrs. Hodapp have purchased a home in Chicago at 2478 Estes Avenue and they say that they would be pleased to see any of their friends at their new home.

'15Ag—Another contributor to the April issue of the *Minnesota Journal of Education*, was Angeline V. Keenan who is the supervisor of personnel of the Young-Quinlan Company in Minneapolis. Miss Keenan was formerly in the home economics department at North High School, having gotten her B. S. degree in the Home Economics department at the University. The title of her article was, "Choose Yourself a Type."

'19—Dr. Lloyd C. Anderson has moved from Poplar, Montana, to Miles City, Montana, where he has taken over the practice of Dr. A. M. Brockway.

'24E—Frank R. Root has left his position in Wheeling, West Virginia, to work with the Hay Weaver Company, contractors for a sizeable Standard Oil job in South Bend, Indiana.

'25E—Everett L. Peterson is teaching at Rolla, Missouri, at the University of Missouri School of Mines. His subjects are engineering, drawing, descriptive geometry and elementary architectural drawing. He says, "Great country here, right in the Ozarks as soon as I have my work finished for the day. I am off for some quiet spot to do a little water color sketching. There is plenty of inspiration here. Weeks go by like days used to, but I like it."

'26B—Margaret Alice Fischer's engagement to George W. Northbridge, of Brooklyn, was announced recently by her parents, Mr. and Mrs. James Granville Fischer of Lapark, Pa. Margaret is a member of Delta Zeta sorority.

'26E—We had a letter from Lawrence A. Sandvig written in New Orleans, La. In his letter he said he felt fortunate living in such a pleasant climate as New Orleans has at this time of the year (meaning winter). Lawrence is located there for the U. S. Gypsum Company on fireproofing and sound insulation work in the music hall of the Tulane University. He began work for this company shortly after his graduation from the University and has remained with them ever since. He says that sound insulation work is one of the new types of construction handled by the contracting division of the Gypsum company and one of much possibility and importance.

'26E—"From the first blare of their jazz band on shipboard to the moment the last piece of stickered baggage rests again on American soil, each day of the collegian's trip abroad is a glorious chapter in a book of educational adventure." So writes Paul B. Nelson in the May issue of *College Humor*. Alumnus Nelson should know for he has spent the past two summers traveling extensively in Europe. He is now the director of information for the Guild Travel Bureau of Chicago.

'26Md—Dr. J. F. Regan has been on the staff of the State Hospital for the Insane at Jamestown, North Dakota, since March 4, 1928. Since the fifteenth of last October there has been another Minnesota man on the staff also. L. S. Sten-

A MONTHLY RECORD OF AUDITORIUM CONSTRUCTION

How the Northrop Memorial Auditorium Appeared on April 17



Finishing Touches Put On the Northrop Auditorium Exterior

The final finishing touches are being put on the exterior of the Cyrus Northrop Memorial Auditorium as this is being written. The last of the scaffolding has been removed from the front of the building and workmen are now engaged in cleaning down the exterior brick and stone walls.

The photograph above (taken on Wednesday, April 17) gives you an impression of the huge size of Minnesota's auditorium. The structure is wide, sweeping and commanding. It is beautiful, dignified, and impressive as the dominating feature at the head of the Mall should be.

Work on the interior is also progressing rapidly and it is expected that the building will be finished by early summer.

Paul Steenberg Construction Company

SAINT PAUL, MINNESOTA

So important do we consider the construction of this building that we have contracted for this space once each month for eight months so that we may bring to you the story in word and picture of the progress of this building. Each month this space will carry the very latest picture of the structure. Watch for the next insertion in May.

seth ('28D), is the resident dentist at the State Hospital.

'27L—The betrothal of Alfred L. Bergerud of Fergus Falls, Minnesota, and Marjorie Thompson of Minneapolis was announced on March 3. The wedding is not to take place until early in the fall. Mr. Bergerud is affiliated with Kappa Sigma fraternity.

'27Ed—The engagement of Imogene Foster to Kenneth J. Francis of Manchester, New Haven, was announced by Miss Foster's parents on Sunday, February 24.

'27—Early summer will bring the wedding of Helen Kiesner whose engagement to J. Raymond Riley has recently been announced. Miss Kiesner belongs to Alpha Delta Pi sorority.

'28E—Paul W. Jones turned down the teaching position at Rolla, Missouri, to take a job on the teaching staff at Fargo, North Dakota, at the State College. He is teaching sophomore design and lecturing in elements, construction and history.

'28—Helen Larson plans to spend two months touring the European continent upon the arrival of her mother, Mrs. C. J. Larson, in England. Mrs. Larson left March 16 for New York and sailed Wednesday, March 20, on the Leviathan. Hedwig Stalland ('28) and Mary Frances Giddings ('28) who are also in the party with Miss Larson spent their Easter vacation in Paris. Gertrude Reeves, a faculty member in the Minnesota department of music, who is the chaperone for this group of girls, plans to go to Leipzig this month to continue her studies. Miss Larson and her mother plan to return to the United States in June.

'28Ag—Helen Heard was in Bronxville, New York this past February visiting her grandparents, Mr. and Mrs. C. F. Penny. She left March 3 for Chicago where she will be assistant to the head dietician of the University of Chicago.

'28P—Donna Claire Howard and Edward M. O'Toole ('27P) have announced their engagement.

'28—Tuesday, April 2, was the date of the marriage of Dorothy Roberts and Francis P. Whiting (Ex '26). The service was read in St. Paul's Episcopal church. Miss Roberts belongs to Delta Gamma sorority and Mr. Whiting is a member of Sigma Chi fraternity.

Ex. '28—The middle of April was the date of the marriage of Eleanor Jo Gibbs. Her engagement to Harry L. Craddick (Ex. '26B) was announced some time ago. Miss Gibbs is a member of Pi Beta Phi sorority and Mr. Craddick belongs to Phi Gamma Delta fraternity.

Ex '28—Leaping from his airplane which was about to crash when it went into a tailspin at an altitude of 3,000 feet, William T. Walker, whose home is in Minneapolis, was instantly killed March 5, at Well's airport, Lawrence, Kansas. The pilot remained in the plane and was taken from the wreckage dead. Mr. Walker registered at the University of Kansas last fall. A meager description of the fatality was given by the registrar of that University. The plane went

into a dizzy tailspin 3,000 feet in the air, righted itself at 300 feet, then spun again and crashed.

Ex '28—The marriage of Robert Shay, prominent University tennis player, and Marie Paulson (Ex. '28) took place last September. Miss Paulson is a member of Pi Beta Phi sorority and Mr. Shay belongs to Phi Gamma Delta fraternity. Gladys Paulson (Ex. '29) who was her sister's maid of honor returned from a trip to New Zealand and South Sea Islands just before the wedding.



A CALENDAR FOR THE BUSY MINNESOTAN

On the Campus

May 3—Senior Prom at the St. Paul Hotel.
May 3, 4—Masquerade Play, "The Queen's Husband," by Robert Sherwood.
May 4—Track, Minnesota vs. Wisconsin at Madison.
May 4—Tennis, Minnesota vs. Northwestern at Minneapolis.
May 4, 5—Y. W. C. A. All-Association House Party at Lyman Lodge.
May 8—Baseball, Minnesota vs. Iowa at Minneapolis.
May 9—Cap and Gown Day.
May 10—Engineers' Day, Parade, Knighting ceremonies and dance.
May 11—Baseball, Minnesota vs. Wisconsin at Madison.
May 11—Track, Minnesota vs. Michigan at Minneapolis.
May 11—Tennis, Minnesota vs. Michigan at Ann Arbor.

Down Town

SHUBERT—April 28-May 4, Marguerite de la Motte in "The Great Necker."
SHUBERT—May 5-11, Florence Reed in "The Shanghai Gesture."
HENNEPIN-ORPHEUM—The Watson sisters headlines on the stage, and on the screen, William Boyd in "The Leatherneck." April 28-May 4.
STATE—"The Broadway Melody." All talking, all singing, all dancing. April 26-May 2.
PANTAGES—April 26-May 2, "The Shakedown," movie.
LYRIC—April 27-May 3, "Should a Girl Marry?" Movie.
MINNESOTA—April 27-May 3—

The stars of "The Barker," Milton Sills and Dorothy Mackaill are co-starred in "His Captive Woman," which is shown at the Minnesota theatre this week. The picture was adapted from the story by Donn Byrne and is considered the newest and possibly the best combination of sound and dialog yet produced.

Dorothy Mackaill, a jazz-mad Broadway murderess, flees from justice to the South Seas and is pursued by Milton Sills, a hard-boiled New York cop. He overcomes many obstacles to capture her and en route home a shipwreck casts them alone on an uninhabited island. Their exile on this island develops into a battle of the passions of two stubborn souls; a tempting woman trying to bribe herself from justice and a rugged man trying to ward off a growing love for this woman in order to maintain his honor. They finally return to New York to face justice together.

The climax of the picture is the trial in which the details of a sensational love-nest murder are unfolded revealing the soul of a beautiful woman—who murdered. The jury, after much deliberation, metes out a startling verdict.

Helen Macfadden, daughter of Bernarr Macfadden, appears, in person, with the gala Public stage presentation, "The Perfect Girl."

Ed. U—The attractive red and black cover showing the new design of the University of Minnesota Press on the Press' fall catalog was done by Hilma Berglund. The catalog presents quite a formidable array of books of interest to the educational mind.

Ex '29—The marriage of Phyllis Zimmerman of Minneapolis to Charles J. Hanley of Chicago took place February 12 in Chicago where they are at home.

Ex '29Ag—The marriage of Maxine Colburn of Excelsior, Lake Minnetonka, to Glen Ross took place in San Francisco December 1. Mr. and Mrs. Ross are to make their home in Westwood, California.

Ex '29—Continuing their close friendship of schooldays, Alice Casseday and Aileen Powers ('30) announced their engagement on the same day and both weddings are to be events of the spring. Alice Casseday's engagement to Herman A. Meili ('29E) of Minneapolis, and Aileen Powers' engagement to Harold W. Dougher of Hollywood, California, were both announced on February 10. Both Miss Casseday and Miss Powers are members of Kappa Alpha Theta sorority.

Ex '30—Among the spring weddings will be that of Beatrice Volterra Richards. Her engagement to Clifford R. Nordstrom was announced a few weeks ago.

'31—Congratulations are due Kathleen Fleming on her new appointment in the business world. She is now in the gown shop of the Golden Rule in St. Paul and will be glad to help you solve your problems or to model for you. Good luck, Katey!

The Faculty

"For the Good of Minnesota"



Agriculture—Albert G. Black, assistant professor of agricultural economics, has submitted his resignation to take effect July 1, to become head of the department of agricultural economics of Iowa State college at Ames, and chief of the section of agricultural economics of the Iowa experiment station. Dr. Black came to the University in 1924 as a graduate student, and then became a member of the faculty staff. In 1927 he took his doctor's degree.

Military—Major Bernard Lentz, for the past years head of the University military department, has received announcement of his appointment to Fort Snelling. It was known some time ago that Major Lentz would be transferred from the University, but he did not know definitely where he would go until yesterday. Four other officers are also leaving the University unit this spring. They include Major Ray C. Hill, Capt. Nyal L. Adams, Capt. Wilton B. Persons, and Capt. Julian H. Gist. They have not yet been assigned to other posts.



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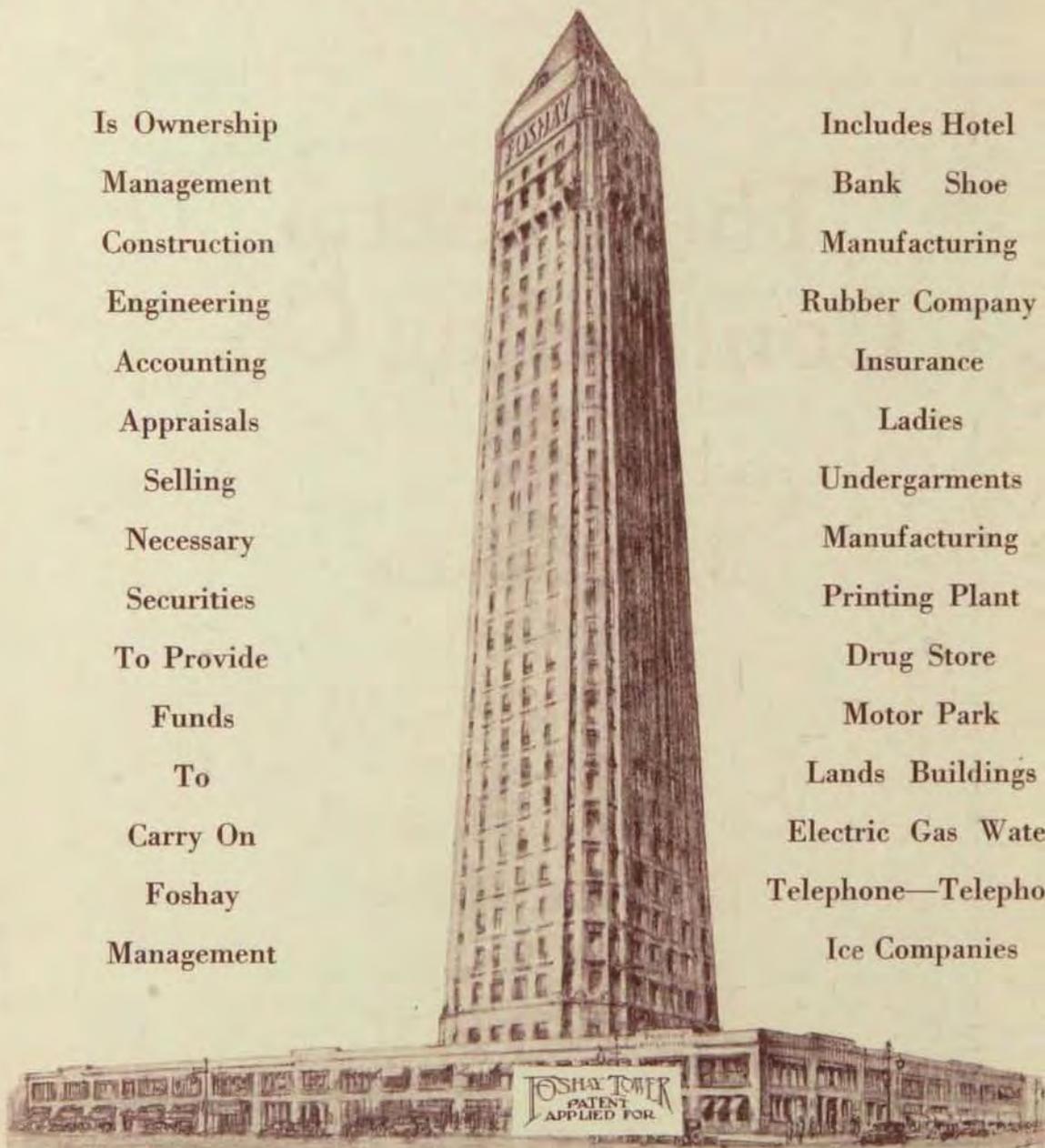




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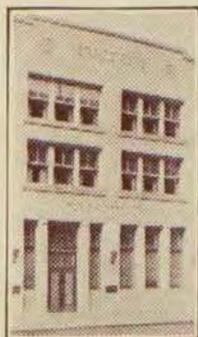


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THE MINNESOTA ALUMNI WEEKLY



THE ENTRANCE TO THE UNIVERSITY OF MINNESOTA'S MUSIC BUILDING IS STRIKINGLY BEAUTIFUL.

Publication of Our 45,000 Alumni
May 4, 1929

Study at Minnesota

the Heart of the **NATIONS PLAYGROUND**



MINNESOTA, the second largest state University, invites you to attend its 1929 Summer Session.

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Art
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In addition to the offerings of the colleges giving courses in the 1929 Summer Session, the University will sponsor (1) a special series of lectures and demonstrations by artists of international prominence dealing with various phases of interest in the field of fine arts, (2) a conference on the problems of the small town, (3) a symposium headed by six of the world's recognized leaders in physiology and biochemistry, (4) a symposium on chemical kinetics directed by outstanding European British and American specialists in this field.

RECREATION

"In the Heart of the Nation's Playgrounds"

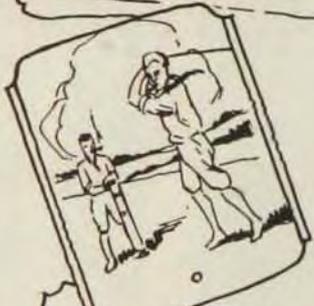
Supplementing the vast Natural Playground of Hills and Valleys, Lakes and Rivers that Minnesota offers, a special recreational program has been organized. Highly interesting Lectures, Convocations, Concerts and Dramatics. Excursions to Points of Historical, Artistic and Industrial Interests. Tournaments in Golf, Tennis, Hand Ball, open to men and women.

TERMS:

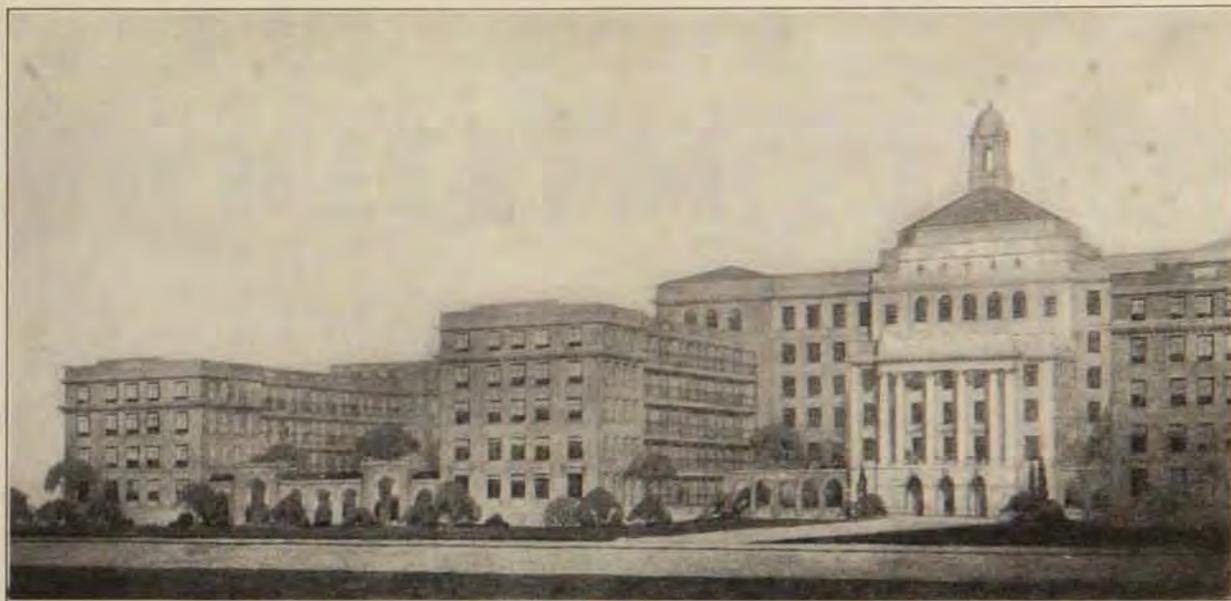
1st Term.....June 18-July 27
2nd Term.....July 29-Aug. 31

For Complete Information on the Summer Session, address—
Director of Summer Session, Box C

UNIVERSITY OF MINNESOTA
Minneapolis, Minn.



THE EDITOR'S INQUEST



The City of New Haven, the New Haven Hospital and the Medical school of Yale University have joined forces to organize one of the greatest medical units in the world. Above is pictured the new buildings of the Medical School and the New Haven Hospital. The total cost will be \$15,500,000 of which \$10,500,000 has already been raised. Here is an example that the City of Minneapolis should follow.

About Abusive Editorials and Comparisons

"The Trivia of College Life"

A POORLY informed editorial writer on the *New York Herald-Tribune* recently took occasion to utter a diatribe against college alumni, hiding behind the screen of generalities and attempting to indict the thousands of alumni in the United States. Titled "Alumni Nonsense" the editorial was inspired by a letter written by a group of alumni of Columbia on the football situation there:

Undergraduates sometimes write nonsense, but they hardly ever achieve the foolishness of the perpetual undergraduates among the alumni. *Columbia Spectator* published this week a long letter signed by a group of alumni recently prominent in undergraduate activities who are concerned with the lack of undergraduate interest in athletics and with the fact that Columbia has a losing football team. They scold the present generation of undergraduates for not properly supporting teams. They scold the coaches for not enforcing that high and Spartan discipline which would produce winning athletic organizations. To read this letter (of which one could find analogues in every college alumni weekly in the country) one would never guess that the chief alleged business of the American College was the education of mind and character through study and play. One would never imagine that intercollegiate athletics was a side-show to the really important business of general sport.

It is an important and a hopeful fact that all over the country this type of rah-rah business is becoming confined to the alumni. Some months ago at Yale the football coach grew publicly dolorous over the faint attendance and enthusiasm at a football rally. Intelligent undergraduates must wonder at men who three or four or twenty years out of college persist in acting like perennial freshmen. Alumni weeklies are generally filled with the trivia of college life. Almost none of them is concerned with presenting to the alumni what the college or university is trying to do or what the undergraduate activities that really help the all-round development of the average student are accomplishing.

Fortunately, the tide is setting strongly in the other direction. Such grown-up nonsense is significant chiefly for its increasing obsolescence. It will doubtless soon be as out of date as that condescending disdain of athletics which formerly permeated the faculties of most American colleges.

Abusive editorials do not bespeak of the dignity that one usually attaches to a great New York newspaper, and we are inclined to wonder how many "alumni weeklys" the writer has examined closely. Few alumni publications deal solely with "the trivia of college life."

We hope the MINNESOTA WEEKLY has not been guilty of "overplaying" athletics. Let us look at this issue. There's an article on "Sound Pictures," quite technical, too. Then there's an interesting story about the financial management of the University; another article tells about a beautiful new Minneapolis church whose pastor is an alumnus; and there's an article about a meeting of our Washington alumni unit, to which some of the nation's leading citizens went . . . trivia?

The editorial touches a sore spot, and it might be well for us to examine the status of football. In suggesting letters to the editor, we would ask if the daily newspapers, including the *Herald-Tribune*, are not more responsible for the over-play given football than the alumni themselves? Have not the newspapers pushed the spectacular athlete into the limelight of excessive publicity; have they not been somewhat responsible for the erection of the huge stadia that greet the football spectator today? We believe they have.

Make Fair Comparisons

WE hope that when the interim committee to study the . . . of the University of Minnesota begins its work that it will not forget to include an exhaustive survey of other leading universities. We hope that they will examine the registration, the total enrollment, the status (educational, scientific and financial), the building space, the schedule of salaries, and the maintenance appropriations of our neighboring Big 10 universities, so that a fair comparison may be made to include in the report which this committee will make to the 1931 legislature.

Official investigation made by the administration and published this year shows that Minnesota has one of the largest enrollments and one of the smallest maintenance appropriations of any Big 10 university. Surely the high-minded group of men whom the people of Minnesota send to represent them in the state's law-making body will want their own University to compare favorably with other state universities. Surely their pride will not allow them to topple, willfully, their own great educational institution, relegating it to a second-rate position.

June 17 Is Alumni Day

JUNE 17 is the day. What day? Alumni reunion and commencement day. The biggest day in the year for returning alumni. Every class whose numerals end in 4 or 9 will reunite this year. Members of other classes, of course, are invited to return.



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Not the slightest foreign sound must enter the sound motion picture studio. We use the above illustration through the courtesy of the Western Electric Co.

SOUND PICTURES

By Claire E. Fox ['29E]

IN synchronizing sound with motion in motion pictures two very different and distinct methods are used. In the one, the sound is recorded on a disc similar to the ordinary disc phonograph record, only of greater diameter. The other is the photographic impression of the sound upon the film itself. The latter is in the form of a band one-tenth of an inch wide, and to one side of the film. At present there are two principal methods of recording the photographic impression of the sound upon the film. The one is called the "variable width" and the other is called the "variable density." These types will be discussed later in the article.

The problem is not primarily one of synchronizing sound and motion on the film as this is a mechanical feature readily accomplished. The real problem is the recording and producing of the sound of a satisfactory density and an adequate volume.

The producers find their greatest prob-

lem and item of expense in the recording of the sound and motion. It was necessary to build sound proof studios since the sensitive microphones would pick up all sounds produced while the scenes were being taken. The noise of the cameras themselves had to be corrected. While shooting a scene the arc light may start "singing" or a truck may rumble past the studio. These vibrations are picked up, recorded, and will not be detected until the scenes are reproduced.

The printing of the film with the sound band on it, is extremely difficult. If the emulsion of the print is not of a perfect texture, or if it is dirty or scratched it will cause ground noises.

In the recording of the sound impressions on the film itself, the sound waves are picked up by "condenser" microphones whose diaphragms will vibrate. The amount of displacement of the diaphragm is proportional to the intensity of the sound. This movement will vary the

capacity of the condenser and hence will alter the charge on the grid of the vacuum tube which is connected in series with the microphone. The resulting alternating current is proportional and in phase with the sound waves. If the microphone is of the carbon type, the movement of the diaphragm will vary the resistance of the microphone and will cause a modulated direct current, which may be considered as made up of direct and alternating components.

After the current is amplified approximately 100,000 times, it is impressed on an *aeo* light (this is in Movietone production). The *aeo* light is a gas tube excited by direct current and so designed that its intensity varies directly with the applied voltage. This light is allowed to pass through a narrow slit onto the moving film negative in the camera and the variations of light, and hence the sound, are recorded upon it. The film moves

through the camera at 90 feet per minute or 18 inches per second.

If the sound to be recorded has a frequency of 60 cycles per second, the light will flash 60 times, therefore there will be 60 light and 60 dark striations .15 inch wide. If the frequency is increased to 6,000 cycles these striations would decrease to .0015 inch in width. This is known as the variable density method of recording sound. In this method the width of the bands determines the frequency and the difference in shade between the light and dark portions and is a measure of the intensity of the sound. For example, a trombone would produce a series of wide dark lines as would a bass singer in a varying degree. A tenor horn or a soprano singer would make a record consisting of narrow lines which, because of their extreme narrowness would not appear to be as photographically dense as the bass tones. The greater the contrast in density between the light and dark lines, the louder the sound.

Another method of recording the sound on the film is by the use of a delicate mirror which is hung on fine wires so it may oscillate freely. The amplified current which is produced in the same manner as in the "variable density" method is made to produce a quick changing magnetic field which in turn will act on the mirror and cause it to oscillate. A beam of light is projected on the mirror and from there it is reflected to the sound track of the negative film. Thus the record or the sound track is opaque on one side and transparent on the other. The division between the two sometimes resembles a saw with teeth of different lengths. The division line is always irregular and its shape depends on the pitch and volume of the sound recorded.

The problem of reproduction of the sound band type is to transform the sound impressions into an electric current which will vary exactly with the frequency and intensity of the sound waves which produced it. The sound reproducing apparatus, or "pick up" consists of a straight coil filament light source, the "slit assembly" which is a condenser lens, the "slit," a projection lens, the sound band on the film, and the photo-electric cell. The slit is the most important detail. Its purpose is to project a straight, exceedingly thin, perfectly horizontal line of light which will illuminate each line of the sound band without illuminating any portion of any other line or any space between lines as they pass it at the rate of 18 inches per second. This aperture is .0015 inch. The slit assembly is placed in position on the projector and sealed there.

The sound band will absorb light in exact proportion to its density at any point, hence it follows that in the beam of light, beyond the film, the light densities exactly represent the sound densities photographically impressed upon the film sound band. These beams of light project to a photo-electric cell which transforms them into an electric current.

This cell consists of a tightly sealed tube the interior of which (except for an opening to admit light rays) is coated with a silver deposit. Over this silver deposit is a coating of a special form of potassium which has the property of emitting electrons freely when light strikes it. The negative terminal of this tube is connected to this coating of silver, upon



¶The "sound waves" on the film above are seen in the narrow strip on the left side of the film.

which is the light sensitive material; and this in turn is connected to the filament of the first amplifier tube. In the center of the tube hangs a ring shaped conductor, to which is connected the positive terminal of the tube and in turn is connected to the grid of the first amplifier tube. Between the positive and negative sides of the cell is a difference of potential of 100 volts. However, the cell is filled with a rare gas, which, when no light enters the cell, is a very poor conductor of electricity. In fact, this gas acts as an insulator which will prevent any flow of current between the two electrodes of the tube. Therefore, when the projector is in operation and the beams of light coming through the sound band enter the cell, the light-sensitive material emits electrons which ionize the gas and cause it to become a conductor of electricity in exact proportion to the amount of ionization. In this lies the key to the transformation of light waves to electrical energy. The strength of the ionization is entirely dependent upon the light sensitive material at any infinitesimal fraction of a second, and since the resistance to the current flow is in exact proportion to the amount of ionization, it follows that the electric current set up will have precisely the same variations in value that the beam incident upon the light-sensitive material had. Thus light values are transformed into electrical values which contain all the infinite number of variations which go to make up music and voice. The current produced is extremely faint and must be amplified millions of times before it reaches the horns.

In the disc method of recording sound, the microphone current, after being magnified several thousand times, is utilized in controlling and operating an electromagnetic recording stylus. This small stylus chisels its movements on a revolving wax disc. The movement of the stylus is radially with respect to the disc, thus making a groove of a sinuous path. The width of these sinuosities corresponds to the loudness of the sound and their frequency, the pitch. This method has its disadvantage, namely, that the energy generated by the sound must be used to carve the record on the disc. This power generated is a faint power and any of it lost in the process will be deducted from the record. Because of this, this type cannot record overtones which are necessary in harmonics.

The disc system of reproduction has its principle of operation based on the fact that if a coil of wire is wound about an iron bar and the magnetic strength of the iron is changed an electric current will be induced in the coil in proportion to the change in the magnetic field. One method of obtaining this changing magnetic field is to place the bar across the poles of a U shaped magnet. This armature comes very close to the tips of the magnet, but does not touch them. The armature is pivoted on a knife edge fulcrum and is directly linked with the needle which follows the sinuous path recorded on the disc. Thus as the needle moves back and forth in its grooves it will vary the distance between the pole tip and the armature hence vary the strength of the flux through the armature.

This changing field will then induce a current in exact proportion to the movement of the needle and hence to the vari-

(Continued on page 538)

"Business Efficiency"



☞ Latest Approved Methods are
Used by Comptroller in
Handling the Financial Reins
of the University



By Thomas Steward

Director, University News Service

AMONG the resources of the University of Minnesota are securities—bonds—in which such funds as the General University, the Ludden Trust, or the Murphy Journalism Fund have been invested. An interest date approaches. There are coupons to be clipped and deposited in the banks where they will be converted into cash. These are public funds, donated, or created by law, and set aside for the support of higher education. The manner in which they are handled is of the keenest interest to every resident of the state.

Somewhere in the state capitol two men approach a great safety vault. One who watched would see that there were two locks on the vault door, each controlled by a different combination. He would see the two men start working the knobs, each by himself. Presently would come the click of tumblers, the sound of a lock released. The door would be opened.

On inquiry he would learn that one of these men was from the state treasurer's office and the other from the University of Minnesota. So carefully are these funds guarded that a co-operative arrangement has been made between these two departments under which a representative of the University must be accompanied by a representative of the treasurer, and vice versa, when either enters that vault. Each has his own combination, which is unknown to the other. Alone, neither can do anything.

They proceed to clip the coupons. Each makes a record of the bonds from which they are clipped, and of the numbers and amounts of the coupons. Again, the double check.

The demand of the Minnesota public for higher education has come to cost a good deal of money. The comptroller's report shows that for the year ending June 30, 1927, the University made capital expenditures of \$1,256,778.84, including reinvestment of matured trust funds, cost of buildings, land, and permanent equipment. The sum of \$1,361,502.29 went under the head of expense, \$1,407,811.03, under supplies, and \$4,409,606.32, under salaries and wages. Of the grand total the state of Minnesota contributed a little more than was required to meet salaries and wages. The University has been forced to find other sources of income, including student fees, to make up the difference; to make up, in fact, nearly one-half.

This presents quite a different picture from that of President Northrop's day, when university business was small, and was departmentalized. Back in the nineteen hundreds annual costs ran between



☞ Comptroller Middlebrook is seen at his desk above, below a glimpse of a section of the University's business office.

one and two million dollars. The institution was departmentalized. Each department spent its own budget; transacted its own business within the limits of that budget.

Only a centralized—and thoroughly modernized—business organization could supervise the business of today's University of Minnesota in a manner satisfactory to the Minnesota public.

Each department has its budget, a budget which almost invariably has had to be pared down from departmental requests, by president and comptroller. Each department still decides what it must buy, within the limits of that budget. But it has been found that very important sums of money can be saved by central organization in university purchasing. For one thing the University

now maintains a central supply depot called the storehouse. When a departmental requisition comes to the purchasing department, the first step is to learn whether the articles required are on hand in the storehouse. When they are, the problem is easily solved. The goods have been bought in bulk and a saving effected.

Then assume that an order comes in for something not in the storehouse, for a microscope of a special type. The first move is to refer that order to the inventory department. The question is, has not such an article been bought at some time for a department which needed it then, but is no longer using it? The inventory files show whether such a microscope has been bought. A telephone conversation reveals whether it is still in use, if there is one on the campus. Not infrequently the desired article can be found in this way and transferred from one department to another. A university rule has been established that all such property belongs to the institution, not to the department. As long as the department uses it, well and good. If the article is not in use, it can be transferred, saving additional expenditure.

If no transfer is possible, the requisition, signed by the department head and countersigned by the dean of that particular college goes to the purchasing department again. Inquiry in the accounting department reveals whether the amount it proposes to spend remains to the credit of the department's budget. If the money is here, inquiries are sent out to firms dealing in microscopes, and the firm which can supply just what the department wants, at the lowest figure, is given the order. Upon delivery it goes to the storehouse, is checked there, and then delivered to the department.

While the transaction is under way an amount equal to the original estimate of cost is set aside from the department's budget, pending receipt of the invoice. When the bill comes in, the department is credited with the difference if the microscope has cost less than the estimate, charged with the difference if it has cost more. Segregation of the estimated amount prevents the department from running over its budget "before it realized it."

Except for the funds of the Senate Committee on Intercollegiate Athletics, which is to say athletic receipts, university funds are handled through the state treasurer. All checks are prepared at the University, signed by the requisite university officials, and then sent to the state capitol, where they are counter-

signed by both the state treasurer and the state auditor.

Take the example of monthly payments on contracts for a large university building. This transaction starts with a monthly report of progress, made out by the superintendent of construction. This is sent to the state architect for his approval. From him it goes to the Commission of Administration and Finance, at present, and is again approved. The University then makes out the check, signs it by proper officials, and sends it to St. Paul, where the state treasurer and state auditor sign. It then becomes a valid demand against university funds in the state treasurer's possession.

Comptroller W. T. Middlebrook points out that financial transactions are protected through a system that makes it impossible for any one person to disburse or receive money without the help of others. In a purchase there are involved the department that wants the article, four persons in the university business office, and the state treasurer and state auditor. Furthermore, every transaction is scrutinized, sooner or later, by the state examiner. In purchasing, competition is the rule and, other things being equal, the low bidder wins, although the material must be satisfactory to the purchasing agent and the department involved. And a final protection is that all property is inventoried, marked with an inventory number, and recorded as being in use by a given department in a given room.

Only in two instances, barring unusual exceptions, are funds handled in any manner but through the state treasurer. Athletic receipts are deposited in banks and handled independently by the University. Again, in the case of a bond issue, such as that for the Field House, the securities are sold by a financial institution, but the proceeds are promptly removed to the trustee's custody, so that they may be available for contract payments in the manner already outlined.

More striking, perhaps, than any other item in the system of business management that has been evolved by Mr. Middlebrook and his predecessors, is the astonishing machine that has been installed in the accounting department. This machine might be called the "telex" of accounting equipment. By pressing the right buttons one can ask it questions, and its electrically controlled operations will do the rest. It will tell how much remains in any budget, how much was spent last month on the miscellaneous payroll, what the expenditures of funds from any given trust fund has been to date during the fiscal year. And if these would not satisfy an earnest inquirer, he might be requested to ask this little machine any other question within the field of its operations. The right answer would be forthcoming. The Hollerith tabulating machine is the same instrument that is used by the United States Government in tabulating census returns, crop reports, and the like. By its operations, the administration of the University is not only able to keep in constant, close touch with every phase of the institution's financial condition, but it is enabled to save the salaries of quite a few

clerks, who otherwise would be required to dig up these facts and figures as they were needed.

Main departments operating under the comptroller, or principal business officer of the University of Minnesota, are the service enterprises, the department of buildings and grounds, the purchasing department, the service department, the accounting department, and the bursar or cashier. Service enterprises are such things as cafeterias, dormitories, the storehouse, the printshop, glass-blower, wood-working shop, and the like. The service department, on the other hand, looks after the university post-office, university trucking, inventories, supervision of ticket taking and seating at public events, and matters of that sort.

An incident that occurred about two years ago shows how difficult it is to dispose of any property, once it has been bought. The Physics Department had a half dozen or so balances, which had been used in laboratories. They had been replaced by better articles for university use. Someone proposed that the old balances be given to a mission college in China. But university property cannot be

given away unless it has become worthless junk. Before the balances could be sent to China, therefore, action of the Board of Regents was required. The balances were described in a manner that would have condemned them as utterly worthless even in the eyes of a junk dealer, to say nothing of a college in China. The regents declared that the balances were old, antiquated, worthless, valueless, decrepit, and everything else, and that they should be given away. The board knew these articles still had some value, but they were not valuable here and were of worth somewhere else. And, naturally, the condemnatory phrases were not sent to China with the balances.

This gift was made in accordance with a general university rule that property is not junked unless the expenses of storage or of attempted sale will be greater than the sum that could be realized from them. Another rule is that no member of the faculty or staff may sell anything to the University, or buy anything from it, except on recommendation of the dean, approved in open meeting by the Board of Regents.

★ Is Chain Education Coming to the American College?

A DECADE ago it was the proud boast of many an American university that its enrollment was 5,000, 7,500 or 10,000—the largest in its state, or region, or possibly in America.

Today mass enrollment, huge classes, impersonal, machine-like instruction, has come to be regarded by many college authorities as the greatest evil besetting education. It is "a tragi-comedy," in the opinion of Prof. Carl Holliday, of the University of Toledo, who, in the current issue of the *North American Review*, surveys the reports of colleges and educators throughout the country to solve the problem created by the hordes of new students who have rushed into the colleges since the war.

The answer, universally agreed upon, is to keep—or even make—the colleges small. Prof. Holliday points out. Many of the better known schools already have placed a strict limit upon the number of students they will receive, pending reorganization plans which will enable them to give more attention to the problems of the student as an individual.

Harvard with its 8,000 students, is entering upon the most ambitious project so far attempted. The great university will be divided into a number of small colleges, each enrolling approximately 200 students, and each a unit in itself so far as the liberal phase of education is concerned, with a dean, instructors, library and physical equipment. The purpose is to bring students and teachers into more intimate and informal contact, enabling the latter to give attention to the personal problem of the individual youth.

In California a similar project is under way, known as Claremont Colleges. "Recently there was added to Pomona College of this system a sister school,

Scripps College, and it is proposed that when this new institution reaches an enrollment approximating 300 a third one shall be established," explains the writer. "Thus a chain of small colleges, each with its own faculty, will give to students that individualized instruction resulting in genuine higher education."

At the University of Washington, Princeton and Harvard the tutorial system has been adopted. In addition to attending their regular classes, the students are assigned in small intimate groups to an instructor with whom they can meet informally for discussion of particular problems and whose aim it is to make such meetings take the form of interesting social discussions rather than the cut and dried work of the old fashioned class room. At Rollins College, Florida; Swarthmore, Cornell, and several other institutions plans with the same general aim are being worked out.

T. B. Course at Folwell Hall

The first regional institute for tuberculosis and public health workers ever to be held in Minneapolis will be offered at the University June 17-29, under the auspices of the National Tuberculosis association, the Minnesota Public Health association, and the Hennepin County Tuberculosis association.

Phillip P. Jacobs, Ph. D., publicity director for the national association, will conduct the course, which will be held at Folwell hall, with lectures at 9:30 a. m. and 2:30 p. m. each day.

Physicians, social workers, nurses and any one interested in tuberculosis work or public health, is invited to register for the course, the fee for which is \$10, according to Kathyne Radbaugh, executive secretary of the Hennepin County Tuberculosis association.

Alumnus is Pastor of Beautiful, New Lake of the Isles Community Church



AS one drives around Lake of the Isles boulevard, one notices the beautiful tower that commands a superb view of Minneapolis' "gold coast," and tells the driver that this is the new Lake of the Isles Community church which has just been completed and which was dedicated with impressive ceremonies recently. Alumni are particularly interested in this magnificent little church because our own John Walker Powell ('96), a lecturer in our Extension Division, is the church's pastor, and because many alumni are members of the congregation, which is nonsectarian.

A news story of the dedication is of interest and follows:

Characterizing the opening of Lake of the Isles Community church as an event of city-wide importance, seven leading clergymen of the city yesterday welcomed the new church at a fellowship service which brought to a close the formal dedicatory exercises.

The church was dedicated at services at 11 a. m. with special music, a sermon by Dr. John Walker Powell, pastor, on "The Church in the Changing World," presentation of the building by George Leighton for the building committee, acceptance for the trustees by M. H. Amsden and a dedication prayer.

At 3 p. m. ministers of other faiths gathered for the fellowship service. Several hundred persons were gathered in the church, which seats 400. Speakers were Rev. H. P. Dewey, pastor of Plymouth Congregational church; Rev. L. H. Bugbee, pastor of Hennepin Avenue Methodist church; Rev. David Bryn-Jones, pastor of Trinity Baptist church; Rev. Marion D. Shutter, pastor of the Church of the Redeemer; Rev. A. E. Knickerbocker, rector of St. Paul's Episcopal church; Rev. John Connell, pastor of Grace Presbyterian church, and Rabbi Albert C. Minda of Temple Israel. Letters and telegrams of congratulation from representatives of other churches were received.

All speakers in their greetings stressed the importance of the church's function as a community church, declaring it fills an important civic need in the Lake of the Isles and Kenwood district. Dr. Powell responded to the greetings.

The church was decorated with palms, ferns, yellow jonquills and purple iris, massed against the ivory tinted walls. The junior choir marched in procession, and special music was given by that choir directed by Miss Ellen Nystrom, by Mrs. Lillian Nippert

Zelle, (Ex. '15), violinist; Marion Austin Dunn, organist, and a quartet made up of Agnes Griswold Teasdale, Mrs. J. N. Collins, J. Otto Jellison and Park Learned.

The \$8,000 organ in the church, given by Mr. and Mrs. Charles E. Lewis, was dedicated with a recital last Friday by H. Chandler Goldthwaite, formerly of Minneapolis, recognized as one of the great organists of the world. Open house followed the organ recital. The organ has 20 stops, representing 800 pipes, 15 couplers and 16 pistons con-



Above—Lake of the Isles Church at night. Center—Interior of the beautiful auditorium. Below—The illuminated church at night as seen from across the lake.

trolling any combination of stops desired. The pipes are concealed in chambers on each side of the chancel.

In the receiving line at the reception were Dr. Powell, Mr. and Mrs. Charles H. Wingate, Mr. and Mrs. George H. Root, Mr. and Mrs. A. A. Pace, Mr. and Mrs. Albert Scriver, Mr. and Mrs. Lewis, Mr. and Mrs. Leighton and Mrs. Albert Haines. Mrs. P. J. Meighen was chairman of the reception committee and Mrs. J. R. Towne was chairman of hostesses.

The Lake of the Isles church is a historical descendant of the old Lowry Hill Congregational church organized in 1890. At first the congregation worshipped in a small frame building at Hennepin and Lyndale avenues before moving to Franklin and Dupont avenues. In 1922 a fire destroyed the church and it was decided to move to the Kenwood district.

A community meeting was staged in 1923 in the Kenwood school attended by representatives of all religious faiths. From then on the movement grew and developed. The site was purchased, building plans were adopted and the foundation erected. The basement was fitted up for worship and opened for services in 1925. The church is designed to serve persons of all religious affiliations in the community.

Members of the board of trustees are, besides Mr. Amsden, chairman, A. M. Bayer ('98 L), George Buzza, Max R. Lauritzen, Mr. Leighton, Mr. Page, W. R. Pierson (Ex. '18), George H. Root, Albert Scriver, Peter Stroud, W. H. Taylor, E. L. Trask and Mr. Lewis.

The land, building, organ and furnishings are valued at \$151,500. Mr. Leighton was assisted on the building committee by Mr. Amsden and Mr. Scriver.

Early Parties Fail to Attract

A PARTY without a man. This is the predicament in which University of Minnesota coeds found themselves when they attempted to inaugurate an earlier hour for one of their parties last week.

Alpha Omicron Pi sorority was following out the proposal of the University Sorority House Council to have campus functions start and stop at earlier hours.

The particular sorority specified on its invitations that the party would start at 8:30 p. m. It was nearly an hour later before a man guest had arrived.

The question of earlier party hours arose recently and the Sorority House Council, after heated discussion, decided to petition all men's Greek letter organizations to help solve the situation. The All-University Council recommended that any action be referred to the Interfraternity council, governing body of

Many Alumni Are Connected with
this Magnificent New Church
on Minneapolis' "Gold Coast" —
It Represents a New Day in
Religious Tolerance



fraternities, and the Panhellenic Council, governing body of the sororities. Neither of these organizations meet until May 6.

Although the women on the campus seem to be in favor of earlier party hours, the men are decidedly opposed. Of 15 fraternities interviewed, 12 were against any such ruling, one was in favor and two were undecided.

"We feel that any ruling of this nature is more akin to high school regulation," an officer of one fraternity said.

Parties on the campus have been starting from 9 p. m. until any time people arrive. They have been ending around 1 a. m., chiefly because sorority girls must be in their sorority houses at that time.

Journalism Department Plans Major Expansion

With the installation of automatic news receiving machines next fall in the journalism laboratory, students will be able to edit press association material while it is still "warm and tickling," E. Marion Johnson, head of the department, announced this week as a part of the expansion program for 1929-30.

Concurrent with the increase in the number of students enrolled in journalism, from 377 in 1927 to 1,091 in 1929, is the addition of more extensive courses of study and the acquisition of more space in which to work. Next year, the journalism department will take over the space now occupied by the Health Service in Pillsbury hall.

Conforming to his interests in producing journalism graduates who are familiar with every phase of newspaper work and who have selected the field for which they are best fitted, Professor Johnson has planned specialized units of study within the department to appeal to the various preferences.

A complete type laboratory equipped for courses in newspaper, magazine, and advertising typography is being designed to attract students interested in the mechanics of newspaper production.

In order to meet the current criticism that journalism graduates are ignorant of the use of libraries and "digging" out stories, there will be a library containing a large number of reference books and completed theses.

30 Year-Old Law Dean Become Chicago "U" Head

When Dr. Robert Maynard Hutchins, 30-year-old dean of the Yale law school, assumes the presidency of the University of Chicago July 1, he will become the youngest president of a major university.

The trustees who selected Dr. Hutchins by an unanimous choice announced the intentions to obtain as president a man with wide administrative experience who at the same time was young. In view of the large expansion program calling for the expenditure of many millions of dollars over a period of years, the university needs not only a scholar but a man with administrative ability whose comparative youth would insure continued direction of the college affairs over a period of years.

Dr. Hutchins' predecessor, Dr. Max Mason, resigned from the university presidency last June to take up work with the Rockefeller Foundation.

The University News Budget

The Week on the Campus



Commencement Exercises Will Be Held in the Morning

Innovations in program, time, and seating arrangements will mark Minnesota's 57th annual June commencement exercises, scheduled for June 17. Commencement this year will be limited to President Coffman's address and the conferring of honors.

Because of the size of the senior class in recent years, commencements have tended to become tedious and longdrawn out. E. B. Pierce, ('04), alumni secretary and chairman of the commencement committee, said, and for this reason the special speaker has been placed on the baccalaureate program.

President Otto Mees of Capital University of Ohio will deliver the main speech at baccalaureate services. He is at present head of the National Lutheran Education conference, and is the holder of several college degrees.

Contrary to the custom of many years, commencement exercises will be given in the morning instead of in the afternoon. They will start at 10 a. m.

Following the plan in use at the University of Wisconsin, the audience will be seated in the horseshoe curve of the Stadium, rather than on the western side, as has always been the plan before. This arrangement will place the audience with its backs to the sun so they can see more of the procession.

Ban on Fraternities Lifted at Arkansas

The last of state laws opposing national Greek letter organizations disappeared when the governor of Arkansas signed a bill repealing an old act which banished fraternities at the University of Arkansas. This state was the only one in the union having a law forbidding college fraternities.

Edwin Markham Visits Girls at Sanford Hall

Two hundred disappointed coeds dried their tears and savagely attacked their fish and spinach at Sanford hall after postponing the dinner hour nearly an hour awaiting the arrival of Edwin Markham who was to be their guest. After the poet's lecture at the university, enthusiastic Sanfordites extended to Mr. Markham an invitation to dinner at the hall, and he accepted with as great enthusiasm, but he reckoned without a previous dinner engagement with his Theta Kappa Nu fraternity brothers.

While the salmon dried and the spinach grew cold, Sanford representatives and the fraternity men fought it out—and the fraternity men bore off the prize. But before the cherry pie and coffee appeared, a telephone message came from the poet.

Mr. Markham had postponed his departure for Lansing, Mich., scheduled to take place immediately after dinner, until 10:45 p. m., in order to spend some time at Sanford hall. Smiles burst forth like rays of sunshine, and dinner and poet-kidnaping fraternities were forgotten.

The blazing fire in the West Sanford fireplace was but a symbol of the warmth with which Sanford residents welcomed the genial white haired poet.

For more than two hours he entertained his young hostesses, informally reading his poems, discussing the theory of poetry, and telling personal anecdotes. When he was hoarse from so much talking, and the hour for his departure drew nearer, he wrote autographs for them, keeping up a running fire of humorous and philosophical remarks the while.

Regulations Governing Sabbatical Leaves Published by Dr. Coffman

Regulations governing the sabbatical leaves to be taken by the members of the University faculty were published by Pres. Lotus D. Coffman in the last issue of the Faculty Bulletin.

Sabbatical furloughs are granted to members of the University faculty who have served for six consecutive years, of which at least two must have been with a rank not lower than that of assistant professor. Services in other institutions in which sabbatical leaves are granted is taken into account in granting the furlough. For the period of the furlough, the University pays the absent faculty member one half of his regular salary.

The purpose of this furlough is to encourage special studies, investigations, and research on the part of members of the faculty and thereby increase their scholarship and capacity for service in the University.

The need for an increase in the scholarship of the faculty has become increasingly greater in recent years.

"Tapping" for Mortar Board Slated for May 16

Junior girls who have been elected to Mortar Board, honorary senior woman's organization, will be "tapped" at the Cap and Gown luncheon May 16 at 12:30 p. m. at the Minnesota Union.

Candidates are not notified of their election until the morning of Cap and Gown day. At the luncheon they are put through the traditional ritual of "tapping."



Dr. John Walker Powell ('06), the pastor of the new Lake of the Isles Community Church, is also a lecturer in the University of Minnesota Extension Division.



SECRETARY NEWTON



At the Annual Banquet at which 114 Minnesota Alumni Were Present Were Many Famous Faces Other Than Those Pictured Here



PROHIBITION COMMISSIONER DORAN

List of Alumni at Washington Gathering Reads Like Notable "Who's Who"

THE roster of those attending the annual banquet and reunion of University of Minnesota alumni residing in and around Washington, D. C., reads like a list of famous Who's Who in the nation's capitol.

There were senators, representatives, a president's secretary, an enforcement director, prominent journalists, tariff commissioners, and other notables.

There were present 114 as enthusiastic alumni as you've ever seen, reports the secretary of our Washington unit, Ernst Wiecking ('23Ag), 1731 Eye street, N. W., (connected with the United States Department of Agriculture), which is the largest attendance ever recorded by this unit.

The meeting was held at the Washington Women's University club at 6:30 o'clock on April 12. There was an excellent dinner after which followed a good program, with Walter Newton ('05L), secretary to President Herbert Hoover and president of the Washington unit, presiding.

After a few preliminary remarks by Mr. Newton the audience, under the able song leadership of Alden A. Potter ('09Ag), broke into song and enthusiastically sang, "Minnesota Hats Off to Thee," with Mrs. W. J. Kuhrt at the piano. Then someone jumped up and led the group through the soul-stirring "locomotive."

Toastmaster Newton introduced Marion Weller, Asso. Prof. of Textiles, on leave from the Home Economics faculty this year, who told the alumni about the situation at the University and about the personnel changes about the campus. Then Alice Child, Ass't Prof. of Home Economics, also on leave this year, took the audience on a mental tour of both campuses describing the new buildings that have been and are being constructed. Professor Cyril M. Jansky Jr., represented the engineers and told about the new traditions of the engineers and related why



CONGRESSMAN SELVIG

St. Pat's day is now celebrated in May instead of on March 17. Pierce Butler, associate justice of the United States Supreme Court, and former member of our board of regents, talked interestingly about the University, citing many examples of the excellent educational work that rates Minnesota at the top. He also told about the development of the University, relating some of its history.

After these short talks, Chairman Newton called upon some of the notables present to stand and introduce themselves for the benefit of those present. Those who stood were, Representative C. G. Selvig ('07Ed; '08G); former Representative Sydney Anderson ('Ex '06L), Prohibition Commissioner Doran ('07C), Interstate Commerce Commissioner Johnston B. Campbell ('90), former Dean of the College of Agriculture, Forestry and Home Economics, A. F. Woods; Theodore Knappen ('91), prominent journalist; Tariff Commissioner Brossard ('17; '20G); and Charles J.

Brand ('02), former Chief of the Bureau of Markets, U. S. Department of Agriculture, and now Executive Secretary of the National Fertilizer Ass'n.

Then Russell McBride ('08C), vice president of the Washington unit, took count of the various colleges and schools represented. The Graduate School and the Agricultural college (including Forestry and Home Economics) came first with the largest number present, but these two were closely pushed by the Academic college, by the engineers and by the chemists.

Janet Nunn ('83) was the alumnus present from the earliest class. For this honor she was given a year's subscription to the MINNESOTA ALUMNI WEEKLY. Bernadine Rasmussen ('27) was the representative present from the latest class. She accepted the "booby" prize for this honor, consisting of a handsome baby rattle, neatly tied with maroon and gold bow ribbon.

With the speeches and the fun over a short business session was held and officers for the next year were elected. Mr. Newton was re-elected president; Roy Y. Fernor ('97), was elected vice president; Mr. Wiecking was re-elected secretary, and E. G. Boerner ('05Ag), was re-elected treasurer. The following committee was appointed to represent Minnesota alumni in the annual Big Ten Roundup to be held during the football season next fall; Mae Murphy and John T. Scanlon, and the following committee was appointed to help the secretary arrange social functions; Mrs. Russell McBride, Elwood Way, and Mr. and Mrs. Thomas Stitts.

Then the group sang "Hail Minnesota," the guests went downstairs into the lounge to talk about old times, and later, after the tables had been cleared, there was dancing until the far wee hours of the night. A feature of the dance was a special prize dance given by Mr. and Mrs. Alden A. Potter.

Otterness Vaults 13' 4⁵/₈" to Break Drake Record



¶Sprinting action on the cinder track in the New Stadium is the daily scene that draws out scores of spectators.

Alumni Urged to See Baseball Game May 8—Football May 10

WHILE his five closest opponents squabbled over a 12 foot 6 inch tie for second place in the pole-vault event of the Drake Relays held at Des Moines, Iowa, on April 27, George Otterness, Minnesota's powerful aerial performer, sailed to a 13 foot 4⁵/₈ inch mark to tack up a new vault record for the Relays in what many considered as a surprise victory.

Tommy Warne of Northwestern and Henry Canby of Iowa were derailed with two Illinois men and a second Iowa vaulter while Otterness repeated his successful attempts at clearing the bar and finally landed at the dominating position over the five side-tracked athletes.

Warne and Canby, considered as two of the foremost vaulters in the conference, were handed a jolt that sent their prestige tumbling into the pit when Otterness left the ranks of the foremost to attain a position among the greatest of the conference by means of his 13-4⁵/₈ bamboo soaring feat.

At the Minnesota Relays on April 6 this trio tied for first at an even 13 feet, and at the Kansas Relays, which took place a week before the Drake events, Otterness and Warne vaulted to a 13 foot 4³/₄ inch tie for first place and a new record. It remained for Coach Sherman Finger's man to leave the duo parked at a second place post only after making great headway in practices in the Gopher Field House previous to the Relays.

Minnesota's medley relay team won second in the Distance University Medley, losing to the crack Illinois team which finished in 10:24, a new Drake record. The distances were 440, 880, three-quarters and the mile.

First Baseball Game May 8

The Gopher baseball squad will open its home schedule against the Iowa ball club on Northrop field May 8 after having dropped two conference games to Ohio State during the Gophers' southern training trip.

Coach "Dutch" Bergman expressed

By Fred Fadell

satisfaction with his team's hitting in the southern games, but saw much work to be done among the infielders and outfielders. Errors galore marked practically every game scheduled on the trip, with the probable exception of the first game played against Kentucky which was won by Minnesota 19-5.

See Champ Grid Game May 10

Play in the inter-squad football series at the Gopher camp has progressed past the half-way mark with a few remaining games scheduled before the final and championship game on May 10 to be played in the Stadium.

Hundreds of students witness the preliminary struggles played on old Northrop field every Friday and Saturday afternoon.

Sound Pictures

(Continued from page 530)

ations of the sounds recorded on the disc. The current flow is extremely small and, as in the other method, it is then necessary to amplify it millions of times before it reaches the horns.

Both of these systems of sound projections use the same type of amplifying units and horns. In fact, most theatres utilize both systems. It is but a simple matter to switch from the disc system to the sound band system or vice versa. The horns which are placed behind the screen are four in number and are set at different angles so as to send the sound to all points in the theatre. The screen is made of cloth which is of such a texture that it has good reflecting qualities and yet will allow the sound to pass through it freely. The diaphragms of the loud speakers used are not of the common flat type, but are cupped at the end and have a flange at the other. The cupped part of the diaphragm is used for an air cushion effect by having a ball fit into the cupper part

and kept a slight distance from it. When the diaphragm vibrates, the air between the cupped part and the ball acts as a cushion and prevents it from rattling. However, this ingenious piece of mechanism has its limitations. It cannot stand overloading. In sounds of great volume it is liable to destroy itself; in low frequency sounds it will rattle for the reasons that the vibrations being few for the given time, fewer than the vibrations in the case of higher frequency sounds, the air effect between the cupped diaphragm and the ball is not as pronounced.

The R.C.A. has a system, known as the *photophone* which does not use the horn type of speaker but which uses the cone type which has a greater range of frequency and has a superior tone quality. In this system the sound waves produced are sent out into space directly from the cone as they are generation and free from any modification. In the horn system, the air waves are generated by the vibration of the diaphragm, then they must pass out through the horn which is about 14 feet in length (coiled). In the passage they are modified, and even distorted so that when they reach the listener's ear they are not true.

The present stage of excellence in synchronized pictures is indeed such that provided the projection of the pictures and the projection of the accompanying sound be completely handled by the projectionist, the effect is measurably superior to what the actuality would be. This is because of the fact that those seated in the rear of the huge theatre auditoriums may have both in the matter of seeing a speaker or singer clearly when he is personally present on the stage. The screen image is not only brilliantly illuminated but is also usually magnified to more than life size and so may be seen clearly from any part of the largest auditoriums. Because the sound can be amplified to almost any desired volume, there will be no difficulty in hearing, even from the most distant seats.

This article was furnished us by Jack Ginnaty (29E), editor of the *Techno-Log*.

Alumni 'U'

News of Organized Alumni



All those classes whose numerals end in 4 or 9 will reunite at their alma mater's campus this spring. That means that the classes beginning with '79 and running through '84, '89, '94, '99, '04, '09, '14, '19, and '24 will appoint special chairman and will hold luncheons on June 17, "Alumni Reunion Day." Members of all classes, of course, are invited to be present.

Medical Alumni to Meet in Portland

There are hundreds of medical alumni who remember the very successful annual alumni meeting and banquet of University of Minnesota medical alumni which was held in Minneapolis last June during the convention of the American Medical Association, assembled in convention. This year the A. M. A. convention will be held in Portland, Oregon, and the Minnesota Medical Alumni Association is planning on holding a meeting similar in Portland to that held here last year. Dr. Oswald S. Wyatt, president of the association writes as follows urging attendance at this meeting in Portland:

My dear Alumni Friends:

You no doubt recall the successful alumni meeting which was held in Minneapolis last June by the medics.

I wish to inform you that the A. M. A. this year meets in Portland, Oregon, July 8-12th and that there will be a meeting of the Minnesota Medical Alumni at that time which perhaps will be just as successful as the one held in Minneapolis. Dr. Kiehle of Portland has been chosen president of the local committee and Dr. C. W. Brunkow, 739-740 Medical Arts Building, Portland, Oregon, is acting secretary of the same committee.

The following is from a letter by Dr. Brunkow outlining the plans of entertainment for the Minnesota medical alumni: "Dr. Kiehle suggested that the Alumni spend the afternoon at his mountain home at Rhododendron which is about an hour and a half drive from Portland. Those who wished could go a few miles further to Government Camp and enjoy the base of Mt. Hood. Others could make use of the surrounding mountain trails. And for those who like golf, a course at Rhododendron is available, and Dr. Kiehle will make arrangements for special reservations for the Minnesota men. Then it was our plan to serve an informal dinner, probably on the order of a buffet. This would also allow those who decided to make the complete Mt. Hood drive, which takes about nine hours, to swing around the north side and meet us in time for the evening get-together. This, as you will note, is entirely different from the wonderful banquet and entertainment which was given at Minneapolis; but we feel that probably it would be more enjoyable for the visitors to get away from the city and into the mountains which are so readily available. It was also kept in mind that in so far as a good many of the men will be accompanied by their wives and possibly some of the family, everyone could enjoy the outing."

'04 Plan Big Reunion June 17

The machinery that guides the wheels of alumni activity are being oiled and are beginning to move. Plans are being formulated for the alumni reunion and banquet to be held on the campus on Monday, June 17, commencement day, and during the week of April 23 members of the class of '04, the 25-year class in charge of this year's function, received the following peppy letter which tells about the initial plans to be formed. The letter is so clever that we are re-



Alois Kovarik ('04) is returning to the campus on June 17 to help his class celebrate its 25th anniversary.

producing it in its entirety for other classes to follow:

Dear Classmate:

Plans are well under way for our twenty-fifth reunion on June seventeenth. Of course, you have marked your calendar and are making arrangements to attend.

The program of the week is very simple. Baccalaureate service Sunday, the sixteenth, at eleven o'clock in the Armory; graduation exercises Monday, the seventeenth, at ten o'clock, in the stadium. There will be no imported speaker Monday, but the address Sunday promises to be well worth while.

Monday noon at one o'clock our class will have luncheon in Room 204, Minnesota Union, and here is where we score a touchdown. Married folk, come with ball and chain, storm and strife, three strikes, meal ticket, or what have you. Unmarried folk, bring your excuses, exonerations, alibis, extenuations, apologies, arguments, exculpations, condonations, or perchance hopes and prospects. Whatever the condition of freedom or servitude, come!

When the roll is called, we want to know "Who is a bachelor or benedict now, Who is a spinster, who a frau, Who has ten kids, who has one, Who has bobbed hair, who has none."

These and other mysteries that the separation of years has concealed should at this last quiz be revealed. A special committee is at work on the luncheon, and it's bound to be a ten strike.

At 6:30, the big alumni dinner (\$1.50) in the Ball Room! '04's occupy the center table. We are the big noise once more just as we were in 1904. There isn't room on this page to go into detail. Who cares whether the "Globe Building is just as pretty as the Guar-an-tee Loan?" We're sure going to have a good time that night and we want you to be there!

Fill out the card and send it in so that we may know how many to plan for.

Loyally yours,

'04 Reunion Committee,

P. S. If you haven't sent in your contribution to the Fund, do that, too. If the purpose of the Fund doesn't suit you, it can be changed by vote of the class at the luncheon plus the vote of the absentees. So send in your subscription.

The committee above referred to is composed of the following members of the '04 class:

Alois F. Kovarik, Chairman, Cyrus P. Barnum, Anne D. Blitz, William A. Brand, Leora Easton Cassidy, Ruth Cole Chase, Richard D. Collins, Stewart Collins, Clarence E. Drake, Neil Dungan, Alice Bean Fraser, Ervin R. Frissell, Haldor B. Gislason, Robert O. Green, William A. Grey, William H. Hale, Elsie Foulke Haney, Fred J. Harms, Harriet M. Hawes, Jennie Hiseock, Benjamin G. Hoerger, John E. Hynes, Michael A. Kiefer, Merton Kingston, Lulu Verharen Lavell, Hugh E. Leach, Owen McElmeek, Arthur J. McGuire, Wm. Allison McManiga, John F. Nichols, Marshall A. Nye, Wm. H. Oppenheimer, Hans M. Orfield, Robert W. Otto, Ernest B. Pierce, Truman E. Rickard, Ruth Roshoff, Patrick J. Ryan, Blanche Hull Savage, Elizabeth B. Scripture, John W. Smith, Raymond E. Stanton, Moses L. Strathern, Jennie L. Teeter, Joseph Thomson, Charles J. Wallace, Alice Rockwell Warren, Albert B. Welles, Laura Gould Wilkins.

Minnesotans

In the Days News



ALUMNI of '04 will be interested in the following article about our own Alois F. Kovarik ('04, '07G, '09), which appeared in the current issue of "The Student Life," a Czech-Slovakian magazine. Dr. Kovarik appears under the caption, "Prominent Americans of Czech and Slovak Ancestry." Dr. Kovarik will return for the Alumni Reunion on June 17, and inasmuch as he is the chairman of the '04's, the 25 year class, he will also be the toastmaster at the dinner. The article follows:

DR. ALOIS F. KOVARIK, SCIENTIST AND PROFESSOR OF PHYSICS AT YALE UNIVERSITY

But few men who have attained prominence in the various walks of life are born great. Most of the world's leaders owe their rise to the inspiration and stimulus given them by some of their teachers, to the encouragement and example of their associates and above all to their own initiative and energy. It certainly will give our readers great pleasure to know that a man of our own ancestry occupies the chair of physics with full professorial rank in one of the oldest and leading American universities. And no less interesting is the story of his life so replete with the felicitous concurrence of the three above enumerated essentials.

Professor Alois F. Kovarik was born on March 8, 1880, in the picturesque town of Spillville, Iowa, where the Very Rev. Procopius Neuzil, O.S.B., spent his boyhood days and where Dr. Anton Dvorak composed most of his chamber music and completed his New World Symphony. An attractive monument in River Side Park of the village commemorates the world renowned musician's stay in Spillville.

Kovarik's ancestors were of pioneer stock who had settled in northeastern Iowa shortly after the Winnebago Indians had been removed to their reservation in Wisconsin. He received his early education in the public and private schools of the village, and already at that time gave evidence of his intellectual powers in being the recipient of a number of "prizes" and "rewards of merit." However, owing to the rather moderate financial standing of his parents, young Kovarik hardly dared to consider a higher education with him the ken of possibility. And it was with no small sorrow that he, for a number of autumns, watched his schoolmates depart for higher institutions. This early adverse circumstance was to some degree remedied by the private instruction which he received from his teacher, the present principal of the Spillville school. From him Alois learned secondary mathematics, botany and Latin. And when home conditions made it possible for young Kovarik to enter Decorah Institute, a college preparatory school, he was admitted with advance standing, graduating from that institution in 1896. Prof. Kovarik can never forget the four years that he spent at the Decorah Institute and has often been heard to remark that the principal of the Institute, Prof. John Breckenridge, was a grand old man and an excellent teacher. In all his experience in the various schools he has attended both here and abroad, says Prof. Kovarik, he has never met a teacher who was so well loved by all his students as was John Breckenridge. This teacher took a particular liking to Kovarik and offered to help him along so that in a short time our young student became an assistant and later an instructor at the Institute. During his stay at Decorah, Kovarik wrote his first scientific paper entitled "The Decorah Ice Cave and Its Explanation," which was published in the Scientific American of November, 1898, and later republished in the Iowa Geological Survey.

His teaching position enabled Kovarik to save a little money and thus enroll at the University of Minnesota as a freshman at the age of twenty. It was there that he profited most from the experience and independence that he had gained while at the Institute. He was able to take care of himself to a great extent and knew how to plan his studies with a view to obtain proficiency in a chosen field. Nevertheless, he did not

abstain from a moderate participation in student activities. During his sophomore year, Alois won a prize in debating. The following year he became a member of the committee on publication of the Junior Annual, "The Gopher." The love and esteem in which he was held while at the University of Minnesota is also apparent from the fact that the students elected him president of the Senior Class, and the faculty rewarded his scholastic attainment and research abilities by electing him a member of the Phi Beta Kappa and Sigma Xi honorary societies. At the beginning of his junior year, he was offered a choice of one of three scholarships, namely, in the fields of physics, mathematics, and botany. Although mathematics had been his first choice upon entering the university, he liked all three subjects and as a rule was always able to judge for himself. But now for the first time he felt the need of maturer advice. Having made up his mind to decline the offer in botany, he nevertheless dared to ask the advice of the professor in botany to help him choose his life work. The given advice was clear: "Choose a laboratory science in preference to one chiefly philosophical, for you can put your questions to God and nature directly and get an answer." Accordingly, he became an assistant in physics and pursued that subject as his major study. Radioactivity, at that time as yet was in scientific infancy, was practically assigned to Kovarik as his special field of investigation. Upon graduating, he became an instructor of physics at the University of Minnesota and continued with his graduate studies in physics, mathematics and astronomy, receiving the degree of Master of Arts in 1907 and Doctor of Philosophy in 1909.

Since his interest in radioactivity seemed to increase, Dr. Kovarik decided to continue his studies in that field abroad under the leadership of one of the world's foremost physicists, Sir Ernest Rutherford, of Manchester, England. Arriving in Manchester in 1909, he spent the two following years, which proved to be the happiest of his life, with Professor Rutherford, a great scientist and a very genial and lovable man, and with thirty other research workers. Who would not take pride in the fact that he had the opportunity to have as fellow-workers such men as Boltwood, Geiger, Fajans, Hevesy, W. Wilson, Marsden, Chadwick and especially Moseley, one of the most promising geniuses of our day? It is no small wonder that under the inspiring leadership of Sir Ernest Rutherford and in the company of other great men, Dr. Kovarik worked with pleasure, earnestly and diligently, and the "Smoky City," as Manchester is called, had but few distractions to keep him from his work. Dr. Kovarik's research ability was soon recognized, for the following year he was made the John Harding Research Fellow in Physics. It is very interesting to note that this high honor was held by Geiger and Boltwood before Kovarik and by Moseley immediately after.

Upon his return to America in 1911, Dr. Kovarik continued to teach physics at the University of Minnesota. In 1916 he went to Yale University where he accepted the position of an assistant professor of physics. Here he came in contact with both of his former chiefs, namely, Prof. F. S. Jones, who was then dean of Yale College, and Dr. John Zeleny, who had accepted the call of professor of physics in the Sheffield Scientific School at Yale.

Dr. Kovarik's researches were marked not with success but received recognition from abroad, for in 1916 the Victorian University of Manchester, England, conferred upon him the degree of Doctor of Science.

When America entered the World War, Dr. Kovarik played an important part particularly as a research worker in connection with the detection of submarines, as an instructor in the U. S. Army Signal Corps, and as a member of the Public Information Committee. He was also active in the Czech-Slovak movement in many ways and wrote an introduction to Charles Pegler's "Heart of Europe."

In 1924-25, Dr. Kovarik was granted his first and only sabbatical year. He decided to leave for Europe, but was unable to do so until late in the year, for a memoir of considerable size which he was preparing for the National Research Council detained him at New Haven.

Arriving at Cambridge, England, he visited his former teacher, Sir Ernest Rutherford. In the Famous Cavendish Laboratory, Trinity College made his stay at Cambridge very pleasant by offering him the privilege of the "High Table," presided over by the great physicist, Sir Joseph J. Thomson, the Master of Trinity.

During his stay in England, the Minister of Education of the Czecho-Slovak Republic and the faculty of the Charles University of



"DICKY BURTON, Minneapolis' own pet literary lion, is in difficulties," says the *Minneapolis Journal*. "Dr. Burton is chairman of the Pulitzer prize fiction committee and as such of course knows what book will receive the 1928 award. . . . As such of course, he also is not supposed to mention the fact until the award is announced officially sometime next month. . . . But after Dr. Burton spoke at the University of Minnesota a few weeks ago, someone in Minneapolis sent a story to the Publishers Weekly declaring Dr. Burton had announced in Minneapolis and on the Minnesota campus that "Victim and Victor" by John Rathbone Oliver will receive the award.

"Then there was a furore—a furore that has been surpassed in the literary world this season only by the controversy over Joan Lowell's "Cradle of the Deep." . . . Denials began to fly thick and fast. . . . Dr. Burton burst into the public prints denying that he had ever mentioned the Oliver book as the prizewinner. . . . He further announced the Publishers Weekly would have to retract its story. . . . The MacMillan Company, which published Oliver's book last year and apparently didn't recognize that it had anything of special note, sent out special delivery letters to all the book trade and literary editors denying it had ever announced that the Oliver book had won the prize and also denying it had ever been "officially" informed that such was the case.

"Of course the cat is out of the bag now and, if the Pulitzer fiction prize committee wants to surprise the public this year, the members will have to meet again and pick themselves out another winner from the 1928 supply.

Prague invited Dr. Kovarik to deliver a series of lectures in Prague, and upon his arrival bestowed upon him the Memorial Medal of the Prague University. Even the good people of Vsetec, a mountain town of southern Bohemia near Pisek took pride in the fact that Dr. Kovarik, though born in the United States, descended from their ancestors and presented him with a beautifully illuminated document attesting that he has been elected an "Honorary Citizen" of the town of his ancestors.

Sparks

From the Collegiate Campus



Any College Hymn: Hats Off

*Grmm da-daa, du de-daaa,
Alma mater thee,
Ermm du-duuu classic halls,
Brmm la-laaa ivied walls,
Almaa mater thee!
Grmm za-zaaa hopes and fears,
Ermm za-luuu after years,
Alma Mater theeeeee!*

College Grad Long Lived

There has always circulated, especially among non-college men, the barest suspicion that college men do not live very long. They usually follow sedentary occupations, and disease and death in the mind of the muscle-bound is associated with the latter. The American Student Health Association comes forth with the report, however, which not only frustrates that assumption but turns the tables. The vital history of 40,000 graduates from eight colleges, 1870 to 1905, of 5,000 athletes of 10 colleges, and 6,500 honor men from six colleges from graduation until 1925 was collated. The college graduate mortality rate was 8.8 below the national average, taking the latter as 100.

An Error in Our Budget

"One big error in our budget this year was ordering a dozen baby spoons as gifts for the children of our alumni. So far we have disposed of only five and we ask a little co-operation of our alumni so that we may not have so many left next year."—Union Sig.

Our Canadian Cousins

Registration figures as of Jan. 1 for twenty Canadian universities and colleges show the University of Toronto in the lead with 5,119 regular full-time students, says Prof. Raymond Walters of Swarthmore College, in *School & Society*. The University of Montreal is in second place, Laval, third, and McGill, fourth. These figures are of interest to educators in the United States because some 1,000 U. S. students are enrolled in Canadian universities and colleges. On the other hand, there are about 1,200 Canadians in higher institutions of learning in the United States.

The total registration in fifteen of the twenty Canadian institutions shows an increase of 4.6 per cent over the previous year—which is twice the increase shown in U. S. colleges and universities for a similar period.

There are in all about 26,500 full-time college and university students in Canada this year.

Unaffected by Outside Work

Scholarship does not suffer at the expense of extraneous activities, in the opinion of those who compile scholastic standings at the University of Minnesota says *The Minnesota Daily*.

Although no careful study has been made to refute the common contention that the coming of spring is accompanied by a let-down in student diligence, administrative heads are inclined to doubt it. They believe that grades for the majority of the students show little variation from quarter to quarter.

Minnesotans You Should Know:



Master in Chancery of the United States District Court with an office in the Federal Building of Minneapolis is the capacity of *Howard S. Abbott* ('85). After his graduation Mr. Abbott studied law and held important positions with various railroad companies in a legal way. But in spite of his legal training he is also inclined toward writing. When the first 'unior annual was published in '84, it was called the "Keys Mahklout," and Mr. Abbott was its managing editor. He was also the managing editor of the "Ariel," Minnesota's only college paper at that time. He is now a compiler of a number of case books dealing with municipal and private corporations.



"Always wanting what is not!" Isn't that the way with most of us? Those in the south envy us in the north (in the summer); and those in the north envy those in the south (in the winter), but the west—well, who wouldn't? *Guy N. Borge* ('12M) is living in Berkeley, California, where he is a mining engineer. However, he hasn't been in that sunny clime all the time. After his graduation he went to Venezuela and from there he went to the tropical jungle where malaria forced him to return to the United States and where hostile Indians also had quite a bit to do with cutting the work short. Mr. Borge is a geologist, and searching for ore is his special field.



Of course you must remember the old saying, "Practice what you preach!" Well, here is one who does. *Winifred Bailey* ('19) is the supervisor of physical education in the public schools of Wellesley, Massachusetts, and at the time that this picture was taken she was just about to embark on a canoe trip. While in the University Miss Bailey was very active and has continued that activity ever since. She spent her first two years after graduation on the farm school campus as an instructor of physical education and then went to Wellesley for a two year graduate course in Hygiene and Physical Education.

Interim Committee of 10 to Study 'U' Needs

THE joint committee to study the needs of the University during the interim between this and the next legislature has been appointed.

Lieutenant Governor W. I. Nolan and Speaker John A. Johnson named the joint committee, five members from each body of the legislature. Every congressional district except the seventh is represented.

Senators on the interim committee are L. P. Johnson, Ivanhoe, second district; L. E. Lilygren, St. Paul, fourth district; Lewis Duemke, Minneapolis, fifth district; *Chris Rosenmeier*, ('06L), Little Falls, sixth district, and Will A. Blanchard, Anoka, tenth district.

House members named are *O. K. Dahle* ('94L), Spring Grove, first district; *O. W. Kolshorn*, Red Wing, third district; *W. J. Norton* ('06L; '07), Minneapolis, fifth district; *R. W. Hitchcock*, Hibbing, eighth district, and *Mrs. Harriet H. Weeks*, Detroit Lakes, ninth district.

Senator Blanchard and Representative Kolshorn were chairmen of university committees in the two houses at the legislative session. Senator Rosenmeier was author of the resolution which authorized the joint convention at which regents were elected and on most issues

represented the view of Governor Theodore Christianson, ('06, '09L). Senator Johnson was administration spokesman in the senate on many occasions, while Representatives Norton, Dahle and Hitchcock led administration forces in the house.

The interim committee, given an appropriation of \$7,000 to carry on its work and empowered to subpoena witnesses and compel production of books and records, is instructed to make a thorough study of university matters and of school aid.

The committee, under terms of the resolution creating it, is to

Make a thorough study of the subject of the government, management and control of the university, and of the composition, term and method of electing or appointing regents, and of the powers and duties of the regents and of the legislature with respect to the university, existing or proposed or contemplated, and of the experience and method of handling such matters in other states, with a view to making such findings and recommendations and formulating such legislation in relation to these matters as may be deemed necessary or advisable, if any.

How much control of university finances is to be vested in the legislature is likely to be the major issue, as it was in negotiations during the session when various amendments were proposed but abandoned.

The interim study is advisable, according to the resolution, "to promote a better understanding between the university, the legislature and the people of the state, and to better enable the legislature to deal with these matters." Controversy early in the session between university officials and members of the state finance commission, in which serious differences developed over university records, was a factor in bringing the suggestion for an interim committee. University officials welcome the interim study.

Tuition Increases Likely to Meet Deficiency

Tuition increases and definite economy will be necessary to raise the University's budget \$300,000 more than was appropriated by the State Legislature, and allowed by the governor, in a message read by President Coffman to the Board of Regents at their meeting held Wednesday. Portions of this document will be published in the MINNESOTA WEEKLY for May 11.



(Talking to Prof. Sorokin about his newest book this week, he told us, very proudly, that he is in the process of becoming an American citizen, and that he would soon be able to file for his second papers.

Faculty Books

That We Have Read



SOCIAL MOBILITY, Pitirim Sorokin, Professor of Sociology (Harper & Brothers, N. Y. \$3.75, 559 pp.).

Another excellent book has come recently from the pen of Pitirim Sorokin, professor of sociology at the University of Minnesota, who before the Russian revolution was head of the department of Sociology at the University of Petrograd and during the first revolutionary government was minister of war when Kerensky was prime minister.

"This book," as a foreword to the book says, "opens a new field in the scientific study of society. It deals with the organization of a social system in its vertical aspect and with the dynamics of the system manifested in the shifting of individuals on the social ladder.

"It preaches nothing," continues the statement, "but faces the facts as they are. It speculates little, but gives a vast amount of well arranged factual material which makes speculation unnecessary. The book helps the reader to arrive at a complete understanding of social dynamics in all its complex processes."

The book is serviceably bound in heavy black ribbed cloth and is stamped in gold. It contains a foreword written by Professor F. Stuart Chapin, head of our Department of Sociology and is another volume in Harper's social science series of which Sociologist Chapin is the editor.

Other interesting faculty and alumni books will be reviewed in this column from time to time.

Personalia

1886



1928

'86—Leo M. Crafts, Harvard, M. D. 1890, has attained the rather unique distinction of being accorded extended representation in works of current national biography in three distinct fields of activity, being placed in the last two editions of *Who's Who Among North American Authors*, the recently issued first edition of *Who's Who in American Sports*, and also *Who's Who in American Medicine*. For years he has had place in the general *Who's Who in America* and in the most restricted of all such publications, *The National Cyclopaedia of American Biography*. He received extended mention in volume XV, 1896, to be further elaborated in the forthcoming volume of that work. He is also recognized as having attained positions among international notables by inclusion in the current and preceding volume of the *International Blue Book*. He has been invited into membership in the American Medical Authors' Association, restricted to "the outstanding writers, and the leading authors" in this field of literature and was recently designated as State representative and founder in the Institute of American Genealogy. The current edition of the *Abridged Compendium of American Genealogy* designates him as the leading living representative of the prominent colonial family of Crafts.

'93; '95L—Thomas F. Wallace, treasurer of the General Alumni Association and president of the Farmers' & Mechanics' Savings Bank of Minneapolis, with his sister Elizabeth Wallace, and his brother, James G. Wallace (Ex'99) recently returned from a trip to South America where they visited their birthplace, Bogota, Columbia, for the first time since they came to the United States to live. Their two-month journey took them by steamer from New York, through the Panama canal and down the west coast of South America, with stops in Colombia, Peru and Bolivia with trips inland to Bogota and the cities of the northern Andes mountains. From Valparaiso and Santiago, in Chile, they traveled by the Trans-Andean railway to Buenos Aires, thence north to Rio de Janeiro and by steamer from Brazil to New York. Mr. Wallace says, "We spent 39 days on board steamers, and 38 of them were perfect days, calm

and with temperatures like that of June in Minnesota. A visitor to South America is impressed nowadays with the cleanliness and sanitary conditions that prevail in all the larger cities." We here think that it is even more than nice to find those things out, especially when one can do so by actual sight.

'95L—C. C. Hultquist has forsaken his law practice for a business career. He is engaged in the manufacture of cotton seed products, cotton buying and ginning and has gins at seven strategic cities of the United States besides the main plant at Muskogee, Oklahoma.

'96G—Professor Andrew A. Stomberg, professor of Scandinavian at the University of Minnesota, was on leave of absence during the year 1927-28. He spent that year on sabbatical leave lecturing in Sweden. After the termination of his engagements he accepted the designation of Carnegie Professor for a brief course of lectures at the Royal University of Upsala. His lectures covered special work to interpret to the people of Sweden those matters concerning the United States of America, in which Swedish audiences were most interested, and to express to them the strength of the friendship of the American people.

'04D—Dr. W. A. Grey, director of the dental service at the University of Minnesota hospital, returned recently from a week's course of lectures before the Montana and Idaho Dental Societies held respectively at Butte, Montana and Twin Falls, Idaho.

Among the vice presidents of the Minneapolis Business Womens Club we find the names of Mrs. Leslie F. Carpenter (Ruth Haynes, '06); Lillian Ruth Rosholt ('04); and Anna Belle Thomas ('00).

'08—Mrs. Chapin R. Brackett (Georgina Sterling) has been re-elected for a two year term as president of the Woman's club—the largest federated club in the northwest, located on Oak Grove and sixteenth streets in Minneapolis. Mrs. Brackett was unopposed for the office and her name was the only one offered by the nominating committee. Mrs. Edgar F. Zelle (Lillian Nippert, Ex'15) was elected the director of the arts and letters department. Mrs. J. Frank Fraser (Alice Bean, '04) served as chairman of the nominating committee. Mrs. Walter A. Eggleston (Alice Adams, '88) is the first vice-president.

'08Md—The election of Dr. A. C. Strachauer, director and surgeon-in-chief of the University of Minnesota Cancer Institute, as a member of the board of governors of the American Society for the Control of Cancer was announced a few weeks ago. The Society, which has national headquarters in New York City, has recently established a foundation with an endowment of one million dollars for research into the problem of malignancy with respect to cancer.

'11—R. B. Rathbun, formerly vice-president of the Produce State Bank, a unit of the First National group, was elected an assistant cashier of the First National bank. He has been associated with the Produce State Bank since its organization in 1923. The bank was affiliated with the First National group in January 1928. Previous to his con-

Last Volumes Sanford Biography Go on Sale

The University alumni committee, in charge of the Maria Sanford biography sale to the schools and libraries of the state, reports that there are only 22 copies of the biography left, and that these are slightly damaged. They will be sold only to schools and public libraries. The price is \$1.50 plus ten cents for postage and wrapping. The regular price was \$2. Anyone desiring a copy may send a check to the Maria Sanford Biography Committee, Room 207, 1645 Hennepin avenue, Minneapolis.

nection with the Produce State Bank, he was superintendent of banks for Minnesota serving in that capacity in 1922 and 1923.

'11; '13Md—Dr. and Mrs. Ernest S. Mariette recently returned from Pompano, Florida where they have been for the past six months. Dr. Mariette who was superintendent of the Glen Lake sanatorium prior to his leave of absence, will resume his duties at the institution July 1.

'20Ag—M. F. Woodruff is working with the California Packing Corporation. This work must be interesting as it keeps him constantly on the move. His latest address is 2240 Bay St., San Francisco, California.

'21N—Irene Withey has changed her name to Mrs. Alden C. Kimball. Mr. and Mrs. Kimball are making their home in Champlin, Minnesota.

'22E—About a month ago, R. E. Ost joined the Engineering department of the Gulf Refining Company at Port Arthur, Texas, and as far as he has gone he is very favorably impressed with his new associations. Before he joined this group he was with the Kimberly-Clark Company at Neenah, Wisconsin. He says, "Anyone from a northern university looks and sounds good to me down here:—an alumnus from Wisconsin looked me up, and we agreed that snow was a great thing."

'23—It is certainly too bad that we do not hear interesting bits of news until a year or so later, but not being able to do anything about this ourselves, you must help us, by reporting what you know, or

★ The Family Mail

Free Discussion

★

Dear Editor:

I enjoyed the book number of the MINNESOTA ALUMNI WEEKLY tremendously, and I want to thank you for sending me a copy to look over. You are doing some trenchantly fine work out there, and I trust that your Alma Mater realizes fully the prestige you are bringing to her alumni publication.

Most cordially yours,

GEORGE NOBBE

Columbia University in the City of New York, Department of English and Comparative Literature, Hall of Philosophy.

what you know someone else knows. We have just found out about the marriage of Faye Farmer. She was married last September 15 to an Ohio University and Yale man. Her name is now Mrs. Edwin Downer Chubb of Cheshire, Connecticut. Mr. Chubb is tutoring at Roxbury School, a prep school in Cheshire.

'24—Announcement has been made of the marriage of Edwin H. Rian to Marian Schall, of Minneapolis, on April 27. Ed. Rian is now Reverend Rian of Westfield, New Jersey.

'24Ed—The announcement has been made of the engagement of Margaret Oberg to Joseph Borthwick Johnson of Liverpool, England. Mr. Johnson is a graduate of Mbstyn House, Cheshire, England, and St. Bees, Cumberland.

'24; '26Md; '27—June is to be the month for the wedding of Dr. Douglas Perry Head to Ruth Ann Cantillon of Los Angeles and Minneapolis. Miss Cantillon is a graduate of Wellesley College and Dr. Head also has a degree from Yale University.

'26B—Fred T. Edler went out to California last December to attend the wedding of his brother, Carl T. Edler ('24B), but instead of returning he has settled there and is working for the Pacific Telephone and Telegraph company. In the letter he sent us he said that Philo Nelson ('24) is living at the same house that he is.

'27Ag—Uno M. Marttila who is one of the superintendents for the Firestone Plantations Company at Cape Palmas, Liberia, West Africa, left the latter part of April for the United States. He is to be here visiting at his home in Eveleth, Minnesota, for several months.

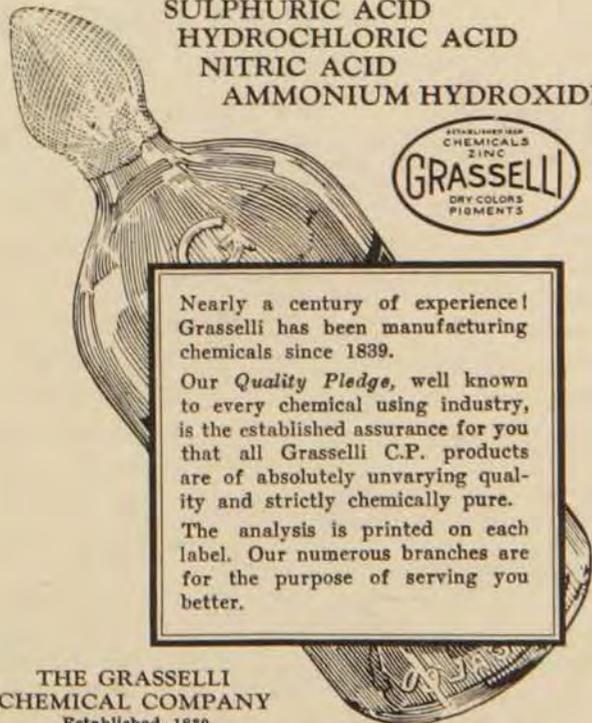
'28—On Sunday, April 7 was announced the engagement of Louise Elizabeth McIntyre of Minneapolis to Charles M. Webster (Ex'28), also of Minneapolis. Miss McIntyre is a member of Kappa Kappa Gamma sorority and Mr. Webster is a member of Chi Psi fraternity.

'27L—We had a little note from Herman F. Mueller the other day which informed us that he is now in Chicago, working in the law offices of Walter, Burchmore & Belnap. He is living with two other Minnesota alumni, Paul D. Silliman ('28) and Thomas Silliman ('26) who are in the services of the Greyhound Bus Lines of Chicago.

Here is a bit of news about some law

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Sixty Miles of Glacier National Park from Car Window

graduates of '28. Jack Warnes is in the department of Justice in New York. Jack has been in Kansas City and Washington, D. C., since his graduation. Wyman Fiske is with a law firm in New York City. Robert Hyslop is with the National City Bank in New York City.

'28Ed—Miss Pearl Soderberg and her parents and Gertrude Welander (Ex. '29 Ed) and her mother plan to spend the summer touring in Europe. They will sail from the United States in June. Both Miss Soderberg and Miss Welander have been studying at the Chicago Art Institute. They were home for their Easter vacation. Both girls are members of Delta Zeta sorority.

J. B. Leader WSGA President

Elizabeth McMillan, J. B. leader, defeated Jane Scott in the W. S. G. A. finals. Exact figures on the election were not available in accordance with W. S. G. A. policy.

About fifty fewer women voted than in the primaries which attracted the greatest interest in women's politics manifested on the campus in many years. Observers attributed the lower vote which only totaled 582 to the fact the non-sorority girls had virtually been eliminated from the race with a consequent falling off in interest among the "barbs."



A CALENDAR FOR THE BUSY MINNESOTAN

On the Campus

- May 8—Baseball, Iowa vs. Minnesota at Minneapolis.
- May 10—Engineer's Day. Parade and dance.
- May 11—Baseball, Wisconsin vs. Minnesota at Madison.
- May 11—Track, Michigan vs. Minnesota at Minneapolis.
- May 11—Tennis, Michigan vs. Minnesota at Ann Arbor.
- May 13—Golf, Iowa vs. Minnesota at Minneapolis.
- May 13—Tennis, Wisconsin vs. Minnesota at Madison.
- May 17—W. A. A. Inter-house Swimming Meet.
- May 17, 18—Baseball, Indiana vs. Minnesota at Minneapolis.
- May 18—Track, Iowa vs. Minnesota at Iowa City.
- May 18—Tennis, Iowa vs. Minnesota at Minneapolis.

Down Town

- State Theatre, May 10-16—"The Broadway Melody," all singing, talking and dancing.
- State Theatre, May 19-16—"Gentlemen of the Press."
- Lyric, May 3-9—Conrad Nagel and Lois Wilson in "Kid Gloves."
- Shubert, May 5-11, Stock company, Florence Reed, guest star, in "The Shanghai Gesture."
- Hennepin Orpheum, May 5-11, Headliner, The United States Indian Band.
- Minnesota, May 4-10—On the stage, Tom Mix; on the screen, Richard Dix in "Nothing But the Truth."

...½ The \$1,250,000 New Library ½...

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The Memorial Auditorium at the University of Minnesota is being built of our EGYPTIAN face brick, the University Stadium, the Law Building, Botany Building, Library, Physics Building, Administration Building, in fact the majority of new buildings on the University Campus are built of our material.

The Young & Quinlan Building, Nicollet Hotel, Sheridan Hotel, Francis Drake Hotel, Citizens' Aid Building, Y. W. C. A. Building, hospitals, churches, grade and high schools, court houses, factories, bank buildings, apartments and homes all over Minnesota and North and South Dakota are built of Ochs Artistic Face Brick and Master Building Tile.

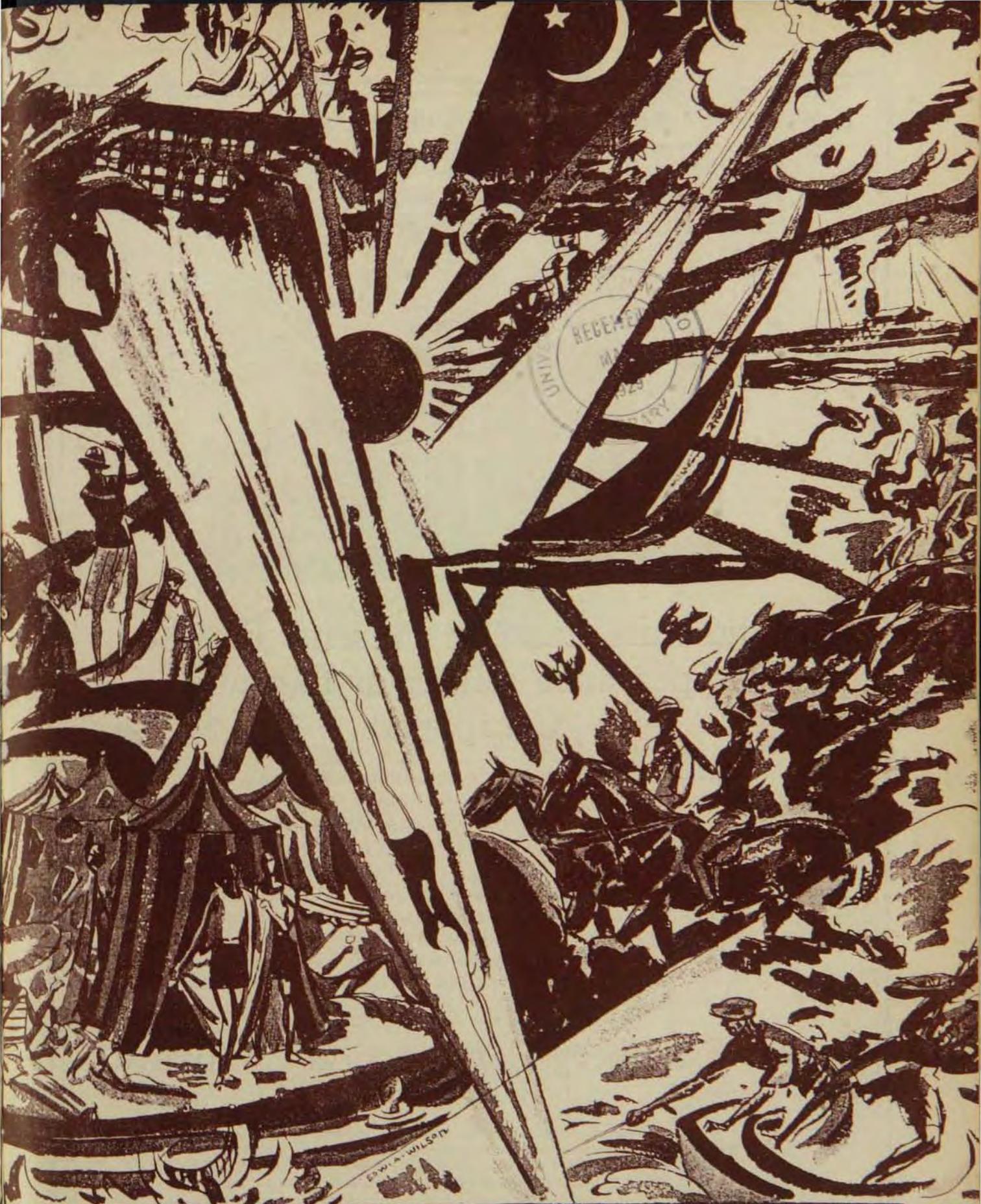
Thirty-seven years of continuous operation has made the A. C. Ochs Brick & Tile Company the largest manufacturer of clay products in the Northwest.

The fact that we serve the University of Minnesota, the State of Minnesota, and the United States Government, is a guarantee of our reputation and reliability.

A. C. Ochs Brick & Tile Company

Executive Office and Plant, Springfield, Minn.

Sales Office, 204 9th St. S., Minneapolis



THE MINNESOTA May 11, 1929
ALUMNI WEEKLY

An Early May Photograph of the
Beautiful New Cyrus Northrop Memorial



Auditorium Exterior Presents Finished
Appearance—Interior Partially
Completed

The exterior of the Cyrus Northrop Auditorium that we have been privileged to build is nearly completed. At this time the exterior is being washed down and the final finishing touches are being put on. All the scaffolding has been removed and the front and side doors have been placed.

On the interior rapid progress is also being made. The concrete tiers for the seats in the balcony have been completed, and the seat tiers on the first floor are now being poured. The decorative plaster has all been completed, and the terrazzo flooring has also been placed. So far has the inside work progressed that the ornamental electrical fixtures are being hung.

Paul Steenberg Construction Company

SAINT PAUL, MINNESOTA

So important do we consider the construction of this building that we have contracted for this space once each month for eight months so that we may bring to you the story in word and picture of the progress of this building. Each month this space will carry the very latest picture of the structure. Watch for the next insertion in June.

TRAVEL SERVICE

The MINNESOTA ALUMNI WEEKLY Travel Service is a full-fledged, operating department. It offers a distinct and valuable service to travelers and prospective travelers. We will supply you, gratis, any information desired about hotels, travel, resorts, travel facilities, travel agencies, steamships and railway lines, bus and air lines, road conditions, and specialized information. We will help you make routes, offer advice and help.



We have on file scores of helpful and interesting booklets and bulletins of information which are yours for the asking. No charge is made, of course, for any service which we may be called upon to give either to the reader, or to the travel agency for facility. The MINNESOTA WEEKLY makes a justifiable profit from the advertising carried on these pages, and we request that readers patronize our advertisers.

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Great Travelers"

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A Summer Camp for Boys
WINTER, WISCONSIN
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Eight Weeks
JUNE 28 — AUGUST 23
and
Two four weeks periods
JUNE 28 — JULY 26 and
JULY 27 — AUGUST 23

Swimming, Canoeing,
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Basketball, Volleyball,
Tennis, Track and
Horsemanship, Wood-
craft and Nature Work

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IF DESIRED

Two resident Priests, Nurse,
and Physician.
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Camp Rockne, Pio Nono H. S.,
St. Francis, Milwaukee, Wis.
Chicago Office:
M. A. DWYER, 1663 E. 79th St.
Phone:
South Shore 7300 Stewart 5267 (Home)

LET US
SETTLE YOUR TRAVEL WORRIES

MINNESOTA WEEKLY TRAVEL SERVICE

118 Administration Bldg. - Campus
MINNEAPOLIS

WHETHER it's a camp for your son or daughter, a vacation site for yourself, a planned and conducted tour of our national parks, or a trip abroad, you should not contemplate going or making arrangements before you consult the MINNESOTA WEEKLY TRAVEL SERVICE. We may be able to help you, or place you in touch with the proper parties, and the chances are, 10 to 1 that we'll be able to save you money. Sounds good, doesn't it? Well give us a trial and let us settle your travel worries. Write us as above.

What an inspiration the name of "Camp Rockne" will be to your young son. Just the name of Rockne, Notre Dame's "wiz" of the gridiron, is a great thrill to all young boys, let alone the thrills they will receive at this truly magnificent camp for boys.

If you have never visited *Breezy Point Lodge*, you have missed something. Do not let this summer go by without dropping in at this most charming of Minnesota summer resorts. If you have visited the Lodge before, I am sure that we will not need to say anything.

Have you planned your vacation for this year? If you have not, or even if you have, Mr. Schilling of *Chandler & Schilling* will be very pleased to tell you about the wonderful traveling offers that his company has on deck. He is a very charming man, and I am sure that you will like him as much as we did.

Dr. L. J. Cooke is in charge of *Camp Arrowhead*. Dr. Cooke has been on the staff in the athletic department of the University of Minnesota for years. . . Isn't that 'nuff sed?

Europe! sounds very far away, doesn't it? However, you would be surprised at the reasonable tours that the *American Express Company* is offering this season. The prices are so reasonable, seems as though all of us will be able to make it. Be sure and inquire at their Minneapolis' agency office.

Sail the ocean blue in a huge transatlantic liner, and then make a comprehensive tour of Europe by air liner. Heavens above! what strides are being made by modern civilization. Most takes my breath away. Write to *Mercury Tours* in New York for further information about this modern travel.

If your son or daughter wishes to go to Europe this summer and you cannot afford the time to accompany him or her, allow them to go with the *Students' Travel Club*. They will be perfectly safe and will have one of the most glorious summers of their lives.

Breezy Point Lodge

Pequot, Minn.

Cordially invites Minnesota
Alumni to enjoy its splendid
recreational facilities.
For reservations, write
W. H. FAWCETT, Owner
Pequot, Minn.

Contemplating a Trip
Abroad?

IF SO CONSULT
Chandler & Schilling
We represent all lines and organize our own tours besides being agent for Thos. Cook & Son, Raymond & Whitcomb, Frank C. Clark, and several other tourist agencies.
Chandler & Schilling
Travel Bureau
9 Washington Ave. South
Minneapolis, Minn. Phone Ge 9114

CAMP ARROWHEAD

FOR BOYS
Located on Beautiful Lake Vermilion, on the
Border of Superior National Forest.

SEASON—JUNE 28-AUGUST 23

DIRECTION OF DR. L. J. COOKE

Direct Inquiries to 909 Sixth St. S. E.,
Minneapolis, Minn.

EUROPE

The Care-Free Way

Wouldn't you like to know how care and worry are eliminated from travel in Europe . . . just how your trip can become a great adventure? The "carefree" way is the way of the American Express Escorted Tours for 1929 which contain many new features and itineraries. The season's widest selection . . . each with an experienced tour manager of character and attainment.

Write for the booklet describing the tours which interest you most.

Vacation Tours . . . \$412 up
Popular Summer Tours \$770 to \$1170
Quality Tours . . . \$1233 to \$2160

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TOUR EUROPE BY AIR!

A comprehensive tour of Europe by air liner. Fifty-one days. Eight countries. Sail *CARONIA* July 19th. Rate, \$1285. Cabin accommodation included. Also independent itineraries.

MERCURY TOURS

Woolworth Bldg., New York

Europe all EXPENSES \$300

The LEADING STUDENT TOURS UP
Cunard supremacy! 7000 satisfied guests! They are our pledge for the happiest summer of your life. Booklet 50
STUDENTS TRAVEL CLUB
551-FIFTH AVE.-N.Y.C.

37 days
EUROPE
\$295

Leading College Tours
Nearly 3,000 members from 700 colleges and schools in 1928. 200 ALL EXPENSE TOURS. Small groups. 1st Class Hotels. Pure motor travel. Send for booklet.
College Travel Club
154 Boylston St., Boston



An Alaskan Malamute

7
Escorted
All-Expense
Tours
to
Alaska
and

Yellowstone Park

next Summer afford an unusual opportunity for a carefree vacation at low cost. A Northern Pacific travel guide will conduct each tour and handle all details.

Two Alaska Tours will leave Minneapolis-Saint Paul and Duluth-Superior July 2nd, (23 days) and July 26th, (16 days). You can make one of these cruises for as little as

\$255.00, All Expenses

Early reservations advised. Boat accommodations limited.

Five Yellowstone Tours will leave Minneapolis-Saint Paul and Duluth-Superior July 6th, 13th and 27th, and August 10th and 17th.

Eight glorious days vacation, including standard 4½-day tour of Magic Yellowstone for as low as

\$118.30, All Expenses

May we tell you more? Just mail the coupon, please.

Northern Pacific Ry.

Route of the "North Coast Limited"

■ Check and mail to E. E. Nelson, Pass. Traffic Mgr., 510 Northern Pacific Ry., St. Paul, Minn. ■

Dear Mr. Nelson: I am interested in Escorted All-Expense Tour to

Alaska Yellowstone Park, leaving.....

Please send me free booklet and additional information.

Name.....

Address.....

Telephone No.....

If student, state grade.....

TRAVEL SERVICE

of the Minnesota Weekly



THOUSANDS are the alumni in the northwest who use the facilities now supplied by modern airplanes.

Air-planes are becoming increasingly familiar as giant, air-worthy planes fly over regular schedules. In view of the saving in time, the cost is not prohibitive, and as more and more persons make use of their facilities the prices are being reduced.

The Travel Service department of the *Minnesota Weekly* is prepared to give information and to suggest routes for proposed air travel both in America and abroad. In the northwest we suggest using the facilities of the Universal Airlines and in Europe, those of the Mercury Tours.

The schedules furnished here were accurate at the time of going to press and were compiled from information received from various airlines. They are, of course, subject to change without notice.

New York to Boston, once daily, Hartford.....	\$ 15
via Hartford, Boston	\$ 25
New York to Montreal, once daily, Albany	\$ 25
via Albany, Montreal	\$ 50
New York to Washington, once daily	\$ 30
Albany to Cleveland, Syracuse	\$ 30
via Syracuse, once daily, Rochester	\$ 35
Rochester, Buffalo	\$ 40
Buffalo, Cleveland	\$ 60
Cleveland to Detroit, twice daily	\$ 18
Cleveland to Chicago, once daily	\$ 45
Detroit to Chicago, once daily	\$ 30
Chicago to San Francisco, to Omaha, Omaha	\$ 47
via Omaha, Salt Lake, twice daily, Salt Lake City, and Reno, beyond City	\$146
Omaha, Reno, once daily, S. F.	\$200
Chicago to Twin Cities, once daily	\$ 35
Chicago to Cincinnati, once daily, Indianapolis	\$ 17
via Indianapolis, Cincinnati	\$ 35
Chicago to St. Louis, once daily	\$ 50
Chicago to Atlanta, once daily, Evansville	\$ 36
via Evansville, Nashville	\$ 48
Nashville, Chattanooga, Chattanooga	\$ 55
Atlanta	\$ 65
Atlanta to New Orleans, Birmingham	\$ 15
via Birmingham and Mobile, once daily, Mobile, New Orleans	\$ 50
Miami to Havana, once daily	\$ 55
Los Angeles to San Francisco, three routes, once daily	\$ 30
San Francisco, three routes, each route	\$ 60
Los Angeles to El Paso, once daily, Phoenix	\$32.50
via Phoenix, Tucson	\$45.00
and Tucson, El Paso	\$77.50
San Francisco to Portland, once daily	\$68
San Francisco to Portland, once daily	\$ 45

Where Are You Going?

GOING EAST OR WEST?
 If you are, the MINNESOTA WEEKLY Travel Service will help you arrange your trip, secure reservations, get hotel accommodations.

HOW ABOUT YOUR SUMMER VACATION?
 Let the MINNESOTA WEEKLY Travel Service help plan a unique, and a different vacation this year. We have literature of all kinds, and a complete list of Minnesota and Canadian resorts on file. Let us supply you.

GOING TO EUROPE?
 More than ever you'll find that eastern steamship companies and travel agencies are cooperating to give you the best possible tour of Europe at the lowest prices. Write us for travel literature for your special needs.

WANT TO JOIN A SPECIAL CRUISE OR TOUR?
 We have connections with a local and a Chicago cruise and tour company that can give you an excellently planned summer of cruise and travel at a moderate price—in fact at almost any price you desire to pay.

NAME

ADDRESS

Special Information Desired

MINNESOTA WEEKLY TRAVEL SERVICE
 118 Administration Building, Campus, Minneapolis

TRAVEL

"Minnesotans Are

SERVICE

Great Travelers"



The Old World Beckons You for that Summer Vacation

Delightful Travel

With all comforts at cost reduced to such an extent that all can now realize their ambition to visit Europe.

Unexcelled Accommodations

In First, Cabin, Second, Tourist Third Cabin or Third Class.

Diversification of Routes

Is available owing to the many ports offered for selection—NEW YORK, the metropolis of America—BOSTON, the educational center, or from the port of a foreign country, MONTREAL, Canada, including as the latter routing does, three full days on the beautiful and historical St. Lawrence River.

Experienced Travelers

Offered valuable suggestions in connection with Independent Tours.

Inexperienced Travelers

Our unsurpassed Organized Tours will prove most satisfactory and not only convenient, and saving the travelers all worry in connection with their tour, but also most decidedly economical.

THERE IS NO BETTER WAY

See your Local Representative, or write

CUNARD LINE ANCHOR LINE

129 So. THIRD STREET, Minneapolis, Minn.

White Pine Inn

BAYPORT, MINN.

(22 miles from University)

Take Highway No. 45 from St. Paul, driving east on 6th Street.

ANNOUNCEMENT
LOG CABIN DINING ROOM
NOW OPEN FOR
PRIVATE DINNER AND
DANCING PARTIES

This rustic cabin has hardwood floors and large cobblestone fireplaces

Very Attractive and Ideal for Spring Formal

Can Accommodate House (Week-end) Parties

Phone
Bayport 1490

Call
T. Fallestad

It really makes me quite breathless when I think of the dozens of different, each one just perfect, vacation tours offered. It makes it so very hard to choose. Of course, the *Cunard Line*, *Anchor Line* is a very old, dependable company and says that the "Old World Beckons you for that Summer Vacation!"

The *White Pine Inn* at Bayport, Minnesota, is just the kind of a place that you would take someone when you wanted to give her a particularly nice treat. A place where you would like to eat a Sunday dinner, or celebrate a birthday. The proprietor, T. Fallestad, also encourages special private parties, such as spring formals.

The *New Nicollet Hotel*, so handy, so comfortable, so clean and airy, and the service is par excellence! Not only is it one of the best places for our visiting alumni to stop, but it is also an unusually good place for private parties. You know it is the official Intercollegiate Alumni Hotel of Minneapolis.

Not only the fun of the private party is in store for one who is invited to *Paradise Isle Hotel*, but also the expectation and realization of "put-putting" across the bay of Lake Minnetonka at Waconia, Minnesota in a launch, because the Hotel is located on a privately owned island. Your interest and delight is sure to increase upon your arrival.

Send for the book, "100 Summer Vacation Trips," which will be sent free to you from the *Continental Travel Company* in New York. They boast "Travel Bargains!" and all expense, personally conducted tours. If you can't make up your mind, let "Continental!" help you!

Two private parties to Europe this summer are of particular interest to the Minnesota Weekly Travel Service because they are to be conducted by University of Minnesota folk. We refer specifically to the party that Richard Taylor ('28) will take to England, Belgium, Holland, Germany, Austria, Italy, Switzerland and France, and to the group that Mrs. F. J. Evans, matron at the Gamma Phi Beta House at 311 10th avenue southeast will take to Holland, Belgium, Switzerland, Italy, France, England and Scotland. The cost of these conducted tours is approximately \$800 and are under the business management of THE SCHILLING TOURS at 9 Washington avenue south.



THE OFFICIAL INTERCOLLEGIATE ALUMNI HOTEL IN MINNEAPOLIS



NEW NICOLLET HOTEL

Opposite Tourist Bureau on Washington Avenue

The northwest's largest and finest hotel will be your choice when in the Twin Cities. We have 600 outside rooms with bath; the finest cafes and coffee shops; the largest and most beautiful ball rooms in the northwest. We cater particularly to meetings and conventions and invite alumni to correspond with us when planning either a personal trip or a convention in Minneapolis.

MANAGEMENT OF W. B. CLARK

THE SPOT IDEAL FOR YOUR SPRING PARTY

Paradise Isle Hotel

WACONIA, MINN.

Here Fraternities and Sororities will find the ideal facilities for a week-end House Party or for a Formal Dinner Dance. Located on the privacy of a beautiful island—Large Dance Pavillion—Well Furnished Cottages—Finest Meals—and only 30 miles from Minneapolis. Write or phone for reservations.

Call LO. 0530 J. W. ZEGLIN, Prop.

FLY Up in the Air

The June Travel number of the MINNESOTA WEEKLY will also be dedicated to aviation and travel by air. There will be many special aviation features including information about airlines in Europe.

If you are interested in airlines and air service, both at home and abroad, write

Minnesota Weekly Travel Service
University of Minnesota,
Minneapolis.

Travel Bargains!

All Expense Trips to

EUROPE

"Personally Conducted Tours"
Leave N. Y. July 6

Send for descriptive Itinerary

Tour "A"—35 DAYS—\$375
France, Switzerland, Swiss Lakes, Italy, Italian Lakes, The Riviera.

Tour "B"—48 DAYS—\$485
France, Coast of Brittany, The Riviera, Italy, Italian Lakes, Switzerland, Swiss Lakes, Germany, The Rhine, Holland.

Tour "C"—62 DAYS—\$595
England, Belgium, Holland, Rhine Trip, Germany, Switzerland, Swiss Lakes, France, and the North Cape Cruise.

CALIFORNIA—\$545

Including Yellowstone and Canadian Rockies
All Expenses Included

YELLOWSTONE PARK—\$295

16 DAYS

All Expenses Included

Send for our book

"100 Summer Vacation Trips"
free on request.

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Saturdays until 5 P. M.

TRAVEL SERVICE

of the Minnesota Weekly



THE TRAIL OF "THE CHIEF"

From Chicago to the Pacific Coast, the trail of "THE CHIEF" winds Southwestward, traversing a portion of eight great states. The present schedule is sixty-three hours, "Santa Fe all the way."

It is appropriate that the trail of "THE CHIEF" should take us through the most interesting of the Indian country, which today is New Mexico and Arizona. It leads us to the Indian-detour—a personally conducted motor break in the rail journey where, by means of Harveycars, we visit prehistoric cliff and cave dwellings, the ancient and modern homes of the Pueblo Indians, the City of Santa Fe—one of the oldest in the United States which, even today, retains much of its antiquity and primitive charm. From Williams, Arizona, a short rail side trip brings us to the very brink of the most stupendous of our natural wonders—Arizona's Grand Canyon. Words are inadequate to describe it. Picture, if you can, a chasm over two hundred miles in length, from nine to thirteen miles in width and more than a mile in depth, with a mountain range rising from the bottom of the gorge, colored with rainbow hues. Never twice the same, yet always magnificent and awe inspiring. Hotel El Tovar, which is modern in every respect, stands on the South Rim, at the rail terminus.

From the Grand Canyon our journey leads us west and south until we arrive at Barstow, from which point we may reach either Los Angeles and San Diego to the south, or northward to San Francisco. This time, let us go northward and stop for a short time at Merced for a detour to Yosemite Valley, sometimes called California's Wonderland, before we complete our trip and actually reach San Francisco.

This brief description does not mention the charm of the Colorado Rockies, the trip through the fertile plains of Kansas, and the many interesting sights of New Mexico. Nor does it comprise glimpses of Hopi and Navajo Indians at home, of the Petrified Forest, Arizona. Fred Harvey meals—both in dining cars and at dining stations—are considered by experienced travelers to be unexcelled in the transportation world.

This very briefly is THE TRAIL OF "THE CHIEF"—a trip through the heart of the romantic Southwest.

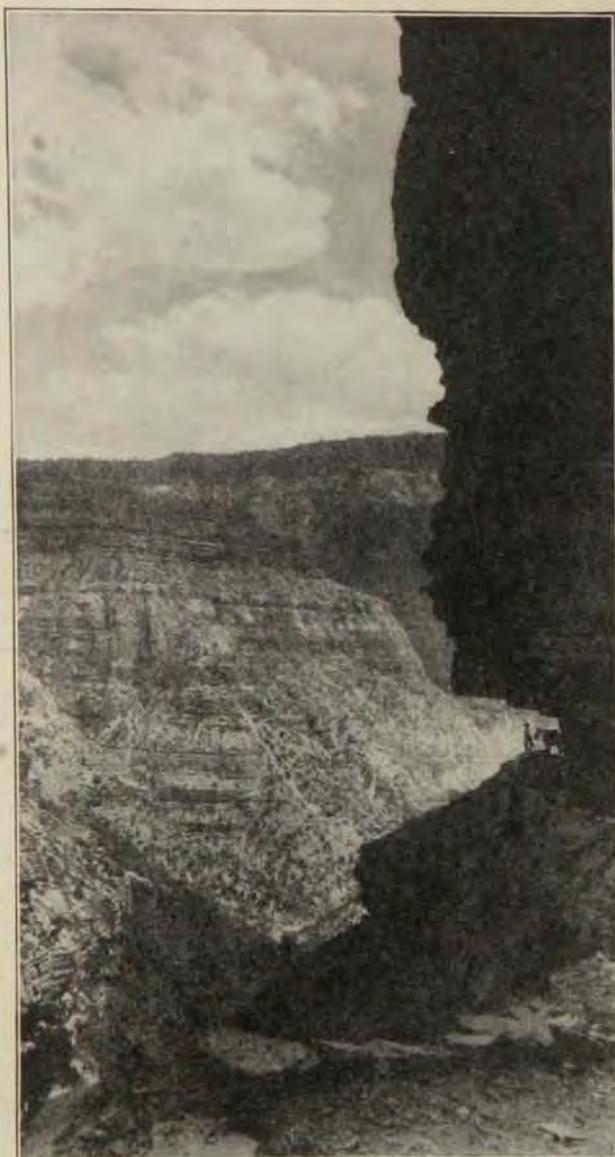
"FLOATING UNIVERSITY" IDEA OPENED TO SUMMER SCHOOL STUDENTS AND TEACHERS

A series of six College Tours to Europe, announced today by James E. Lough, at 285 Madison Avenue, New York City, opens his "Floating University" idea this summer to students and teachers, many of whom are unable to join the annual College World Cruise in the winter. Delphi, Athens, Rome and Venice now serve as classrooms for students of Ancient History, for on each tour, college and professional courses in Art, Literature, Economics, Geography, and History are given by well-known professors and carry full academic credit.

"The plan provides a Summer School in Europe similar in every essential to those in American universities," said Dr. Lough, president of the world's Floating University in 1926-27 and Director of College Tours, "with the addition that the students do field work under faculty supervision during the College Tour as a part of each course."

"The itineraries have been arranged as backgrounds for the subjects taught. Students of French, for example, cross on French ships and reside at Grenoble University, while Art students visit the important museums of England, France, Italy, Holland, Austria and Germany under faculty leadership."

The cost of these travel study tours is moderate. The price of the French Residence Tour with 32 days of intensive study in French Literature and Conversation is only \$485.00. Students and teachers who desire to register for this summer school abroad and to receive college or professional credit for their courses should communicate with Dr. Lough."



Trail up Roaring Springs Canyon, Grand Canyon Nat'l Park

New Thrills await you in the Far West this summer

A Santa Fe Low Cost Summer Xcursion ticket will take you to California, through the Colorado Rockies, over the Indian-detour, to Dude ranches, Grand Canyon and Yosemite National Parks. Other national parks also may be included.

If you prefer, join one of our escorted all-expense tours, where every detail is arranged in advance.

May we send you
picture folders?

F. R. Connell, Pass. Agent, Santa Fe Ry.
507 Metropolitan Life Bldg., Minneapolis, Minn.
Phone: Geneva 9136



In "Santa Fe" Land



LA "Summer in Hawaii" introduces our third travel number this spring.



THE EDITOR'S INQUEST

Raising Money by Increasing Tuition

ANOTHER student tuition fee raise is imminent, according to President L. D. Coffman, who tells us that the state appropriated \$30,000 less for each year of the next biennium than it is now receiving.

The University will, of course, receive what the state sees fit to appropriate without equivocation, but friends of the institution feel chagrined when it is pointed out that the state has been more miserly with the University this year than with almost any other branch of this supposedly farseeing commonwealth.

With a \$30,000 shortage staring the administration in the face and the absolute necessity of raising an additional \$270,000 to take care of needed salary increases, the shifting of the burden onto an already heavily-taxed student body seems the only way out.

For it is, of course, unthinkable, that the actual status of the University of Minnesota must be lowered. And yet, with increased appropriations granted nearly all of our Big 10 neighbors, the row that Minnesota must hoe will be a hard one. For while Minnesota marks time during the next two years, these other (and competing) universities will be marching ahead.

We hope that the interim commission will not only study the needs of the University of Minnesota but will also compare the appropriations and the ability to pay of other states and other state institutions.

Millions and "Freak" Wills

A WEALTHY resident of Waseca died recently, leaving, his acquaintances supposed, a million dollars to beautify the city. When the will was opened for probating, however, it was found to be one of the strangest last bequests in history.

Termed a "freak" and a "trick" will by many, it specified that the University of Minnesota is to receive the entire sum after 100 years; but the granting does not end there. The University, in order to become and remain the benefactor, must devote the entire sum to ornithology, and must, on certain specified days decorate the graves of certain relatives, with certain kinds of flowers.

Ho . . . hum . . . who ever thought of forcing the University into the cemetery decorating business.

How About a Job?

"DO you want a job?"

Some time ago we published this headline and listed four or five jobs that were available through the employment bureau of the University. Several responses were received.

The employment bureau frequently has jobs that are well worth the consideration of the average alumnus. Those interested should write directly to the Employment Bureau, Administration building, or applications may be filed with the *Job Service Bureau* of the MINNESOTA ALUMNI WEEKLY. We'll try to put you in touch with the right parties.

Sinclair Flays "Dicky"

OUR own "Dicky" Burton, while delivering his annual lectures here last month, evidently let a cat out of the bag; a cat which, ungrateful, has returned to bite and scratch him.

For while lecturing here he made the statement, on two or three occasions (according to more than a dozen ear-witnesses), that "Victim and Victor" was to receive the annual Pulitzer prize. Dr. Burton was chairman of the selecting committee of three and he is supposed to have stated from the lecture platform that one member of the committee was inclined to favor Upton Sinclair's book, "Boston," but that he had prevailed upon the committee not to choose this book because of the "socialistic tendencies of the author." The prize award was not to have been made public until later in the spring.

The story was originally reported in the *Minneapolis Star* and the *Minnesota Daily* and was soon taken up by eastern newspapers. Denials from Dr. Burton have come thick and fast and a scrappy fight has ensued. The *Minnesota Daily*, in a detective-like mood, invited Mr. Sinclair to express his opinion through the editorial columns of the *Daily*. This he did in a lengthy letter which was printed the fore part of the week.

Mr. Sinclair charges "Dicky" with bias, prejudice, and with not awarding the prize according to the dictates of the will of Joseph Pulitzer who originally set aside the sum from which the prize is awarded.

Meanwhile the bookstores continue to sell thousands of copies of a book otherwise considered rather dull and uninteresting.

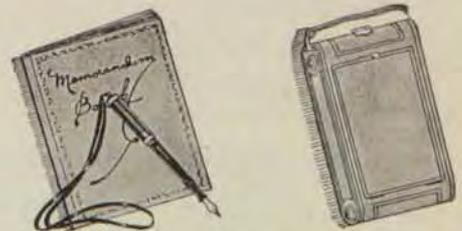
TRAVEL SERVICE

of the Minnesota Weekly



A Smart Traveling Ensemble

The chic ensemble pictured above is just the thing for the alumnus school teacher when traveling at home or abroad. The ensemble consists of a light weight tweed coat, tan or brown in color, with the dress to match. The dress could possibly be made of flat crepe, easily washable. The hat is crushable, and made of tan felt with a brown band. The combination walking shoes are two shades of tan leather. The purse is made of brown leather and with tan gloves, the outfit is complete. The beads may be pearl, so much in vogue this season.



Essentials of an Educator's Travel Equipment

Yes, by all means, the traveling alumnus should include a good memorandum book to record all impressions of the summer vacation trip; a kodak, too, for many unusual pictures are possible. Next is illustrated a passport in facsimile, and last a smart hat-box, with room for almost everything. Don't take along a lot of surplus clothes or other equipment. The best rule when traveling is to travel light.

Facts and Cuts by Guild Travel Bureau



To The Pacific Coast

Through the Magnificent Canadian Rockies!

THE Mountaineer, the Soo Line's luxurious new train, will carry you to the Pacific Coast through the magnificent scenery of the Canadian Rockies. From the comforts of the new Solarium-Lounge car (after a luncheon prepared by a chef to whom cooking is an art) you may view of the glories of this great country—"the wonder spot of America."

Lolling back in an easy chair on the glass enclosed solarium, the mountains, rivers and canyons spread out before you in one inspiring panorama. Beautiful Banff . . . glorious Lake Louise . . . Field . . . into Vancouver before you realize it!

Plan to visit the Pacific Coast this summer. Your trip on the Mountaineer will be one of wonder, rest and comfort.

Low Round Trip Summer Excursion Fares.

Ask about our all-expense tours of the West.

For further information or reservations, phone, write or call the Soo Line Travel Shops, located in Minneapolis on the ground floor First National-Soo Line Building; in St. Paul, at Fourth and Robert Streets.



GOING TO THE ORIENT?

If so let us help solve your travel worries. Write, wire or phone

**MINNESOTA WEEKLY
TRAVEL BUREAU**

MINNEAPOLIS

The MINNESOTA ALUMNI WEEKLY

Volume 28

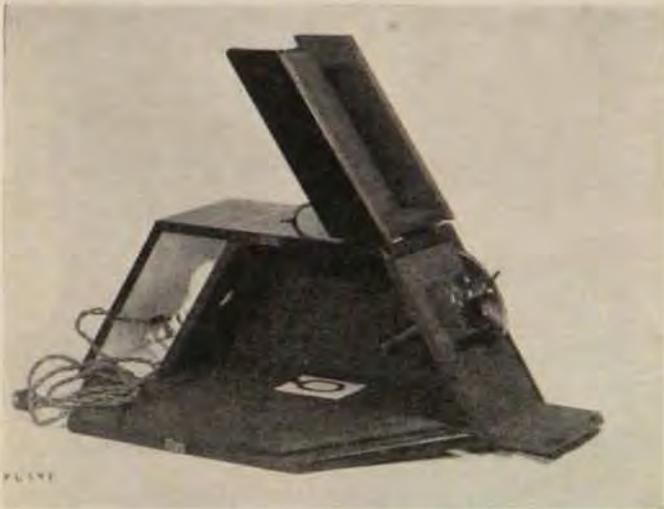


Edited by Leland F. Leland



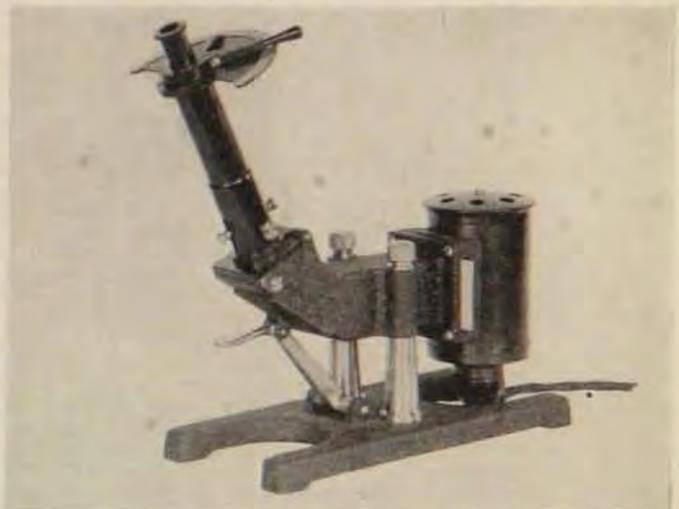
Number 28

How We Get Our Scientific Apparatus



BEFORE

An instrument for measuring gloss of surfaces such as paper and lacquers as it had been devised by the inventor.



AFTER

The same instrument after the instrument designer had made his study and contribution to its development.

IN the development, design and manufacture of scientific apparatus there is nothing spectacular, nothing to "make" the newspaper headlines. The industry, measured in sales volume, is small, and it is highly specialized. Unlike the demand for chewing gum, cosmetics or other stenographic requisites, the demand for the products of the scientific apparatus manufacturer comes from a limited field. The average intelligence level of his employees, and consequently his average payroll level, are higher than in almost any other industry. In relation to sales, the cost of developing new apparatus and new methods is much higher than in any other business. The total number of items manufactured is exceedingly large. The quantity of a given item produced in a single lot is, on the other hand, very small. In terms of dollars and cents the average order is small, and their number is very great.

All the facts just mentioned mean high cost of product. They have conspired to make the names "apparatus manufacturer" and "highway robber" somewhere near synonymous in the mind of the professor who has the responsibility of purchasing apparatus. Yet the possibility of more than a nominal profit is precluded by keen competition in a small industry like the one under discussion. Apparatus prices are high compared with prices of articles sold by the "five-and-ten" and by hardware stores. In making such comparisons it must be remembered that because of the complications mentioned, and the expenses resulting from them, articles manufactured as scientific

By Paul E. Klopsteg
['11, '13, '16]

Director in charge of Development and Manufacturing, Central Scientific Company, Chicago; formerly Instructor in Physics, University of Minnesota.

apparatus cost much more than vaguely similar articles sold by the hardware store. The household article is manufactured in enormously larger quantities than is the laboratory appliance. Without going into all the reasons for high cost of scientific apparatus, it may be remarked that if the development, design and production of scientific instruments were not largely the kind of work about which one can get genuinely enthusiastic, and which is never, not even for a moment, uninteresting, some of us in the business would probably be doing something much more simple, and taking life correspondingly easy.

During the past few years the scientific horizon of human knowledge has been widened immensely. In the United States especially, several agencies have been established for the dissemination of new scientific facts among laymen. Perhaps never before has the layman been so interested in science as he is today. Undoubtedly he will soon recognize, as does the scientific worker, that the material welfare of humanity depends in a great measure on scientific progress rather than on any other single factor. It need hardly be argued that the intellectual and spiritual interests of man bear an intimate relationship to his ma-

terial welfare. We find it difficult to imagine life without electricity, gas, and means of rapid transportation and communication; without newspapers and magazines; without modern medicine and surgery; yet it has not been many years since these necessities of modern life were unknown. All of them are direct and indirect results of scientific research.

Granted that one of the noblest endeavors of man is to make the existence of mankind a happier one; that this endeavor will in time be accepted by the individual as his obligation towards his fellow man; that scientific investigation is one of the most powerful agencies in helping the individual to fulfill this obligation; the conclusion is then inevitable that scientific training will occupy an increasingly important position in the educational curriculum. Scientific apparatus, a most important factor in scientific education, will be demanded and used in increasing quantities. Obviously the designer and manufacturer of such apparatus has no small responsibility in keeping abreast of the demand both as to quantity and kind.

Regardless of the purpose for which a scientific apparatus is to be used—whether it be intended for the educational or industrial laboratory, whether it is to be applied to inspection or control work in a manufacturing plant, whether the intended use is physical, chemical, biological or medical—the apparatus in question largely represents the practical application of physical principles. An illustration of this fact may be given by describing briefly the apparatus employed in connection with two very recent de-

velopments. The illustration will serve at the same time to show how the fundamental principle may be applied to widely different uses.

For several years studies have been carried on at the University of Chicago and in the Laboratory of the Chicago Department of Health to determine, if possible, whether a useful technique in diagnosis might be evolved from the fact that colloidal particles, suspended in water, migrate or travel when subjected to an electric field. Bacteria—one kind of colloidal particles—had been found to travel in an electric field towards the positive pole or anode. Such motion is called electrophoresis.

Dr. Falk and his associates, who have been carrying on the studies, found parallel relations between the speeds with which different strains of pneumococci move in an electric field and the virulence of these strains. They are able to predict the outcome, in other words, to make a correct prognosis of pneumonia, with almost unerring accuracy, by measuring the electrophoretic velocity of the organism involved. Applying the same method to diphtheria bacilli they are able to distinguish clearly between the virulent and non-virulent strains within a few hours instead of having to wait several days for the result by the usual guinea pig method.

When a research of the type described has been carried to a certain point, particularly if the results of the research indicate that other laboratories might wish to carry on similar studies, the apparatus designer's function enters the picture. The scientist cannot be expected to design apparatus which will meet the requirements of being compact, as simple as possible, be economical to manufacture, and have the appearance which might be expected in apparatus supplied by a manufacturer. The designer studies the scientific requirements and on the basis of his experience and with his knowledge of manufacturing economies works out the design. As an example in a single unit he combines an assembly of electrical measuring instruments. Two simple keys are arranged for reversing the electrical potential to take the place of a reversing switch and a key. In addition, clearly marked binding posts are placed to enable the laboratory technician who knows nothing about the electrical principles involved, to make his connections without the possibility of error.

A laboratory device which depends to a large extent on the same phenomenon of electrophoresis was designed to take the place of the water still for the purification of water. Instead of evaporating the water and leaving the impurities behind the new method removes the impurities and leaves pure water behind. The impurities which may consist of dissolved salts and colloidal particles are drawn by the electrodes from a compartment, the sides of which are made of heavy cotton duck, with the positives and negative electrodes on opposite sides of this compartment. The colloidal impurities migrate in the same way as do the bacteria in the Falk Electrophoresis Apparatus; and the dissolved impurities pass out of the compartment and to the electrodes by electrolysis. The water being purified is passed through a series of such compartments, and after it leaves

the last of this series its purity is as high as that of ordinary distilled water. The remarkable thing about this method of water purification is that the cost of the electric power is less than 1/100 of that required to operate an electrically heated still of the same capacity.

The illustrations show the "before" and "after" of an optical instrument which was devised for measuring the gloss of paper, leather and lacquer finishes for automobiles and furniture. The original form consists of a wooden box having anything but instrument-like appearance. The new design not only looks like an instrument, but it possesses advantages over the original such as freedom from warping, and hence loss of accuracy, and the possibility of using it on the surface of a wall, or an automobile body, or on paper in the original sheet.

From the time an idea for a new piece of apparatus is conceived until the apparatus has been manufactured, inspected, and is ready to sell, every stage of its evolution is full of problems. The first step is usually a development job, which consists of studying all of the physics or chemistry or other science involved in the idea, with the obvious purpose of evolving an apparatus which is correct in principle and economical to manufacture. A typical development may, for example, consist first, of a thorough-going study of all available references to the subject, combined with research on its theoretical aspect. On the basis of this work an experimental design is evolved. A model is then built and thoroughly tested. Usually the tests at once reveal or suggest points which are capable of improvement. A study of the first model may and usually should result in simplification and improvement of design.

Often the scientific study involved in the development process makes necessary the design and construction of special apparatus. As an illustration of this point may be mentioned the very extensive problem of working out the correct design of such electrically heated and automatically controlled constant tem-

Bookstore Plans Proceeding

Efforts to push forward the establishment of a student bookstore in spite of the indications of strenuous opposition to the project from southeast Minneapolis book dealers are being continued by the committee in charge of the development of plans.

That the operation of a student bookstore can be made eminently successful is indicated by the dividends that are being paid annually to the members of the Engineers' bookstore, which is supplying texts and materials to the students in the technical schools, Elmer Ceder, all-University council representative on the bookstore committee, stated last week.

Technical students patronizing the student bookstore last year received a dividend of 16 and two-thirds per cent, which meant a direct reduction of the total cost of their material by this amount, Mr. Ceder stated. The Medical school book store, privately operated on a co-operative plan, is also paying dividends to its patrons to the extent of 10 per cent of the total cost of all materials purchased.

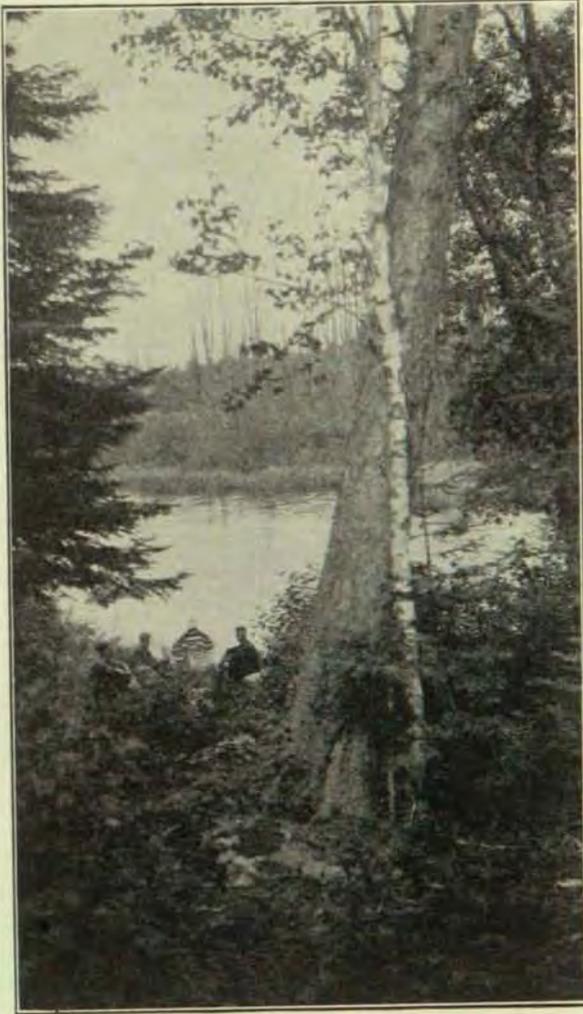
perature devices as water baths, incubators, and drying ovens. In this study it is necessary to decide first what precision of temperature control at any given point in the bath or air chamber is required, and what uniformity of temperature throughout the bath or chamber is necessary. To determine whether in a given design the requirements are met both during short intervals and over very long periods of operation, two alternative methods are possible. The one is to have the experimenter make periodic observations at short intervals for hours or days at a time, using instruments for making the measurements which have the required degree of accuracy. This procedure is extremely time-consuming, and there is no question but that the observer's time could be spent to better advantage. The other procedure is to construct an automatic recording device, the sensitiveness of which can be adjusted to suit the requirements of the most precise control, as well as those less exacting in their demands for precision. In the course of one investigation, such a recorder was designed and built. Two simultaneous photographic records are obtainable by the deflection of sensitive galvanometers operated by thermoelements. A sensitiveness of .001°C for 0.2 inch on the record can be obtained. The photographic record automatically has one-minute intervals recorded on it, and it comes out of the recorder developed, fixed, washed and dried. The great saving of time and of nerve-exhausting work, and the fact that permanent records are secured by means of the device, are sufficient justification for the considerable expense involved in its design and construction.

When all the necessary tests on the model of a new apparatus have been completed the apparatus becomes the subject of study by the engineering department. The designer must be conversant with all manufacturing processes, with standard dimensions of materials that might be used, with foundry practice, with the relatively new process of die casting and bakelite moulding, and with other details of manufacture which have a bearing on the production of the finished article. After the designer has completed the preliminary sketches the latter are checked by the chief engineer who studies them from the standpoint of manufacturing requirements and also from the standpoint of performance of the apparatus. The latter point is important because the finished product must duplicate the performance of the laboratory model.

After the engineering department has completed its work on a particular apparatus, a conference of the "design committee" takes up the question of mechanical design of an apparatus which will embody all of the essential features of the model, and which, at the same time, will be simple and economical to manufacture. A number of alternative designs are usually worked out by one of the designing engineers and submitted to the committee, and again the best features of each of them combined into one which approaches the best possible form. Usually a final model is then constructed in which the remaining defects, if any, will be minor ones; these can easily be corrected in the working design upon which quantity production is based.

Does Your Boy Want to Go to Camp

Dr. Cooke, Emil Iverson, Herb Joesting
Recommend "Camp Arrowhead"



*Fast wilderness and countless lakes . . .
A Magic Isle, a fisherman's paradise . . .
Lofty pine trees, majestic swamps . . .
Mighty rivers and the home of the Indian . . .*

AND don't be misled, for there is more truth than poetry about these few lines quoted above. *Camp Arrowhead for Boys* has all these qualifications and more, too. And why shouldn't it have when such staunch Minnesotans as "Doc" Cooke, Coach Emil Iverson and All-American Herb Joesting are in charge?

Here each and every alumnus will find an opportunity to get his or her son out in the great outdoors under the right kind of tutelage and supervision with a chance for instruction in all of the activities that are dear to the heart of every boy. Whether it be swimming, football, basketball, soccer, tennis, golf, sailboating, speedboating, woodcraft, track, Indian lore, or camp cookery, in fact almost any phase of outdoor life and subjects directly pertinent to it will be taught at this most attractive and interesting of boys' camps.

*Dr. L. J. Cooke,
Headmaster of
Camp Arrow-
head.*



*Herb Joesting,
famous All-
American full-
back will be at
camp.*

Every possible advantage will be given your boy. As a proof of this fact let us tell you some of the people who are to be instructors and counsellors at "Camp Arrowhead." To start off with a bang, Dr. L. J. Cooke is to be the headmaster of the "Camp." Dr. Cooke as you all know is eminent as a leader in physical education, athletics and hygiene. Although he is a graduate of the University of Vermont, he has been, for 32 years, a member of the athletic department staff of the University and has established an enviable record at Minnesota, being acknowledged the "Father of Athletics." In his time he has introduced and coached nearly every sport—basketball, baseball, boxing, wrestling, gymnastics and swimming. Dr. Cooke has been in boys' camp work before, having personally conducted a successful camp on Lake Champlain in Vermont.

Next on the personnel list we have Emil W. Iverson, instructor and coach of winter sports at the University of Minnesota. Emil, needless to say, has been Minnesota's hockey coach since the season of 1923-24 and during that period of time he has made a real hockey team here. Mr. Iverson is one of the pioneers in Northern Minnesota outdoor activities, one of America's greatest authorities on winter sports, hockey and cross country. Through his association with sportsmen's organizations in Chicago and



*Emil Iverson,
Minnesota's noted
hockey coach is
one of the camp's
coaches.*



Many boys will be delighted with the Archery lessons they receive from Wm. Feeny, skilled Archery enthusiast.

*Kay Iverson,
Emil's brother
from Marquette,
will help coach
boys at Camp
Arrowhead.*



Detroit, he has handled thousands of boys. Canoe trips for boys have long been a feature of Iverson Outdoor Life, Inc., of which organization he is the head. Mr. Iverson is to direct Camp Arrowhead outdoor sports in the summer and all winter activities.

"Breathes there a man . . ." who has never heard the name of "Herb" Joesting (Ex '30Ag), the captain of the "Thundering Herd" of 1927, and for two

years the unanimous selection as All-American fullback? If such a one lives let him learn of Minnesota's own "Herb," who was for three years an outstanding player on the football gridiron, as a man who is on the way to as high recognition in boys' camp work as he received on the football field. Mr. Joesting is much interested in the development of boys and is eminently qualified to direct boys' camp activities. His experience as a forester and his general knowledge of the outdoors qualifies him for all phases of youth education.

On glancing further through the personnel of the "camp" we find the name of Einar Jystad, a veteran yachtsman from Norway, who is to have under his personal supervision sailboating, speedboating, and the associated water sports. In addition to his yachting experience, Mr. Jystad is a skier of note, having represented Norway in the Olympic games when that country gained the title in this popular winter sport. He will direct skiing activities at the winter camp. Kay W. Iverson, director of intramural athletics and hockey coach at Marquette University, is to be in charge of the physical development program at "Camp Arrowhead for Boys." Lloyd Boyce, the assistant swimming coach at the University of Minnesota, and producer of championship high school swimming teams, is to instruct the boys in swimming and life saving. William S. Feeney ('31Ag) is to be camp instructor in archery, which is to be offered because of its close connection with Indian life.

Our enthusiasm about the unusual opportunities given the boys at the camp through the exceptional personnel have led us to forget the ideal location of the summer camp for your boy. But better late than never!

Camp Arrowhead for boys is situated on a high promontory overlooking Lake Vermilion and is one of the most beautiful of Northwoods camps. Lofty pines tower over the property and it is entirely enclosed in a vast birch forest.

A modern log lodge and dining room, equipped with a sanitary kitchen, is the center of the camp plan. The cabins in which the boys are housed front the lake shore at average distances. There is a clean sand beach, with docks and diving equipment. A thriving Indian village is situated a short distance from the camp. The camp proper, in fact, is built on the site of an old Indian encampment. Signs of the Red Men are prolific.

Situated as it is at the southern entrance to the Superior National Forest on Lake Vermilion, Camp Arrowhead for Boys is fortunate in being able to start its canoe trips right from its own main dock. Along the canoe route moose and deer are seen in great numbers. Opportunities for wild animal pictures are presented which will enable the boys to secure excellent photographs. With the "camp" photographer along, results with the kodak are assured. Occasional bear, lynx, otter, beaver and fisher are seen along the canoe trail. The canoe now, as it was a hundred years ago, is the only means of summer travel in the great wilderness of the Little Indian Sioux River, Loon Lake and Lac La Croix. On this trail also are found In-

dian paintings on the sides of huge rock cliffs, which tower upwards hundreds of feet out of the water.

If you are the least bit uncertain or credulous about this "too good to be

true" summer hide-a-way, bundle up the family and take a trip to Camp Arrowhead and we are sure that you will be convinced, even as we were convinced, that it is absolutely ideal for all boys.

★ Tuition Raise Probable to Meet Grave Deficiency

INCREASES in tuition fees after July 1 are likely according to a statement read by President L. D. Coffman at the Board of Regents' meeting last week. The document also contained the statement that the total amount allowed for the University for the next biennium is \$30,000 less per year than what is now received.

Ways and means of raising the needed \$30,000, and an additional \$270,000 to make up a fund of \$300,000, which the administration had expected the legislature to appropriate, so that needed increases in the salaries of the instructional staff might be made, are also discussed. President Coffman's statement is of vital importance and carefully explained the condition the University of Minnesota now finds herself in. Portions are published herewith:

The legislature has adjourned. The appropriations for the University of Minnesota for the next biennium have been made. It is now necessary that we take an inventory of the situation and determine upon the general policies which we should follow during the current biennium.

It will be recalled that the Regents of the University asked the legislature to make appropriations for the University for each year of the biennium as follows:

For Maintenance	\$3,550,062
Grand Rapids	30,000
Hospital (State Share)	150,000
Buildings and Land	300,000

This request was based upon the most careful, thorough-going analysis of the University's situation and needs that ever has been made. The request was published in pamphlet form, mailed to every newspaper, to every member of the legislature, to the members of the State Commission of Administration and Finance, to other public officers, to a selected group of the alumni, and to a number of other persons in the state.

The State Commission of Administration and Finance made the following recommendation to the legislature:

For Maintenance	\$3,200,000
Grand Rapids	20,000
Hospital (State Share)	100,000
Buildings and Land	None

The recommendations of the State Commission of Administration and Finance carried no appropriations for buildings and land and no increase in the state's share of the cost of providing for indigent patients (one-half of the cost of providing for indigent patients is borne by the counties that send them to the hospital).

The Senate Committee on Finance voted to grant the entire amount requested by the Regents of the University. The House Committee on Appropriations voted to grant \$3,100,000 for maintenance (including \$100,000 for the hospital) and \$300,000 a year for ten years for buildings. The conference committee representing the two houses finally agreed to grant \$3,300,000 for support including Grand Rapids, \$150,000 for the hospital, and \$300,000 a year for ten years for buildings. The bill was passed in this form. Along with the appropriation for state aid to schools the appropriations for support for the University were vetoed by the Governor. On the closing night of the session a new bill was passed, granting the University \$3,225,000 a year for support (including \$45,000 for Grand Rapids) plus \$150,000 for the hospital. The University has been allotted \$15,000 for years for the support of the Grand Rapids Experiment Station. The new appropriation act grants \$45,000 a year to the school. This includes the \$15,000 item

hitherto allotted and is \$5,000 more than both the school and station have been receiving this year.

During the present year the University receives from the state \$3,325,000 for general maintenance and the hospital and \$25,000 additional for Grand Rapids, or a total of \$3,350,000. Of this, however, \$100,000 is for the hospital, thus leaving \$3,250,000 for the actual maintenance of all of the agencies and activities of the institution aside from the hospital.

It will be observed that excluding the Grand Rapids School, the appropriations just made by the legislature fall short of the actual amount which we are now receiving from the state this year by \$30,000. This is the first time in years that less money has been granted to the University for its maintenance and operation than it has been receiving.

The University will have during the biennium more money than heretofore from state sources to care for the indigent patients who are sent to the hospital, additional money for new buildings, but no additional money for the improvement and development of its teaching and research.

The Regents of the University clearly face the problem of determining what policy the University shall pursue during the next biennium. The first thing, of course, which must be done is to charge off the \$30,000 loss which represents the difference between what the University is now receiving from the state and what it will receive from the state next year. That \$30,000, so it seems to me, should be charged against the Regents' Reserve.

It will be recalled that the Regents set up a Reserve of \$100,000 nine years ago. This represents about 1-100 of the total budget of the University.

While the sum of \$100,000 seems large, it nevertheless is small when compared with the total University budget and when considered in relation to the wide variety of demands made upon the Regents and upon the administration for services, materials, equipment, and activities whose needs cannot be foreseen at the time the annual budget is prepared. For example, during the current year no one could have foretold that a storm would destroy a part of the property at Zumbra Heights, or that opportunities to bring certain distinguished lecturers of the campus would arise, or that additional funds would be needed to bring certain important researches to a conclusion, or that new situations would arise demanding new researches of immediate and of great value to large groups of citizens, or that new types of equipment of great value to the University would be invented.

An analysis of the uses of which this Reserve has been put would show that it has been used for all sorts of miscellaneous purposes at the schools and stations and at the University in general which would in any way contribute to the successful operation of the University and improve its service to the students and to the state. To reduce this Reserve by any considerable amount will limit the functions of the University, make it less possible for it to take care of emergency situations as they arise, and in a multitude of ways lessen the kinds and quality of service which the institution may give.

It undoubtedly is poor administrative policy for an educational institution to advance the members of its staff only when they receive offers to go to other institutions of learning. This not only is disconcerting; it is demoralizing in its effect. A wise institution will undertake to discover those persons of talent on the staff and to advance them as rapidly as possible. If men understand that they are to receive this kind of consideration at the hands of the administration of the University, they will be less disposed to view with approval offers to go to other institutions of learning.

Minnesotans You Should Know:



George H. Bierman ('18E; '19G) says that at the University he learned to think logically, and to express himself easily, and believes that the true spirit of Minnesota is shown in the support given and the rapid manner in which the Memorial Stadium was paid for and built. Since leaving the University he has been employed by the General Electric Company at Cleveland, Ohio. He is now technical assistant superintendent of the process shops at the White Motor Company in Cleveland. While he was at the University Mr. Bierman was a member of Gray Friars, and in athletics he won his "M" in both track and football. Mr. Bierman's career is a good example of the "After-life of Football Men"!



Puffed wheat is the result of the experiments of *Alexander P. Anderson* ('04; '95G). After post-graduate work here, Mr. Anderson went to the University of Munich, Germany, where he received his Ph.D. in 1897. Before retiring to "Towerview" at Red Wing, Minnesota, where he is still experimenting privately, he held a position as botanist and bacteriologist at Clemson College, South Carolina. While acting as curator of Herbarium at Columbia, he made the discovery in starch and cereal grains, a study which has occupied all his time since. Mr. Anderson is another man of great success that has become successful through his own efforts entirely, having worked his way through the University by peddling papers.



Kendrick Charles Babcock ('89) spent the first five years after his graduation at Minnesota as an alumni fellow and instructor. In 1894 he went to Harvard University where he spent two important years as a scholar and a fellow in history, writing a thesis on Scandinavian immigration to the United States, and receiving the degrees A.M. and Ph.D. The years following were spent in teaching, writing, publishing, lecturing, travel and administrative work. He was a member of the faculty of the University of California for seven years, president of the University of Arizona for seven years, specialist in Higher Education on the U. S. Bureau of Education for a couple years and since 1913 has been Dean of the College of S. L. A. at the University of Illinois.

How Deficiency in Appropriation Will Be Met

The practical question, therefore, is, what can the University do to meet this situation? There is only one thing to do and that is to take money which it has been using for other purposes and use it to provide for the continued improvement and development of the teaching force. That does not mean that there should be general flat increase for the entire staff but it does mean that wherever there is reason for believing that members of the staff are thoroughly deserving, an effort should be made to provide more adequately for them.

It is my opinion therefore that the University should use for the staff the sums referred to in the following paragraphs.

1. The Home Site item, \$18,000. This is an item which is being used for the improvement of the tract of land lying between the main campus and the farm campus.
2. Reduce the item for unfilled positions from \$35,000 to \$20,000, thus releasing \$15,000.
3. Eliminate entirely the special book fund item of \$20,000. This is an item which has been in the budget for several years for the purchase of special sets of books for the University library.
4. Eliminate the item of special equipment of \$30,000. This money has been used from time to time to supplement the University's Reserve in the purchase of highly important specialized equipment for the various laboratories of the University.
5. Reduce the item of campus improvements by leaving \$20,000 in the item.

The above items total \$109,000. It is my opinion that this money should be used to prevent losses from the staff and to improve the general situation throughout the University.

There are two other sources from which

we may expect some increase in revenue. One is student fees due to a possible increase in students and the other is the mill tax.

Should there be an increase in students certainly a part if not all of the money derived from them will be needed to provide for their instruction. Should any money be available from either or both of these sources, it should be used to help pay for an additional boiler the University should have this next year. It is difficult to tell just now exactly what this boiler will cost; probably \$40,000. There was in the budget this year \$15,000 for a new heating stack. The increase in revenue from the fees and from the mill tax in case there be any, together with this \$15,000, should be used for

the installation of this new boiler and in case the increase in receipts from these two sources when added to the \$15,000 is sufficient to make the \$40,000 necessary for the purchase and installation of the boiler, then the deficit must be made up out of the University's Reserve.

It will be observed, however, that the total sum which we can make available from these sources lack about \$200,000 of equalling the sum which the Regents had desired for the improvement of the staff. It seems perfectly clear that the only way that this additional sum can be provided will be by increases in student fees. An equitable readjustment of fees probably cannot be worked out in time to be effective July 1, 1929. Unless this can be done the University cannot maintain the standards which the Regents' statement to the legislature declared to be essential, and unless the Regents desire to continue to operate during the second year of the biennium upon a lower basis of efficiency than they submitted to the legislature, a study of the question of fees should be undertaken as soon as possible.

An increasing share of the cost of maintaining the University has now for a number of years been falling upon the students. The Regents have always been reluctant to increase fees, but apparently there is no other way of securing the funds they know to be necessary for the adequate support of the University. In view of the present circumstances it would certainly seem as if the students and their parents must be asked to assume a still heavier burden of the cost of maintaining the University even though nearly two-thirds of the men and two-fifths of the women students are partially or wholly self-supporting.

Join in the Fun June 17



Minnesotans

In the Days News



New Honors for West

LEVON F. WEST (Ex. '21) was appointed by the American Federation of Arts to serve on the jury of selection for the purpose of assembling a collection of American prints to be exhibited at the Victoria and Albert Museum in London in the summer of 1929. This was a fitting appreciation of a young artist whose career has been termed sensationally rapid by art connoisseurs, for it was only a few years ago that Mr. West made his debut as an etcher, having worked previously at oils and illustrating, says the current *National Magazine*.

"The work of Levon West never seems to grow wearisome—it has the spontaneity of youth and reflects the sincerity of an artistic soul in getting right at the heart of his subject through the medium of the cold steel point on the glowing copper. After this is done, his real work begins, for he stands at the etching press, hour after hour, with ink-smearred hands and smock, keeping everlastingly at it, until he gets precisely those values in the lines and shades with which he produces definite effect. He narrows his eyes and focuses on the print the real picture that was in his mind when his steady hand and trained technique began the creation of a new etching.

"In March Etcher West attended the inauguration of President Hoover. The rainy day and artistic setting of that memorable March day event impressed him very much and inspired a series of etchings having to do with Washington and the prominent men of the country for a forthcoming exhibition."

Alumni Would Be Politicians

THOSE who read the local newspapers know that the political situation in Minneapolis is anything but tranquil. Notwithstanding this fact several alumni are filing for offices for election or reelection this summer. Among the candidates who are vying with Mayor George Leach (Ex. '99) for his job we find W. F. Kunze ('97), chairman of the city's board of public welfare; John R. Coon ('11L); and Dr. A. N. Bessessen, who has two sons who are alumni. A. B. Fruen ('08E, '09), will make the race for reelection as alderman from the fourth ward. He is also on our Alumni Ass'n board of directors. Fred B. Wright, Jr. (Ex. '12L), judge of Municipal court will run unopposed, while Levi M. Hall (Ex. '13), of Conciliation Court, has but one opponent. Archie D. Walker (Ex. '05E) is a candidate to succeed himself on the Library board for a two-year term. Mrs. H. D. Kilgore (nee Helen Koenig, '01, '02G), will have several candidates opposed to her.

No Questionnaire

When Solomon said "In the multitude of counsellors there is safety" he was not thinking of questionnaires.



"Levon West (Ex. '24), noted New York etcher, was photographed sitting on the steps of the capitol at Washington, D. C., making preliminary sketches for a new series of etching of our national capitol.

Alumni Books

That We Have Read



"Batting .300 in College," by Charles W. Hill ('05), is the title of an article in the book "A Manual on How to Study" by Riverda Harding and published by the National Council of Phi Gamma Delta fraternity at Washington. This is the first time that a college fraternity has seriously and scientifically attacked the problem of scholarship and how to study among its undergraduates.

Alumnus Hill's article is complete with diagrams and illustrations. Not only does he tell how to study most effectively in college, but he also tells the undergraduate how best to plan his day so that he may derive a maximum of activity, energy and happiness from his waking hours.

The book was published privately by the fraternity and is bound in the royal purple of the order. It is a significant attempt on the part of a college fraternity to supplement the work of the college itself.

Sparks

From the Collegiate Campus



How to Make Love

University courses on "the art of love making" promise the quickest and best methods of liberating women in this country, who will have no freedom until they have equality in all matters of sex and marriage.

This is the belief of Judge Lindsey, former Denver juvenile court magistrate for 25 years, who spent a recent week-end in Minneapolis, explaining the fundamentals of companionate marriage, which he originated and which he advocates as the ideal arrangement for people contemplating marriage.

The majority of universities have no adequate course on such a subject, and he believes that the teaching of "the art of love making" by competent physicians would help to do away with much of the trouble that ends up in the divorce courts. Only one college in the United States has ever had a complete course on the subject, and that is Antioch in Ohio.

The school still receives letters from former students telling of the good they received from the course of instruction. Judge Lindsey is endeavoring to introduce this, and next year he plans to visit the universities throughout the country, including the University of Minnesota, to deliver his addresses.

U. Student Holds 12 Clubs and Ace

Two chances that come "once in several million" combined to help Harry Schoening make a grand slam at bridge. He held 12 clubs, having the ace of diamonds in place of the deuce. The game was played at the Delta Upsilon house.

The first chance in several million came when he was dealt the almost perfect hand. Experts have estimated that it is only in about one out of every three or four million that a perfect hand is dealt.

The second chance in several million came when the opponent on his left led diamonds, and the other opponent followed suit. If the second had not had a diamond, but had held the missing club, only a little slam would have been recorded.

Dog Eats Sorority Meat

Taking his cue from funny paper gendarmes, Fritz, a police dog, when refused a meal from a cook on his "beat," stole it. Because of that, veterinary and meat bills were exchanged by two medical fraternities.

Fritz, owned by Phi Rho Sigma, 317 Union street southeast, was patrolling his district avidly last Sunday afternoon when he smelled pot roast. He traced it to the Phi Beta Pi house, a few doors away. The roast was out on the back porch.

The cook must have been very busy, for she failed to notice the advent of the canine cop. The hungry Fritz proceeded to gulp down the roast, and was leaving when the cook saw him.

So because Phi Beta Pi went hungry, Phi Rho Sigma received a bill for \$2 yesterday. The Phi Rho Sigmas, on their part, claim that they suffered mental anguish and the dog suffered intense physical pain from the roast. And Phi Beta Pi received a bill for a similar amount from a veterinarian.

Hose Drives Away Peepers

Inspectors visiting Sanford hall found hose reels poorly wound and suggested that they be put in better condition for an emergency.

"Oh," said the housemother who was taking them through the house, "there is a reason for the way they look."

"We are sometimes bothered by men staring at the windows of the girls' rooms, and when this happens, the women turn on the fire hose and drive the peepers away."

Gopher Sports

By Fred Fadell



THE Orient and Minnesota had a taste of each others wares in a practice baseball game played between Coach "Dutch" Bergman's Gophers and the touring Meiji university club on Northrop field Saturday, May 4. The tilt resulted in a 5-3 win for Minnesota.

The Japanese nine stopped off at Minneapolis at the invitation of Coach Bergman to a game on Old Northrop as a limbering up exercise after the team's ride from the Pacific coast en route to Ann Arbor for a game with the Wolverine squad.

Ralph Carlhom, Cakota, pitched effectively for the first few innings, but the Japanese nine soon connected with several of his slants to turn in three runs. After this trio of runs were chalked up, Carlhom made a great stand at the until relieved by Clarence Asall, Badger, who allowed only one hit to the visitors.

Miñeo Nakamura pitched for Meiji but was forced out of the box by the Gopher sluggers soon after the opening of the game.

Tennis Men Beat Northwestern

Coach Phil Brain's racquet wielders scored a decisive 6 to 1 Big Ten victory over the Northwestern tennis team on the University courts last Saturday, May 4, by winning all five single matches and splitting the two doubles. The contest marked the first conference matches for the Gophers this season.

The star of the afternoon was Stuart Cornell of Minneapolis who took the measure of Reill, hard fighting Wildcat leader, after losing the first set 6-0 and rallying to upset his opponent with 7-5 following by a quick 6-1 set.

Jim Young, Minneapolis, and Cornell were teamed in the first doubles match and scored a win over the Northwestern pair, Reill and Berghern, only after a long third set which was lenthened to a 12-10 count before Reill and Bergman were forced to bow in defeat. The first two sets resulted in 6-3 and 4-6.

Ray Morgan, Jim Young, and Henry Yutz, Minneapolis; and Paul Wolff, Sheldon, Iowa accounted for the four other singles victories in easy matches.

The remaining matches of the Gopher Schedule follow:

May 11—Michigan at Ann Arbor.

May 13—Wisconsin at Madison.

May 18—Iowa at Minneapolis.

Tracksters Lose to Badgers

Minnesota's track team suffered a 75- $\frac{1}{2}$ to 59- $\frac{3}{4}$ defeat at the hands of Wisconsin May 4, at Madison in its first conference dual meet of the season, despite the fact that the Gophers captured eight of the fifteen first over the Badgers.

Wisconsin scored a grand slam in the 100-yard dash by capturing all places to garner sufficient points to tuck a victory under the Cardinal colors. In the 120-yard high hurdles, George Otterness ran second to Ziese of Wisconsin, although the Gopher athlete was doped to turn in a first in this event.

Otterness accounted for the most unusual happening of the meet by copping

first in the javelin throw—an event in which he participated for the first time. Lack of javelin throwers spurred Coach Finger to run the Willmar star through a few practices before the meet in case the available Gopher for this even did not give indications of gaining points.

In his first conference throw, Otterness made 165 feet, 11 inches. Soon afterwards he entered with the pole-vaulters and emerged with a tie for first at 12 feet 6 inches with his team-mate, Elton Hess. Otterness also took honors as high-point man of the afternoon sharing honors with Moe, Wisconsin with a total of 13- $\frac{1}{2}$ of his team's counters.

Captain Ted Catlin, Buffalo, won first in the broad-jump with a leap of 22 feet 2- $\frac{1}{2}$ inches and was backed by a few points by Hess who captured second place. The Gopher captain ran away with first in the 440-yard dash, keeping ahead of Davidson, Badger star, and finishing strong against a head-wind. Davidson was forced out of the race 40 yards from the finish because of the strenuous pace set by the winner.

Art Weiseger, negro half-miler, took an early lead in his event and finished ahead of the Wisconsin field with ease. Weiseger has been showing a steady development throughout the season and may be counted upon to win many more races before the present season comes to an end.

The Regents

Debated and Passed



Three Much Admired Professors Are Retiring This Spring

Gisle J. Bothne, Thomas George Lee, and Henry J. Fletcher, all University professors for over 20 years, handed in their resignations to the Board of Regents last week, to be effective June 30.

Professor Bothne, head of the department of Scandinavian, came to the University in 1890. He has achieved an international reputation since that time, and is recognized as a leading authority in his field.

Professor Lee has been at the University since 1892, and has served as head of the departments of anatomy, history, and embryology. Professor Fletcher came to the University Law school in 1900 and was recently honored at the annual Law banquet.

Possibilities that employees of the University below the rank of teachers would be included in the state employees' retirement fund were expressed at the meeting. According to the bill, professors, deans, and teachers are excluded. A ruling of the attorney general will be asked on the question.

Action of the court in the recent dormitory case, was discussed, but no action taken. If the case is not appealed, bids for the dormitory will probably be let at the next meeting of the regents.

Bids on the stage and wings of the Memorial auditorium will be called for as a result of the regents' action, and the building will be ready for use by next fall. All of the outside work will not be completed, but the stage and auditorium can be used at that time.

Coming Events

Cast Their Shadows



With the selection of the Leamington hotel as the site for the All-Education Banquet, May 22 and the appointment of the various committees for the management of the affair, plans are well under way to make the 1929 banquet a success.

Invitations have been extended to alumni educators and superintendents over the Northwest, and a large number are expected to attend.

Gutzon Borglum, Noted Sculptor, Will Come This Summer

Six world famous artists will come here for a series of lectures and demonstrations this summer. These men are Gutzon Borglum, Lorado Taft, A. Stirling Calder, in the field of sculpture; John Norton in painting, and Alfred M. Brooks, lecturer in the history of fine arts.

Mr. Brooks will offer regular courses including "Topics in the History of Art" and "History of the Fine Arts." Mr. Taft, Mr. Borglum, Mr. Calder, and Mr. Norton will each spend part of the sessions at Minnesota giving lectures and demonstrations in their respective fields.

In addition to the visiting teachers and lecturers regular members of the staff who will teach include Prof. F. M. Mann, head of the School of Architecture; Prof. S. Chatwood Burton, etcher, sculptor, and painter; Miss Harriet Goldstein of the home economics department; L. M. Hanley, E. Harmes, and J. Lutz of the department of art education, and Miss Elsie Ober, who will offer courses in bookbinding and allied subjects.

Courses supplementary to actual art study will be given by Prof. O. W. Firkins in comparative literature; Prof. C. A. Savage, greek sculpture; E. H. Sirich, survey of romance literature; F. M. Rarig, theory of reading and acting, and David F. Swenson, esthetics. A course in general psychology will also be included.

The complete plans for the art courses has just been released by Harlow C. Richardson, associate director of summer sessions.

Dr. Jenks to Go on Second Mimbres Valley Expedition

Dr. Albert E. Jenks, head of the department of anthropology, will lead his second archeological expedition to the Southwest this summer, it was announced last week.

At a meeting of the Board of Regents and later of Minneapolis business men a definite sum of money was underwritten for a period of five years to carry on work in the field of archeology under the direction of Dr. Jenks.

This year the University of Minnesota and the Minneapolis Institute of Arts will be co-operating beneficiaries.

The expedition last year was sent by the Institute of Arts and led by Dr. Jenks who had in his personnel University students and alumni.

The University News Budget

The Week on the Campus



Rooming House Owners Solicit Aid to Carry on Fight

At a meeting held at Simm's Hardware store Tuesday, May 7, the taxpayers' association of southeast Minneapolis voted to carry its fight against the university's proposed men's dormitories to the Supreme Court. Students, lured by the rumor that a move was to be launched to eject two administrative officials, attempted to attend the meeting, but were denied entrance, says the *Daily*.

Complete denial that the meeting had any other purpose than to raise funds to appeal the dormitory case was made by Edward Fanning, chairman of the meeting, and by William Simms. Although they admitted that a committee selected from their organization would probably appear before the interim commission named by the legislature to investigate the University, they said that all of their recommendations would be of a constructive nature and that no officials would be attacked by them.

Practical Supplants Classical in Life Today

Increasing emphasis on the practical side of life and a more industrial and materialistic society were given by Mr. Charles A. Savage, of the Greek department of the University of Minnesota, as the reasons for the decreasing interest in the classics that is found among the students.

This decreasing idealism in education is accompanied by a marked increase in enrollment in specialized, commercial, and scientific courses. Several years ago, of the students attending the University of Minnesota, a good proportion registered for the classical courses, as compared with the 50 students in the Greek department now. Formerly the classics were considered to be an advantage to everyone without regard to later occupation.

Engineers Hold Annual Engineers' Day Parade

Horses, wheels, and feet carried the participants in the annual parade held on Engineers' day, May 10. Lester Rowell as St. Pat and Margaret Bradbury, his queen, rode horses. The fire and police departments headed the parade.

In advance of the parade was a fire engine followed by members of the police force on motorcycles. The University band was next in the line of march. These various factions were necessary to bring forth the noise loving public to see St. Pat and his queen who followed next on horses.

Fraternities Pass Buck In Early Party Hours

Neither consenting to, nor refusing the request of W. S. G. A. to end fraternity parties earlier, the Inter-Fraternity council, declared last week that they preferred to leave the matter to the individual houses.

Discussion as the letter was read at the meeting seemed to favor leaving the matter rest as it now stands. Many of the members felt that they would not interfere with the rules of other houses.

A motion to settle the matter was made and accepted. It read "Insofar as it is the usual contract with campus orchestras to play at fraternity informal parties embraces the hours of 10 p. m. to 1 a. m., it is the feeling of this council that girls living on campus may be at their respective houses by 1 a. m. or shortly after. Other girls could reach their homes a little later. We would not directly favor interfering with the fraternity parties by placing on them time limitations, and we feel it is a matter of individual house character."

Charles Chute, Early Minnesota Student, Dies

One of the first students enrolled at the University of Minnesota, Charles R. Chute, died Monday, May 6, at Santa Barbara, California.

The alumni register lists him as a member of the class which attended the sub-collegiate school at its opening in 1867 before the first college classes were held at the institution.

Although the University was established by an act of the legislature which endowed the institution with the proceeds to be gained from the sale of certain lands, the first classes were not held until 1867 in the preparatory school and in 1869 in the college division. Two men were graduated in the class of 1873, both now dead.

Special Nurses Course to Be Offered by Summer Session

Co-operating with the School of Nursing, the department of preventative medicine and public health has completed special plans for a course of study during the summer session. Three visiting instructors from New York, Virginia, and Illinois have been scheduled for a course of lectures ranging from the short session of two weeks' duration, to the six-week term.

Registration is scheduled for June 18, Blanche Pfefferkorn, of New York City, executive secretary of the National League of Nursing Education, will give a five-credit course in Administration and Supervision in Schools of Nursing. Superintendent of the visiting nurse association, E. L. Foley, of Chicago, Ill., will teach a class in organization and supervision in public health nursing. Robins Kneebone, of Richmond, Virginia, will also conduct a class during the summer session.

Qualifications for registration specify that registered nurses having university matriculation requirements and approved profession experience may register for courses and receive credit. Registered nurses who cannot meet university requirements may enroll as unclassified

Personalia

1873



1929

Ex. '73—We have been informed of the death of Mrs. Georgia F. Blake, who had she continued her University career, would have been one of the first graduates. Her daughter Francis E. Blake ('11Ed) very kindly stopped in the office to tell us this news. She also said that her mother often told of the time when the attempt was made to banish women from the campus and the governor addressed the girls who were fighting the issue. He said, "Stick to it, girls, stick to it!" Mrs. Blake's children are all University graduates. Robert P. Blake ('96 ME) and Henry B. Blake ('01EE). She also has a grandson, Stanley Bull, who is a graduate of the class of '27.

'96—John Dalrymple is on the board of governors of the Ice and Tennis club of Minneapolis. This club was organized about a year ago and since then it has made great strides.

'98L—We had a brief note from Washington Yale under the date of May 3, saying that George C. Emery ('19E), has announced the arrival of a seven pound girl, who has been named Judith Merrill Emery, for her mother. Mrs. Emery is a graduate of Smith College.

'01; '07G—Mrs. Amy Robbins Ware (Mrs. John Roland) died last Sunday, May 5, after an illness of only a week. Mrs. Ware gained national prominence in her work on international relations and through her service in France during the World war as a volunteer Red Cross nurse and instructor for the A. E. F. university. She was 51 years old. Her father was Andrew B. Robbins, a pioneer resident of Robbinsdale, for whom the village was named. She recently had added recognition in her work in international relations when she was appointed by Mrs. John Sipples of Baltimore, national president of the General Federation of Women's Club, as vice chairman of the federation's department on international relations. Mrs. Ware was a member of the Daughters of the American Revolution, the American Legion Auxiliary, the Business Woman's club and Phi Beta Phi sorority at the University of Minnesota. Joseph Chapman ('97L) was among the honorary pallbearers.

'08Md—We must acknowledge an error made in the March 23 issue. The statement was made that "Dr. Strachauer will devote his entire time" to the work of the Cancer Institute. This is incorrect. Dr. Strachauer is to continue his private practice of surgery at the Nicollet Clinic in Minneapolis and will limit his activities in the University Medical School to his work as surgeon-in-chief and director of the Cancer Institute on a part-time basis.

'10; '14G—Mrs. Anne Lane Savidge, head of the journalism department of Central high school, Omaha, Nebraska, has charge of several of the school publications and classes in news-writing. In September, 1924, Mrs. Savidge was appointed Dean of girls at North high school, in Minneapolis and in January, 1925, took charge of the journalism department. She continued this position un-

til January 1927 when she was married and moved to Omaha. In September, 1928, came her appointment to the position in the department of journalism in Central high school of that city.

'20B—Oscar L. Buhr has been made head of the investment trust of the Detroit Trust Company, the organization is to be known as the Selected Securities corporation. Mr. and Mrs. Buhr (Kathryn Webster, '16), have been living in Detroit for eight years.

'20; '21E—Three Minnesota engineering alumni are helping to build a new state college in western Texas. The Texas Technological College opened its doors in 1925. This year it boasts of an enrollment of over 2000 students and a physical plant worth three millions. G. L. Tuve went from the Minnesota faculty in 1926 to take charge of the Department of Mechanical Engineering. F. A. Kleinschmidt ('20E) went from Kansas State to the new school in 1928, to become head of the architectural department. W. F. Helwig ('23E) who last year took his Master's degree at the University of Texas, went from there to the new school as Assistant Professor of Electrical Engineering. The engineers are ably assisted by Helen Fox ('21) (Mrs. Tuve), and Natalie Smith ('17) (Mrs. Kleinschmidt). The surroundings consisting mainly of sandstorms, horned toads and cactus, are probably largely responsible for the rapid growth of the new institution.

'21—John B. Goodwin has resigned his position as business manager of St. Thomas College in St. Paul to become interested in the Publix Theatres, a nationwide organization. He is living in New York City.

'22; '24G—Stephen Foster Farling, who gained his Ph. D. at Harvard University, has been studying abroad in Vienna and has just accepted the headship of the chemistry department at Lawrence College, Appleton, Wis.

'23HE—Florence Sperry, formerly dietician at Midway hospital in St. Paul, has accepted a position with the Witts Market House of Minneapolis as dietician. She began her duties the first of March. The use of dieticians by commercial establishments other than food serving businesses is a comparatively recent trend. The position Miss Sperry holds was created four months ago and is a service rendered to schools, and other institutions purchasing foods wholesale, particularly meats.

'24—Amy Mooers is living in Detroit, Michigan. She was married in March, 1928, to Roger B. Williams of Easton, Massachusetts.

'24E—Joseph M. Juran is the new chief of the Inspection Results Division of the A. T. and T. Company of Chicago. He went to this company directly after his graduation from the University and his first assignment was the task of investigating shop and outside complaints. The next move brought him into a strategic position in the Inspection Statistical department. Two years later he won the position of acting department chief, and in January of this year he moved up another notch to the Quality Inspection department, and now another boost to the job of chief. He is also Hawthorne division's chess champion!

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Sixty Miles of Glacier National Park from Car Window

Dr. and Mrs. Lloyd Thurston (Lila Harvey, '25) are moving to Morgantown, West Virginia, where Dr. Thurston will teach at the University of West Virginia. Dr. Thurston has been a member of the faculty in the Dairy Division here for several years and received his Doctor's degree in June, '28.

Ex. '25—Elton K. Crowell is still selling Singer sewing machines in Minneapolis and is sales manager of the Franklin avenue shop.

'26—Robert E. Swanson expects to spend the summer, in Europe studying. He has been playing with the Minneapolis Symphony Orchestra for a number of years. He plays the bassoon.

'26Ed—"Les" Swanberg has been made city editor of the *Faribault Daily News* at Faribault, Minn.

'26HE—Marguerite E. DeCremer is temporarily situated in Detroit, Michigan. She is doing educational work for the Charles B. Knox Gelatine Company. She says that the work is very fascinating and that she enjoys it very much. As yet the only Minnesota alumnus that she has encountered is Amy Mooers (Mrs. Williams). When Miss DeCremer was in Chicago she met Lois Schenk who is writing for the Household department of the *Prairie Farmer*.

'27Ag—E. P. Duclos is employed as a salesman for the Edham Company, Inc., located at the Minnesota Transfer. They are manufacturers of colored cedar shingles. He has been transferred from Minnesota territory to Wisconsin and north-

ern Illinois and makes his headquarters in Milwaukee. He says that he certainly will miss his brother foresters at Minnesota and also his Tau Phi Delta associates, but he expects to hear as time passes of a greater forestry college here.

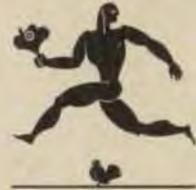
'27—A few weeks ago we read of the engagement of Helen K. Kimmey of Minneapolis to Carl G. Langland, also of Minneapolis. May 25 is to be the date of the wedding. Alpha Xi Delta sorority claims Miss Kimmey.

'28Ed—Dorothy Pockrandt is to be married to Jack Van Valkenberg (Ex. '27), in the fall according to an announcement of their engagement a few weeks ago. Miss Pockrandt is a member of Alpha Gamma Delta sorority and Mr. Van Valkenberg is a member of Phi Kappa Sigma fraternity.

'28E—June is to be the month of the marriage of George Thwing, Jr., of Rockport, Washington. The announcement of his engagement to Eloise Aileen Hazelton of Minneapolis was made a couple of weeks ago. Miss Hazelton is a graduate of Miss Woods' kindergarten school. Mr. Thwing is a member of Theta Tau fraternity of Minnesota.

'29M—Two graduates of this year's class are already on their way to hunt for tin somewhere in Africa. The two men are Wallace Fetzen and Willis J. McLean, both of Minneapolis. They have been engaged by the Societe Minere De La Tele, a Belgian company, with offices in Brussels, to go with an expedition into Ruanda Urundi, a large inland

tract of land adjoining Eastern Belgian Congo. The country is about 1,000 miles inland from Zanzibar. These two boys have a two-year contract with the Belgian firm. They are to supply their own clothing, the list of which quite mysteriously includes an iron bathtub, along with many pairs of shoes, mosquito boots, hats and numerous other articles. Good luck to Minnesotans in these wild parts!



A CALENDAR FOR THE BUSY MINNESOTAN

On the Campus

- May 13—Golf, Iowa vs. Minnesota at Minneapolis.
 May 13—Tennis, Wisconsin vs. Minnesota at Madison.
 May 16—Cap and Gown Day.
 May 17—W. A. A. Inter-house Swimming Meet.
 May 17, 18—Baseball, Indiana vs. Minnesota at Minneapolis.
 May 18—Track, Iowa vs. Minnesota at Iowa City.
 May 18—Tennis, Iowa vs. Minnesota at Minneapolis.
 May 22—Annual Field day celebration of the School of Business Administration.
 May 23—W. A. A. Spring Banquet.
 May 23, 24—Tennis, Conference meet at Ohio State University.
 May 24, 25—Track Conference at Evanston.
 May 24, 25—Baseball, Notre Dame vs. Minnesota at Minneapolis.
 May 27—Golf, Northwestern vs. Minnesota at Minneapolis.
 May 28, 29—Big Ten Golf Tournament at Interlachen Golf Club at Mirror Lake, Minn.

Down Town

- State Theatre, May 10-16—"Gentlemen of the Press."
 Lyric Theatre, May 10-16, "The Hole in the Wall," a mystery thriller.
 Metropolitan Theatre, May 12, 13, 14, 15—William Hodge in "Straight Through the Door."
 Orpheum Theatre, May 12-18—Sophie Tucker, vaudeville headliner and Buster Keaton on the screen in "Spite Marriage."
 Shubert, May 12-18, Second week, Florence Reed in "The Shanghai Gesture."
 Minnesota Theatre, May 11-17—"A Dangerous Woman" with Clive Brook and Baccanova on the screen. \$50,000 Style Show on the stage.
 "A Dangerous Woman," an all-talking drama and E. E. Atkinson and the Minnesota Theatre \$50,000 style revue in a specially produced stage unit, "The Fashion Parade," are the feature attractions on the Minnesota theatre program for the week starting Saturday, May 11.

Baccanova, Clive Brook and Nell Hamilton are featured in "A Dangerous Woman" which is adapted from the story, "The Woman Who Needed Killing." It is a tale of a strange, fascinating Russian woman married to an Englishman and living in an African jungle.

Gene Sheldon, The Minnesota's new Master of Ceremonies, and the Minnesota Srenaders present an elaborate style in "The Fashion Parade," which brings the latest Paris creations to Minneapolis in a stage show with one of the largest casts ever assembled at the Minnesota theatre. The cast includes: Karavneff, noted Russian dancer; Rosemary, late featured star of Zeigfeld Follies; Stanley House, a comedian; the Gibson Sisters, a dance team; Stewart Johnson, featured singer of the Minnesota Srenaders; the Foster Dancing Girls and a score of models presenting styles that take milady from boudoir to ballroom.

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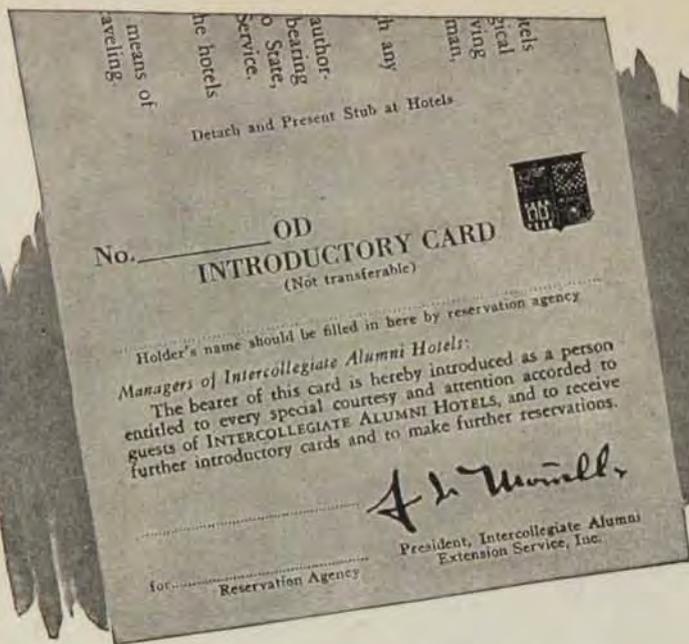
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| Bethlehem, Pa., Bethlehem | New York, N. Y., Warwick |
| Boothbay Harbor, Maine | New York, N. Y., Westbury |
| Sprucewold Lodge (summer only) | Oakland, Cal., Oakland |
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| Chicago, Ill., Blackstone | Pittsburgh, Pa., Schenley |
| Chicago, Ill., Windermere | Providence, R. I. |
| Cleveland, O., Allerton House | Providence-Biltmore |
| Columbus, O., Neil House | Rochester, N. Y., Powers |
| Detroit, Mich., Book-Cadillac | Sacramento, Cal., Sacramento |
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| Fresno, Cal., Californian | San Francisco, Cal., Palace |
| Greenfield, Mass., Weldon | Scranton, Pa., Jermyn |
| Jacksonville, Fla. | Seattle, Wash., Olympic |
| George Washington | Spokane, Wash., Dessert |
| Kansas City, Mo., Muehlebach | Syracuse, N. Y., Syracuse |
| Lexington, Ky., Phoenix | Toronto, King Edward |
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THE EDITOR'S INQUEST



When shooting to the sixth hole, you must conquer this beautiful water hole.

About Golfing, Retiring Professors

University Golf Course Popular Retiring Professors Lauded

THE sport of golfing is the great American game. It is the game that many men and women indulge in and are able to enjoy.

So popular has golf become that today youngsters, instead of going to the corner lot with mit, glove, baseball and bat, are seen hiking out to the nearest golf club with shiny white ball and golf club.

Golf has come to stay, as *the* American game.

Because of these facts, it is, therefore, only proper that the athletic department of the University of Minnesota, with its slogan of "athletics for everyone," should have a golf course on which its students, faculty and alumni may enjoy their game of golf.

The University course is known as the University of Minnesota recreation field and includes also picnic grounds, and will eventually, when completely developed, provide practice baseball diamonds for intramural games, tennis courts, handball courts, and general playing fields. Last winter the field was extensively used for tobogganing, ice skating, skiing and snowshoeing.

The course now includes nine holes, but an additional nine is being developed. The old clubhouse, on the grounds when the University purchased the field, has been remodeled and improved. As the course is developed a new clubhouse will be built in what was formerly known as "Gopher Grove," across Larpenteur avenue where hole number one is now being built on the new nine hole course. This is near the intercampus carline and will be convenient for students who wish to trolley to the field. The course is about three miles from the main campus and less than one-half mile from the farm campus, and includes a total of 140 acres.

Pulitzer and Burton Differ

WHEN someone predicted last week that the last had not been heard of the Burton-Sinclair-Pulitzer prize award controversy, the truth was told. For now it has been announced that "Scarlet Sister Mary" and not "Victim and Victor" (as previously announced) has been awarded the Pulitzer Prize.

The *Daily* remarked significantly as follows, under an editorial caption headed, "Pulitzer and Burton Differ":

PULITZER AND BURTON DIFFER

"Scarlet Sister Mary" is the victor over "Victim and Victor" while Victor is the victim of the eminent author, poet, critic, novelist, lecturer, and correspondence school professor, Richard Burton.

When the aforesaid Mr. Burton made his annual, and perhaps his last appearance at the University he told us that he had taken Oliver's "Victim and Victor" from out of the shelves of the religious books and was going to make a Pulitzer award of it.

Mr. Burton found out, however, that Minneapolis is not as far from New York as he suspected, and his fellow judges as well as the country at large found out that he had committed a gross breach of confidence. His complete lack of the ethics of his position soon received official cognizance.

Evidently a new election was held. Whatever happened people may only guess but the awards announced named Julia Peterkin's "Scarlet Sister Mary" as the Pulitzer prize novel for 1928. People may be able to speculate even further if Richard Burton is replaced by a new judge in selecting the awards next year.—F. B.

IT is an outstanding event when three faculty members with long years of service back of them retire. It is a signal occasion that should be noted by alumni who have been taught by men of such inspiration and purpose.

Professor Lee of the Medical School, Professor Fletcher of the Law School, and Professor Gisle Bothne, of the Norwegian Language department, are the three who will retire at the end of this school year.

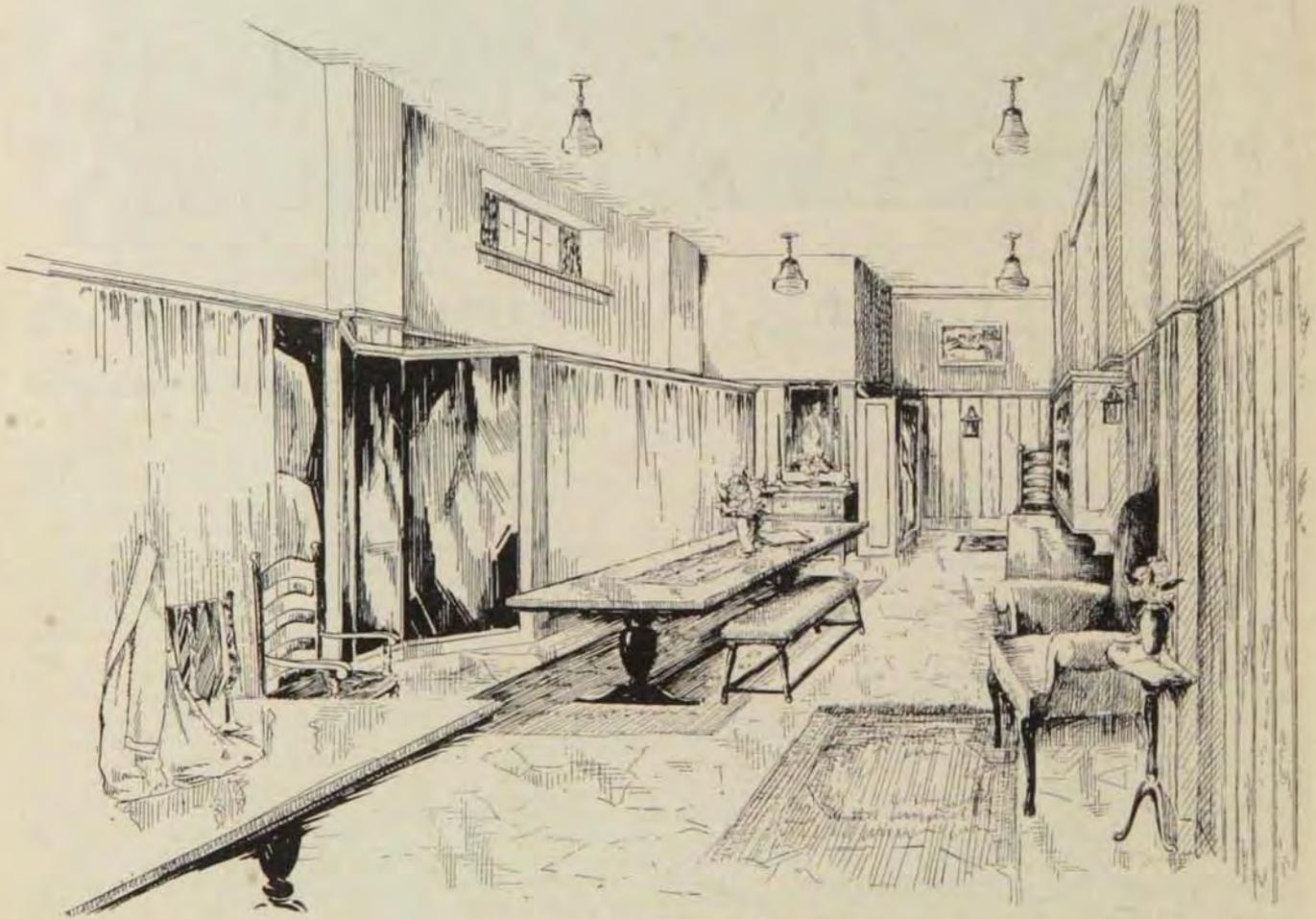
To the glowing tribute written by the *Daily* we would also add, and we would suggest that alumni, who know these men, write to them and congratulate them on their years of excellent service:

Professor Lee has been at Minnesota since 1892, Professor Fletcher since 1900, and Professor Bothne came here in 1907. Typical of the exceptional records of service made by these men is that of Professor Bothne, who has been teaching for forty-eight years. In that time he has come to enjoy an international reputation in the field of Norwegian scholasticism; he has been honored repeatedly by the King of Norway; and besides the work he has done as a pedagogue, he has been an untiring worker in cultural and patriotic activities among his countrymen. Professor Lee's record of over thirty years' service as head, successively, of the departments of anatomy, histology and embryology, is one of exceptional brilliance. Dr. Fletcher, prominent in the law school faculty for more than a quarter century, has won wide renown and was signally honored recently at the annual law school banquet.

The retirement of three professors after nearly a half century in the teaching profession is a noteworthy event. The University of Minnesota recognizes the outstanding service of these men during their long careers of faithful performance. More than that, thousands of former students and alumni will recall with gratitude the guidance and inspiration of which these educational leaders proved the source. The technical requirement which terminates the service of these men on their having reached a certain age brings to a close outstanding careers of scholarly leadership. Though retirement removes them from the classroom, their work will go on for years through the impress they have left on the host of students who have enjoyed the fortune of contact with them.

ANNOUNCEMENT

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414 Second Avenue So.

MINNEAPOLIS

[A Men's Wear Shop in the Center of the Financial District]

The MINNESOTA ALUMNI WEEKLY

Volume 28



Edited by Leland F. Leland



Number 29

Thousands Use "U" Golf Course



Standing on the green of the fifth hole on the University course you see a beautiful fairway.

U. of M. Recreation Field Is in Great Demand

HUNDREDS of alumni used the University's golf course on the University of Minnesota recreation field in St. Paul last year and many have applied for permits to use the course this year.

What is now known as the University course was started 15 years ago by Dr. L. D. Coffman, Dean J. M. Thomas and E. Dana Durand as a private course for faculty men only, but since it appeared that there were not enough faculty men interested at the time to properly support the club, it was decided to open the course to the alumni and professional men of the Twin Cities. Under these conditions many of the doctors and attorneys of the Twin Cities made application for membership, including such men as Clarence E. Drake, Dr. Whipperman, Dr. Turnacliff, M. F. Ernst, and Ned Fields. Later this group moved to the present site of the Midland Hills Country Club.

In 1927 the old course was made available for student play. To make it possible for all students to participate, the Golf Committee eliminated initiation fees, yearly membership dues and other usual golf assessments, to charge a greens' fee of 35 cents per round. If a book of ten coupons is secured, at the price of \$3.00 this is reduced to 30 cents per round. The first year 21,303 rounds of golf were played on this basis. Last year the number of rounds increased to more than 24,000 and indications point this year to an increased enrollment.

WHO IS ELIGIBLE TO PLAY?

The course is open to all students who are registered in any department of the University, to faculty and employees, and to Minnesota alumni. Membership cards are issued from the Athletic Office. All who desire to play on the course must fill

By W. R. Smith

Director of Intramural Athletics

out an application card and the permits are issued to students upon presentation of their fee statements. In the case of alumni the application card is sent to the Registrar and when approved by the Registrar, showing that the applicant has been a student at the University, the card is mailed to the individual without charge. When the course becomes so crowded that it is impossible to care for the student play, it will then be necessary to eliminate former students. It is entirely probable that the first group to be eliminated will be those who have taken less than two year's work at the University. The course has proven very popular with the alumni, as it offers opportunity for those who are visiting the city for a few days to make personal contact with students and former students with whom they may have been associated while attending the University.

During the golf season of 1928 permit cards were issued to 1,046 different students, to 351 faculty and employees, and to 1,119 alumni and former students. These groups with their guests will make a total of nearly 3,000 different individuals playing over the course. Any one of the groups, or any individual of the groups to whom cards have been issued may bring a guest or guests whenever they choose, but in no other way can one not connected with the University secure permission to play over the course.

MANY IMPROVEMENTS MADE TO COURSE

During the past two years the University has improved the greens, widened the fairways, installed grass tees, and covered the old drainage ditches. The Committee is working on the 18 hole

course without disturbing play on the old nine hole course. It is planned to have the 18 hole course ready for play in the spring of 1930.

The grounds on which the golf course is located are probably as pretty as the grounds of any course around the Twin Cities. There is enough rolling ground to make the layout decidedly interesting to every golfer. The trees on the course are all hardwood trees of white oak, black oak or red oak variety. The forestry Department of the University has already set out more than 500 new trees. It is their plan to make of the course an arboretum. The new trees are planted in the rough and along the roadsides, the idea being to beautify the grounds. The grass on the fairways is very fine Kentucky Blue Grass. The tees and greens are bent grasses mostly of Metropolitan Bent. There is a pretty lake of about 75 to 100 yards in diameter. It is the hope of the Golf Committee to make the woods and grounds other than that used for fairways ideal for picnic groups. The present club house is located six-tenths of a mile north of the Farm Campus Gymnasium. The Committee hopes to build a new club house soon near the Inter-Campus car line. The new course is being constructed so that No. 1 tee and No. 18 green are near the location of the proposed club house. It is impossible at this time to tell when this club house will be built for at present no funds are available for its construction. The income from greens fees and the sale of golf supplies is enough to care for the course and the improvements that the Golf Committee is undertaking.

Golf Tournaments are conducted each year for the general student body, both men and women. About 50 fraternities are entered in the Fall and Spring Fra-

ternity Tournaments. The University open tournament usually registers up to 75 starters.

The ground floor of the Club House contains the Golf Shop in which the tickets, golf supplies, golf repair shop and store rooms are located. The second floor has the club rooms, the locker rooms and shower rooms for men, the locker and shower rooms for women, a rest room for women, and the living quarters of the matron and chaperone. The house exterior is of tan stucco with green trimmings. It is surrounded by oak trees with No. 1 tee just west of the Club House. Old stone walks lead from the parking north of the Club House to the entrance. Just east and in front of the Club House the Women's Athletic Association have built an open fire place for roast and picnic groups.

Campus Golf Developed

Story by Fred Fadell

STARTING with few activities offered to a limited number of students, the Intramural department of the University of Minnesota has grown at a tremendous rate to the point where it now fosters 20 sports in order to permit every student in the University to take part in that sport he most enjoys in each season of the year.

W. R. Smith, Director of Intramural Athletics, has seen his department expand from the field of tennis, golf, and volley-ball to its present scope of tournaments in touchball, volley-ball, golf, bowling, tennis, basketball, hockey, squash, handball, swimming, track, baseball, diamond ball, horseshoe, wrestling, rifle shooting, soccer, boxing, and summer sports.

Mr. Smith came to the Minnesota campus for the first time in 1918 when he was placed in charge of athletics at University High. Here he also taught mathematics classes since he had gained previous experience as an instructor at Dallas, Texas, and Chicago. Later Mr. Smith was assigned a class in the College of Education.

In the fall of 1923, the present director was transferred to the University as head of the Intramural department. At that time few sports were offered to those students who desired to take part in physical recreation without spending time with the varsity or freshman ath-

Alumni Eligible to Play on University Course

Alumni and former students may secure permits for play on the University course by applying to the Athletic Department. The college and year of graduation, or if not a graduate, the year of matriculation with the present address is the only information required. There is no charge for this permit. The greens fee is 35 cents per round. If a book of ten coupons is purchased at the price of \$3 the fee is reduced to 30 cents per round.

letic teams. Practically all the sports tournaments were dominated by a few academic fraternity teams playing through a haphazard program with no definite plans or schedules.

In an attempt to sponsor a more popular sport, a football tournament was drawn up by the Intramural department, but the plans were unsuccessful because of the little equipment being available for the players who were usually out of condition to stand the bumps of the strenuous play. With three hundred dollars as the year's appropriation for the department's use, little could be done to sponsor an extensive sports program for all students.

Under the present plan of the department, from 20 to 25 thousand dollars are used each year for salaries, the Recreation Field golf course, and for carrying out the "sports for all" motto.

Last year the most popular sport on the campus proved to be golf with 1,046 different students, 351 faculty members, and 1,119 alumni and former students making use of the golf course. As each person entitled to use the course was permitted to be accompanied by a guest, Mr. Smith estimates that more than 3,000 people played a total number of 24,179 rounds during the season of last year.

Each year tournaments in golf are fostered by the department for students of the Agricultural campus, fraternity houses, entering freshmen, and state high schools. Activities are wound up each year by an all-University tournament which is open to all students on the campus.

According to statistics given by Mr. Smith, 4,950 students and faculty members participated in 14 different branches of sports. In 1926 the total number of participants in intramural sports was 6,050 from 19 sports. 7,082 entries were received for participation in 1927 while in 1928 9,586 students and faculty members availed themselves of the department's facilities.

The remarkable growth of the intramural department under Mr. Smith and his two assistants, L. W. Peterson and G. B. Larson, has undoubtedly brought to realization the aim of "furnishing sports of such varied form and extensive scope that every man attending the University will be given opportunity to enter competitive athletics each season of the year."

Senior Societies Name Men

THE two senior, honorary societies, Grey Friars and Iron Wedge, announced their members on Cap and Gown Day, Thursday, May 16, as has been the yearly custom. Those named included:

IRON WEDGE

Lester Bolstad
Elmer Ceder
S. Allan Challman
Dean E. Conley
John H. Coollidge
George R. Gibson
Gordon N. Mackenzie
George C. McMillen
Joseph E. Osborne
George N. Pederson
John A. Priest
Harold W. Rehfeld
Louis M. Schaller
Leif R. Strand
Edgard W. Ukkelberg
Frank B. Weck
Lester J. Will

GREY FRIARS

Norman French
Frederick Hoyde
Allan Mortenson
George Ottersness
Harry Peterson
Samuel Rogers
Gordon Roth
Ingolf Serigstad
Raphael Schlingerman
Russel Scott
Harold Stassen
Richard Taylor
Danford Thomas
Gordon Tierney
Horatio Walker
Kenneth Zimmerman

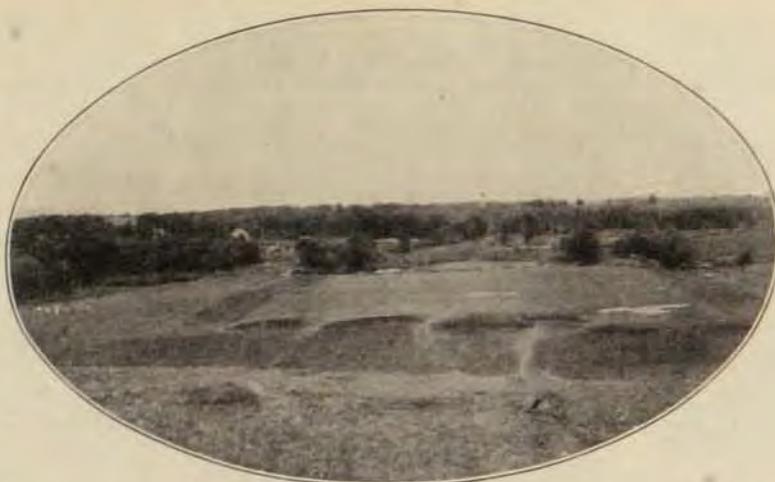
Excavate for Indian Relics

STONE hatchets and a war club are the first "finds" of an excavating expedition undertaken recently by three University students under the direction of John Louis, major in anthropology.

Having discovered last spring that certain Indian remains had been unearthed at Mendota at a point overlooking the confluence of the Mississippi and Minnesota rivers, Mr. Louis undertook an investigation of the possibility of more discoveries on the site.



Hole number 1 is situated high, commanding a good view of the course. The golf club house is seen at the right.



One of the finest golf courses in the city, is the tribute that has been paid to Interlachen Club, where the Big 10 golf tournament will be held next week.

Minnesota Plays Host

THE Interlachen course, one of the best of the 20 private courses that Minneapolis boasts, will be an ideal site for the Big Ten tournament, which is to be played over the Mirror Lake links May 28 and 29, if the opinion of experts is worth anything.

Conference golfers may consider themselves exceedingly fortunate, in fact, to be permitted the use of a championship layout for their annual conference classic, for the course is almost certain to be the scene of the 1930 National Open tournament—which can be taken as a criterion of its ranking among United States golf courses.

In the last four years the course has been rebuilt and extensive improvements have been made at a heavy expense with the primary aim of making it a championship layout. As a result Interlachen now ranks with the finest links in the country and has become one of the relatively few class A links in the United States.

Interlachen is of full championship length, being better than 6,600 yards from the back tees, with par 73, as well as possessing every other feature of a first class course. It is trapped to penalize the least deviation from accuracy in shooting. Heavy rough, well-trapped and bunkered greens, and many natural hazards combine to make it a real test of golf. The fairways are watered in addition, permitting only an ordinary roll and placing a premium on the long carry.

While every hole has an individuality of its own, there are several outstanding holes on the course. The first, a 479 yard, par 5, is an ideal starting hole that is long enough to insure getting the players away in a large field. A lake extends on the right of the fairway from the 100 yard mark to 225 yards from the tee, penalizing a sliced drive. Woods extend practically the full length of the fairway on the left and the green is bunkered on the right and the left front. This hole requires a good tee shot and a full brassie or spoon shot, and the narrow approach to the green demands an accurate second.

The sixth, which is a 343 yard, par 4

*to Big Ten Golfers when
Tournament Will Be
Held at Interlachen
Golf Club on May 29*

By Tony Schoenhoff [AU]

hole, is considered the most difficult on the course. The tee shot should be played to the left of the fairway to assure an open shot to the green, which is severely bunkered on both sides and in back. Accuracy with wood and iron is necessary to score well on this hole.

Another attractive hole is the ninth, a 478 yard, par 5. This hole is considered one of the finest in the Twin Cities, according to Willie Kidd, professional at the club. The fairway on the ninth semi-doglegs to the left and is wooded on both sides from 150 to 250 yards from the tee. A well-placed tee shot about 225 to 240 yards will give the player a good view of the lake, which must be crossed if the second shot is played for the green. This lake is about 160 yards across and extends practically the full width of the fairway.



Lester Bolstad, champion golfer is captain of the Minnesota team.

It is about 270 yards from the tee and within 50 yards of the green.

The eighteenth, which was picked by the *American Golfer* as the finest finishing hole in its All-American golf course selection, is 393 yards long, with par 4. The fairway swings a little to the left and out-of-bounds on the left penalizes a hooked shot. Mounds are located 225 yards from the tee, from which the clubhouse can be seen back of the green, which is situated on high ground to the left of it. One bunker is placed in the face of the hill approaching the green and woods are on the left of this All-American finishing hole of one of the sportiest golf layouts in the United States.

Golfers Defeat Iowa

FOUR champion golfers chalked up a victory for the Gopher team over the Midland Hills course on May 14 by defeating the University of Iowa mashie wielders by a score of 17 1-2 to 6 1-2 in Minnesota's first conference dual match of the season.

Captain Lester Bolstad shot a 74 in the morning round to defeat Ed McCardell of the Hawkeyes and then broke his own record during the afternoon by turning in a 69 over the par 70 course.

The Minneapolis golfer is considered as the leading candidate in the Big Ten title to be run off at the Interlachen course on May 28-29. Two years ago Bolstad captured the crown, but lost out to Johnny Lehman of Purdue at Columbus, Ohio, the following season by a single stroke.

The captain is the former National public links champion and also won the state public links championship. In 1925 Bolstad captured the junior champion Minnesota title and since then has won two letters as a member of the varsity golf team.

Don Burris is the second letterman of last year's squad and holds the title of 1926 Minnesota junior champion. Burris plays number two on the team and with Bolstad should carry off the leading honors before the season ends. In the Iowa match, Burris halved his match with Bob Reickoff with a total of 76.



Patricia Stephenson is one of the leading co-ed golfers.

Coeds Take to Golf

By JOYCE IRETON ('31)

COEDS at the University of Minnesota are deeply interested in golf.

Forced to open up an extra golf class this quarter because enthusiasm of coeds has run so high, May E. Kissock, assistant professor at the women's gymnasium, stated that 75 coeds have registered in the three sophomore elementary golf classes. After the students master the fundamentals at the gymnasium, they compete at the University of Minnesota Recreation Field course. A class tournament is sponsored at the end of the quarter.

An interhouse and Women's Athletic Association golf tournament is held every year. The W. A. A. tournament this year, in charge of Patricia Stephenson, boasts 16 entrants. Points for letters and numerals are: 100, winner; 75, runner-up; and 50, if 25 hours of the quarter is spent in golf.

Patricia Stephenson, present university women's champion, has gained for herself an enviable position among the women golfers of this part of the country. The last local entrant to survive in the women's Trans-Mississippi tournament last year, she blazed a brilliant trail before she was stopped by Mrs. O. S. Hill in the semi-finals.

Miss Stephenson was also semi-finalist in the state meet last year, and captured the championship from a field of 40 starters in the Resorter's meet at Alexandria, Minnesota. Scoring an 80 for the first time in the western junior tournament at the South Shore Club at Chicago, she tied for medalist honors.

"Golf is gradually becoming of interest to women, but it needs encouragement. In a short time it will take its place with other sports," says Miss Stephenson.

At first there was some agitation against women golfers playing on the university course, according to W. R. Smith, director of intramural athletics. But the men students were gentlemen and allowed the women to play unmolested. About 30 per cent of the golfers on the university course are women, Mr. Smith estimates.

The university golf course was started 15 years ago by Lotus D. Coffman, Joseph M. Thomas, and E. Dana Durand

as a private course. Not until 1927 did the university acquire it. Now all university golf tournaments are played there.

Headed by W. R. Smith, manager of the course, the golf committee consists of W. T. Middlebrook, Dr. J. Anna Norris, J. C. Poucher, L. F. Keller, F. W. Leuhring, chairman; W. F. Holman, Lester Bolstad, and W. H. Richards. The

course is available to students, faculty members, employees, alumni, and former students.

21,303 rounds of golf were played at the university course in 1927. In 1928 the number of rounds played increased to 24,179. Judging from indications so far, this year's number will easily surpass last years.

★ Star Big Ten Golfers to Compete Here May 28-29

A HOST of intercollegiate golfers will assemble in Minneapolis on May 28-29 for competition in the Western Conference golf tournament to be run over Interlachen Links as the closing meet of the 1929 season for all Big Ten schools. A winner will come to the fore and be acclaimed the champion golfer of the middle west after each contestant has made the rounds of the course.

A few veteran sophomores will make up the Michigan team, captained by Johnny Bergelin of Big Rapids, Michigan. The Wolverine captain is the only three letter man on the squad and has played regularly on Michigan teams for the past two seasons. He has repeatedly hunched the upper brackets in state amateur tourneys and stands a good chance of making a successful bid for the Big Ten title.

The only other veteran on the Michigan squad is Art Alstrom a junior who won his letter last year. Last fall Alstrom copped the all-campus golf title at the Ann Arbor school. Dick Livingston, a sophomore, recently annexed the squad title in a tournament held for aspirants for the squad. Bob Royston and Jim Lewis are two other new Wolverine golfers who look promising.

Dave Ward, a schoolmate of Captain Bergelin, annexed the State Amateur title in 1926 while still in high school and has figured prominently in state tournaments since that time.

The University of Indiana boasts the best golf team to represent that school in years. Coach Hap Miller plays in number one position with Wilbert Catterton and Bob Miller as the only other two veterans of last year's squad. Miller, Catterton, Joe Greenwood, and Paul Messick will most likely represent Indiana here on May 28-29, as these golfers have made their appearance in many of the Hoosiers' dual matches this season. With these men shooting in the 70's, the Indiana squad is to be considered seriously for final Big Ten honors.

Wisconsin will be represented by a senior and two juniors who have had much experience in Big Ten competition. Sheldon, the most consistent shot of the veterans, with Furst and Hagen form the nucleus of the Badger team's lineup which is not as yet definitely decided upon.

At the University of Illinois there is an imposing team, but because of final examinations being scheduled at Urbana for the week of May 27, the squad will be unable to compete in the Big Ten tourney at Interlachen. George K. Whyte of last year's squad and Robert Goldwater, amateur Arizona state title

holder and Southwestern champion in 1927, are two of the best golfers to play for the Illini in recent years.

TENNIS

Winning its first Big Ten dual match over Northwestern on the Minnesota courts, Coach Phil Brain's tennis squad took to the road and invaded the Michigan and Wisconsin camps. In the two contests the Gophers were turned back by decisive margins.

In the matches against Michigan at Ann Arbor on May 11, the squad lost by a 7-1 score. Captain Stuart Cornell accounted for the single victory by downing Barton of Michigan in straight sets, 8-6, 6-3.

Last Monday, May 13, the team stopped over at Madison on its return from Ann Arbor and was set back another notch by dropping a 7-2 match to the Badgers. Cornell again took his sets and was then parried with Young in the doubles to defeat McMillan and Freeborn, 7-5, 3-6, 7-5.

Wolverines Beat Tracksters

THE Gopher track team rating was shoved to a lower level by the Wolverines at Memorial Stadium May 11 when the well-balanced invading squad captured major honors in 14 of the 15 events to leave the Minnesota team on the short end of an 82-53 score.

George Otterness took individual honors of the meet by earning 16 points gained in the pole-vault, high jump, high hurdles and javelin throw. He and Elton Hess of Minnesota tied for first in the pole-vault at 13 feet 3 inches, with Michigan's entry stopped at 12 feet 9 inches. His second tie was with Felker of Michigan in the high jump at 5 feet 10 1-2 inches.

The Willmar athlete finished his track career on the home field by continuing with his point-earning rampage to carry off first in the high hurdles in 15.2 and second in the javelin throw.

Bruce Strain of Minneapolis won his mile-run event in 4:36.6 to beat out Monroe of Michigan a few yards from the tape. In the two-mile run Errol Anderson of Ortonville turned in a first place for the Gophers by shattering the old Minnesota record of 10.8 with his new time of 9.43.3.

With a leap of 22 feet 1-2 inches, Ted Catlin won first in the broad jump and later ran second to Dale Seymour of Michigan in the 440 yard dash. The Buffalo trackster finished a few inches behind the leader and had to be content with a second in his favorite event.

Minnesotans You Should Know:

Few students of geology think seriously of this subject as they wander along the river bank with their instructor and classmates picking up a rock here, a stone there or disturb a bit of moss to discover just what kind or degree of stratum is beneath. But there are always one or two students in these same classes that do take their work seriously, and Charles Peter Berkey ('92; '93G; '97G) was one of these. In fact, Professor Berkey's interest led him to the Gobi desert of central China where he was the chief geologist of the Third Asiatic Expedition. They were digging for dinosaur eggs. When this picture was taken, Dr. Berkey was in the Gobi desert of Central Mongolia. He now is a professor of Geology at Columbia University in New York.



Judging from this picture, one would think that Oscar L. Buhr ('20B) was a school boy starting out to conquer the world, but reality tells us differently for Mr. Buhr, in spite of his comparatively few years has already had a successful career. He started that career when he was still an undergraduate in the school of business, of which he was one of the first graduates, by being secretary to the late President Burton and assistant to the president of the Board of Regents. When the late President Burton went to the University of Michigan to become its president, Mr. Buhr went with him and served as assistant to the president. Since '21, Mr. Buhr has been in Detroit with the Detroit Trust Company and recently was made head of the investment department of this company.

As we go to press today, Cap and Gown Day, it is quite fitting that we should mention a man who in his undergraduate days accomplished quite an unusual feat. Specifically that of receiving the degrees of Bachelor of Medicine, Doctor of Medicine, Master of Science, and Doctor of Philosophy in four years. Quite a record and one that is seldom equalled by University students. The person so properly fitted out in his cap and gown pictured here is Leroy A. Calkins ('18Md; '19; '20; '21G). Dr. Calkins is at present a professor of Obstetrics and Gynecology at the University of Virginia. Dr. Calkins does not, however, restrict his endeavors to his medical practice alone, for as a result of his researches he has written many treatises and articles on medical subjects.



'75 to '28 to "Reune" on June 17

PLANNING the best entertainment ever offered at a banquet of Minnesota alumni, the reunion to be held on commencement day, June 17, promises also to draw the largest group of alumni back to the campus.

The committee of the '04 class, which has been out of college 25 years and which therefore is in charge of the reunion banquet this year, refuses to divulge the complete program until we issue our *Reunion and Old Timers* number next week, but we did get from them the fact that the program will include a clever reader, a prominent violinist, a student

"who is whistling his way through college," a nationally known radio quartet, portion of a symphony orchestra, and several other features, one of which will include a campus monologist, without whom no student or campus banquet is said to be complete.

That is splendid for a starter, and the committee in charge says that when they announce the names and the complete program every alumnus within miles will want to attend.

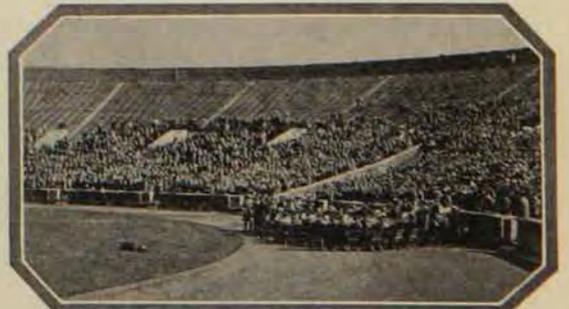
The price? Only \$1.50, and that includes an excellent dinner. Special decorations, special food, and special enter-

tainment, all wrapped up together and served attractively and especially for alumni, will make the 1929 reunion, the greatest of them all.

An innovation this year is that the Minnesota Alumnae Club will take charge of the reception of guests before the banquet proper begins. A committee consisting of Mrs. Charles Olson, Mrs. McLellan, Mrs. Hall and Vera Cole, are in charge and they propose to furnish large circular identification badges on which you can print your name so that your neighbor across the street will be able to read your name.



Reminiscent of the alumni reunion this year to be held on June 17 are these two photographs of last year's alumni spring homecoming. At the left, the procession; at the right, alumni, friends, seniors and faculty in the Stadium.



Minnesotans

In the Days News



Two Minnesota alumni came in for prominent mention in the *Chicago Tribune* last week after the opening of "The Golem" at the Goodman Theater, Chicago. The men mentioned were Carl Cass ('27), well known during his student days on the Minnesota campus, as a leading dramatist, and Roman (Bud) Bohnan (Ex. '23), stellar varsity cheer leader. *The Tribune* says:

Both the author of "The Golem," H. Leivick, and that member of the Habima theater of Moscow, David Itkin, who assisted Thomas Wood Stevens in its production here, shared honors on the stage with the players when the Jewish legendary play came to an end last evening.

That event arrived close to midnight and the toll exacted of the Goodman patrons for an evening of art in the theater had been three and a half hours of unalleviated gloom.

Excellent acting such acting as the Moscow players themselves might have bestowed upon the play, illumined its shadows, but that did not by any means relieve the somber tone of the entertainment.

FIRST ENGLISH PRODUCTION

This was "The Golem's" first production in English. It was given here in Yiddish at the Great Northern a few seasons ago by the Habima players, when the David Itkin, mentioned above, himself played the rabbi, called the maharal who wrought the miracle of creating a man. A translation by J. C. Augenlicht makes it possible for the English stage.

Carl Cass, of gigantic proportions, aided and abetted by padding and other artifices, simulated the huge fellow and clumsily carried out the will of the maharal. He was pathetically human in his sense of bondage.

The allegorical figures of the old beggar (Elijah) and the young beggar (Messiah) were done by Lawrence Pacquin and Bernard Ostertag.

OTHERS WIN PRAISE

Others in varying degrees of raggedness, including Roman Bohnan as the "red" beggar, whined, quarreled, shivered or chattered as required. A bit of Rinehardt "designerment" might have been claimed for the interior of the deserted tower, so picturesque was it, with its weird lighting and so effective the chanting of the beggars.

"The Golem" will attract only the studious and serious-minded, but it is wonderfully well done by the ambitious and art-loving company on the lake front. It will, however, have to be cut and the action hastened to keep it within the limits of an evening's theatrical adventure.

Gary Appointed Head Coach

MICHAEL GARY ('28) of Marshall, Minnesota, former University of Minnesota football tackle, has been appointed head football coach at Western Reserve Normal, Kalamazoo, Mich., succeeding Earl Martineau ('24).

Since his graduation from Minnesota in June of 1928, Gary has been in charge of line men at the Michigan school. In taking up the new position, he succeeds Earl Martineau, Minnesota all-American of 1924, who will be at Purdue next fall.

While at Minnesota, Gary gained fame as one of the outstanding tackles of the Middle West. In his second and third years under Dr. Spears, he was given positions on various mythical all-star teams. Gary last played for Minnesota in 1927.



Former rooster king, "Bud" Bohnan, is making great strides on the Chicago stage (see column at left).

Alumni Books

That We Have Read



"Why Do You Talk Like That?" Richard Burton.—The Bobbs-Merrill Company.

Dr. Richard Burton, about whose head the squabble about the premature announcement of the Pulitzer Prize novel has been raging, has recently written a book which was published by Bobbs-Merrill of Indianapolis. His new book is something of a sugar-coated pill. It is the sort of volume in which we read many things we ought to know and still enjoy reading them.

"Why Do You Talk Like That?" is Dr. Burton's attention-demanding title. Having asked us, he proceeds to tell us with all the enthusiasm of a philologist gone popular. Don't think this is as dry and technical as the grammar you studied in school—though you may read in it just why that grammar was dry and technical. Dr. Burton really loves words, and he is able to tell others about them and inspire his readers with something of his enthusiasm for correct—and colorful—speech.

He sees in the word the greatest power man knows and sees the word's duty to man and man's duty to the word to use the word aright and penetrate its meanings. "To create words is a task of genius," he says, "to conserve them is the joint business of us all."

The most interesting parts of his book are those in which he tells us exactly why we do talk as we do, why we say things now and believe them right when once they were wrong and vice versa. He tells us all these things in a sufficiently entertaining style, a style that is popular and yet not sensational. He discusses such subjects as the mistaken use of words, the musical value of words, the clipping of words, the placing of words—almost every phase of our speech as we speak it every day.

New Medical Book Out

Among the books recently published by the staff of the Medical School is *Morphologic Variation and the Rate of Growth of Bacteria* by Professor Arthur T. Henrici of the Department of Bacteriology. This book is Volume 1 of a series of microbiological monographs published by Charles C. Thomas and has been favorably commented upon by workers in the bacteriological field.

Gopher Sports

By Fred Fadell



A ninth inning rally starting with three runners on bases and no men out failed to turn the tables against the Iowans in the conference game played on Northrop field Wednesday May 8 and as a result the Gophers were handed their third straight defeat of the season by a 5-3 score.

Eldor Bjorgum started at the mound for the Gophers and held down the post throughout the fray. The backing of the infield and outfield, however, was marred by numerous errors which accounted for many of the Hawkeye runs.

Trailing the Hawks by two runs, the Minnesota squad took its turn at bat in the ninth inning. No men were out and three players rested at the bags waiting for the sluggers to connect with the Iowan slants. Bob Tanner struck out and Bjorgum slammed out a high fly but the return was too quick for Bob Bardwell who was called out at the plate. Donald Cherp then went up for Minnesota, but he also swatted out a fly which was grabbed by the fast Iowa City centerfielder.

To date the Gophers have lost two games to Ohio State and the third to Iowa. Last Saturday the home team was scheduled to appear at Madison against the Badgers, but a continuous downpour of rain during the morning and afternoon caused the tilt to be postponed to June 8 when Wisconsin comes to Minneapolis.

Spring football activities at Minnesota were wound up at Memorial Stadium last Friday afternoon, May 10, when Bronko Nagurski's Gold gridders smashed Wayne Kakela's Maroons into submission by a 19-7 score to win the intersquad title as the grand final of Coach Clarence Spear's carefully laid plans for real competition among spring training squads.

The game was played in a drizzling rain which kept the few hundred students and grads huddled together in the press stand and the players' dug-outs, but the soggy field did not hamper the smooth and powerful workings of the victorious Gold team.

Nagurski, with his formidable ball carrying power, accounted for two of his teams touchdowns by his stalwart plunging which at times dented the Maroon line badly. The Bronk also performed as place-kicker for his squad, but only one of his attempts for the extra counter after touchdowns was successful.

Big Clarence Munn, former North High star of Minneapolis and a member of last year's Gopher freshman squad, piled up yardage for the Golds by his bucks at the line and his long gains around the ends. The Maroon line was frequently reinforced by substitutions, but Munn's attacks were too vicious to be stopped.

Paul Kirk, together with Nagurski and Munn, started the Golds on their way to victory by carrying the ball to within

the shadows of the Maroon Gold posts where Bronk sailed over the heaped line for the first counter.

It was Nagurski again who shone for the Gold stars by taking the following kickoff on his own 20 yard line and dashing 55 yards down the side-lines to the Maroon 25-yard line before he was stopped by one of the few upright Maroon-jerseyed gridders. Line plunges carried the ball fifteen more yards as the quarter ended.

Paul Ziegelmaier started the fire-works again after the second quarter started by taking the ball on the Maroon eighty-yard mark and squirming his way over the final chalk mark for the second Gold touchdown of the afternoon. Nagurski place-kicked for the extra point.

A fumble by Walter Hass (St. Paul) who was standing on his own 20-yard line to punt, sent the come-back hopes of the Maroons floating into the gray and damp skies, when the half-back was rushed by a mass of Gold line-men, putting the ball in possession of the winning team. It was an easy matter for Nagurski and his cohorts to push the ball over the remaining chalk marks to boost the score to 19-0.

The Maroons took the situation into their own hands for the first time when a spectacular and threatening rally ensued that culminated in gaining seven hard-earned points. The Maroon backfield stepped off into a running start with a passing attack, but penalties brought the ball back into dangerous territory where it rested before the stiffened Gold line.

With the pigskin on their own eighty-yard line, the Maroons went into the second-stage of their rally starting with a ripping plunge by "Red" Somers, International Falls, which shoved the ball 17 yards towards a touchdown. Somers again received the oval and threw a long pass which was intercepted by a Maroon backfield man in mid-field.

A timely break was grabbed by Kakela's men in the last quarter when the Golds attempted a punt which was blocked by the onrushing Maroons, putting the ball in play on the 50-yard mark. Robert Pinger tore through the left side of the line for 12 yards. Hass dashed around right end behind a tight interference to gain 16 more yards. Hass again was given the ball and advanced it to his opponents' eight-yard line. The handful of faithful fans bellowed forth with urging yells. Dr Spears sent in line substitutes but for no good.

The Maroons had goal to make in four downs, but Hass took the ball on the first play and smashed through the defending line to a touchdown. His try for the extra point was successful.

Although the crowd of football fans was not very large due to the early afternoon downpour and ensuing drizzle, the advanced sale of tickets was great enough to insure the financial success of the afternoon. The receipts will be used to purchase silver belt buckles to be awarded to members of the victorious Gold squad and will be presented at a dinner-dance to be given for the entire roster of the Black, Maroon, Red, and Gold teams.

Hits and Misses

Read 'em and Weep



"Less than one per cent of American men are college graduates. Yet out of this one per cent have come:

55% of our Presidents.
36% of the Members of Congress.
47% of Speaker of the House.
56% of the Vice-Presidents.
62% of the Secretaries of State.
50% of the Secretaries of the Treasury.
69% of the Justices of the Supreme Court."

Whoever Heard

"Whoever heard of a meeting of college alumni to improve the library facilities? Whoever heard of a conference of alumni on the research problems of a university? Whoever heard of a meeting of alumni that confined its discussions largely to the promotion of the moral and ethical and spiritual welfare of the student body? Whoever heard of a meeting of alumni whose primary purpose was that of improving scholarship within the institution? And yet these are the things that constitute the sole excuse for a college or a university."—PRESIDENT L. D. COFFMAN, *University of Minnesota*.

High and Low Campus Buildings

Three and four story buildings are the rule at comparatively pastoral universities where land is not so valuable, as contrasted with Columbia, Northwestern and other metropolitan universities where the buildings commonly run up to a dozen stories or more. Of course the most conspicuous example is the new tower building of the University of Pittsburgh, called "The cathedral of learning."

Day of Flivver Long Past

The college boy in flapping pants, lightly checked sweater and drooping socks with his thin, snuggling girl friend and disreputable flivver has become virtually extinct, according to a survey conducted by Henry Bratton Doyle, dean of men at George Washington university.

"The species has been displaced, according to Doyle, by a serious-minded young man in semi-stiff collar, polished shoes, and garters fit to be worn around his neck," the dean said.

Doyle constructed his report on opinions sent him by deans and presidents of 300 leading colleges in the nation.



Frank Kellogg, former lecturer in Minnesota's Law School, who has served his country during the last 12 years as Senator, Ambassador to England, and Secretary of State, has returned to his law practice in St. Paul.

There is a rising feeling almost potent enough to be called a conviction, that many alumni of many colleges are intellectually competent and worthy of a closer and more equitable relationship with the college; that the college owes them a greater return for their interest; and for the developing of that interest, for its own good, should build for the exchange of amenities a two-way street over which the alumnus could continue, after graduation, to receive certain services looking toward his intellectual preservation.—W. B. SHAW (Michigan).

Definitions

A University is an institution where knowledge is conserved, advanced, and disseminated.—President Butler of Columbia University.

Why a college education?—"To qualify young men for the different professions and for the honorable discharge of the various duties of life."—From the Original Charter of Grinnell College.

Fraternity hell-week.—Knock hell out of the Hellenists.

"Engineering is the science of controlling the forces and of utilizing the materials of nature for the benefit of man, and the art of organizing and directing human activities in connection therewith."—Federated American Engineering Societies.

"An alumni fund is a continuing agency devoted primarily to the raising annually of unrestricted gifts to a college or university from its former students."—American Alumni Council.

The purpose of an alumni association.—"To create interest in the University among the alumni where that interest does not exist, and to mobilize it for the university welfare where it does."—Ohio State University Association.

Coming Events

Cast Their Shadows



New Editors and Business Managers Will be Announced May 22

The annual Publications banquet will be held Wednesday evening, May 22, in the Minnesota Union. Dan Thomas, member of the Board of Publications, is in charge. He is being assisted by Joyce Porter and Floyd "Pi" Thompson.

The new chairman of the publications board, as well as managing editors and business managers of the Gopher, Ski-U-Mah and The Minnesota Daily will be announced at this time.

Matrices will be awarded by the Board to members of campus publications who have shown distinguished service. All students who are interested are asked to attend, Mr. Thomas said last night.

High School Bands and Orchestras Compete on Campus

The University Armory was the scene of competition of A and B division bands and orchestras last week as 2,000 high school musicians convened for the annual Minnesota state high school music contest which was presented in co-operation with the Public School Music league.

The University News Budget

The Week on the Campus



All Sororities Were Above "C" Standard for Winter Quarter

All Academic sororities included in Panhellenic maintained an average of "C" or better during the winter quarter, Anna Dudley Blitz, dean of women, has disclosed in the regular report on sorority grades.

Phi Delta Sigma captured first place in the scholarship ratings with an average of 1.8207 for the entire chapter during the winter quarter.

The entire list of 21 sororities and their respective averages follows:

Phi Delta Sigma	1.8207
Zeta Tau Alpha	1.4679
Beta Phi Alpha	1.4500
Alpha Phi	1.4196
Alpha Gamma Delta	1.4134
Pi Beta Phi	1.4702
Kappa Delta	1.3813
Gamma Phi Beta	1.3517
Delta Zeta	1.3365
Alpha Omicron Pi	1.3306
Alpha Xi Delta	1.3198
Phi Omega Pi	1.3007
Delta Gamma	1.2792
Sigma Kappa	1.2790
Kappa Alpha Theta	1.2260
Delta Delta Delta	1.2242
Alpha Chi Omega	1.2081
Phi Mu	1.1918
Alpha Delta Pi	1.1864
Kappa Kappa Gamma	1.1217
Chi Omega	1.0159

"Trick Will" Makes "U" \$1,000,000 Beneficiary 100 Years From Now

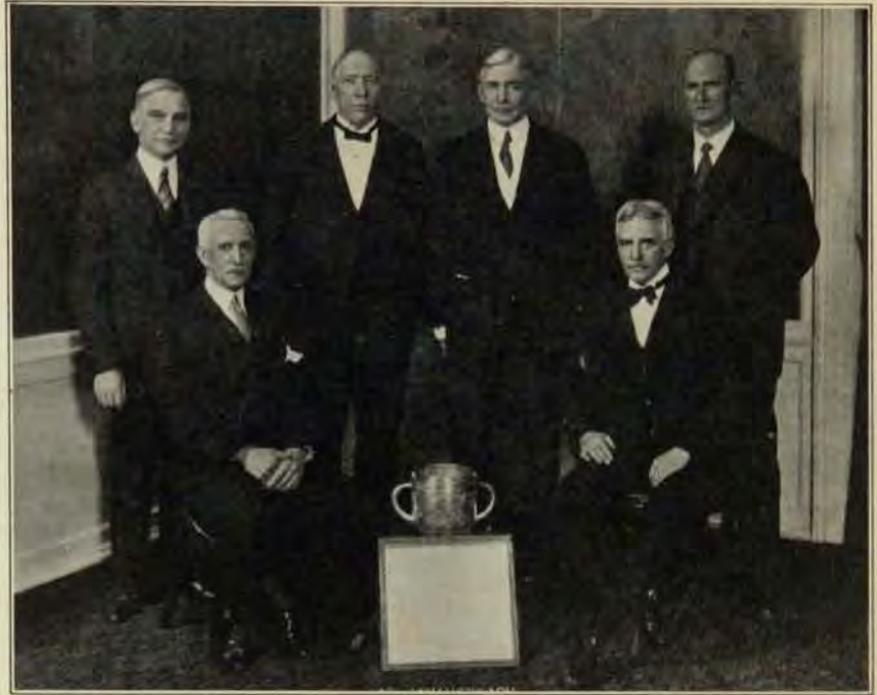
Through a "trick will" the University may receive about \$1,000,000 to devote to birdlore, but not until 75 or 100 years from now. Edward A. Everett of Waseca bequeathed the fortune to the University in a will which was made public last week when a copy of it was sent to the Board of Regents.

A long list of relatives will share in the income of the estate before the fund is received by the University. Twenty years after they have all died, the money will be available for the department of ornithology here, under the revised provisions of the will.

Four conditions must be carried out before the University can obtain its bequest. The department must use part of the money every year to maintain and decorate the graves of various members of Mr. Everett's family. Every month bouquets of carnations must be placed on 10 graves and on Christmas and Decoration day special flowers must be provided.

A bird collection left to the New Richland schools will revert to the University if the New Richland school board does not agree to furnish a fire-proof room to house it before May 14.

University officials had not announced yesterday whether or not they would carry out the provisions of the will necessary to obtain this grant of money.



The famous Yale track team of '89 held a reunion recently at New Haven and numbered among the famous, our own Dr. Henry L. Williams, for 21 years head football coach at the University of Minnesota. Dr. Williams, a graduate of Yale '91 and a member of the hurdles squad, is the second man from the left in the back row.

New Engineering Requirements Announced by Dean O. M. Leland

New registration requirements in the College of Engineering have been announced by Dean O. M. Leland for the benefit of sophomores who wish to register for senior college courses.

Under the former ruling, it was necessary for sophomores to complete all of their mathematics and physics courses before they were allowed to take any senior college courses. The new rules specify that a student must have completed 90 credits, including all freshman work, and must not lack more than 12 credits of required sophomore subjects.

Comprehensive Exams Voted By Medical Faculty

Comprehensive examinations at the end of each year covering the course of study for the entire year will be inaugurated in 1929-30 in the Medical school. The measure was adopted by a unanimous vote of the executive council of the medical faculty at its meeting this week.

As a supplement, the comprehensive tests will be given at the end of the school term, and will include questions on work done during the year. Since all the work in the curricula will be inter-related in the examinations, students will concentrate their knowledge on the basic facts, E. P. Lyon, dean of the Medical school, stated.

Hurled Six Feet by Car, Man Scratches Hand

Although knocked six feet in the air by a speeding car in front of the old Physics buildings, an unidentified man was found to have only a scratched hand when taken to the health service for examination. He was rushed immediately to Dr. Harry D. Lees, assistant director of the health service, only to be discharged five minutes later.

New American Life Course is Approved by Administration

"The History of the American People," a new course for graduate students in which 20 professors and instructors will give lectures, has just been approved by the administration. The course is designed as a background for graduate students working in American history, American literature, and other fields touching on American life.

Instructors and professors for the lectures have not yet been chosen. Lester B. Shippee, professor of history, is chairman of the committee which is arranging the course which will probably begin next fall. Every phase of American life will be considered in the lectures which will include fine arts, agriculture, transportation, communication, business, newspapers, speech, and reading.

Present courses in American literature have been changed and several new courses have been added, Tremaine McDowell, assistant professor of English, announced yesterday. "The changes give a greater variety in the American literature courses offered than in the majority of universities," he stated. "They show a definite interest on the part of the administration."

The American novel course has been changed from a one to a two quarter course for next winter and spring. A new course will be offered in American drama next fall, and a separate course in colonial literature next spring. In the general survey course of American literature, 73 and 74, less emphasis will be placed on colonial literature and more on that of the nineteenth century.

Special studies and research in the 1830's and 1840's will be presented in an honor course. A seminar for graduate students only is announced in American literature from 1783 to 1832.

Personalia

1873



1929

'86; '87E; '98—Recently we had a letter from Fremont Crane, who is living in San Antonio, Texas. We were very glad to hear that he enjoys the "Personalia" column and also hope that he will continue to do so.

'89—Gratia A. Countryman contributed a paper on, "Mr. Putnam in the Minneapolis Public Library," to the anniversary volume which was presented to Herbert Putnam, Librarian of Congress in honor of the thirtieth anniversary of his appointment as Librarian of Congress. About sixty leading librarians, biographers, and members of the library committee of congress contributed to this volume which was presented on April 5. Frank K. Walter, the University of Minnesota librarian, also contributed a paper on "Notes on the beginning of a mid-west University library," which stressed some important features in the early history of the University of Minnesota.

Detroit, Michigan, also has a college men's club. It is called the Intercollegiate Alumni Club, and its members have recently announced its plan to build a clubhouse in the downtown section of Detroit. The club is an outgrowth of the Intercollegiate Association formed fifteen years ago which functioned mostly as a luncheon club until December of last year when it was decided to enlarge its scope. We find the name of William B. Stout (Ex. '05E), one of Detroit's most prominent men, among the ranks of the members. He is Detroit's outstanding contribution to the infant airplane industry and will be remembered as the man who interested Henry Ford in his all-metal plane which has achieved such a huge success in commercial transportation by air. A. L. Malmstrom ('17E) is a member of the board of governors of the club and has been active in intercollegiate affairs in Detroit for several years. Other Minnesotans who are members are, Raymond D. Ascher ('23E); Charles W. Brooke (Ex. '03); Oscar L. Buhr ('20B); Dr. Harold W. Carlson ('22; '22Md; '23); Dr. Wyman C. Cole ('16; '18Md; '19); Charles G. Crumrine; G. P. Gessell (Ex. '17); Fred Glover (Ex. '01); Ray W. Labbitt; Bernhard O. Leubner ('94P); Dr. C. F. McClintic (Ex. '12Md); Durell S. Richards (Ex. '17L); and T. P. West (Ex. '19L).

'96; '99L—The daughter of Charles F. Keyes, Marjorie Keyes, on April 20 on the Adriatic for Europe. Her mother accompanied her. They expect to be gone about four months, spending a month in Scotland and England, and three months in France, Italy, Switzerland, Germany, Belgium and Holland.

'98; '99C; '05—E. M. Freeman, dean of the College of Agriculture, Forestry and Home Economics on the farm campus of the University of Minnesota, sent us a note the other day furthering the praises of Dr. Elvin C. Stakman, professor of plant pathology at Minnesota, about whom we had a short article a few weeks ago. According to the note, "Dr. Stakman won the Emil Christian

In Re Reunions

(Wherein is explained the puzzling paradox of an annual event)

*Reunion year! Reunioners
Remobilize on campus greens
To vent a few anemic cheers,
Revisit forgotten years
And re-enact collegiate scenes.*

*A few renew dear comradeship
Where hand grips hand with tales re-spun.
A few retrace the lengthy trip
They took away from scholarship.
The rest of us have all the fun.*

*Reanimate, old memories
Repeople dusty halls again
For us who miss the mysteries—
And great responsibilities—
Endured by all reuniting men.*

Hansen prize last year and has been elected to a number of foreign honorary scientific societies." Isn't it queer how we overlook things that are close to home?

'10E—A. C. Godward, the executive engineer for the Minneapolis committee, was chosen president of the Lions Club of Minneapolis at a meeting held recently at the Radisson Hotel. Mr. Godward succeeds Ben B. Walling ('09E), who is in the real estate business in Minneapolis.

'11E; '13G; '16G—Paul E. Klopsteg, who is the director in charge of development and manufacturing of the Central Scientific Company in Chicago, is one of the first members of the Collegiate Club of Chicago. He holds certificate number 66. The Collegiate Club was organized for the purpose of furnishing a club home for the thousands of college men who are located in Chicago. There was an interesting article concerning Dr. Klopsteg in the May 11 *Literary Digest*. In this article was given a description of the heat magnet discovered by him.

'13—Enza Alton Zeller of St. Paul has two new plays published recently. "Phoc-

Cold Facts

For the Statistical Minded



Many College Papers

The publication of college student newspapers has come to be a business the extent of which few people realize. There are more than 400 college papers published at least once a week, with an average of some 25 students working on each paper. There are 32 college dailies in the country, about half of which use the telegraph service of some nationally-known news-gathering organization. About 35 college papers are published either twice or three times a week. More than 300 colleges have weekly newspapers, and nearly a hundred more small colleges have papers coming out less often than once a week but more often than monthly. Academic credit for work on college papers is the exception rather than the rule. Twenty-four out of twenty-five dailies reported financial compensation for the editor and business manager, while seven divide the profits among the members of the entire staff. As for the money the staff members are paid, in about 40% of the cases the amounts are based on the percentage of profits.

be's Christmas Eve," a children's play published by Walter Baker Company of Boston, and "Undercurrent," a play of India published in *The Cue* for January, 1929. Walter Speakman ('26) has a part in the "Wild Duck" with Blanche Yurka according to the last report. All this news was passed on to us from Dr. Lester Raines, who was formerly director of dramatics at the University of Minnesota for two years, 1923-25. He is now a professor in the department of speech at Ohio State University.

'19—Alice M. Peterson stopped in the office the other day. She is working in Detroit with the "Ask Mr. Foster Service" in the Penobscot Building. Miss Peterson came to Minneapolis by airplane and expects to return via the same method. She is visiting her parents in Minneapolis and while here she ventured to the campus to view the great changes and additions to our rapidly developing University.

'23—More engagements! This is the announcement of the engagement of Guy Everett McCune, of Fairmont, Minnesota, to Mildred A. Perkins ('23) of Dickinson, South Dakota. The announcement was made at an afternoon tea given at the Barbizon Hotel in New York City on March 30, for a group of Minneapolis friends and former classmates at Minnesota. Miss Perkins is a member of Chi Omega sorority. She has been studying voice in New York City and in Berlin with Madame Anna Schoen-Rene. Mr. McCune is a member of Kappa Sigma and Phi Alpha Delta fraternities.

'24B—Jay W. Miller has moved from Oak Park, Illinois, to Goldey College, at Wilmington, Delaware, where he is to be the assistant business manager.

'24DN—March 16 was the date of the marriage of Irene Nehring to Joseph A. Bradish, formerly of Winnipeg. They are to be at home at 3455 Blaisdell Avenue, in Minneapolis. Mrs. Bradish is a member of Alpha Kappa Gamma sorority.

'24Ed—Professor Marjorie Nicolson, formerly a member of the English department at the University of Minnesota, has been made dean of the college at Smith College. She succeeds Mrs. L. L. Bernard, wife of one of Minnesota's former associate professors of Sociology, who in turn succeeded Ada Comstock (Ex. '96) who was formerly the Dean of Women at Minnesota. We also had notice of the appointment of Dr. George A. Works, formerly dean of the Graduate School of Library Science of the University of Chicago, to the presidency of the Connecticut Agricultural College at Storrs, Connecticut. Dr. Works was on the staff at Minnesota in the department of Agricultural Education during the years 1913-14.

'25E—According to the *Archi* of Alpha Rho Chi, Aubrey Grisson has entered upon the life of a bachelor and can cook meals that other people can stand up under. Although the article did not mention Mr. Grisson's exact capacity in the business world, it did say that he was making fine headway.

'26; '28Md—Dr. Bertram Bruenner has been serving his internship at the Wisconsin General Hospital. He has recently been appointed as intern at the American Hospital in Paris, France, beginning October 1, 1930.

Preliminary Surveys and Estimates
Made Without Charge

Walter T. Madsen

Drainage Contractor

Mound Minnesota

did the tiling and draining on the new University of Minnesota Recreation Field. Other work done includes—

WRIGHT COUNTY

Project No. 14.. 2 miles 8" to 18" tile
Project No. 34.. 6¼ miles 8" to 24" tile
Project No. 39.. 2½ miles 8" to 18 tile
Project No. 40.. 3½ miles 10" to 22" tile

KANDIYOHI COUNTY

Project No. 46.. 13 miles 8" to 36" tile

CARVER COUNTY, WACONIA TOWN

Project No. 4.. 1½ miles 15" to 24" tile
Project No. 5.. 1½ miles 8" to 18" tile

HENNEPIN COUNTY

Deephaven Project, 9 miles 6" to 36" tile

STATE HIGHWAY DEPARTMENT
St. Louis County 7 miles 6" tile

PROJECTS INSTALLED
UNDER SUPERVISION OF THE
DEPARTMENT OF AGRICULTURE.

UNIVERSITY FARM

New Market.....12 miles 5" to 15" tile
Paynesville..... 3 miles 5" to 16" tile
Hill City.....1½ miles 5" to 6" tile
Duluth..... 2 miles 5" to 12" tile
Coon Creek..... 1 miles 5" tile
Deephaven..... 1 miles 5" to 12" tile

LIST OF PRIVATE PROJECTS

Fargo, N. D. 15 miles 5" to 8" tile
St. Paul, Minn. 5 miles 5" to 16" tile
St. Paul 3 miles 5" to 12" tile
Big Lake 8 miles 5" to 16" tile
Mayer 4 miles 5" to 18" tile
Hector 5 miles 5" to 12" tile
Correll 3 miles 5" to 12" tile
Aitken 4 miles 5" to 20" tile
Elmhurst, Ill. 6 miles 6" to 24" tile

Over 2,000 miles of tile has been laid by my organization in Hennepin, Ramsey, Carver, Wright, McLeod, Meeker, Scott, Kandiyohi, Renville, Sibley, Big Stone and St. Louis Counties.

TO TILE IS TO
PERMANENTLY IMPROVE

Twenty Years Record
in Tile Drainage

'26E—Fall will bring the wedding of Barton Juell and Dorothea McClelland of Oak Park, Illinois. The announcement of their engagement was made on March 31.

Ex. '26—The announcement has been made of the engagement of Richard M. Walrath to Edith Walker of Chicago. Miss Walker is a graduate of Westover Academy and has also studied in Europe. Mr. Walrath is connected with the firm of Hogan & Farwell, real estate brokers, and is located in Chicago. He is a member of Alpha Tau Omega, Tau Upsilon Kappa, and Sigma Delta Chi.

'27—Newburyport, Massachusetts, was the scene of the wedding of Mary Randolph Hurd of Newburyport, and John S. Welland ('27B) of Duluth. The ceremony took place April 6 in St. Paul's Episcopal church. John Frazee ('26) of Duluth, was the best man. Mrs. Welland is the niece of Professor ('90L; '93) and Mrs. James Paige (Mabeth Hurd, '99L).

'27—Dorothy Anderson and one of her teacher friends brought 50 pupils to St. Paul to visit the capitol in February. Miss Anderson is teaching in district 36, Almelund, Minnesota. The children, parents and teachers made the trip on a bus chartered by the parents. It really takes perseverance to take that many children so far from home. At least we think so!

'27Ed—September has been chosen as the month for the marriage of Alva Prouty to James M. Sutherland ('28). Both alumni are residents of Minneapolis. Miss Prouty belongs to Alpha Omicron Pi sorority and Mr. Sutherland belongs to Alpha Sigma fraternity.

'28—John M. Ramey is doing architectural work with Whitney, a civil engineer, in Milwaukee.

'28B—The last we heard of "Chuck" Purdy, he was selling insurance. There probably was method in his madness for a few weeks ago we read of the announcement of the engagement of Charles E. Purdy, Jr., to Helen M. Bezoier (Ex. '28). Miss Bezoier is a member of Gamma Phi Beta sorority and Mr. Purdy belongs to Delta Upsilon fraternity.

'29Ed—Miriam Wedge, president of W. S. G. A. (Women's Self-Government Association), for the year 1928-29 recently attended the convention of the national association at Norman, Oklahoma. While attending the convention Miss Wedge was elected national registrar of W. S. G. A. This is the only national office which carries over from one convention to the next, with the exception of that of the Editor of the W. S. G. A. Letter. In winning the "Miss Wedge defeated a delegate from Kansas.

The Witchery of Wash, recently published by the Century Company was written by a graduate student of the University of Minnesota. Edward G. Reinhard was graduated from Woodstock University and has the degrees of B. A. and M. A. He is at present working for his Ph. D. at Minnesota.

Ex. '30—For her spring vacation, Flora Bestor, who is studying at the Sorbonne in Paris, is traveling in the rural districts in France. After the close of classes in June, she

Algers and other countries and cities of the Mediterranean coast. She is to return to Minneapolis late in the summer.



A CALENDAR FOR THE BUSY MINNESOTAN

On the Campus

May 22—Annual Publications Banquet at the Minnesota Union on the campus.

May 23—W. A. A. Spring Banquet.

May 23, 24—Tennis, Conference at Ohio State.

May 24, 25—Track Conference at Evanston.

May 24, 25—Baseball, Notre Dame vs. Minnesota at Minneapolis.

May 27—Golf, Northwestern vs. Minnesota at Minneapolis.

May 28—Minnesota Music club presenting Vaudeville Show, in the music auditorium.

May 28, 29—Big Ten Golf Tournament at Interlachen Golf Club, Mirror Lake, Minneapolis, Minnesota.

May 30—Baseball, Iowa vs. Minnesota at Iowa City.

June 1—"Why Mary," Third annual release of the Shadow Studios.

June 1—Baseball, Northwestern vs. Minnesota at Evanston.

Down Town

Orpheum, May 19-25—Little Jack Little, headliner.

Shubert, May 19-25—Florence Reed in "The Shanghai Gesture." Third week.

State, May 17-23—"The Desert Song" brought to the screen as an all-talking picture.

Lyric, May 18-24—Emil Jannings in "Betrayal."

Pantages, May 18-24—On the screen, "Hearis in Dixie."

Minnesota, May 18-24—Maurice Chevalier in "Innocents of Paris," on the screen, and on the stage, "Barcelona."

Maurice Chevalier, the internationally famous musical comedy favorite, known on the Continent as "The Idol of Paris," is introduced to alumni audiences at the *Minnesota theatre* this week in Paramount's all talking romance, "Innocents of Paris."

In the film, Chevalier sings many of the songs that contributed to his great success at the Follies Bergere and the Casino de Paris. He also sings "Louise," the theme song of the picture and several current song hits which have made for his success as a headliner at the Zeigfeld Roof.

The locals of Chevalier's first American picture has been set in Paris. He is cast as a carefree character of the picturesque Flea Market section, who falls in love with a girl far above his humble position in life. The lovers pledge their undying devotion but when Chevalier gets his chance to play one of the lead in a famous Parisian review, his sweetheart believes she is losing him, that the temptations and artificial glamor of stage life will take him from her. The manner in which she attempts to thwart his ambitions and the subsequent developments which follow when Chevalier achieves a brilliant success, lead to a very unusual climax.

Gene Sheldon and the Minnesota Serenaders present a Public stage show, "Barcelona," an atmosphere production against a background of sunny Spain. Bobby Gilbert, violinist with the "talking fiddle" is featured in the cast which includes: Ross MacLean, Canadian baritone; Rene and Evelyn, a dance pair; James and George Trainor, comedy dancers; Borge Moller, the international accordionist; the Dorothy Berke Ballet and Stewart Johnson of the Minnesota Serenaders.

Golfing Alumni



¶The fairway of the fifth hole.

Congratulate University on Development of U. of M. Recreation Field

The following business men and alumni of Minneapolis, interested in golfing and the development of golf at the University of Minnesota take this opportunity to congratulate the University on the development of its golf course and also to extend the hand of welcome to the Students of other Universities who will compete in the Big Ten Golfing Tournament to be held here May 28-29.

Horace Lowry

*President,
Minneapolis Street Railway Co.*

Thomas F. Wallace

*President, Farmers & Mechanics
Savings Bank*

Alfred Pillsbury

*Treasurer,
Pillsbury Flour Mills Company*

Chas. B. Mills

*President,
Midland National Bank*

William J. Russell

*President,
Gregory, Jennison Company*

Lyman E. Wakefield

*President,
First National Bank, Minneapolis*

A. R. Rogers

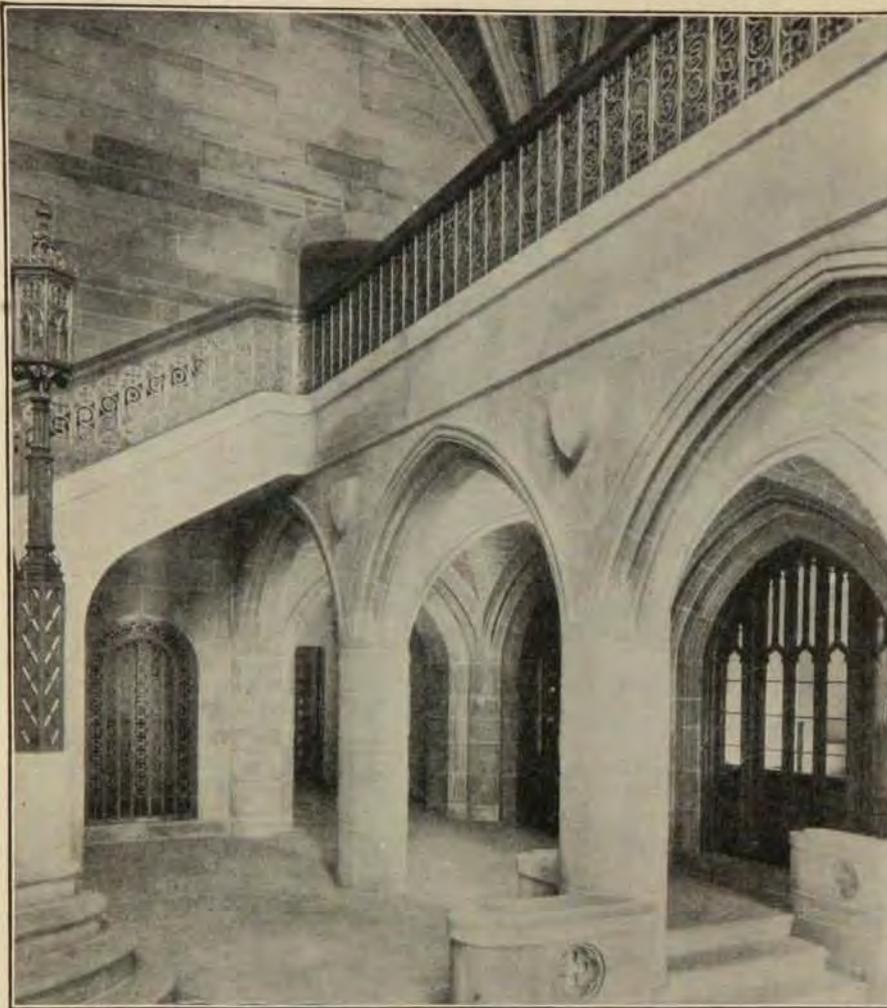
*President,
Rogers Lumber Company*

George K. Belden

*President, Minneapolis Baseball
and Athletic Association*

Edgar F. Zelle

*President, Jefferson Highway
Transportation Co.*



Interior view, Chicago Theological Seminary, Chicago.
Riddle & Riddle, Architects. H. B. Barnard, Builder.

Fine Enough for All Interior Work

FOR interior as well as for exterior use, architects use Indiana Limestone. The all-stone exterior, so much admired, is not prohibitively expensive. New methods and large scale production of Indiana Limestone make this beautiful, light-colored natural stone moderate in cost.

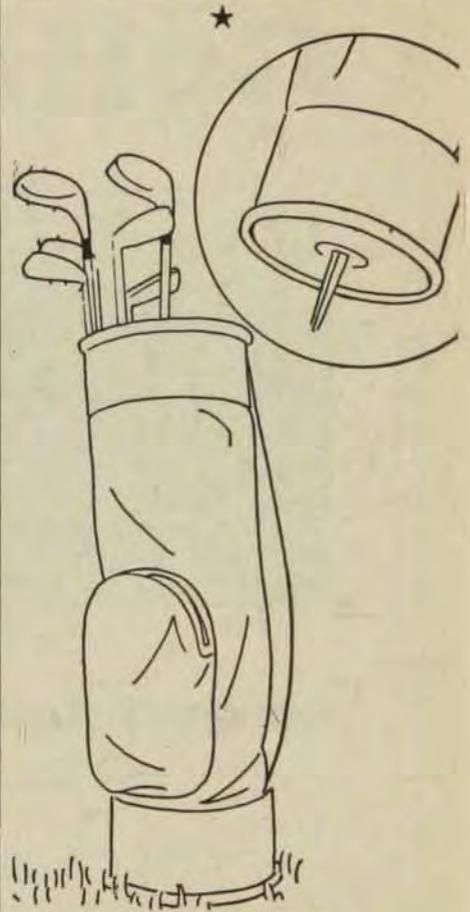
The texture of Indiana Limestone varies from the almost invisibly fine to rather granular. This stone, while not too hard to be cut with the greatest ease into any required shapes, yet is tough enough to be deeply undercut and carved into

the most delicate ornament and tracery. When exposed to the air for a time in a building, it becomes seasoned and is then quite hard and practically everlasting.

Let us send you our illustrated booklet showing samples of school and collegiate buildings of the better type. Many trim as well as all-stone buildings are shown in its pages. A reading of this booklet will give you a clear picture of what is being done the country over in college buildings. For the booklet, address Dept. 808, Service Bureau, Bedford, Indiana.

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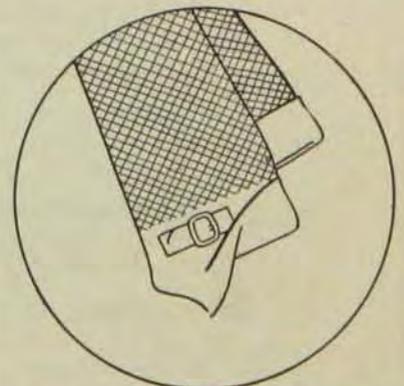


Various novel devices have been invented for golf bags. Many materials have been used in making the bags, and they have appeared in a variety of colors.

And now another new bag has been designed.

It is shown in the illustration here, with details of the new device and the manner in which it is used.

A slender spike as long as the bag itself is fitted into a metal sleeve which is fastened in the center of the bottom of the bag. At the top, the T-head of the spike is held to the rim of the bag by a leather strap.



There have been several types of golf-garters, most of which are excellent to wear with golf stockings. One of the smartest ones is a woolen string, which was fastened under the top of the stocking, showing tassels at its ends.

Elastic and metal garters also can be used, and we have a new one which is illustrated here. This is a knitted strap of the same wool as the stockings and fitted with a buckle. It is drawn through tunnel loops and, when worn, is concealed by the top of the stockings which folds over it.

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'79 '84 '89 '94 '99
'04 '09 '14 '19 '24

*While the above quinquennial classes are fea-
tured this year, every class from '75 to '29 is
expected to have a celebration of its own and
to be present to witness the commencement
procession*

Reunion

Biggest, Best, Most Spectacular Ever

Monday, June 17

WHERE?

University of Minnesota

(Of Course)

•
TIME: All Day
•

PROGRAM

Morning: Registration, Tour Campus, Visit
Houses, Chat with Old Friends.

Noon: Individual Class Luncheons.

Afternoon: Visit with friends, picnics, see the
new buildings.

Night: Big Alumni Reunion Banquet at Min-
nesota Union, Stunts, Entertainment,
Music.

•
UNDER THE DIRECTION OF THE
CLASS OF '04

Look for Complete Details in Next
Week's Issue



Honoring a Great Man— Dr. Cyrus Northrop

The architect, the engineer, and the sub-contractors and material-men whose names appear on the opposite page, are proud to have had their part in constructing the Cyrus Northrop Memorial Auditorium as a memorial to a great man. The building is nearly finished and after the June insertion, this space will no longer appear.

In that farewell number a finished photograph of the Auditorium will be shown.

So important is the construction of this building that the firms whose names appear on the opposite page have banded themselves together to place before you, once each month for eight months, the story of the construction of the Auditorium by word and picture. Each month the story will come to you with a new picture, and a revised, up-to-the-minute construction story. This is the fourth instalment of this progress record that has come to you. The builders whose names are listed on the opposite page are glad to serve the University of Minnesota and request the privilege of serving you.

OF THE NORTHROP MEMORIAL AUDITORIUM

The Architect, the Engineers, the Contractors and Sub-Contractors Who Are Building the Auditorium

The architect and the engineers employed by the state, and the contractors and subcontractors have taken this space in the Minnesota Alumni Weekly once each month for eight months that you might be appraised of the Northrop Memorial Auditorium's progress. They are among the reliable and best serviced firms in the northwest and they bear your earnest consideration when you are ready to construct a building job. Write, wire or call them:

C. H. JOHNSTON, *Architect*
360 Robert street,
St. Paul, Minnesota

PILLSBURY ENGINEERING CO.
Consulting Engineers,
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Specializing in Erection of Plain and orna- mental Lathings, Corner Beads, Metal Trim, Light Iron Construction	L. G. Peterson Contractor 718 Builders Exchange Minneapolis, Minnesota	Member Minneapolis Builders Exchange Office Phone: Ge. 7611 <i>For</i> Better Plastering etter Lathing
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Reinforcing Steel for the Northrop
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The Superior Brick & Tile for the Auditorium
was furnished by
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Plant at Springfield, Minn.

AMERICAN BRIDGE COMPANY
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Auditorium

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Millwork
SMITH & WYMAN
129 S. E. 8th street, Minneapolis

Interior Stone, Marble, Tile
DRAKE TILE & MARBLE COMPANY
232 Baker Building, Minneapolis

Hollow Metal Doors for the Northrop
Auditorium furnished by
GROSS METAL PRODUCTS COMPANY
2575 Como Avenue W., St. Paul

Electrical Work by
STERLING ELECTRIC COMPANY
33 South Fifth street, Minneapolis



Planning high-speed business

*An Advertisement of the
American Telephone and Telegraph Company*

MORE than 95% of the telephone calls from one town to another in the Bell System are now on a high-speed basis. This holds whether the call is from New Orleans to Boston or from New York to Oyster Bay.

Even if it is a long call, the operator in many cases now asks you to hold the telephone while the call is put through.

Calls from one town to another used to be handled by one operator taking your order and giving it to another group of operators to put through. You now give your call direct to the operators who put it through—and put it through fast while you are on



the line. The average time for handling all toll and long distance calls in the Bell System was further materially reduced in 1928.

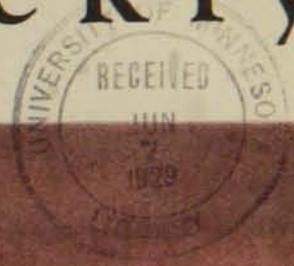
A high-speed service to all parts of the country—calls from one town to another as swift, clear and easy as local calls—that is the aim of the Bell System.

This is one of the many improvements in methods and appliances which are constantly being introduced to give high-speed telephone service.

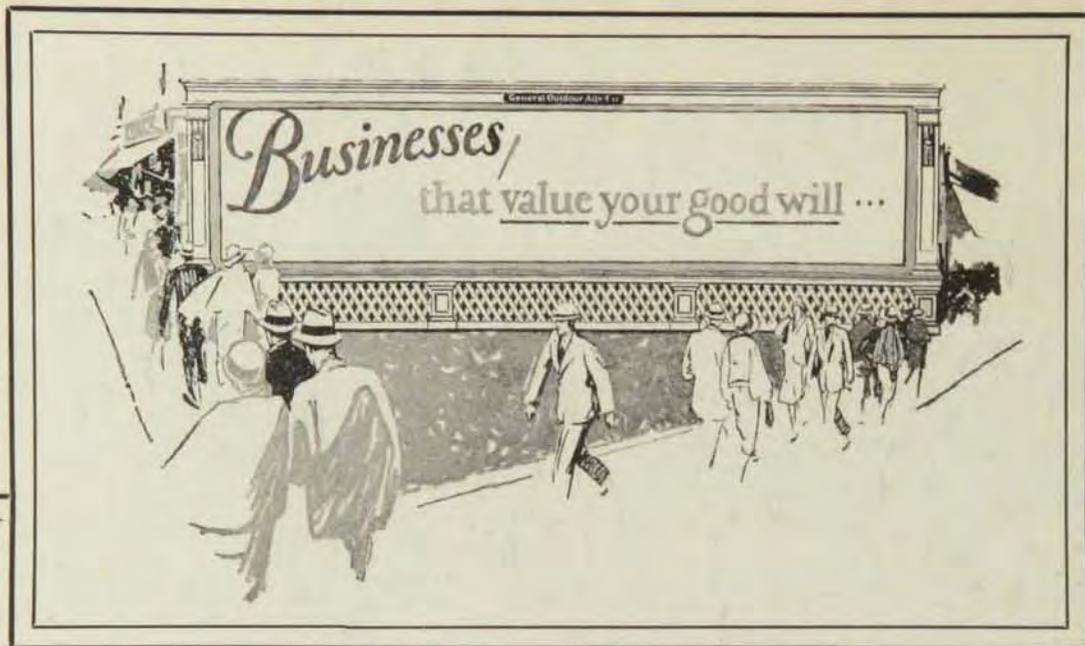
Better and better telephone service at the lowest cost is ever the goal of the Bell System.

The Minnesota Alumni Weekly

— Saturday, May 25, 1929 —



— Reunion and Old Timers Number —



Why Should I Read the Outdoor Displays?

A natural question, as naturally answered!

First—The outdoor displays are so numerous, so attractive and so persistent that to avoid them you would be in the category of the deaf and the blind.

Second—The outdoor displays are educational. You as a student at the University of Minnesota are a seeker after truth and the light that that truth brings. The outdoor displays carry the economic and business history forward from day to day.

Third—The outdoor displays carry a distinct message to you as a potential and future business leader. You too, one day will be using the outdoor displays to further and enhance your business.

As you come and go therefore form the habit of reading and watching the General Outdoor Advertising Company's outdoor displays—for on these displays dependable merchants are delivering a real message to buyers where they find them—in the outdoors.

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APPROVED AND RECOMMENDED BY
THE MINNESOTA ALUMNI WEEKLY

Shopping and Buying Service conducted by SALLY FORTH



Volume II

May, 1929

Number 9

A Great Wealth of Ideas

Although I can do no shopping personally, I have a wealth of ideas and knowledge about clothes for summer travel. If you have any doubt whatsoever about the proper thing to wear, how much luggage to take, where the smartest shops are for selecting your wardrobe, or any incidentals closely connected with the idea of summer travel, don't miss writing to me and giving me a chance to pass on to you the secrets which I have tucked away within myself.

I have given you a little idea of my vast knowledge. If you will scan the pages of our Fifth Avenues of Minnesota Section, you will see that this is true, but I have many more tricks of the trade that you may learn by just writing me a note and explaining your difficulty. I am glad and ready to be of any service to you.

Most cordially,
SALLY FORTH.

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... so all of her devotees wear bright colours and brilliant prints.

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... Prints, are of outstanding importance ... appearing in large, exotic flower patterns, quaint tiny flower spray and wreath design, and in ever smart polka dots.

... Knitted sports things have their very being in this vogue for colour ... taking advantage of this mode to become truly beautiful.

SALLY FORTH, in an interview with ROY H. BJORKMAN.

ROY H. BJORKMAN
Nicollet at Tenth, Minneapolis



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Save Your Pennies and Travel

If you believe it, it is so! Try it and see. I would suggest that you try it first of all on this thing called "Travel." I am sure that one and all of us desire a trip abroad, around the world, a cruise of the Mediterranean, a trip to California, Oregon, Yellowstone, or some place of more than unusual interest that we have never visited before. It is just a matter of dreaming about it, putting the pennies, nickels and dimes away, reading the WEEKLY and then making a trip to one of the traveling agencies which our staff recommends in its special Travel Section. Don't be at all hesitant about writing and asking for the special literature which we have in our office just waiting for your call.



Old World Castles Beckon

Before you leave for your foreign or domestic trip consult the fashion pages of the "Fifth Avenues of Minnesota" section. Let Sally Forth help you.

Fifth Avenues
of Minnesota
Minneapolis

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Dept. M., Federal Schools Bldg.
Minneapolis, Minn.



FIFTH AVENUES OF MINNESOTA



One of the interesting relics of a by-gone
age is the Pipe Box, an excellent specimen
of which is now on display at the Josephine
Koon room of the Minneapolis Institute of
Arts.

Institute of Arts

EXHIBITIONS

English and Continental China from 1700 to 1835.
New Period Room from Connecticut, with furnishings, about
1740.

English Sporting Prints.
Etchings by James A. MacNeill Whistler.
Etchings by Millet, Corot, Jacques and Daubigny.

The Beard Art Galleries

There are a lot of unusual and interesting places to visit
and saunter through in Minneapolis. It is true, that we
forget, or perhaps never knew about some of them, but once
we are reminded we should not fail to respond. Here is a
delightful reminder, *Beard's Art Gallery* on South 10th Street.
Prints, paintings, etchings, pottery, rugs, and hundreds of
other artistic suggestions that we cause you to squeal with
delight.

The T. B. Walker Institute

The Walker Art Galleries, at 1710 Lyndale Avenue South,
are open every day to the public from 10 a. m. to 5 p. m.,
where the famous art collection of the late Mr. T. B. Walker
may be seen, including the finest collection of jade in the
world; rare Japanese and Korean ware; Greek pottery; Indian
paintings and originals of old masters' paintings.

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and his

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Dinner One Dollar including dancing.
Also a la carte menu.

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No cover charge.

A la carte menu with one dollar
minimum charge.



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MINNEAPOLIS

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THE MINNESOTA ALUMNI
WEEKLY
THE 1928 GOPHER

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in

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Ask us to tell you more
Write to

Correspondence Study Section

GENERAL EXTENSION DIVISION
UNIVERSITY OF MINNESOTA
MINNEAPOLIS, MINN.

FIFTH AVENUES OF MINNESOTA



Head of a helmeted and bearded votary cyproite, Archaic style, 550-500 B. C., from the Ethel Morrison Van Derlip fund, on display at the Art Institute.



A horn-handled jug, an important example of the Late Bronze Age, at the Minneapolis Institute of Arts.

At the Minnesota

Richard Arlen, former Twin City boy, is heard for the first time from the screen in "The Man I Love," an all-talking picture at the *Minnesota Theatre* this week. Co-starred with Arlen, is Mary Brian and others in the cast include, Jack Oakie, Harry Green, Baclanova, Pat O'Malley and Leslie Fenton.

On the stage, Gene Sheldon, Master of Ceremonies, and the Minnesota Serenaders, present a versatile Publick stage show, "Southern Belles," a colorful production with a cast of entertainers which includes: The Dictators, harmonizing quartette; Eddie Mathews, dancer and the Albertina Rasch Dancers.



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Our employees are instructed in the newest Fashion details and requirements, so that they may intelligently serve you...

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...these are just a few of the many details that go to make this store one of the great shopping centers of the Northwest.

L. S. DONALDSON CO.

The MINNESOTA ALUMNI WEEKLY

Volume 28



Edited by Leland F. Leland



Number 30



¶When the Class of '79 graduated the University consisted of but two buildings, Old Main, shown at the right and the agricultural building pictured at the left.

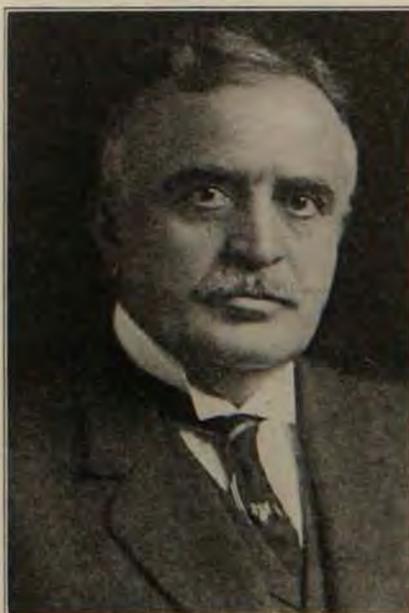
'79 Was an Outstanding Class

THE class of '79 will celebrate its fiftieth anniversary this coming commencement. I have always been greatly interested in the personnel of this class as it was the senior class at the University when I entered in the fall of 1878. When I came from Vermont and entered the University the so-called third and fourth classes were still in existence. The fourth class was dropped in the spring of 1879 and we became Sub-Freshmen which classification disappeared later. I got my early ideas of what a Senior Class was like from the Seniors of '79. They were an outstanding class at that time and it has been one of the most upstanding classes that has ever graduated from the University regardless of numbers. There were 26 in the class at the time of graduation and I think all who were in the class during the final year received their diplomas.

In those days everyone was compelled to attend chapel in the old main building. The August Seniors sat on one side of the room on elevated benches while the Juniors sat on the opposite side and the other classes sat in the main body of the house, which, I would say, contained about three hundred seats. Attendance was compulsory and practically all of the faculty sat on the platform. Different men read the Bible and offered prayer but as I recall it there were one or two who never participated in the services and I cannot recall ever having heard Professor Moore of the German Department read the Bible or offer prayer. After the religious services an oration was delivered or an essay read by a Junior or Senior. This was compulsory and it was impossible to graduate until an oration had been delivered from the platform. There was one student at the University at that time who could not and would not deliver an ora-

Says
Elmer E. Adams
of the Class of '84

tion from the platform. This was Mr. James Jennison of the Class of '81 who rebelled even unto the last and I think the matter was finally compromised by his delivering his oration in the office of President Folwell who kept on writing at his desk while Mr. Jennison delivered



¶One of the outstanding members of the Class of '79 is George Partridge, for many years, a member of the board of regents.

the oration. On the walls in one of the halls the height of the students was marked and if the walls were still there you would find "James Jennison, six feet four and three-quarter inches." When he left college he went with the Pillsbury Flour Mills and I think he is still in that service.

But, to return to the class of '79 as I remember them, almost everyone in the class possessed a large physique, Addison Gage being the only slight one in the class, and as they came up the walk sometimes four to six abreast the lower classmen looked at them in admiration and got off the walk.

Somewhere in my attic I have all the commencement programs of the early days. I also have a collection of the catalogs of the University for the first twenty years which gives the names of the students and I also have the bound copies of the early editions of the *Ariel* which was the college paper published once a month and of which Hon. Myron DeVere Taylor, now of our Supreme Court, was the first managing editor. In my junior and senior years I was managing editor and business manager and in fact did practically all the work, which gave me a contact with all the students who had attended the University prior to that time; I knew practically every student in the University during the years when I was connected with the *Ariel*. When it occurred to me that perhaps some reminiscences of the class of '79 would be interesting to the ALUMNI WEEKLY I went to look for the mementos of my college days but as is so often the case, it was impossible to put my hand upon them so I am writing about the personnel of the class of '79 without the data which I should like to have to refresh my memory.

Mr. Gage, who was the first to pass

away, died soon after leaving college, while in the employ of the *Minneapolis Journal*. He had a most brilliant mind and the prophecy which he read on Class Day gave evidence of what he would have done in a literary way had he lived.

George H. Partridge, now a member of the Board of Regents and a member of the firm of Wyman, Partridge and Company, was also a member of this class. He came from Steele county and worked as a youth, as all the boys did in those days, and if you could get him to reminiscence he would tell you about the time he picked up potatoes near Owatonna for one cent a bushel and was glad to get the work.

Timothy E. Byrnes, who later attained national prominence as a political leader and a power in the railroad world, was a member of this class. He entered the University from Meeker county and from the day he landed at the University there was no limit to his ambition. When he graduated in 1879 my recollection is that he was Class Day Orator. In those days the class awarded the graduating honors. After the first line up had been made for '79 the thing was spilled and there was another election which resulted in a different crowd getting most of the important places. It was probably due to the political work in class politics that started Mr. Byrnes in a political career. After graduating he went to Columbia College to study law. We were all surprised when we heard he was stopping at the St. Denis Hotel where he was paying \$4 a day which was an entirely different price than they used to pay at Hard Scramble and Bed Rock, which were the two outstanding cooperative boarding houses of the early days. When we asked Mr. Byrnes why he was stopping at such an expensive place he made one of his famous replies which was that "You cannot see the right kind of people unless you stop at the right places." Later Col. Byrnes became the Vice President of the New Haven road and with Mr. Mellen was operating practically all the railroads and steamship lines in New York and New England. When Mr. Mellen retired from the New Haven road Mr. Byrnes retired with him and I was with him at the Taft Hotel in New Haven when Mr. Elliott took over the control. We sat there for several hours going over the early days at the University and I remember one of the things he said was "It is a strange sensation to ride over a railroad as president in a special train where your father had worked as a section man, but this is America and the doors are open to everyone."

Hon. C. J. Rockwood, who has always lived in Minneapolis, was another outstanding member of this class and for a half century he has been a leader in the civic life of Minneapolis and has done a vast amount of work for the University.

W. W. Keyser, who was most dignified and reserved, and as I recall wore a heavy mustache, which was quite the thing for a senior to do at that time, became a judge and served until his death in 1922.

J. Frank Collon, who was a conspicuous figure in real estate matters in Minneapolis and had much to do with the development of what is known as the Blaisdell district, was a member of this class.

John F. Goodnow, who came from Red Wing, was another very clever politician which the class furnished. He became very prominent in the McKinley days as President of the Young Men's Republican League. He was intimately connected with the politics of Minneapolis and later nationally. I think he died while Consul General at Shanghai, China. When President McKinley nominated Mr. Goodnow for this post a terrific fight was made on him by political leaders, both male and female, and there was a hearing in Washington before a Senate Committee. When he returned to the hotel where his friends were waiting they asked, "How did you come out, John?" His answer was, that he was amazed at the things they hadn't gotten on to. The Senate confirmed him and he served for several years.

Frank S. McKean, a quiet fellow from Stillwater, passed out of my range early and I do not now what became of him and his address has not appeared in the Alumni Directory for some time.

Willis M. West, who was a professor for many years, the author of several text books and an authority of history, also got his diploma in '79.

Dr. Frederick C. Bowman of Duluth became a doctor long before our medical school was established and I think he is still practicing in the zenith city.

There was another politician in the class, Allen J. Greer, who resided in Lake City where he practiced law and represented Wabasha county in the State Senate for many years.

William L. Bassett received his diploma in '79 and is listed as a member of the class but he properly belonged to the class of '76. I think he had something to do with some mock programs which deterred the faculty from giving him his diploma with '76. I do not think it was

Mr. Bassett who put an empty whiskey bottle under Professor Marston's desk where it could be seen by all the students but not by the Professor. My recollection was that that was Rufus R. Rand. I remember that Mr. Bassett got a very good hand as he ascended the platform to receive his diploma, as was the practice in those days.

Pierce P. Furber, who came from Cottage Grove, became an architect and he prepared the plans for the first Fraternity house at the University which was built by Chi Psi. I was chairman of the building committee and we built in 1883. Prior to that time we had our lodge rooms in the Masonic Temple which faced Gateway Park and was somewhere near the Union station. Fraternity houses were not allowed up to that time and fraternities were frowned upon.

Alvin Hildreth was perhaps the strongest literary character in the class. He did not succeed very well in a business way and he had a good deal of hard luck marketing his literature but he was a persistent writer and always had offerings in the various publication houses. He adopted the House of David style of wearing his beard and in order to study life he used to travel around with threshing machines during the harvest season earning his livelihood and at the same time writing.

George B. Thompson was the son of Professor Thompson who had the chair in Mathematics. He went East after graduation and I have not heard of him since.

Robert W. Rhames, I think, became a civil engineer and the last time I heard of him he was living in Kansas City.

Miriam H. Roe and William S. Dawley, both of whom are dead, passed out of my range early and someone else will have to supply the information in regard to them.

There were seven young women in this class. All of them possessed strong personalities and I think averaged well so far as looks were concerned. Laura Linton, I think, became a physician and was connected with one of the state institutions.

Etta Thompson became Mrs. O. B. Gould and lived in Winona; Caroline Rollitt became Mrs. George A. Wood and was living in Saratoga, California; Evelyn May Champlin became Mrs. Walter S. Barrett and, I think, was the only young lady in the class who married a member of the class. Co-education was not working as well at that time as it has been later.

Etta May Elliott became Mrs. Edward P. Adams and was living in Massachusetts the last I knew.

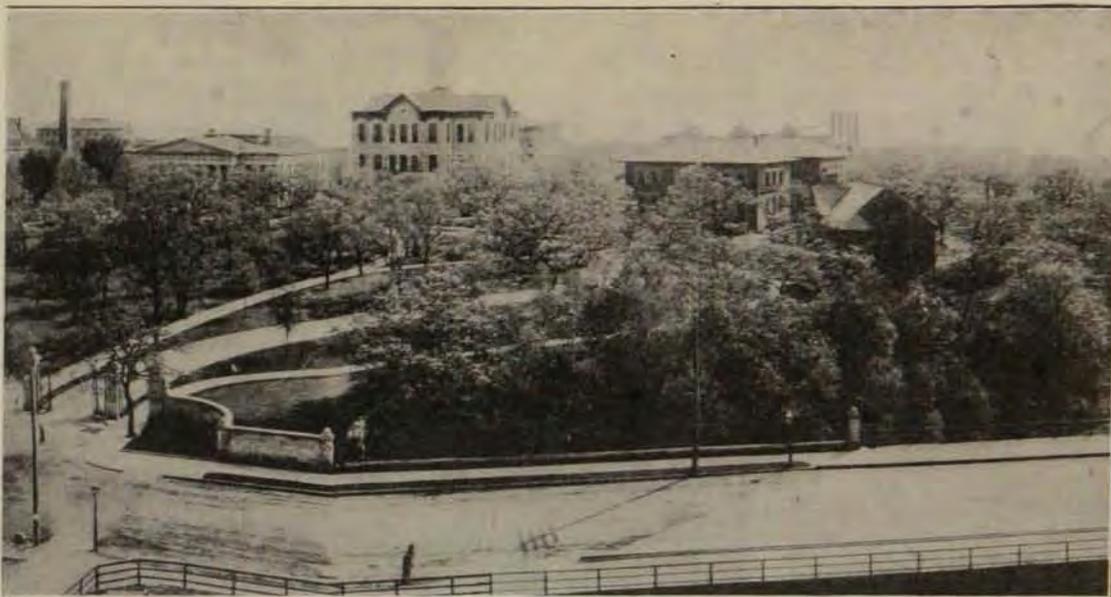
There were two other young ladies in the class, Miss Catherine Burns and Miss Martha B. West, but I have no information in regard to them. When the young women graduated in the class of '79 they wore longer skirts than they do on commencement days at the present time.

In conclusion I want to say that I have watched the various classes for a half century and I think that the class of '79 is the strongest class that the University has ever sent out and when some of the larger classes furnish more outstanding and upstanding men and women I will waive my claim that the class of 1879 is the banner class of Minnesota.



George MacKinnon, center, was awarded the All-Conference medal for proficiency in scholarship and athletics, annually awarded to the University's leading athlete on Cap and Gown day.

'04 Celebrates 25th Anniversary by Staging June 17 Reunion



Twenty five years after the graduation of '79, when the '04's received their diplomas the campus looked like this. Buildings pictured are, left to right, Old Mechanic Arts, Pharmacy (then Millard Hall), Old Library, Old Main (now replaced by Shevlin Hall), Law Building, and Child Institute building (then Y M C A).

"Minnesota, Hail to Thee" Was '04 Class Song

*Minnesota, hail to thee!
Hail to thee, our College dear!
Thy light shall ever be
a beacon bright and clear;
Thy sons and daughters true
Will proclaim thee near and far;
They will guard thy fame
And adore thy name;
Thou shalt be their Northern Star.*

By E. B. Pierce
of Class of '04

THESE were the words as sung by the Class of '04. They marked the farewell of that group to the campus, and when their play was given in the Metropolitan Theater the class on the stage turned in a body toward the box where Cyrus Northrop was seated and sang this song, the second verse of which was dedicated to him personally. This song, written by Truman Rickard, '04, immediately won favor and a little later Arthur Upson with the collaboration of others wrote the second stanza. Thus, it happens that "Minnesota, hail to thee" which '04 contributed to posterity has some down through the years as one of finest university hymns of America.

This year the Class of '04 celebrates its twenty-fifth anniversary of graduation. To them it seems that it was just yesterday that they stepped down so gaily with their diplomas from the stage in the Old Armory. When they meet at their class luncheon June 17 there will be a lot of reminiscing. They will recall the Old Main Building which stood where Shevlin now stands and which was burned the year following their graduation so that the disaster can not be attributed to



Alice Warren (Mrs. Frank), former member of the board of regents, is one of the '04's on the committee for the reunion.

'04. They will tell us that at that time the campus ended where the Northern Pacific tracks ran through where the Law School, the New Library, the Administration Building, and the Stadium now stand. This class could stand on the campus knoll, let its eyes sweep from the old Student Christian Association along Pillsbury Avenue to the Armory and take in all that was then known as the main campus.

Medicine shared with Dentistry the building where Pharmacy now holds forth. Pharmacy shared with some of the medical sciences the building which Dentistry now occupies. The school of Education did not exist. The School of Chemistry did not exist. The School of Business Administration did not exist. The College of Engineering was located mainly in the building known as the Mechanic Arts Building, now occupied by the School of Business Administration. The Department of Chemistry was housed in the building which is now the Minnesota Union. Folwell Hall and the Physics Building had not been erected. The subject of Physics was taught in the Armory where the swimming pool is now located. Pillsbury Hall housed the departments of Botany, Zoology, Geology, and the School of Mines.

While '04 does not count itself old, its graduates who have not been back to the campus during this period will marvel at the extensive changes that have taken place in that comparatively short period. Members of this class will ask,

Milwaukee Alumni Report Excellent Meeting

Recently we received notice of the annual meeting of the Milwaukee unit of Minnesota alumni, which was held in that city on March 9. They had their annual banquet, business meeting with the election of officers, and some social entertainment.

According to George A. Schurr ('21), the newly elected secretary of this unit, about forty alumni were present, but as Mr. Schurr did not have these names written down at the time, he trusted his memory for the name of those present. They were: Mr. (Ex. '22) and Mrs. William Arnoldy; Mr. ('06E) and Mrs. George M. Albrecht; Mr. ('15E); '16) and Mrs. Earl H. Roberts; Mrs. Ross M. Foltz (Ida Campbell, Ex. '21); Ross M. Foltz ('19E); Muriel Smith ('22 Ed); Evelyn Purdy ('19Ed); Dr. ('15 D) and Mrs. E. A. Ellsworth; Ferdinand Brimeyer ('25E); Mr. and Mrs. R. C. Jonson; Dr. G. B. Brown (Marvin Cook ('28E); Mr. ('21E) and Mrs. Roy O. Papenthien; Mr. ('26M) and Mrs. Carl Scheid; Mr. ('23E) and Mrs. Samuel Sutherland; Leroy Schulze ('27E); John M. Newman ('23E); Mr. ('21) and Mrs. George A. Schurr.

During the short business session, the election of officers was held. C. R. Price ('20E) was elected president to succeed William F. Arnoldy; Ross M. Foltz succeeded Mr. Price as vice-president, and Mr. Schurr succeeded Evelyn Purdy as secretary.

This very active alumni group is especially anxious to have the names of all the people in Milwaukee and its suburbs who are Minnesota alumni and they would be particularly pleased to have you inform them of your whereabouts, if you have not already done so.

Plans are now under way for the annual Minnesota alumni picnic which is to be held on Saturday near the end of June. (Watch for the date!) If you would like to be included in this annual "good time for all," and if your name is not already on the unit list be sure to send your name to George A. Schurr at either the Aetna Life Insurance Company or at his home, 596 Oakland Avenue, Milwaukee, Wisconsin.

Noted '04's to Help Reunion



ALUIS KOVARIK



E. B. PIERCE



FD. ROGERS



Mose Strathern, is on the '04 Reunion Committee.

what has become of Mike Ryan, the campus policeman; Sid, the Rat Man, with his afternoon soliloquy; Argyle Buck, the venerable janitor of the Mechanic Arts Building and later custodian of military equipment in the Armory; and Captain Guild who used to keep his cow back of the Old Main Building and whose family had quarters in the south wing of that same structure. The '04 who has not been back since graduation will be so dazed by the altered appearance of the campus that his mind, seeking relief, will turn back to the senior class play and he will find himself humming again that masterpiece of their valedictory—the song, "Hades," sung to the tune of an old English ditty.

*Hades, Hades—Land where 'tis always noon,
Land of a name with a shady fame—
"Hot Time" 's your favorite tune.*

Hades, Hades, loud let your praises rise,

In regions infernal,

Your coal bills eternal,

Land of the lurid skies.

Lawrence to Talk at Annual Duluth Meeting June 3

The Northern Minnesota Alumni Association (Duluth and adjoining towns unit) has announced its annual meeting and party for Monday evening, June 3, 1929. James C. Lawrence, assistant to President L. D. Coffman, is to be the principal and only speaker at this meeting.

This unit has an exceptionally large membership, numbering over six hundred. Last year they reported over one hundred and twenty present, which record they hope to excel this year. Ellis J. Butchart ('21L), an attorney at law in Duluth, is the secretary of this unit.

New York Unit Royally Entertained on March 21

One of the largest alumni meetings ever staged by the New York Alumni unit was held on March 21 at the Commodore Hotel in New York City; 134 guests were present. Sigurd Hagen ('15), president of the unit, acted as toastmaster. Dean Frederick S. Jones, formerly dean of the College of Engineering at Minnesota, was the principle speaker and entertained his audience by reminiscences from his days at Minnesota. He also read a very interesting letter from Dr. W. W. Folwell, which was greatly enjoyed.

Carl J. Lomen, the reindeer, recently returned from Alaska, gave a very diverting talk on his experiences. Mrs. Lomen, formerly Laura Volstead, was also a guest of honor. To Will Hodson ('15), Edwin Rian ('22) and L. J. Sverdrup ('21E) fell the job, or honor, as you will of responding to toasts. The entertainment, other than the dancing which followed the dinner, was ably done by Inga Hill ('27Ag) and Howard Laramy ('24). They each contributed several songs, which showed such perfect training and finished art that they fairly swept their Minnesota friends off their feet.

There's Life in Coed Sports



Dash and action are evident whenever coeds engage in sports. Here are a group of University of Minnesota girls playing a game of baseball on Northrop Field.

Girls Show Athletic Prowess Equal to Males

COED athletic activities came to a climax on the annual field day, May 23, which was featured by three athletic events—a tennis tournament, track meet, and baseball game. The annual W. A. A. spring banquet in Shevlin hall at 6:30 culminated the day's events.

Presentation of the coveted Minnesota seals to three coed sports stars, Fanny Burnham (St. Paul), Gail Nesom (St. Paul), and Eleanor Mann (Minneapolis), was made by Dorothy Bennett, toastmistress, and president of W. A. A. Requirements for the winning of the seals are all-around ability as an athlete, high scholarship, character, ability in leadership, poise, and unselfish service to the University.

Silver loving cups for basketball and track were awarded to Gamma Phi Beta. Sigma Kappa received the baseball trophy; and the participation cup, which is awarded to the sorority adjudged to have shown the best sportsmanship and competed in the most activities, was awarded to Gamma Phi Beta. Sigma Kappa was given honorable mention.

Two coeds, Katherine Lounberg and Alida Turbak, were awarded M's for earning 1000 points in sports. Presented with 500 point pins were Doris Anderson, Helen Ginnaty, Leslis Hopper, Mildred Larson, Angeline Maskal, Sarah Jane Stone, Marion Kern, and Katherine Lawson.

Scoring 402 points, the Juniors won the track meet which was the first event of the day, beginning at 1:15 o'clock. The Sophomores came in second with 265 points. The Freshmen garnered 180 points, placing third. The Seniors did not enter the meet.

By
Joyce Ireton ['13]

An honorary varsity track team was selected by Winona Jones and Pauline Lane, faculty advisors, and Louise Cornell, student head of track. Coeds chosen were: Joyce Crysler (freshman), Adair Simpson (junior), Mildred Larson (junior), Louise Cornell (junior), Ruth Evans (sophomore), Elizabeth Wise (sophomore), and Charlotte Marks (Junior). Elizabeth Phillips (freshman)



Archery is a favorite sport with coeds. Many gain great proficiency in this ancient method of defense which requires great skill and ability.

and Phoebe Bleeker (junior) were given honorable mention.

Events participated in and the winners were: dash, Ruth Evans; running broad jump, Adair Simpson; hurl ball, Louise Cornell; high jump, Adair Simpson; standing broad jump, Ruth Evans; javelin, Elizabeth Wise; hop-step-jump, Mildred Larson; baseball throw, Elizabeth Wise; hurdles, Dorothy Anderson; discus, Elizabeth Wise; relays, juniors.

Helen Sankovitz defeated Eleanor Mann, last year's tennis champion, 6-3 and 7-5, in two fast played, well matched sets as the second athletic event on the day's program. By winning the tournament, Miss Sankovitz is eligible for the semi-finals in the all-university tennis tournament. Many spectators viewed the match which was umpired by May S. Kissock.

The final sports event of the day was the interclass baseball game which resulted in the sophomores defeating the juniors by a 28-12 score, thus winning the W. A. A. baseball championship. In the first three innings the sophomores piled up 26 points to their opponents 3. Although the Juniors staged a rally in the fifth inning and made nine runs, the previous advantage gained by the Sophomores was sufficient to give them an easy victory.

Women chosen for the all-star varsity baseball team were: Beatrice Davies, catcher; Susan Finch, pitcher; Frances Fischer, first base; Dorothea Nylin, second base; Virginia Collins, third base; Lillian Kurke, shortstop; Helen Slocum, left field; Regina Joesting, center field; Arlene Snure, right field. Honorable mention was given to Sarah Jane Stone, Ruth Walker, and Bernice Davison.

All Set for June 17

THE biggest, the best, the most novel entertainment ever offered at an alumni banquet, is the claim that '04 is putting forth in their publicity for the alumni reunion and banquet to be held in the ballroom of the Minnesota Union on June 17.

Let us examine the advance forecast. John Plank, sophomore in the School of Business Administration who is "whistling his way through college," literally, figuratively and financially, will give a demonstration or two of his ability. That sounds good for a starter. Then Mrs. Edgar F. Zelle (Lillian Nippert Ex. '15), wife of the immediate past president of the General Alumni Ass'n, will give a violin recital. Then John Seaman Garnes ('15), of the MacPhail School of Music will give two or three of his inimitable readings. They are guaranteed to give you a good laugh or two. The popular WCCO Quartet that entertains thousands of radio fans will give a demonstration of how they perform over the ether. Interspersed with all this superb talent will be group singing led by Archie Jones, of the voice department of the Department of Music, and there will be music by the University Symphony Orchestra under the direction of Abe Pepinsky.

How's that, say the '04's, throwing out their chests? O. K. say we!

All this and the dinner thrown in, for \$1.50. The best entertainment, the best music, the best food in years. Better come!

The '04's want to remind every alumnus that while the quinquennial classes whose numerals end in 9 and 4 are to have their fifth year reunions this year, each alumnus, no matter what his or her year of graduation or intended year (if not a graduate), is invited, expected, and urged to attend. Places for each class are reserved at the tables. Will we see you there on June 17? Come back for the whole day: commencement in the morning, luncheon with your class at noon, tour of the campus and visit new buildings in the afternoon, alumni reunion and banquet in the evening. Why not?

Clip the blank at the bottom of this column and send it to the alumni office.

Make Your Reservation Now

General Alumni Ass'n.
119 Administration Bldg.,
University Campus.

Yes, I'll be with you on June 17.
Reserve covers for me
at \$1.50 each.

Name Class

Address

Classes

The names mentioned under these quinquennial reunion classes are of those in charge. Other classes not mentioned are also planning reunions. Plan to attend.

'79

JUDGE C. H. ROCKWOOD GEORGE H. PARTRIDGE

'84

MRS. WALTER CHAPIN (SUSAN W. SEWALL),
St. Paul.

'89

WALTER L. STOCKWELL MRS. W. J. MARCLEY
GRATIA COUNTRYMAN MRS. C. T. MOFFETT
Luncheon, Monday noon, at Woman's Club.
Visit campus and note the great changes
(afternoon). Perhaps call on Uncle Billy
Folwell.
Evening—attend alumni dinner in a body.

'94

CHARLES H. CHALMERS GEORGIA BURGESS
Have had class reunion every year since
graduation.
Reunion—Luncheon Time.
Attend alumni dinner.

'99

DR. S. H. BAXTER, chairman LAURA HENRY
G. S. Phelps from Japan expects to be here
for Alumni Day.

'04

Quarter-century class. In charge of program:
Alois F. Kovarik, Cyrus P. Barnum, Anne
D. Blitt, William A. Brand, Leora Easton
Cassidy, Ruth Cole Chase, Richard D. Col-
lins, Stewart Collins, Clarence E. Drake,
Neil Dunagy, Alice Bean Fraser, Ervin R.
Frissell, Haldor B. Gustason, Robert O.
Green, William A. Grey, William H. Hale,
Elsie Foulke Haney, Fred J. Harms, Har-
riet M. Hayes, Jennie Hiscock, Benjamin
G. Hoerner, John E. Hynes, Michael A.
Kiefer, Merton Kingston, Lulu Verhaeren
Lovell, Hugh E. Leach, Owen McElmeel,
Arthur J. McGuire, Wm. Allison McMann-
ing, John P. Nichols, Marshall A. Nye,
Wm. H. Oppenheimer, Hans M. Orfield,
Robert W. Otto, Ernest B. Pierce, Truman
E. Rickard, Ruth Rosholt, Patrick J. Ryan,
Blanche Hull Savape, Elizabeth B. Scrip-
ture, John W. Smith, Raymond E. Stanton,
Moses L. Strathern, Jennie L. Teeter,
Joseph Thomson, Charles J. Wallace, Alice
Rockwell Warren, Albert B. Welles, Laura
Gould Wilkins.

Planning memorial. Luncheon, Monday at
one o'clock, Minnesota Union. Afternoon,
visit campus. Evening—attend dinner in
a group.

'09

MARY TOOMEY DORSEY ESTHER CHAPMAN ROBB
HAROLD CANT
Monday, Luncheon, 12:30, Minnesota Union.
Afternoon, visit campus. Evening, attend
dinner in a body.

'14

NORMAN MITCHELL SPENCER CLELAND
HAROLD ROCKWELL
Attend Commencement. Attend alumni din-
ner in a body.

'19

PAUL JAROSCAK CATHERINE HARTZELL SMITH
OWEN H. WANGENSTEEN
Attend alumni dinner in a body.

Students, a Powerful Group

STUDENTS and faculties who com-
pose our college groups are a pros-
perous, powerful, and influential body in
American life," Henry W. Chase, presi-
dent of the University of North Caro-
lina, told the graduating seniors of, Min-
nesota at the Cap and Gown day con-
vocation in the Armory on May 16.

The Cap and Gown day program
opened with the traditional march led
by the band. The senior class in aca-
demic garb followed across the knoll and
parade ground to the Armory. John A.
Priest, president of the senior class, pre-
sented the class of 1929 to President
Lotus D. Coffman and the faculty.

"I pledge our loyalty and devotion to bet-
ter citizenship," Mr. Priest declared. "It is
the purpose of the class to develop a spirit
of comradeship, a spirit of personal interest
during the rest of our undergraduate days.
In the last analysis the highest academic
standard is the scholastic, and the class has
been true to that standard."

"The spirit of interest and enthusiasm dis-
played by the senior class of 1929 is a
laudable one," President Coffman declared in
his response to the presentation on behalf of
the faculty. "There is no event in the Uni-
versity year greater than this day we have
set aside to review the scholastic achieve-
ments of the senior class."

The entire country is at present en-
gaged in a tremendous educational ex-
periment, Dr. Chase said. He spoke on
the topic "Scholarship and American
Life."

"In the 975 colleges and universities there
are 329,000 students enrolled, and the main-
tenance of these colleges represents an in-
vestment of \$479,000,000 a year," he said.
"This enormous expenditure for education
can only be justified by its results, and
among those results must be an improve-
ment of the capacities of mankind."

"All institutions of higher education are
effective training grounds for careers, but
unless there has grown up in these institu-
tions the flame of intellectual life, they have
failed of their purpose."

The complete list of students elected
to the various honorary societies was
read by President Coffman. The names
of the various prizes were printed on the
programs, but were not announced from
the platform.

It is, of course, impossible to give the
long list of honor winners in the MIN-
NESOTA WEEKLY, so we content ourselves
with the publication of the names of
those elected to Phi Beta Kappa, which
is the leading honor:

Elizabeth Adams, Louise Barthelemy, Lu-
cille Bayer, Dorothy Bonnell, Vernon Chris-
tianson, Veronica Collins, Charles Connelly,
Carl Corse, Bessie Dworsky, Elizabeth Ebel-
ing, Robert French, Dorothy Gander, Kath-
ryn Gorman, George Haslerud, Elmer Hil-
pert, John Hynes, Harvey Jackson, Joan
Johnson, Frances Julian, Lorraine Kranhold,
Phillip LeCompte, Charlotte Lisat, Theodore
McCrea, Donald Mears, Alan Moore, Harriet
More, Floyd Nelson, Otto Overby, Isadore
Pass, Bernice Peterson, Harriet Pratt, Vir-
ginia Purser, Edith Quamme, Elsa Rendahl,
Isabel Rosenstein, Russel Sather, M. Nordau,
Schoenberg, Marjorie Schroer, William Swan-
son, John Stellwagen, Myrtle Sutherland,
Cornelia Taylor, Alice Warren, Leland Wat-
son.

'U' Band to Banquet May 28

THE ninth annual University band
banquet to be held May 28 at the
Oak Grove hotel will serve as the tradi-
tional farewell to the graduating mem-
bers of the band, according to an an-
nouncement made by Bruce H. Canfield,
general arrangements chairman. Many
alumni will attend.

Minnesotans

In the Day's News



Crime and Comstock

Ada Louise Comstock (Ex. '96), president of Radcliffe College, Cambridge, Mass., and the first dean of women at the University of Minnesota, is the only woman member selected by President Herbert Hoover to make up the newly appointed law enforcement commission.

Miss Comstock was born at Moorhead, Minn., and was educated at the University of Minnesota. After receiving her degree in the east she returned here as a professor of rhetoric. She was appointed the first dean of women on the campus and filled that position until 1912.

She left here to become president of Smith College from which position she resigned to become president of Radcliffe. Radcliffe offers the same courses under the same instructors as Harvard University. Degrees are signed by the presidents of both institutions.

Firkins Defends Burton

Prof. Oscar Firkins rose to the defense of "Dicky" Burton in the Pulitzer prize award controversy last week, in a letter to the *Minnesota Daily*, which we take leave to publish herewith:

Richard Burton from a university platform said certain things which might have been wiser not to say, things perhaps which he had not meant to say, things possibly which, in the blurs and shifts of reminiscence, he was not disposed to admit that he had said. His denial, if it be authentic, was sincere; the worst of men, if he were not also the dullest, would not wilfully distort his account of an act which had taken place in the hearing of hundreds of witnesses. There is no proof that the animus of his rejection of Upton Sinclair's book was anti-socialistic, and, incidentally, one is rather skeptical of the impartial charity of Upton Sinclair on a Pulitzer jury weighing the claims of a novel in praise of capital from the pen of John D. Rockefeller or Andrew Mellon. The charge, then, against Richard Burton reduces itself to indiscretion with a sprinkling of inaccuracy. Now it is right that indiscretion in a public speaker should be detected, should be called by its name, should be measured, and should be duly and discreetly blamed. With all this no just and thinking man can have a quarrel.

The situation, however, has quite another look when a fault of this kind is pursued with the persistent and consistent virulence with which this fault has been pursued in the columns of *The Minnesota Daily*. Is youth, then, so unmerciful toward impulse? Are indiscretion and inaccuracy the faults that should provoke the ire of journalists? Why should either staff or University raise an outcry against a man whose fault amounts to this, that he told the staff and the University something that they were both eager and glad to hear? If Richard Burton in the buoyancy of his immortal youth climbed a neighbor's plum tree, is it for those who stood on the ground and caught at the plums to shake their heads and point their fingers at this unheard-of violation of the rights of property? Of that deplorable editorial of May 14th, in which all the charities and decencies are taken leave of, I forbear to speak, lest in the heat of my recoil, I too should part from that benignant company, and leave too deep a wound upon a heart not wanting in the seeds of generous remorse.

To sum up, Richard Burton is the most humane, the most generous, the most brotherly and affectionate of living men. No man can possess that warmth and spontaneity which are his peculiar and resistless charm without some liability to impulsive error; and no creature with a man's soul in him will think that he pays too high a price for these supreme advantages in granting



President Herbert Hoover has added another famous Minnesotan to his already long list of Gopher State advisers. He has appointed Ada Comstock to his Crime Commission. Miss Comstock was a former Dean of Women here.

instant, cordial, and eager forgiveness to the errors that may follow in their wake.

O. W. FIRKINS.
P. S. One fact by way of postscript. The board of directors for the Pulitzer prizes has the power to overrule the decisions of the judging committee, and DOES exercise that power, even where the conduct of the jury-men is unimpeachable. I have served on a Pulitzer jury myself.—O. W. F.

Sparks

From the Collegiate Campus



Attorney Declares Last Legislative Act Unconstitutional

The legislature which recently decreased the University's appropriations a million dollars is unconstitutional, and every act passed by it deprives the people of the state of property without due process of law.

Such is the contention of Mart M. Monaghan, attorney for a group of taxpayers who are fighting the paving of trunk highways throughout the state before the district court of the United States.

Failure to comply with the provisions of the state constitution is given as the basis for the claim that the legislature is operating in defiance of the document under which it operates.

Dr. Jenks to Leave on Second Mimbres Expedition Next Week

The last details delaying Dr. Albert E. Jenks' anthropological expedition to the Southwest will be ironed out next week when signatures of the men responsible for the trip will be obtained.

Gopher Sports

By Fred Fadell



Nine Defeats Indiana Twice

INDIANA'S baseball squad suffered two defeats during its two-day stay here while the Gopher ball players demonstrated to fans that they were capable of breaking into the win column despite the heavy odds placed against them at the beginning of the Big Ten season.

As a result of the pair of victories, Coach Dutch Bergman's outfit is resting in seventh place in the Big Ten standing after having been held down to the cellar post as a result of three early-season losses.

The first tilt was played on Northrop field May 17 with the home team pounding out a 9-7 win over the reputed Hoosiers. Clarence Osell started at the mound but was knocked out of action in third inning by the Hoosier sluggers who found the Badger pitcher's slants rather easy to swat in the general direction of the Stadium.

Claire "Lefty" Rognien relieved Osell and hurled effective ball, at least it was effective enough to defeat the Hoosiers. He was touched for hits in each inning by Coach Everett Dean's men and in the fifth frame Paul Harrell, stocky heavy-hitter, socked out a homer to dishearten the Gophers temporarily until Earl Loose laced out a three base hit and Captain Tanner followed him around the bags by swatting a homer in deep center field to put the Minnesota team in the lead.

The Gophers took their second game from their Hoosier rivals the following day on Northrop diamond by a 13-8 score. A total of 24 hits were marked in the score book and 11 errors were chalked up against both teams.

Gus Bjorgum returned to the pitcher's box after a day's rest and allowed 12 hits which were not too many to give the Hoosiers the game, as Veller and Bell, Coach Dean's twirlers, allowed the same total to the Gopher sluggers.

Errors in the infield and outfield made both teams appear ragged and unprepared for real competition. As it was, the Gophers made one error less and displayed slightly more power at bat thus finishing on the long end of the score. Paul Harrell of the Hoosiers connected with two homers during the game, but his heavy slugging did little to reverse conditions.

Mickey Ascher, shortstop, received an ankle injury during this second game and will probably be lost to the Gophers for the remainder of the season, according to Coach Arthur Bergman. Ascher's absence in the lineup will not be a too severe blow for Bergman's men, however, as Earl Loose has been transferred to the shortstop position and has been holding down the berth satisfactorily in practices held on Northrop.

Iowa Beats Gopher Tracksters

Being able to gather only 40% points while their opponents romped freely over the Iowa City track to score 90% counters, the Gopher tracksters received a severe jolt last Saturday, May 18, and

were sent back to Minneapolis as a disheartened squad of cinder pounders.

George Otterness, Elton Hess and Canby were to enter into a hard pole-vault fight, but Otterness dropped out at 12 feet 6 inches while his team-mate and the Iowa ace tied for first at 13 feet 3½ inches. Entered in four events, George Otterness was cautioned not to try for first in the vault in order to reserve his strength for the hurdles, javelin throw and high jump. Together with his third place in the pole-vault, the Willmar athlete captured second in the high jump, losing to Edward Gordon, six foot, five inch negro from the Iowa school.

Gordon a member of last year's Olympic team as a broad jumper, soared 23 feet 4½ inches in this event Saturday against Captain Ted Catlin of the Gophers. Catlin also placed second to Baird of Iowa in the 440-yard dash. Baird rounded the oval in 48 and nine tenths seconds, but was aided considerably by a strong wind at his back.

The summary:

100 Yard Dash—Baird, Iowa, first; Stevenson, Iowa, second; Pape, Iowa, third. Time, :09.9.

220 Yard Dash—Stevenson, Iowa, first; Rhea, Minn., second; Pape, Iowa, third. Time, :21.3.

440 Yard Dash—Baird, Iowa, first; Catlin, Minn., second; Ferguson, Iowa, third. Time, :48.9.

Half Mile Run—Moulton, Iowa, first; Gunn, Iowa, second; Wieseger, Minn., third. Time, 1:58.1.

One Mile Run—McCannon, Iowa, first; Strain, Minn., second; Turner, Iowa, third. Time, 4:33.4.

Two Mile Run—Anderson, Minn., first; Gunderson, Iowa, second; Kelly, Iowa, third. Time, 9:46.7.

120 Yard High Hurdles—Falling, Iowa, first; Piepgras, Minn., second; Jacobs, Minn., third. Time, :15.

220 Yard Low Hurdles—Falling, Iowa, first; Geneva, Iowa, second; Morrison, Iowa, third. Time, :34.4.

Shot Put—Forwalt, Iowa, first; Roberts, Iowa, second; Johnson, Minn., third, distance, 46 feet, 10½ inches.

Pole Vault—Canby, Iowa, and Hess, Minn., tied for first; Otterness, Minn., third. Height, 13 feet, 3½ inches.

High Jump—Gordon, Iowa, first; Otterness, Minn., Workhoven, Iowa, and Craig, Iowa, tied for second. Height, 5 feet and 11½ inches.

Discus Throw—Johnson, Minn., first; Hauge, Minn., second; Forwalt, Iowa, third. Distance 135 feet, 4 inches.

Broad Jump—Gordon, Iowa, first; Dinsker, Iowa, second; Catlin, Minn., third. Distance 23 feet, 4½ inches.

Tennis Men Rate .500

Coach Phil Brain's tennis team finished the conference season with a .500 percentage as a result of a win over the Hawkeyes on the Washington Ave. courts Saturday, May 18.

The Gophers took four of the six singles and the three doubles matches. Captain Stuart Cornell wound up his conference tennis career by defeating Wallace, the Hawkeye star in straight sets 6-0, 6-1.

Golfers Win Over Wisconsin

The Minnesota varsity golfers scored their second conference victory of the season by subduing the University of Wisconsin team by a 17 to 7 score at Madison last Wednesday, May 16. The Gophers won two singles, halved one and lost one, and copped both doubles matches.

William Fowler, Fargo, N. D., turned in the best performance of the day by shooting 72 in each of the two rounds, while Lester Bolstad, Gopher captain, account for 5½ points.



Michael Gary, better known as "Mike", noted guard on last year's eleven, has been appointed head coach at Kalamazoo Normal (Michigan), to succeed Earl Martineau ('24), who has gone to Purdue, as assistant coach.

The University News Budget

The Week on the Campus



Sororities to Save Money Plan Cooperative Buying

Preliminary vote taken in Panhellenic meeting last week indicated acceptance of an initial co-operative buying plan when votes of nine sororities were presented in favor of the measure with none against it. Votes of the other sororities have not yet been taken but from the initial returns, a one-year trial of the proposal seemed inevitable.

The vote on co-operative buying project followed an all day series of round table conferences attended by representatives of every academic sorority on the campus. Six round table discussions were conducted during the day in the Shevlin hall ballroom and the green dining room at which about 150 girls were present.

New Frosh-Week Chairman and Committees Begin Work

"Help Us Help You" has been designated as the slogan for 1929 Freshman week, according to Millard McCabe, general student chairman. The committees have been chosen and plans are under way for the students' part in welcoming between 3,000 and 4,000 new students to the University campus next fall.

Dr. Burton Resigns from Pulitzer Prize Committee, Campus Hears

Resignation of Dr. Richard E. Burton, former professor of English at the University of Minnesota, from the chairmanship of the Pulitzer fiction awards jury has been announced. Dr. Burton is alleged to have made a premature announcement of the Pulitzer prize novel for this year in lectures during the first week of the spring quarter on the Minnesota campus.

Daily and Ski-U-Mah Leaders For 1929-30 Announced

Managing editors and business managers for *The Minnesota Daily* and *Ski-U-Mah* were announced for next year at the seventh annual Publications banquet in the Minnesota Union on Wednesday May 22.

Harrison Salisbury and Nordau Schoenberg were announced as managing editors of *The Minnesota Daily* and *Ski-U-Mah*, respectively, while the present business managers of the two publications, Elbert Hartwick and Hal Kelley, were designated to serve another year.

John Hanson, representative from the professional schools, was elected president of the incoming Board of Publications, succeeding Raphael Schlingerman, retiring president.

Fourteen silver matrices and three gold matrices were awarded by the Board of Publications to students serving on *The Minnesota Daily* and *Ski-U-Mah*. Gordon Roth, managing editor of the *Daily*; E. Willard Jenson, advertising manager for the *Daily*, and Teguel Grondahl, editor-in-chief of *Ski-U-Mah*, received the gold matrices.

Two years' service with merit in an "A" position on one of the major publications on the campus is the requirement for the gold matrix award. Remy L. Hudson, managing editor of *Ski-U-Mah*, and Elbert Hartwick, of *The Minnesota Daily*, received gold matrices last year.

Major Griffith Promises Bigger 'Big Ten'

Looking forward to a larger conference season than ever, Major John L. Griffith, Big Ten athletic commissioner, told guests at the College of Education banquet at the Leamington hotel on May 22 about the work in the Big Ten and its relation to education.

"The conference this year will be larger than ever," he said. "Last year there were 132 intercollegiate teams entered. Of these Minnesota entered 14."

Edith Halsey, of the University of Iowa, and Harry Gage, president of Coe college, Iowa, also gave short speeches.

Gopher Supplement Issued on Campus Sells at 50 cents

Gopher supplement editors have introduced a special section of graduating leaders to take the place of the Representative Minnesotan section. The leaders, including 10 men and 10 women, were selected by the Gopher editors. The following graduating seniors form the group: Lester Bolstad, George Gibson, Fred Hovde, Gordon Mackenzie, Lawrence Johnson, John Priest, Gordon Roth, Raphael Schlingerman, Harold Stassen, Louis Schaller, Rachel Hanna, Ida Olin, Norman Everett, Pauline Moorhead, Virginia Neiss, Margaret Slocumb, Maurine Schmitz, Florence Pitman, Miriam Wedge, and Mary Symons.

Blase Seniors Tote New Walking Sticks

Seniors will assume a blase attitude towards underclassmen until June 15, and from now until graduation will jauntily swing canes for the first time since they have been in the University. This is a tradition of several years standing.

Minnesotans You Should Know:



If one were to judge by this picture of Earl Constantine ('06) one would say, "Tis a good day for golf!" But this is probably just a nice "look pleasant, please" picture taken on Sunday. After graduation he was an instructor of Romance Languages in the Spokane High School; then he was organizer and manager of the Employer's Association of the Inland Empire (Spokane); in 1914, he became Manager of the Employer's Association of Washington and in 1916 became Executive Secretary of the National Industrial Council and also in 1922, was made Managing Executive of the National Association of Manufacturers in New York City. He resigned this position in 1925 and is now associated with the Federated Business Publications, Inc. He is also very active in the Western Universities Club.

Engineering, a wonderful course for training the mind, whether you actually move mountains, discover new uses for electricity, or build unusual and weird airplanes. W. A. Choven ('91E) graduated from this school and after spending some time on various engineering projects entered the insurance business in the claims department in New York City. He held several important positions with many insurance companies among which was a position as Resident Secretary of a German company which was forced to withdraw during the World War. He then organized the California Inspection Rating Bureau in 1915 and became its manager and still retains that position. We hope Mr. Choven is still as enthusiastic about Minnesota as he was a year or so ago.



When Hibbing, Minnesota was moved to uncover an iron mine, it was considered a great engineering feat. Minnesota has among her alumni an engineer that has accomplished almost as great a feat, maybe some would consider it greater. He has moved a lake to uncover a silver mine! The man who accomplished this job and who is pictured here is Samuel W. Cohen ('03E). His opportunity came when he took charge of the Canadian Crown Mining Company, Limited, as superintendent. As general manager of the Crown Reserves Company, Mr. Cohen has directed explorations and examinations of mining properties all over the continent of North America and is at present acting as consulting engineer to several large mining companies.



Speaking of Personalia

'94—The death of Mrs. Jane Bliss Potter occurred on April 4, 1929, in Washington, D. C., where she was visiting her son, Alden A. Potter ('09Ag). Mrs. Potter spent the last year abroad, in motor trips with her daughter, Mrs. Jessica Broderick, of Scarsdale, New York. Mrs. Potter was prominent in civic and women's club affairs and a leader, both in Minneapolis, where she has lived for 47 years, and in Washington, in the campaign for equal franchise for women.

'95; '96L—Attorney General William DeWitt Mitchell and Mrs. Mitchell are coming to Minnesota in June to open their summer home at Dellwood, White Bear Lake, for the summer.

'96—We had an announcement from the *Viking Press* that Dr. Benjamin C. Gruenberg has joined its editorial staff. The offices of the Press are located in New York City.

'96—Mr. Lee Galloway has left New York to come to Wahkon, Minnesota, where he is established for the summer.

'96; '99L—In the evening paper of May 21, we found the announcement of the death of John N. Berg, 61 years old, author of the street fund centralization

Amendment to the city charter and retiring head of the Hennepin County Bar Association. To quote the paper, "Mr. Berg died today after a short illness."

'03E—As we have told you before, Barry Dibble is a consulting engineer in Redlands, California, and is having great success. We recently received clippings from the *Redland Facts* which gave an account of Barry Dibble's plans for the new projects now under construction in Mexico, and goes on to explain how the vast acreages of Mexico will be made to yield.

'08E—Alfred W. Schoepf has gone from Fairmont, West Virginia to Sao Paulo, Brazil, where he has accepted a position as chief engineer of the Sao Paulo district for the *Emprezas Electricas Brasileiras* (the name of a company) whose headquarters are in Rio de Janeiro. Mr. Schoepf says that this company has a large number of hydro-electric plants all north of Sao Paulo and supplies practically all of the power in the coffee raising regions. "Sao Paulo is a nice city of about 800,000 and on account of a large number of factories is called the "Chicago of Brazil." It is

growing very rapidly and one can notice new building going on every where. Many American manufacturers have opened up plants here and more especially automobiles are practically all American made."

'19E—Arthur P. Peterson has returned to Minneapolis and is in business for himself as Business Counselor. He has recently returned from Baltimore, Maryland where he was the secretary of the *Electragists Internationale*.

'20—Ella B. Watland has been on the staff of the Southern Alameda County Welfare Board for over a year. Dorothy E. Coolidge ('25), is a new member of the Board located at Hayward, California. Both Miss Watland and Miss Coolidge are doing rural welfare work throughout Alameda County.

21—I believe we have mentioned previously that John B. Goodwin has given up his position as business manager of the College of St. Thomas to become associated with the *Publix Theaters* in New York, but we received such a newsy letter from John's wife, Alice Buckley Goodwin ('21), that we must repeat this bit of news and ad more. Let Mrs. Good-

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win speak for herself. "We had a very interesting trip driving from Minneapolis to New York in February in our 'fliver.' Outside of ice and bad roads in Wisconsin we had beautiful sailing. . . . I am doing advertising work with an aeronautical publication and our offices are across Times Square from each other. We should like to have some of the New York alumni get in touch with us. (Hotel Claridge, Broadway at 44th). The only ones we've met so far are Gertrude Hartman ('18), and A. J. Dowd ('19E). Gertrude is now head librarian at Jackson Square Library. She reports among her interesting conferences those with Willa Cather and the half-brother of ex-Kaiser Wilhelm. Archie is a development engineer with Western Electric devoting his time to sound equipment for motion pictures. Speed along that next issue of the Weekly."

'22E—May and June are the proper months to tell about weddings, never mind if we are a year late, June is June, and so is May. On June 30, 1928, John E. Sorensen was married to Thelma Wirtenberger ('25HE), in Minneapolis. Since that time they have done quite a bit of travelling. They started by taking a honeymoon trip to Yellowstone Park, which Mr. Sorensen says "is a place of beauty and of majestic grandeur—an ideal place for a honeymoon." At present he is temporarily with the New York Telephone Company in Albany and says that it is a pleasant change from the spring and summer of Chicago. Let me quote from Mr. Sorensen's letter in which he describes some lovely scenery. "To one whose view has lately been of brick walls of flats and factories, it comes as a relief to lift one's eyes and follow the windings of the Hudson River as it makes its way toward the big city, and to see beyond it the dark outlines of the Catskills in silhouette against the southern horizon. With these and the Berkshires, Green, Adirondack mountains and numerous lesser hills but a matter of a few hours drive from here, the probability of a pleasant summer-time is already a certainty."

'23—June is to be the month of the marriage of Herbert M. Fish of Aberdeen, South Dakota to Louise Frances Thorne of Minneapolis. Miss Thorne attended the University of Minnesota, but graduated from the University of North Dakota. She is a member of Delta Gamma sorority.

'24—During the past school year, Margaret D. Brandt, has had the interesting experience of being one of the first group

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to have a celebration of its own and to be present to witness the commencement procession ✠...

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Look for Complete Details on Page 596 in This Issue

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of students admitted to the recently established Graduate Library School at the University of Chicago. This school, made possible through a Carnegie gift, is a new venture in the library world, and differs in its objective from other library schools, in that it is entirely devoted to research, in the field of librarianship. Miss Brandt says, "The number of students was limited to ten, and those of us who were so fortunate as to be admitted, to the first class, have a feeling akin to that of pioneers! I am enjoying the Weekly as much as ever, and look forward to its coming."

'24E—In our issue of May 11, we made a gross error, or I should say, two errors. Joseph M. Juran is the new chief of the Inspection Results Division of the Western Electric Company of Chicago, not of the A. T. and T. Company. It is Stephen Foster Darling, not Farling, who has recently gained his Ph.D. at Harvard University.

'25M—We had a letter from far away Australia, where V. I. Mann is stationed for the Ingersoll-Rand Company. His address is Mt. Isa Mines, Ltd., Mount Isa, North Queensland, Australia. He says that life down in Australia is much different from that at home, and he also adds that life has treated him quite well, with only the usual number of minor complaints. "It certainly would be a pleasure to run into some Minnesota graduates down her, but I believe they are few and far between. My work has taken me just about throughout the whole of Australia, into the different mining camps and centers." According to Mr. Mann's letter, the particular section where he is located is still in the territory not included in regular travel, and therefore does not show even on the map. He sends his regards to everyone and especially to those in the athletic department.



A CALENDAR FOR THE BUSY MINNESOTAN

On the Campus

- May 27—Golf, Northwestern vs. Minnesota at Minneapolis.
- May 28—Music Club Vaudeville in Music Auditorium.
- May 28, 29—Golf, Big Ten Conference in Minneapolis at Interlachen Golf Club.
- May 30—Baseball, Iowa vs. Minnesota at Iowa City.
- May 30, 31, June 1—Arabs present "Enginero" in the Music Auditorium.
- June 1—Baseball, Northwestern vs. Minnesota at Evanston.
- June 1—"Why Mary," Third annual release of Shadow Studios.
- June 3—Baseball, Chicago vs. Minnesota at Chicago.
- June 6—Convocation, 11:30 in the armory. Carl Sandburg, speaker.
- June 8—Baseball, Wisconsin vs. Minnesota at Minneapolis.
- June 17—Commencement and Alumni Day.
- June 21-July 1—Geneva Student Conference at Lake Geneva, Wisconsin.

Down Town

- State Theatre—"The Desert Song." The second week of the screen's first musical play.
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The interior of the lobby of the Naniboujou club is decorated in beautiful, bright colors, in Cree Indian designs.

Naniboujou Club to Open Soon

In a luxurious setting hewn out of the wilderness about 125 miles north of Duluth, along the shores of Lake Superior, is the new Naniboujou Club, a unique summer development project, which is being prepared for the grand opening celebration the latter part of June.

Already some 750 leading business and professional men of the United States and Canada are enrolled in the club, a large number of whom are planning to build their own cottages along the Arrowhead river, which runs through the large 3,300-acre reserve. Many are alumni of Minnesota.

The club building, of Normandy design, is two stories high facing the mouth of the Arrowhead river and majestic Lake Superior. There are 50 rooms in the clubhouse, with a large lobby in the center, entirely handpainted in Cree Indian designs. An additional wing to contain a large dance floor and dining hall will be finished in time for the grand opening.

The main building was completed last fall and inquiries are already coming in to club officials from all sections of the country, asking about the opening and the plans for the coming summer season, according to Otto Swanstrom, president of the club. Mr. Swanstrom is head of the Minnesota Automobile Association and one of the best known sports enthusiasts in the northwest. The club's executive offices are in Duluth.

Further development includes a golf course, tennis courts, dock, bathhouses and a hunting lodge at McFarland lake, 12 miles northeast of the club building.

Governor Theodore Christianson of Minnesota, a member of the club, and prominent officials of the state, Duluth, Twin Cities and many other towns are to be invited to participate in the formal opening of the club late in June, according to Mr. Swanstrom. Several thousand persons are expected to take part in the ceremonies. Dean Charles M. Thompson of the college of commerce of the University of Illinois, who is a vicepresident and one of the directors of the club, will head a large Illinois delegation coming to the celebration. The formal dedication of the reserve took place last fall.

C. M. Babcock, state highway commissioner, has announced that a new concrete bridge with sidewalks and lanterns will be built over the Arrowhead river this year, as well as the extension of the No. 1 pavement from Knife River to Two Harbors and the oiling of the entire road from Two Harbors to the club property.

What to Do in Minneapolis

Eddie Dowling, one of Broadway's greatest Musical comedy favorites is seen and heard for the first time on the screen at the *Minnesota* in "The Rainbow Man," an all-talking romance. Marian Nixon, former Minneapolis girl plays the leading feminine role.

The plot has to do with a small town minstrel, portrayed by Dowling, who meets a little girl in a Southern town and falls in love with her. He loses his job through a misunderstanding and goes to New York penniless, to hunt for work. After many heartbreaks he finds a job and returns to the South with another minstrel troupe. While playing in the same town which was the scene of his love affair he sees his girl in the audience and stops in the middle of his song to plead with her for forgiveness. An unusually thrilling series of events leads up to a happy ending of this picture.

"Varieties of 1929," a peppy, colorful revue is offered on the stage with Johnny Perkins, 340 pounds of fun; Dave Gould Girls in dance varieties, Rudolph Elton Trio, Dorothy Drakely and the Six Lucky Boys, exponents of the Muscle building art.



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Of course Minnesota's alumni must already be familiar with the marvelous service which is given them by the management of the *New Nicollet Hotel*, which, you know, is the official Intercollegiate Alumni Hotel in Minneapolis. However, for the benefit of those who are unfortunately uninformed as to the pleasantness of a visit to this hotel, let me repeat that it offers the best in cuisine, rooms and service!

The *Cunard-Anchor Line*, one of the oldest steamship lines in the world, reminds you that "The Old World Beckons You for that Summer Vacation." If you heed its call, or wish to do so, be sure to see the local representative or write to this most dependable of travel lines.

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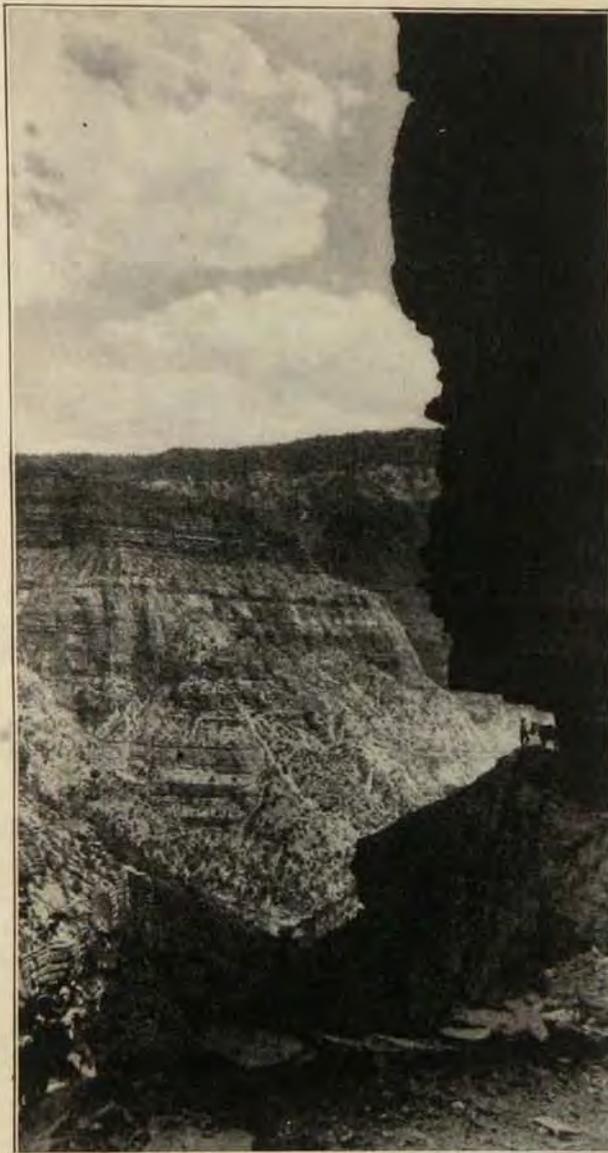
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"Regardless of nationality, all travelers are required to be in possession of passports, issued by the country of which a citizen and visaed before starting by the Consuls of the countries to be visited.

"U. S. Citizens should make application to the Clerk of the nearest district court, except where there is a passport agency representing the State Department. Personal application must be made for your passport and you should take with you a U. S. Citizen who has known you at least two years.

"You will require two signed photographs, 3x3 inches (head and shoulders) and a copy of your birth certificate, or, in lieu of this, an affidavit from a U. S. citizen, preferably a relative, who has known you for at least 20 years. An old U. S. passport will suffice in lieu of evidence of citizenship and witness.

"A man and wife, wishing to travel on one passport, should have their picture taken together; minors traveling on parents' passports should be shown in one picture.

"The cost of a U. S. Passport at present is \$10; a Canadian passport \$5. You should allow at least two or three weeks' time to secure the same.

"The cost of visases for various countries is as follows:

- Albania—Gratis.
- Austria—\$2.00 (Transit visa fee, 25 cents.)
- Belgium—No visa required.
- Bulgaria—\$2.05.
- Czechoslovakia—\$1.00.
- Danzig, Free City—No passport or visa required.
- Denmark—Gratis.
- England—\$10.00. Transit visa fee, \$1.00. Good five days if alone; two weeks if with party.
- Finland—Gratis.
- France—\$10.00. Transit visa fee, \$0.20. Good two weeks.
- Germany—Gratis.
- Greece—\$10.50. (For tourists traveling in groups, \$1.00).
- Hungary—\$10.10. For visits not exceeding eight days, \$2.10.
- Iceland—Gratis.
- Irish Free State—\$10.10. Gratis if used with a valid British visa, obtained previously.
- Italy—No visa required after March 1.
- Jugoslavia—\$2.00. Single transit, 50 cents; transit and return in transit, \$1.00.
- Latvia—\$10.10. Transit visa, \$1.00.
- Liechtenstein—No visa required.
- Lithuania—\$10.10. Transit visa gratis.
- Luxembourg—\$2.00.
- Monaco—\$0.90. No visa required on excursions.
- Netherlands—\$1.00. For journey in transit, less than eight days, no visa required.
- Norway—\$10.00. Tourist visa for May 1 to Sept. 30, \$2.70; transit visa, \$1.00.
- Poland—\$10.00. Single transit, 20 cents; transit and return in transit, 40 cents collected from each person over 16 years of age included on the passport.
- Portugal—\$3.50 when passport includes one person. \$5.50 when passport includes more than one person.
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The most beautiful spot on the Minnesota campus—and the knoll is most beautiful during the summer—when summer session students will be with us.

Famous Men Coming this Summer

THIS year's summer session at the University of Minnesota will be of unusual interest because of the fact that a great number of special features in addition to the regular class work will be offered. Prominent professors from other American universities and Europe will lecture in the fields of psychology, physiology and biochemistry, chemical kinetics, and mathematics. A series of special lectures in the fine arts will also be offered.

Between 6,000 and 7,000 students are expected. This will make the summer quarter enrollment as large as it was in pre-war days.

Fine Arts Project

Besides training artists in various fields of art, the University this summer is offering work intended especially for those who seek to understand works of art. Based on the principle that the work of the artist depends upon the cultivation of the people who view it, upon their knowledge of psychology, history and the principles of social organization, a complete program of Fine Arts and related courses has been made.

Specific practical instruction in fields of art, such as: sculpture, design, book-binding, weaving, batik and basketry, architecture and decoration, painting and sketching, will be supplemented with courses in general psychology, comparative literature, Greek mythology, art history and appreciation. Courses in esthetics and speech will also be offered.

A series of special lectures, demonstrations, and criticisms in the fine arts during the first session will bring, Gutzon Borglum, the man who is "sculpturing a mountain" in South Dakota, and Lorado Taft, the well-known Chicago sculptor, to Minnesota, for at least brief periods. There will be longer series of lectures and classes by Professor Alfred Brooks, of Swarthmore, whose subject will be

Many Attractions Will Be Offered Summer Session Visitors

By Selma Mattson ['31]



Lorado Taft, famous sculptor, will be a guest teacher this summer at Minnesota.

the history of art; Stirling Calder, New York, artist, who will teach in the field of sculpture; and John W. Norton, of Chicago, in painting.

Problems of the Small Town

During a conference on Problems of the Small Town, to be held at the University during the week beginning June 24th, questions affecting the economic and social life of small towns and communities will be studied.

Changes taking place in economic and industrial conditions, such as: extension of chain stores and banking into the smaller communities, mass production in manufacturing, development of good roads and the extensive use of the automobile

have brought new and pressing problems upon the small town. Greater competition between the small towns themselves, as well as between the small towns and large communities is evident. Because of increased facilities in transportation, the rural districts are no longer as dependent upon small towns located a few miles apart as they formerly were. The purpose of this conference is to analyze these and other conditions affecting the economic and social welfare of the small communities.

The subject-matter of the conference is divided under the following general headings: 1. The future of the small town from an economic and commercial standpoint. General industrial conditions affecting the Northwest will be considered.

The problems of the small town merchant, particularly concerning his efforts to compete with the newer forms of merchandising such as chain stores and mail order houses will be considered. The possibilities for successfully operating certain types of factories in the small town in competition with the highly industrialized districts will be discussed. The administration of country banks and the extension of the chain banking system will also be discussed.

Town administration, finance, and taxation.—Among the more important questions confronting the smaller communities are several concerned with the organization of the town; such, for example, as the advantage of incorporation as compared with non-incorporation of cities or villages. Other problems related to the business of the small town as a political unit, making of annual budgets, problems of indebtedness, making of programs of expenditures over a period of years, as well as questions pertaining to town planning, zoning, recreation, water supply, and such will be considered.

Sociological problems.—Many of the sociological problems of the small town are closely associated with those included in the topics mentioned above. In addition to these may be considered such questions as the small town newspaper, child guidance, denominationalism and church consolidation, and education.

Public Health.—Questions concerning the milk supply, sanitation, hospitalization and clinics, rural medicine, etc. will be discussed under this topic.

Among the visiting lecturers in the symposium will be Professor M. Von Frey, of the University of Wurzburg, celebrated in the field of sense physiology, and Professor G. V. Von Anrep, now at Cambridge, England, most noted for his work on conditioned reflexes.

Professor Otto Meyerhof, of the Kaiser-Wilhelm Institute for Biology, Berlin, Germany. Dr. Meyerhof, who is noted in the field of general physiology and received (in company with Hill of London) the Nobel prize for work on muscle.

Professor T. Thunberg, of the University of Lund, Sweden, investigator of vital oxidation phenomena, artificial respiration, and metabolism. He will lecture on the mechanism of biological oxidation.

Professor E. Laquer, director of the Pharmacotherapeutic Laboratory, University of Amsterdam, Holland. His researches have been on sex hormones and related problems.

Professor Waldschmidt-Leitz, German Technical High School, Prague, Czechoslovakia. Until recently he was an associate of Professor Willstetter in Munich and other workers in the field of enzyme Chemistry.

Symposium on Physiology and Bio-Chemistry

A special program of physiology and biochemistry is planned for the period of summer quarter from July 15th to August 15th. The program will consist of a series of lectures by each visiting professor, in the particular subject in which he has done outstanding research; these lectures will be supplemented by regular seminars for informal discussion.

Other internationally known scientists may be secured for the meeting because of the fact that the triennial International Physiological Congress is to be held in Boston in August. The local committee consists of: Drs. George Fahr, Ross E. Gortner, J. F. McClendon, F. H. Scott, and Dean E. P. Lyon, of the Medical School.

Chemical Kinetics

Chemical Kinetics is the general heading under which a number of lecture courses, with special weekly gatherings, will be conducted during the second term of the summer session in the School of Chemistry. Professor Hugh S. Taylor, head of the department of chemistry, Princeton university, who has edited one of the best known treatises on physical chemistry, and has also written a book entitled "Catalysis in Theory and Practice," is to deliver one of the courses. Professor Taylor was awarded the William H. Nichols medal for 1928, in recognition of his work on catalysis. "Catalysis and photo-chemistry" is the subject of Professor Taylor's lectures at Minnesota. One popular lecture, open to all students enrolled will be given on Au-

gust 7 when Professor Taylor will speak on "Chemistry and your automobile." Dr. M. Polanyi, of the Kaiser Wilhelm Institute in Berlin-Dahlem will also lecture at the chemical symposium. Dr. Polanyi, who is best known for his work on the mechanism of chemical reaction in gases at low pressure, will have as his topic for discussion "The flow of energy in chemical reactions."

Dr. Samuel C. Lind, director of the School of Chemistry, will give a special course on the effect of electrical discharges on chemical reactions. Professor Robert S. Livingston, also of the University of Minnesota, will lecture on the kinetics of chemical reactions in solution.

Psychology

Feature courses in contemporary psychology during the first summer session will be offered. Six foreign psycholo-

Many Attended N. Y. Meeting

The list of alumni who attended the annual banquet of the Minnesota-New York Alumni unit arrived too late to be included with last week's article. The meeting was held at the Commodore Hotel on March 21. The names of those Minnesota alumni in attendance follows herewith:

R. B. Bauer ('20); Mr. and Mrs. S. O. Bowen; Mrs. F. B. Balano ('07); Capt. F. B. Balano; Jean B. Barr ('11); Roy G. Butler ('21M); Walter F. Beyer ('12); Mrs. Charles P. Berkey; Linn Bradley ('04P); Adelaide Conners ('17); Catherine Cates ('15); John S. Chapman, Jr.; Mrs. John S. Chapman, Jr. (Francis E. Storms, '21); Frank N. Crosby ('90); Raymond Caverly (Ex. '14L); L. M. Case ('24M); Edward G. Clark, Jr. ('24); Mr. and Mrs. Albert N. Dickson ('21); Mr. and Mrs. T. E. Dunn; Hortense Dieudonne ('28); Dr. and Mrs. J. A. Fournier ('14); John L. Fletcher; Mrs. John L. Fletcher (Hazel Gleason, '22); Irving M. Frisch ('17); Carl H. Fowler ('05); Harold C. Gillen; O. E. Gravelle; Mrs. O. E. Gravelle (Martha Whitwell, '21); Charles R. Hiers ('24); Mattie W. Huston ('18); Walter I. Hughes ('14); M. Hornsby ('28); Inga Hill ('26); Ethel Harrison ('20); Norman E. Hague ('26); Will Hodson ('13); A. G. Johnson ('); Dr. Arthur H. June ('13); Amor F. Keene ('04); Bess Kasherman ('21); Mrs. H. W. Kingsbury; Dr. V. R. Kokatur ('14 G); Mrs. V. R. Kokatur (Helen Graber, Ex. '19); Florida E. Klester (Ex. '19); Dr. Harold J. Leonard (Ex. '19); Mrs. Harold J. Leonard (Marion Slater, '18); Howard M. Larabee (Ex. '29); Leona Lindhjem ('27); Dr. George F. Lindig ('24); W. S. McKee ('20); Hope Mowbray ('22); Mr. and Mrs. C. P. Moe ('20); Adelaide C. Madsen ('12); Gladys E. Meyerand ('21); Ruth Marnie ('27); Mr. and Mrs. John E. Morris ('09); H. W. Mowry ('06E); Dr. and Mrs. R. W. Morse ('17; '19; '20Md); A. E. Nannestad ('15); Irene B. Nammack; Arthur B. Poole ('17); Marion E. Potter ('07); Edith M. Phelps ('07); Aura I. Phelps ('08); Mr. and Mrs. Carl W. Painter ('14); Oscar P. Pearson ('17); Frank R. Pingrey ('04); Margot J. Queneau ('25); J. Queneau; D. A. Rossman ('21); Eunice Hunt Smith ('10); Mr. and Mrs. Bernhard Steinman ('14); Moe B. Savage ('22); Edward P. Swenson ('07); L. J. Sverdrup (Ex. '21); Mrs. L. J. Sverdrup (Molly Egilsrud, '28); George Jesse Schotter ('23); Richard L. Sullivan ('26); Maud H. Steward ('09); Robert Towey (Ex. '10); Mr. and Mrs. Charles Topping ('04); Isabelle Tompkins; Margeretta Van Strum (Ex. '26); Ingvald S. Veblen ('19); Roy V. Wright ('08); Jeannette Ware ('00); Mrs. Fred M. Williams (Elsie Switzer, '11); Fred M. Williams; Prof. and Mrs. R. A. Wetzell ('01); Harry Wilk ('12); George T. Webb ('02L); William E. Wilmer ('22); Sarah B. Wolfe; Joseph C. Woodman ('11); Ethel Wilk ('21); Mrs. Joseph C. Woodman (Ex. '12); Orlo Wilson.

AT THE SPEAKERS' TABLE: S. S. Paquin ('94); Sigurd Hagen ('14); Susan Olmstead ('88); Dean Frederick S. Jones of Yale (former dean of Minnesota's college of engineering), the principal speaker; Mr. and Mrs. Carl Lommen; Dr. R. G. Green ('10; '26G); Rev. C. A. Rian and Will Hodson ('13).

gists have been engaged to lecture. The courses will consist of five daily morning lectures, five daily afternoon conferences, and occasional evening lectures. Each psychologist will spend one week on the campus.

Professor James Drever, head of the psychology department of the University of Edinburgh, will be here during the first week of the session. He will lecture on instincts and emotions, and conduct conferences on these subjects, as well as on intelligence and performance tests.

During the second week, Professor H. Thulless, head of the department of psychology, Glasgow University, will give several lectures, including some on religion and also on psychological theories, including those on pattern psycho-analysis, and the Spearman theories.

Professor Wolfgang Kohler, of the University of Berlin, will be the third visitor. He will discuss problems in perception, memory, and behavior in terms of Gestalt psychology. Professor Kohler also will lecture on the basis of social psychology and the mentality of apes.

The fourth week will find Professor L. Wynn Jones, University of Leeds, England, lecturing in his special fields. Dr. Jones will deal with such mental phases of psychology as cognition, energy, inertia, fatigue, memory, and group factors. Professor Jones is in charge of the psychological laboratories at Leeds.

Professor F. Roels, of the University of Utrecht, Holland, will lecture the fifth week. Besides lecturing on temperament and character, Professor Roels will discuss child development with reference to perception, representation, and thinking.

Dr. F. A. Aveling, University of London, King's College, will be the last lecturer. Dr. Aveling will give lectures in dynamic psychology and probably one or two on psychology in industry.

Sessions for Self-appraisal

Self-appraisal sessions for high school students started last year will be continued this summer. High school graduates of 1929 will have an opportunity to orient themselves with college work and thus will be able to decide whether they wish to enter college or not, and also the line of study that they wish to pursue. Applications for admission must have the approval of parents and the recommendation of high school principals. The number accepted has been limited to 150.

Institute for Tuberculosis and Public Health Nurses

A regional Institute for Tuberculosis and Public Health Workers will be held at the university during the period June 17 to 29th. The institute is conducted through the administrative agency of the General Extension Division of the University, under the auspices of the National Tuberculosis Association, the Minnesota Public Health Association, and the Hennepin County Tuberculosis Association.

Four main objectives are: to assist workers to assume positions of greater responsibility, or to be more useful in their present position; to prepare for executive positions those who have not had experience in the tuberculosis field; to give to volunteer workers a more comprehensive knowledge of the administrative problems involved in this work; to

(Continued on page 622)

¶ The Class of '29 Passes On!



¶For the sixty-third time another class of seniors will march across the Knoll to be graduated, and 1400 more students will join the ranks of alumni.

Across the Knoll They Come

COMMENCEMENT! The eyes of Minnesota will be upon the class of 1929 for the last time in that final ceremony which signifies its success, as well as its departure from the campus it has known so well. For on June 17, at 10:30 in the morning, the members of the class of '29, representing Minnesota's twelve colleges, will march in academic gown in solemn and proud procession before their friends and relatives, their professors and classmates. Another class passes on. Another chapter in the history of a great American college comes to a formal conclusion.

What about this class of 1929? Who have been its leaders? What have been its aims? What has it achieved? What progress has taken place at Minnesota since the class was first born?

Out of a maelstrom of spirited politics in the fall, the class presidents came into being as active forces in moulding the policy of the class. The unification of the class, its diverse achievements, its rapidly shaping and interesting plans for the last week point to constructive leadership.

As president of the class, John Priest led the traditional Cap and Gown Day procession over the knoll and through the open doors of the armory. In a few, well-chosen words he presented the class to President Coffman. On that day the senior class was truly born in the realization of all its strength. From the balcony one could see the conflicting emotions in the faces of the graduating leaders as Harry W. Chase, president of the University of North Carolina, delivered his address. They were all there, shoulder to shoulder: Gordon Mackenzie, president of the all-University council; Gordon Roth, managing editor of the *Minnesota Daily*; Harold Stassen, council member, and spokesman for the Uni-

By Remy Hudson ['29]
Editor of Ski-U-Mah

versity on more than one occasion; Raphael Schlingerman, president of the Board of Publications; Ingolf Serigstad, all-senior vice-president; Louis Schaller, all-senior secretary; George Rogentine, all-senior treasurer; Fred Hoyde, football star and Rhodes scholar; Lester Bolstad, Big-Ten golf champion; Rachel Hanna, president of Mortar Board; Mary Symons, member of the Board of Publications; Pauline Moorhead, council member; Maurine Schmitz, first in line at the senior prom; Miriam Wedge, president of W. S. G. A.—and a host of others. Names that are symbolic of leadership wherever they are heard on the campus.

Yesterday they were here together, these leaders of the class of '29, working in a common cause. Tomorrow they

will be gone. Mackenzie will be a school administrator in the East; Stassen will be practicing law; Priest will be attending the Harvard business school; Roth will be writing for American newspapers in the Orient. And so on, scattered to the world's four corners.

But before the class disbands forever, there are big events under way for the final culminating week. On the thirteenth there will be a theatre party for the entire class, if the plans now formulated go through. At the same time Mr. Priest, with the senior commission, is working out an all-senior picnic for the fourteenth. On the night of the fifteenth the class will gather in the ballroom of the Minnesota Union for its last dance. The Senior Prom, held a month ago, was the crowning social event for the class. Jack Coolidge was chairman of general arrangements. It was probably the most successful prom of all times at Minnesota.

There are other things planned for and by the class. Mrs. Coffman's reception will be held the afternoon of the fourteenth. A senior memorial, probably a lighted bulletin board at the campus gate, will be erected by the class as one of its last official acts. It is the aim of the senior leaders that this last week will bring about a final unification, whereby a large class will feel itself more closely woven together. It has been the purpose of the class leaders under Mr. Priest to bring about a closer unification of this year's class than any class has ever known before. Hundreds have heard of the program of the Alumni Association and are ready to become active Alumni members. These hundreds will receive the *MINNESOTA WEEKLY* for life. They have realized their aim—and another class goes forth in the world with a golden heritage behind it.



¶Leader of the senior class is John Priest, who is the All-Senior president.

Minnesota Not Mentioned in "Big 10" Suspension Proceedings

ALUMNI throughout the countryside are aroused over the action of the faculty committee of the Big 10 in expelling Iowa from the Big 10 conference effective January 1930, after the 1929 football season has been played.

The action was taken last week in Chicago, largely we understand, on the testimony of Paul E. Belting, ousted athletic director of the University of Iowa, who claimed that he had been fired because he refused to sanction the Iowa policy of subsidizing athletes, a policy strictly forbidden by Big 10 rules.

Sentiment at Iowa City has run high, according to the press, police protection being necessary to prevent students from mobbing Belting and his home. Iowa students and alumni feel that their alma mater has been made the goat and that several other Big 10 Universities should also be suspended. Charges are made that Northwestern, Indiana, Ohio, and Wisconsin also face the same charges.

Fear that the expulsion proceedings may cause the breakup of the Big 10 is expressed by many, but the majority favor penalizing the delinquent schools and urge their ultimate return to the Big 10. If the above schools are also expelled but half of the conference will remain. The possibility of the formation of a Big Five is looked upon as extremely doubtful. On the other hand there is talk of permanently ousting one or two of the present members of the Big 10 and admitting Nebraska and Notre Dame, both of whom many alumni feel should be members of the Big 10.

And what, alumni ask, is the status of Minnesota in this affair? The Gophers seem to have a clear record; a record for fair play and an absolute and rigid following of the rules of the Big 10.

Prof. James Paige, a member of the Minnesota Senate Committee on Intercollegiate athletics and Minnesota's faculty representative has been named on a special committee to investigate the subsidizing of athletics in the Big Ten.

In commenting on his appointment, Mr. Paige said, "If any evidence of subsidizing athletes is found in any Big Ten college we will act—and act vigorously."

"The minutes of the conference meeting have not yet been made public, so I am not at liberty to make much of a statement. I will say, however, that we will investigate any report that is made to us, and if we find evidence of subsidizing we will recommend effective and immediate action."

The *Minnesota Daily*, with characteristic alertness wired the sports editor of the *Daily Iowan*, for a statement and the following article was the result:

The student body which showed its open antagonism to Paul E. Belting, Iowa's athletic director, who resigned under pressure, is still antagonistic toward the deposed director, but is seeking to make him retract his statements.

When Belting appeared before the Big Ten committee in Chicago, he spoke largely of his work since 1924 and how he was appreciated by other Big Ten directors.

When asked about being requested to divert money from the athletic funds to subsidize athletes, Belting said, "Demands were made that some of the funds be diverted to help athletes. I could take no other course

than refuse the request in order to have Iowa remain a member of the Big Ten conference. Each institution of the conference is founded on that assumption."

"The president called me to his office and told me that I had succeeded admirably, but that the coaches were against me and the council would not support me. This I believed to be untrue. He said that he could not support me and demanded my resignation."

"I assume, therefore, that the Western Conference interpreted the president's refusal to support me a direct challenge to clean sport in the University of Iowa, and that they acted accordingly. I think their judgment was correct."

There is much talk on the Iowa campus about independence and getting even with other schools, but the main feeling seems to be to get back into the Big Ten, according to A. Joseph Kelly, sports editor of the *Daily Iowan*.

Prominent Faculty Resign

F. STUART Chapin, head of the department of zoology, has resigned from the University faculty to become editor of *Journal of Social Science Abstracts*, an international publication. His resignation was accepted by the Board of Regents at their meeting last week.

Resignation of L. V. Koos of the College of Education, and Raymond E. Kirk, associate professor in the School of Chemistry, were also approved by the Regents. Professor Koos will leave at the end of this school year to become professor of secondary education at the University of Chicago. Mr. Kirk will head the department of chemistry at the University of Montana next year.

Dr. Chapin has been in New York for the past two years organizing the "Journal of Social Science Abstracts" for the Social Science Research Council.

The Greater University corporation has

gone out of existence. Letters read at the meeting and sanctioned by the board agreed to turn over everything to the University. This includes \$515,000 in outstanding, unpaid pledges. According to the agreement, papers, bonds, money and pledges became University property May 31.

The State Board of Investments will take the certificates of indebtedness for the completion of the Cyrus Northrop Memorial Auditorium at six per cent. The certificates will be taken up at the rate of \$50,000 a year and will be included in the last six years of the 10-year building program.

Bids will be called for soon on the salvaging of what is left of Sanford hall annex which was destroyed by fire this winter. The Regents voted to sell the property as it now stands.

Election of officers and the naming of committees of the new board were postponed at the meeting. Fred B. Snyder, ('81), acted as chairman. There will be another meeting June 6 to approve the list of graduates and to take up further business before the close of school.

A request from A. J. Olson ('12Ag), president of the Farm Bureau association, for an investigation of the tax situation in Minnesota, was read by Pres. Lotus D. Coffman to the board. The request stated that there was need of such a study in this state. Other states, notably North Carolina, where Roy G. Blakey of the School of Business Administration conducted the investigation, have held such studies.

A letter from R. A. Stevenson, dean of the Business school, objected to the study at this time, saying that it would entail an expense of \$10,000 and also that the facilities of the School of Business were at present too limited for such research. The matter was tabled by the Regents for consideration at the next meeting.

Gifts totaling \$16,525 were accepted by the board on behalf of the University.

Second Call for June 17 Reunion



Perhaps, fellow alumnus or alumna, you will find yourself in this early photo of a group of University of Minnesota students. To the person who correctly identifies every figure we will give a free subscription of one year to the *Minnesota Weekly* . . . and . . . don't forget the reunion on June 17.

Tracksters Win 7½ Points at Evanston



Action on the cindertrack within the Memorial Stadium is coming to an end as the spring quarter is about to be concluded.

Notre Dame Nine Beats Gophers in Two Games

NOTRE DAME'S baseball squad pounded the Gophers into submission on Northrop field May 24-25 by traveling rough-shod over the local team to take the first tilt of the two-game series by an 18-2 score and repeating the victory performance the following day with a 4-2 score.

Oskar Rust, premier Irish twirler, was touched for six hits during Friday's fray while the starting Gopher moundsman, "Lefty" Rognlien was knocked out of the box in the fifth inning with 11 hits against him. Fischer replaced Rognlien and held the South Benders scoreless for three innings. The victors started their slugging fest again in the final frame and emerged with five runs to swell their total to 18 counters.

Nine runs were scored by Notre Dame before the Gophers gave the least indication of turning the slaughter into a ball game. Captain Bob Tanner managed to reach second in the third inning, but three outs were made before the Minnesota runner could advance beyond his position at the second bag.

Four additional runs were scored by the victors in the fifth when singles and Gopher errors were coupled to boost the Irish total to 13. Two batters were hit by Rognlien's passes, but the Minnesota tosser was allowed to finish the inning before being relieved by Fischer.

The losing team scored its consoling runs in the last half of the sixth inning when Bob Bardwell started the outburst of action with a single to center field. Mickey Gordon was out at first and Bardwell chased around to third where he was called safe. George Langenberg, Whittlesey, Wisconsin, sailed a fly to center field and Bardwell crossed the plate before the return of the pellet.

Earl Loose, Luverne, turned in an exhibition of what might have happened by swatting a home run to deep center field. No one was on base at the time of the four bagger.

By Fred Fadell

Saturday's game was entered into by the Gophers as a determined and revengeful team. A much better brand of ball was played and fewer errors were committed to mar the defensive workings of the squad.

Eldor Bjorgum started at the mound for Minnesota and allowed six hits. The infield was functioning at an improved clip during this second game and the victors were able to garner only four runs. The Irish were held scoreless during the first four innings, but they took matters into their own hands during the fifth inning and pushed over three runs followed by another tally in the ensuing inning.

Tracksters Garner Points

Seven and one-half points were gathered by the Gopher tracksters at the conference meet held at Evanston May 26 in which two world's records and several Western conference marks were shattered.

George Otterness tied with Canby of Iowa for fourth in the pole-vault event at 12 feet 10 inches. Otterness was in the running for first place honors at the meet, but the day before the Minnesota squad left for Evanston, the vaulter broke the pole which carried him to victories during the season. A sore arm as a result of practices in perfecting his javelin throw also gave reason for the showing made by Otterness.

The mark of 13 feet 7 inches made by Warne of Northwestern and McDermott of Illinois set up a new conference pole-vault record.

Errol Anderson copped third in the two-mile run placing after Abbott of Illinois and Leas of Indiana. Abbott ran this distance in 9:33.

Golf Squad Wins High Honors

Minnesota's golf team completed its scheduled Big Ten matches without a

single defeat last Monday May 27 by taking its last contest of the season from Northwestern golfers by an 8½ to 3½ score. The match was played at the Interlachen club links in Minneapolis.

Captain Lester Bolstad turned in a par 73 for the course to defeat John Whitaker of Northwestern by 12 strokes and to gain three points for the Gopher team. Don Burris shot a 76 over the course and defeated Bill Miller whose score was 79.

Bill Fowler of Minnesota and Olive Rogers played a close match with the former defeating the Wildcat golfer by two strokes.

The summary:

Lester Bolstad (M) 73, defeated John Whitaker (N) 83, 8 and 7. Minnesota three points.

Don Burris (M) 76, defeated Bill Miller (N) 79, 2 up. Minnesota 2 1-2 points, N. W. 1-2 point.

Bill Fowler (M) 76, defeated Oliver Rogers (N) 78, 3 and 1. Minnesota 2 1-2 points, N. W. 1-2 point.

Douglas McKay (N) 79, defeated George Huntington (M) 81, 2 and 1. Northwestern 2 1-2 points, Minnesota 1-2 point.

Cincinnati Has "Big 10" Club

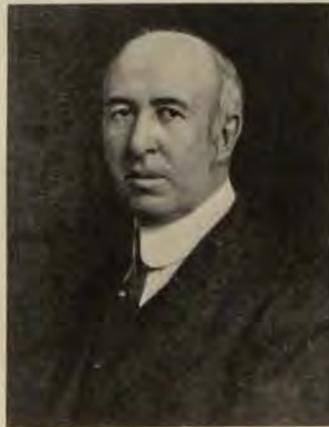
AND there is a Cincinnati Big Ten University Club. The purpose of this club is to organize the alumni from the Big Ten schools, so that they may become acquainted with each other and find people of their own kind in a strange city. The Club will also be happy to have as its guests at meetings, members of our official family—the President or other administrators, faculty members or coaches. The officers elected are President Henry C. Segal (Ohio State), 3639 Reading Road; R. W. Bame (Michigan) vice-president; Paul Romaine (Ohio State), secretary; and Rulison Archer (Purdue), treasurer. The club meets at luncheon each Monday noon at the Cincinnati. If you are interested in joining this group, just mention it to Mr. Segal.

Minnesotans You Should Know:



After obtaining his B. S. Degree at the University of Minnesota, Dr. Cristopher Graham ('87) taught Chemistry and Natural Philosophy at Shattuck School in Northfield, Minnesota, until he accepted a Professorship at the University Agricultural School. He obtained his M. D. degree in 1894 and affiliated himself with the Mayo Clinic at Rochester, Minnesota, under the firm name of Mayo, Graham & Company. After twenty-five years of service, he retired and interested himself in his hobby of developing pure-bred Holstein-Friesian cattle. Accordingly, his cows have carried off many national honors.

What's in a name? Here is one that should be a great inspiration to the bearer, which it has undoubtedly been if one were to judge by accomplishments. *Ulysses S. Grant* ('88), has been serving as Professor of Geology at Northwestern University since 1899. He has twice been acting dean of the college of Liberal Arts. While at the University of Minnesota he was a very active undergraduate, being active in both social and academic life. He was a member of various honor societies and was elected to Sigma Xi and Phi Beta Kappa.



After years of public service, Charles B. Elliot ('88G), has come back to Minneapolis to settle down and become an attorney at law. He started his career in Minneapolis, and was then appointed Judge of the Municipal Court. Later Governor Nelson made him District Judge, and then he was appointed Justice of the Supreme Court in Minnesota. From there he went, in 1909, to the Philippines where he was appointed Associate Justice of the Supreme Court. In addition to these important attainments, Dr. Elliot has written a number of law books and a two volume history of American operations in the Philippines. He was also a member of the law faculty from 1890 to 1904.

Hundreds of Seniors Join Alumni Association

ALUMNI, already in the fold of the General Alumni Association, will be delighted to welcome several hundreds of the class of '29, who will become alumni on June 17. For through the efforts of fifteen senior leaders and E. B. Pierce ('04), alumni secretary, a good proportion of this class have become life members of the association and life subscribers to the MINNESOTA WEEKLY. The response is the best in years, according to Mr. Pierce.

The best record attained so far is that of the Civil Engineering class members who went 100 per cent in joining the association, and that of the class of nurses who went over 100 per cent, when some of the members not to be graduated until after the summer session also signed the pledge cards. Of the nurses 92 members are now enrolled in the ranks of Minnesota's great alumni body.

The names of the subscribing civilians are:

A. Donald Alderson, Rochester; Irving E. Anderson, St. Paul; Melvin C. Eck, St. Paul; C. J. Eyberg, Mahtowa; F. C. Fredricks, Duluth; John W. Grant, Minneapolis; J. B. Hanson, Cass Lake; Win L. Hindermann, Fairfax; Theodore B. Jensen, Minneapolis; Paul Kingston, Hastings; Robert N. Lohn, Fosston; Nordahl T. Rykken, Holyoke; Louis M. Schaller, St. Paul; J. Grant Waits, Eveleth; and Stanton E. Wallin, Watertown.

The 92 nurses and the cities from which they come are:

Elsbeth Albrecht, Ashley, N. Dak.; Florence B. Anderson, Minneapolis; Neva Anderson, Minneapolis; Ruth Bank, Minneapolis; Laura Becklund, Minneapolis; Irma D. Benton, Wesley, Iowa; Nancy A. Birney, Minneapolis; Kay Braverman, Minneapolis; Inez Clark, New Rockford, N. Dak.; Lenor K. Burlingame, Arlington, S. Dak.; Laura L. Cole, Hatton, N. Dak.; Annabelle Daniels, Columbus, Mont.; Adeline Degrugiller, Cook; Kathleen Doyle, Fargo, N. Dak.; Elizabeth Deuks, Long Prairie; Anne M. Ebner, Cando, N. Dak.; Eunice E. Elston, Hastings; Elmy Erickson, Tower; Hazel J. Erickson, Rice Lake, Wis.; Irma T. Fesenmeyer, Riceville, Iowa; Anne Fields, Embarrass; Mrs. Mabel Wagner Findley, Minneapolis; Louise Mae Frantz, Janesville; Janet S. Fulton, Jackson; Lyburnia E. Georgius, St. Paul; Frances M. Fitzgerald, St. Cloud; Harriett E. Grimes, Marshalltown, Iowa; Alice M. Guler, New Rockford, N. Dak.; Esther V. Gunderson, Gary; Alice E. Hall, Minneapolis; M. Hathe, Abercrombie, N. Dak.; Helen S. Heiden, Watertown, S. Dak.; Mabel Hershberger, Olivia, Minn.; Maida Eleanor Hewitt, Hillsboro, N. Dak.; Bernice E. Holmquist, Minneapolis; Mable A. Johnson, Dannybrook, N. Dak.; Margaret Jones, Minneapolis; Helen Kirkelle, Minneapolis; Janette I. L. Koelgen, St. Paul; Ethel M. Koelzer, Jordan; Henrietta Kulander, Swea City, Iowa; Olive J. Lamb, Mahanomen; Mildred Elma Larson, E. Grand Forks, Minn.; Blanche Levinski, Wirona; Alta Lundgren, St. Paul; Virginia M. Lucus, Sherburn; Grayce I. McCarron, Sherburn; Hilda M. Matz, Eau Claire, Wis.; Magda Meldahl, Sharon, N. Dak.; Olga Michaelson, Hibbing; Helen Moor, Portal, N.

Dak.; Amy Morgan, St. Paul; Rose Mulligan, New York City; Dorothy M. Myers, Albert Lea; Ann R. Nelson, Clearbrook; Edith J. Nelson, Blackduck; Evelyn C. Nelson, Minneapolis; Mildred L. Nelson, Cloquet; Glenna R. Nobles, Sumter; Irma A. O'Leary, St. Paul; Virginia O'Leary, Detroit Lakes; Alice Olson, Madelia; Margaret V. Oman, Napoleon, N. Dak.; Bernice V. Opheim, Tracy; Ebba Oredson, Madelia; Sophie T. Ostlie, Minneapolis; Severa B. Pofahl, Waconia; Mildred M. Pokorny, Silver Lake; Cecile Prescott, Osakis; Leona A. Reichert, Long Prairie; Rosamond Reiser, Wayne, Michigan; Alice Lovene Rorrison, Minneapolis; Elnor Alice Saltvik, Cloquet; Claire M. Schey, Minneapolis; Julo A. Slattendale, St. Paul; Marie C. Spaude, Gaylord; Ida Stavn, Hibbing; Cora M. Stickney, Missoula, Mont.; Elsie Stubbjare, Big Timber, Mont.; Evelyn F. Swanson, Minneapolis; Effie S. Swenson, Devils Lake, N. Dak.; Lenore Tatting, Olivia; Dorothy Todd, St. Paul; Rosella Torgerson, Augusta, Wis.; Christine M. Torp, Tracy; Francesca Torniqwe, Urban City, Ill.; Helen E. Walsh, Ely; Almira Wettestad, Kasson; Hally Wheeler, LaCrosse, Wis.; Alice Wilson, Duluth; Susie B. Wright, Minneapolis; and Margaret Wadd, Buhl.

The paid officials of the association include Mr. Pierce and Leland F. Leland ('23), editor and Manager of the MINNESOTA WEEKLY, who have offices in 118, 119, 120 Administration building. The chief property of the association includes the WEEKLY, which is published weekly from September 30, through June, and monthly during July and August.

Minnesotans

In the Day's News



Lents to Leave

MAYOR Bernard Lents, who for several years has headed the University of Minnesota's Military department has been transferred to Fort Snelling. He will leave his present command this summer.

Bothne to be Honored

PROFESSOR Gisle Bothne, head of the Scandinavian department, University of Minnesota, who has resigned his position to take effect at the end of the school year will be honored at a banquet June 8, when friends and former students will gather to honor the professor who is one of the university's oldest and most nationally prominent men, says the *Minneapolis Journal*.

Professor Bothne has been for nearly 50 years a professor of the Norse language at Luther college, Decorah, Iowa, and at the university, where he came in 1907. He has reached the required retiring age of 68.

Headed by Congressman O. J. Kvale, a committee of former students and friends are planning a tribute dinner at the Nicollet hotel, June 8. Other members of this group are A. M. Sundheim, vice-president, K. T. Dahlen, secretary, Senator Henrik Shipstead, Vice-Consul E. H. Hobe, Rev. J. A. O. Stubb, Rev. L. M. Gimmetstad, Rev. B. E. Bergesen, Rev. D. C. Jordahl, Carl G. Hansen, Ola Johan Saervold, Kristian Prestgard, Albert Edward Floan, H. A. Erikson, P. J. Brekhus, Miss Pauline Farseth, Mrs. Ellen Hammer, Mrs. H. A. H. Boumann and Mrs. I. J. Saugstad.

When Gisle Bothne was called to the university in 1907, a special act of the legislature had created the chair of Scandinavian language and literature. This is the only department that has been authorized by special legislation.

Previous to 1907, Professor Bothne had been teaching at his alma mater in Decorah. He had gone there from Fredrikshald, Norway, in 1876.

Having received his bachelor degree at Luther College, he continued his scholastic career at Northwestern and Johns Hopkins Universities where he made a special study of classical philology.

Although he assumed the professorship of Scandinavian at Luther he still was primarily a scholar. Leaving Iowa he went to Greece to learn more of the classics in their native atmosphere. Then he studied in the universities of Berlin and Christiania.

Active not only in scholastic circles, Professor Bothne became president of the Norwegian society of America and a member of the Norwegian-Danish Press Association of America. In recognition of his service to the Norwegian people, King Haakon of Norway decorated him in 1911 and made him a Knight of the Order of St. Olav.

In spite of his 50 years of teaching, Professor Bothne still is very active.

Professor Bothne has served as professor of Scandinavian longer than any other man in the country.



Major Lents is to retire as University ROTC commandant this spring. He will go to Fort Snelling. (See column at left).

Hits and Misses

Read 'em and Weep



The Happy Warrior

All that a modern state-university president has to do is, to produce every few months, a learned paper to dazzle the countryside, manage the intricate machinery of his several-million-dollar corporation, keep his army of temperamental, absent-minded, underpaid professors cheerful and alert, understand what the university's archaeological expedition is doing in southeastern Abyssinia and raise money for it, deliver occasional uplifting chapel talks to the student body, attend the ball games, lunch with the rich alumni, who might give new dormitories or laboratories in honor of their favorite maiden aunts, entertain the visiting English lecturers (and arrange for the deans to entertain the Americans), keep in touch with the members of the state legislatures who are making up the budget for next year, and with the bright new assemblymen who hope to make the headlines by denouncing frills in education, and lecture occasionally to the Norfolk County Cheesemakers Cooperative Association, the Suffolk County Grain Exchange, the Wesssex Central Trades and Labor Council, and the Essex W. C. T. U., as well as the State Chamber of Commerce, the Steuben Society, and the Veterans of Foreign Wars, pointing out to each and all how the university serves every citizen of the state and notably assists them in their particular tasks and problems.—*New York Herald Tribune*.

The University News Budget

The Week on the Campus



"U" Hospital to Co-operate In Nation-Wide Survey

University hospital will co-operate in a nation-wide survey which seeks to solve problems relative to cost of medical care which is borne by different economic classes. The study will also involve financial returns to physicians and the adequacy of medical care.

C. Rufus Rorem, representative of the committee which is making the study, last week made a survey of the University hospital.

Mismanagement Charges Filed Against Floating University

Charges of mismanagement of a floating university were aired last week at a mass meeting of students in a Paris hotel room when they told of ill treatment received at the hands of managers of the affair.

Lodging of students in hotels termed "dives" and "highly undesirable for boys and girls of immature ages," traveling in third class conditions in Siam and the Malai states, and failure of classes were mentioned in the accusations directed toward the leader of the enterprise, Sidney Breenbie of Amhurst, Mass.

With tuition and tour expenses set at from \$2,500 to \$3,600, the students were promised best of hotels and seaplane service to and from ship at the ports of call.

Instead, the charges claim, hotels of such a character that the American consul in Kowloon, China, unavailingly asked that students be removed, were used to house the young men and women while they were ashore.

Less than half of the students did any studying, according to Prof. Russell Krause of the University of Utah, who left the trip at Rome. James Oliver Curwood, Jr., son of the novelist, was of the opinion that not one of those on the trip would have the nerve to ask for university credit for the trip, which was to have been equivalent to one year in college.

Teachers' Certificates Now Issued Only by State Board of Education

The authority to certificate teachers is now vested solely in the state board of education, according to a new Minnesota law which went into effect April 15. Graduates of the College of Education of the University of Minnesota automatically receive certificates, but the certificates are no longer issued by the University as they were under the old laws.

The qualifications for receiving teaching certificates remain essentially the same, except that under the new law certificates are to be issued "to such persons as the board shall find to be physically competent to teach."

The University has provided for this

Ag School Alumni to Reune

MORE than 600 alumni of the Minnesota School of Agriculture will attend the annual midsummer reunion to be held at University Farm June 15. The program will lead off in the afternoon with a baseball game between a team of alumni and some outside aggregation to be selected.

by requiring that a special physical examination be taken by students before admission to the College of Education.

N. S. B. Gras Publishes Survey of Industrial Regionalism

N. S. B. Gras, former professor in the School of Business Administration and at present professor of business at Harvard, has published a survey of industrial regionalism.

Pointing to the example of New England as a section of the country which has successfully analyzed its situation and pointed out a way out of the wilderness, Mr. Gras names the Northwest as a similar district which must also work out its salvation.

Ag. Students Agitate for "Gopher Countryman" Blanket Tax

More than 50 per cent of the students on the St. Paul campus have signed petitions for a blanket tax to cover subscription to the Gopher Countryman, Clement Chase, business manager, says.

"There is every indication that the required 90 per cent will sign the petition which will give every student the magazine under a tax which would be included in the tuition fee, and operate next year," Mr. Chase said.

Ferguson Is Given Prize of \$1,000 for Music Composition

Prof. Donald Ferguson, instructor in the department of music, was awarded the Foster and Waldo \$1,000 prize for the best musical setting to their radio recently.

Manuscripts from all parts of the country were submitted for consideration in the nation-wide contest. Dean Carlyle Scott of the University of Minnesota, Prof. Wm. MacPhail of the MacPhail School of Music, and Dr. James Davies, professor of German and music critic of the *Minneapolis Tribune*, were the judges.

Woe to Auto Drivers—700 Fewer Parking Spaces Available in Fall

Alumni, faculty and students driving automobiles to the University next fall will find that there will be 700 fewer available parking spaces than there are at the present time. Although the parking problem is a serious one now, W. F. Holman, superintendent of buildings and grounds, stated recently that it will be even more difficult to find a parking space next fall.

Space now available will be seeded into lawn next fall, and parking on those lots will be strictly prohibited. Room for 600 cars will be automatically wiped out when space in the rear of the tennis courts is converted into new courts.

Since the University cottages and nurses' homes will be removed from the mall this summer, the new space along with a lot now used for parking, will be seeded. At the present time, this lot west of the main Engineering building is available for parking more than 50 cars every day.

Cars parked north of the Library will find that next fall this space will also be seeded.



Reminiscent of the coming commencement to be held on June 17 is this photo of President Coffman, Dr. Fohwell, and Dr. Suzzalo, taken at the 1927 graduation.

Coming Events

Cast Their Shadows



Jenks Leaves for Mimbres Valley; \$25,000 Fund Raised

Funds of between \$15,000 and \$25,000 annually for the next five years have been guaranteed by a small committee of Minneapolis business men to finance archeological expeditions headed by Albert E. Jenks, professor of anthropology.

Dr. and Mrs. Jenks left last week by auto for the Mimbres valley of New Mexico to continue excavations which were begun last summer, and which brought to Minneapolis a number of valuable relics of primitive cultures in the United States.

"I think that we have in Dr. Jenks one of the leading men of his field in the world," Mr. Decker said. "Minneapolis should support his work and bring to the city his discoveries, which are of remarkable educational value."

James Ford Bell ('01), and Alfred F. Pillsbury ('94D) are associated with Mr. Decker in financing the expeditions. Mr. Decker said that he has talked with 12 people who have evinced interest in the project, and he believes that he can find more who will be interested in making cultural assets available to Minneapolis.

Dr. Jenks, who will arrive in New Mexico in a few days, will have the preparations made for a body of five men from the University to join him next month and start actual explorations.

The party will leave the University June 18, and will be made up of Lloyd A. Wilford, graduate student, who will be Dr. Jenks' chief lieutenant; Henry Colby, Lars Hakkerup, Charles McLennon and Robert Wing, all of Minnesota, and John Clark of the University of Illinois. The expedition plans to be in the Mimbres valley three months.

Sorokin to Publish Three Sociology Works

Three works on various phases of sociology, including foreign translations of one book, which have been written by Prof. Pitirim A. Sorokin of the department of sociology are scheduled to be published within the next few months.

"Principles of Rural Sociology," which was written jointly by Professor Sorokin and Carle C. Zimmerman, associate professor, will appear in June from the Henry Holt Press of New York.

"A three-volume work which is being sponsored by the United States Department of Agriculture and the University of Minnesota is now in process of compilation. The tentative title of these volumes is given as "Source Books for Systematic Rural Sociology," and will contain all that has been written on this topic by men from over the world in addition to supplementary material by Professor Sorokin and Professor Zimmerman. Dr. Charles J. Galpin, chief of the farm population section of the United States Department of Agriculture is contributing in a financial way to this three volume publication. It is to be published by the University of Minnesota Press.

Annual Pajama Parade Comes to Untimely End

No action will be taken by the University administration in disciplining the leaders of the nocturnal pajama parade which raised riot along fraternity and sorority rows early Tuesday morning, May 28, it was indicated by E. E. Nicholson, dean of student affairs.

Three gun squads, a detachment of firemen, and numerous complaints from sororities were necessary to quiet more than 350 rioting fraternity men who staged an impromptu pajama parade at 1 a. m. about a week ago, down University avenue.

The parade started at Nineteenth and University avenues southeast when three fraternity men mustered their brothers to join them and help them share a beautiful spring moon which cast its soft rays on the campus. They were immediately joined by other half-dressed students, who hurriedly poured out from neighboring houses.

The van-guard of the parade marched to the decrepit aeroplane that had been parked on the parade grounds to advertise "The Crash," a party to be given by the Minnesota Society of Aeronautical Engineers last Friday evening. Some one touched a match to the plane, to revive enthusiasm in the crowd, and a moment later the rioters formed an Indian dance around the flaming wreck.

Lakes States Forest Station Personnel Increased

INCREASED appropriations by congress are being used to increase the personnel at the Lake Street Forest Experiment Station at the University Farm. Part of it will also be used for increasing the number of men in the field.

Alumni 'U'

News of Organized Alumni



Minutes of the Meeting of the Board of Directors of the General Alumni Association Tuesday, May 7, 1929, Minnesota Union

Members present: Dr. W. F. Braasch, presiding; Mrs. Edmonds, Mrs. Koenig; Messrs. Hoverstad, Martin, Netz, Page, Peterson, Peycke, Pierce, Safford, Shellman, Tupa, Thom, Wallace, and Wyatt. Others present: President Coffman, Messrs. Barnum, Deming, Duenke, H. Johnson, L. F. Le-land, Sommers, Thompson, Turnquist, and Zelle.

The following items of business were presented for discussion and action was taken as indicated.

1. *Minutes of the meeting of October 2.*—The minutes of the meeting of October 2 were approved as printed in the Weekly of November 17.

2. *Status of the university as a result of recent legislative action.*—President Coffman was present and outlined the results of the legislative appropriation. The University had for each year of the biennium requested the following sums:

For maintenance	\$3,550,062.00
Grand Rapids	30,000.00
Hospital (State share)	150,000.00
Buildings and land	300,000.00

The State Commission of Administration and Finance recommended the following:

For maintenance	\$3,200,000.00
Grand Rapids	20,000.00
Hospital (State share)	100,000.00
Buildings and land	none

The Senate Committee voted to grant the entire amount requested by the regents. The House Committee voted \$3,200,000.00 for maintenance and hospital plus \$300,000.00 a year for ten years for buildings. The Conference committee of the two Houses agreed to a total of \$3,300,000.00 for support including Grand Rapids, \$150,000.00 for the hospital, and \$300,000.00 a year for ten years for buildings. While this bill was passed, it was vetoed by the Governor in the closing hour of the session, and the University received a grand total of \$3,225,000.00 a year for support (including \$45,000.00 for Grand Rapids) plus \$150,000.00 for the hospital and \$300,000.00 for buildings, the net result being a loss of \$30,000.00 over what the university received this current year. This was the first time that the university received less money for maintenance and operation than it had been receiving.

President Coffman stated that the first task of the regents was to charge off the \$30,000.00 deficit and that this would be taken out of the Regents' Reserve of \$100,000.00 which was set up some nine years ago to meet emergencies and unusual demands for material, equipment, and unforeseen activities as well as losses due to fire or other causes.

The President pointed out that it would be necessary to find some method of holding some of the best members of the staff who without increase in salary would be certain to go elsewhere; that certain drastic reallocation of funds would be necessary. The item allotted for unfilled positions would probably have to be reduced from \$35,000.00 to \$25,000.00; the special book fund of \$20,000.00, set aside for the purchase of special sets of books for the University Library would have to be eliminated entirely; also the special equipment item of \$30,000 would have to be eliminated. \$16,000.00 might be taken from the Campus Improvements Fund, letting some almost necessary things go undone in order to build up a fund for the teaching staff. Out of all of these items the Regents could perhaps secure \$109,000.00 which could be used to prevent losses from the staff and to improve the general teaching situation.

It was pointed out, however, that with all of these economies the total sum which can be made available will lack about \$200,000.00 of equaling the sum which the Regents had desired for the improvement of the staff, and that apparently the only way that this additional sum can be provided will be to increase the student fees, which will very

likely have to be done the second year of the biennium. The president expressed himself as personally very much opposed to increasing fees, and yet that seems to be the only alternative. A careful study of the fee situation will be made during the next year.

The President expressed gratification at the selection of the Board of Regents. He felt that it was a good Board. He felt, too, that the failure of the proposed constitutional amendment intended to transfer the authority now held by the Board of Regents back into the hands of the Legislature was gratifying.

3. *Future policy of the Alumni Association with regard to the legislative situation.*—Considerable discussion followed the statement by President Coffman, Senator Duenke and Representatives Cal Deming and H. A. Johnson were present and gave their reactions with regard to the legislative situation. It was their belief that the Legislature itself was not unfriendly to the University, and in its last analysis, was willing to allow the university some increase over last year's budget. They felt that the responsibility should be placed squarely on the governor's shoulders, as it was his veto that resulted in the budget figure being placed where it finally stood. Mr. Deming pointed out that members of the Legislature appreciated little courtesies from those for whom they were expected to do things, and urged that complimentary football tickets be distributed to members of the House and Senate. Dr. C. H. Turnquist, who led the legislative committee in the interest of the Dental Building, spoke briefly about their experiences and stressed the need of organization. C. L. Sommers, C. F. E. Peterson, and E. F. Zelle also commented on the situation. A number of suggestions were made with regard to future procedure.

It was finally voted that the Board of Directors invite the Interim Commission to a dinner to be arranged after a conference with the chairman of the Commission. It was suggested that it might be advisable to invite to this dinner some of the leading alumni of the localities where members of the Commission resided.

4. *Report of the treasurer.* Thos. F. Wallace presented a very comprehensive report showing the status of alumni funds, including list of securities belonging to the Minnesota Alumni Association. He also reported the sale of the Reuper property. It was voted that this sale be approved. The question of policy being asked for, it was voted that the profits from a sale of this sort be credited to the interest account rather than to the capital account, which would permit the use of such resources in the Minnesota Alumni Weekly account.

It was voted that \$25.00 be paid Miss Weaver for services in connection with the handling of the Minnesota Alumni Association funds.

5. *Report on Alumni Weekly.* Mr. Le-land gave a brief outline of the finances of the Weekly to date and reported that since May 1, \$1,913.94 had been paid to the Minnesota Alumni Association cancelling all obligations to that association, except a \$1,500.00 note which has been craried for a number of years.

As the hour was getting late, it was voted that any other item on the docket be referred to the executive committee for action.

Meeting adjourned.

—E. B. PIERCE, secretary.

Personalia

★ 1900—1931 ★



'00Md—Dr. Paul B. Cook of St. Paul has returned from a trip to Africa.

'02L.—Harry Hamaker, who has been with the Meinrath Brokerage Company of Chicago, d'ed on Wednesday, May 22 after a prolonged illness. He made his home at 944 Michigan Avenue, Evanston, Illinois where Mrs. Hamaker is continuing to live.

'05;'09L.—Mr. and Mrs. Henry S. Mitchell of Minneapolis and Mr. Mitchell's mother are leaving Minneapolis June 15 to sail on June 18 on the Empress of Scotland for England, where they are to go immediately to the University of Oxford to attend the twenty-fifth anniversary of the Rhodes foundation which will be held from July 5 to 12. Mr. Mitchell was a Rhodes scholar from the University of Minnesota. The celebration is being sponsored by the Rhodes board of trustees and will be attended by a number of social events. A feature of the week will be the dedication of the Rhodes house which has been recently erected at the University of Oxford.

'07Md—Drs. M. D. Cooper and J. L. Mills ('18; '20Md; '21) of Winnebago, Minnesota have taken over the management of the Winnebago Hospital and have purchased its furnishings and equipment.

'09;'11Md—Dr. George A. Geist of St. Paul, will soon return home from a trip of several months to Europe.

'13D—Dr. Arthur H. Juni has an office on fifth avenue in New York City.

'20Ed—Ethel Harrison is a visiting teacher in the Newark Public Schools in New Jersey.

'21—If you alumni would only believe us when we tell you how much we appreciate and need news items, friendly letters, gossip, or whatever you are fortunate enough to hear about alumni. It is such a relief to us here in the editorial office to receive letters about little incidents and chance meetings, or even planned meetings which you have with former classmates. You know how much you appreciate hearing about others, so be a little thoughtful and let them hear about you and friends that you happen to meet who were former students or graduates of your alma mater.

We had such a letter from Gladys E. Meyerand, who is the assistant editor of *The World Tomorrow*, a magazine published in New York. She sent us a letter just chuck full of interesting news items. I have had to break up the letter and put the people mentioned under their respective class years, but you can just bet that a good deal of this *Personalia* can be credited to Miss Meyerand. Among those mentioned were quite a number of people from her own class of '21. They are, Edith Sondergaard (now known as Edith Gayle) who has been associated for quite some time with the Theatre Guild. She is at the present time playing the lead in O'Neill's *Strange In-*

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terlude. Josephine Fredericks, who has been studying at Union Theological Seminary is leaving shortly for California. Ethel Wilk is secretary of the local Minnesota Alumni Club. Bessie Kasherman is connected with the Mental Hygiene Association. Gertrude Wilharm has been working on the new edition of *Encyclopaedia Britannica*. Engenie Murphy is with the Macy Company. Mr. and Mrs. Albert Dickson live on Staten Island. For herself, Miss Meyerand says that she enjoys her work and New York immensely.

'22Ed—Mabel Prothers is with the Altman Company in New York City. Eunice Willner of the same class is a psychiatric social worker at the Navel Hospital in Brooklyn, New York, and her brother Bill, who graduated in the same class from the engineering school is in an architect's office in Newark, New Jersey. Anna Post, also a classmate of these alumni, who has been research assistant in the bio-chemistry laboratory of the Metropolitan Life Insurance Company, is sailing on June 8 for Sweden where she plans to stay for a year or two.

'23Ed—Clara Berg is teaching physical education at Teaneck, New Jersey.

'24—Ruth Smalley is doing graduate work at the Institute for Child Guidance in New York City.

'24; '26G—Mrs. Patience Kidd Nurnberger, who is the Herbarium assistant in the Botany department of the University of Minnesota, has asked us to put a notice in the *Weekly* for the Alumni of the Cosmopolitan Club. These alumni are organizing an Alumni Club to keep in contact with the old members of the club and the present members. The Cosmopolitan Club is compiling a list of all of its members since 1914 and would like additional addresses of some of its members. Your communications may be addressed to Mrs. Nurnberger in the Botany department.

'24G—Pearl Pauline Swanson of Cokato, Minnesota has won the Alex Browne Coxe Fellowship awarded by Yale University.

'25M—Bernard Larpenteur and his wife (Edyth Fairbanks, Ex '24), have been in Minneapolis for several weeks. It is their good fortune to be both pleasure and business bound. While they are here they are living on West Lake Harriet Boulevard. You know Mr. and Mrs. Larpenteur are regularly stationed in New York City.

'25Md—Joseph W. Dassetz has moved from the New York Nursery and Child's Hospital to the Willard Parker Hospital in the same city of New York.

'25; '27Md; '28—Dr. W. H. Karlins reports that he has settled at the Peabody Hospital Clinic at Webster, South Dakota.

'26—The engagement of Mary Frances Staples to Alan McQuat Kennedy ('27) was announced about a month ago. Miss Staples is a member of Gamma Phi Beta sorority and Mr. Kennedy is a member of Phi Kappa Sigma fraternity. The wedding is to take place in early June.

'27—Frederick Carl Teske, Jr. has been awarded the Strathcona Memorial Fellowship on transportation from Yale University.

'27Ed—Another June wedding for Min-

nesotans! The engagement of Shirley Callender to Paul H. Helweg (24), of Sutherland, Oregon was announced on April 14. Delta Delta Delta sorority claims Miss Callender and Mr. Helweg belongs to Sigma Alpha Epsilon fraternity.

'27E—Here is news of the engineers of 1927. Edwin T. Hutchinson is responsible for the note sent in to the office. (Why don't more people send us newsy bits?) He has moved to Milwaukee where he is continuing his work for the Aluminum Company of America. He was formerly working for this company in New Kensington, Pennsylvania. He arrived in Milwaukee via Pittsburg, Cleveland, New York and Montreal and says that Milwaukee is as near as he can get to the old home town. He found Leroy Schultze in Milwaukee working for the Electric Machinery Manufacturing Co., and also mentioned seeing Harry Dubois who is working for General Electric in Chicago.

'28—Announcement of the engagement of Margaret H. Mattison to Eugene W. Carlson ('27B), was made Sunday, April 21. The marriage is to take place in June. Miss Mattison is a member of Delta Delta Delta sorority and Mr. Carlson is a member of Sigma Nu fraternity.

'28HE—Albiona Mikkelson started teaching at the Edison High School in Minneapolis at the beginning of the second semester. Previous to that she was teaching at Swanville, Minn.

'28—Clara Rue is to sail for Europe on June 5. She and her parents will cruise for about two months. However, there is no definite date set for their return.

'28D—We enjoy little reminders that our readers are interested in the *Weekly*. We had a note from Dr. I. B. Hauge, who is in San Antonio, Texas, saying that he looks forward to the reception of his *Weekly* each week and didn't want to miss a one.

'28D—Following his graduation in December, 1928, Dr. M. R. Wright has located in Fergus Falls, where he has an office in the Frees Building.

'29E—The engagement of John C. Newhouse to Wilma Stephens (Ex '28) was announced on Sunday, May 19. The wedding is to take place June 8 at Miss Stephens home in Minneapolis. John is vice-president of the senior engineering class. Miss Stephens is a member of Sigma Kappa sorority.

Mr. and Mrs. J. D. Webber (Cecil Pease, formerly the associate editor of the *Alumni Weekly* have announced the birth

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of a young daughter born on Thursday, May 24. She is to be named Mary Matilde. Mr. and Mrs. Webber are visiting Mr. Webber's parents in La Crosse, Wisconsin where Mr. Webber is convalescing

after a very serious accident last fall in Chicago.

31—Quentin N. Burdick, one of Minnesota's dependable athletes in football, wrestling and boxing, has entered into

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The work, in a new division of the company, is that of selling an insulating material, of unusual merit, through regular retail trade channels. That's why we want men who have finished school and have had three to ten years' experience in the construction field. Heating and ventilating experience would be particularly helpful. Selling experience or an aptitude for selling is required.

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of the kind you'll like to work with—an organization that will stimulate and help you in every way to make a success for yourself and the company. No politics—no family obstacles—to prevent your going ahead in the organization as you prove yourself.

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Maybe this sounds unusual. It is! It presents an unusual opportunity for men, who in themselves, are unusual.

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an entirely new and different field. In addition to his school work he is the proprietor of a second hand bookstore on Second Street and Hennepin Avenue. It is called the Northwest Book Exchange. In re-arranging and checking up his new place of business, Mr. Burdick found several complete sets of Minnesota Gophers. They date from 1890 to 1923, and there are several copies of each. Anyone who would like to complete their set, if they have been saving Gophers, or anyone that would desire some particular copy, could undoubtedly find just what they have been looking for in this shop. Even if you are not interested in the Gophers, I am sure that Mr. Burdick would be glad to have you browse about.

Famous Men Will Come

(Continued from page 612)

aid in the standardization of methods and programs of tuberculosis work.

Visiting Teachers

There are to be special classes for visiting teachers. Two special courses intended primarily for class room teachers who are interested in studying the recently developed methods of utilizing the home and extra-school relationships in the handling of difficult school problems will be offered by the College of Education.

Miss Gladys Hall, Director of Visiting Teachers, Portland, Oregon, will instruct the classes.

A great number of visiting professors from other American universities will come to Minnesota and teach during the summer session.

Department of Mathematics

James V. Uspensky, professorial lecturer, University of St. Petersburg, will lecture on recent developments in the mathematical theory of probability and on other selected topics in advanced Mathematics.

A CALENDAR FOR THE BUSY MINNESOTAN On the Campus

- June 3—Baseball, Chicago vs. Minnesota at Chicago.
- June 6—Convocation, 11:30 in the armory. Carl Sandburg, speaker.
- June 8—Baseball, Wisconsin vs. Minnesota at Minneapolis.
- June 17—Commencement and Alumni Day.
- June 21-July 1—Geneva Student Conference at Lake Geneva, Wisconsin.

Down Town

For the first time in the history of motion pictures a gigantic stage prologue, pictured in Movietone, will be shown in connection with a feature production.

"Show Boat," Universal's \$2,000,000 spectacle based on Edna Ferbers prize novel, will open its engagement at the State Theatre, Minneapolis, Minn., on Friday, June 7, playing six performances daily.

The management is also offering on the same bill the Movietone prologue made from Florenz Ziegfeld's tremendous New York stage success.

WALTER H. WHEELER

Mem. Am. Soc. C. E. Mem. Am. Soc. M. E.
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The Architect, the Engineers, the Contractors and Sub-Contractors Who Are Building the Auditorium

The architect and the engineers employed by the state, and the contractors and subcontractors have taken this space in the Minnesota Alumni Weekly once each month for eight months that you might be appraised of the Northrop Memorial Auditorium's progress. They are among the reliable and best serviced firms in the northwest and they bear your earnest consideration when you are ready to construct a building job. Write, wire or call them:

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Hall Anatomy Building, and Ladies' Gymnasium. Biological
Building. We are now installing the Heating and Ventilating
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in the new University Hospital.

Reinforcing Steel for the Northrop
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KALMAN STEEL COMPANY
1112 Builders Exchange, St. Paul

The Superior Brick & Tile for the Auditorium
was furnished by

A. C. OCHS BRICK & TILE CO.
General Sales Office—204 So. 9th St., Minneapolis
Plant at Springfield, Minn.

AMERICAN BRIDGE COMPANY
629 S. E. Second street, Minneapolis
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Auditorium

Roofing and Steel Metal
METAL MANUFACTURING CO.
121-29 5th Ave. So., Minneapolis

Millwork
SMITH & WYMAN
129 S. E. 8th street, Minneapolis

Interior Stone, Marble, Tile
DRAKE TILE & MARBLE COMPANY
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Hollow Metal Doors for the Northrop
Auditorium furnished by
GROSS METAL PRODUCTS COMPANY
2575 Como Avenue W., St. Paul

Electrical Work by
STERLING ELECTRIC COMPANY
33 South Fifth street, Minneapolis

The NANIBOUJOU CLUB



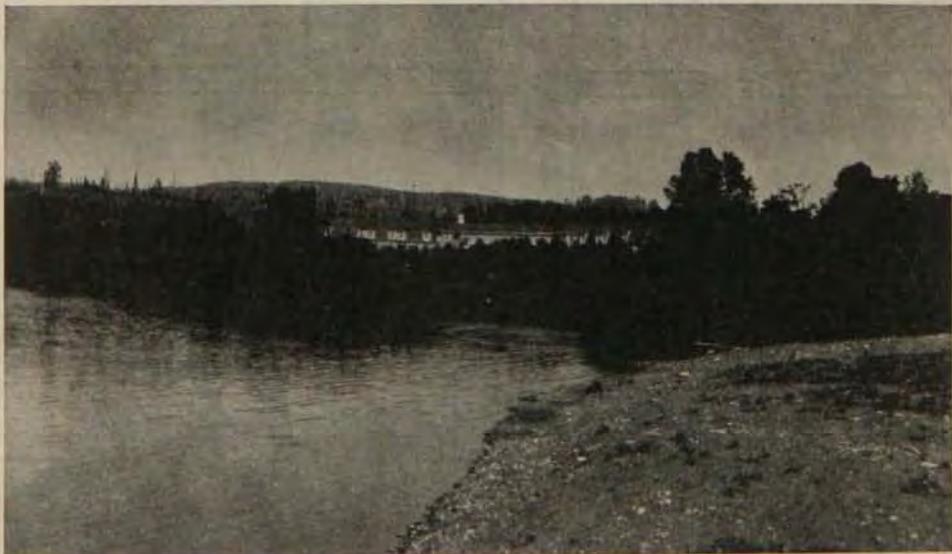
Unusual in appearance is the strikingly beautiful Naniboujou Club house which has been completed on the grounds of the Club which face Lake Superior. The building is of French architecture with weather stained shingles.

The New Naniboujou Club House Is Completed and Will be Dedicated July 1.

WITH the Naniboujou Club building completed and the furnishings in place, plans are going forward for the formal dedication of the structure which will take place when the club opens for the season July 1.

Complete facilities will be available in the club house including rooms and meals. Or, if you prefer, you may own your own little Dutch cottage, a series of which are now being erected by the club.

Membership is available at this time to those of standing who will recognize the unusual varied features of complete social and recreational features available. A membership, to those acceptable, for a Vacation Gift is suggested.



This photograph shows the location of the beautiful and advantageous club house. The stream in the foreground is the Arrowhead river which flows into a small bay (in the foreground) and which forms a wonderful, natural swimming pool. The club house rises majestically out of a heavy growth of pines and balsam, like a jewel in a radiant green setting.

Inquiries may be addressed to the Minnesota Weekly or to 202 Paladio Bldg., Duluth, Minn.

End.