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No. 13

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To serve the University.

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E. B. JOHNSON, '88, Editor.
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HARRY WILK, '12, Assistant Manager.

COMING EVENTS.

December 11th, Debate—Minnesota vs. Iowa in the University chapel and Minnesota vs. Illinois at Urbana.

December 15th, "A Good Natred Man" by the dramatic club in chapel.

December 16th, Christmas party by the women in Alice Shevlin Hall.

December 17th, Leland Powers will read "Cricket on the Hearth" in the University chapel.

February 11th, Junior ball at the over-town Armory.

PRESIDENT NORTHROP RESIGNS.

President Northrop announced, last Saturday evening, that he would place his resignation in the hands of the board of regents when it meets tomorrow, to take effect at the close of his twenty-fifth year of service which will be the last day of next July.

Though not unexpected, the announcement comes as a shock. Some-

how the alumni had come to feel that the University without President Northrop would be no University at all, he is so identified with the past twenty-five years of its history. All but two hundred of the sixty-two hundred eighty-five graduates have received their diplomas at his hands and have known and loved "Prexy" Northrop. During these years the institution has grown from an enrollment of 289 to 4671. Instead of two buildings as there were when he came there are now twenty-two on the campus and nearly as many more on the farm. We have not the time to go further into this part of the history of his administration, that will more appropriately come when the change is actually to be made.

The announcement that he is to leave the University will cause the student-body, the alumni and the faculty to feel a sense of personal loss as though something very dear had gone out of their lives.

The President has earned the rest which he seeks and which all his friends hope that he may enjoy for many years to come. Few people have the faculty of making and filling so large a place in the hearts of so many. The thought of these thousands will not turn first to the institution and the loss which it suffers in the resignation of the President, but to the man who has made himself so dear to them by his lovable qualities. No college president ever enjoyed to higher degree, the love and honor the student and alumni bodies.

While the President severs his connection with the University, please God, we shall have the man with us for many years to come, to cherish and honor as our hearts shall prompt us.

In laying down the burdens of administration while in the full vigor of his manhood, President Northrop has but given another evidence of the wisdom that he has shown through the years of his long and successful administration. It is also an evidence of his unselfishness and love for the institution, for he will remain in charge until his successor is chosen and the institution will move along without a break.

A CHRISTMAS SUGGESTION

A copy of the UNIVERSITY DICTIONARY would please any friend who is interested in the University. Order through the Weekly.

The early announcement of his retirement will make it possible for the alumni to plan to attend the exercises of next commencement and to make that occasion, the twenty-fifth at which the President has presided, the most memorable in the history of the University, and it will afford us an opportunity to show our love and loyalty in a way that shall prove to the President how sincere is our devotion and how great our appreciation of his quarter-century of service.

DESERVE THE BACKING OF ALUMNI.

The Minnesota men who are to debate Iowa in the University chapel next Friday night will present the fruits of months of hard toil over the question of a commission form of municipal government. No man on any athletic team has done harder or more conscientious work, and they have not received columns of newspaper notices nor the cheers of their admiring fellow students during these months of weary preparation.

They have earned the reward of a large and enthusiastic audience next Friday night when they present their arguments and try to overthrow the arguments of the young men from Iowa, who have likewise been doing the same sort of faithful work for their alma mater. Let us show them that we appreciate such work and that the University and its students and alumni stand for something beside football.

The debate is to be a good one. Max Lowenthal, John Sinclair and Zenas Potter will uphold the affirmative against Iowa. Charles Carlson, Norman Houck and John McKinnon will journey to Urbana and argue the same question with Illinois, taking the negative side of the question.

Every alumnus ought to feel his responsibility in this matter and show his interest in this line of work. The money is needed to pay the expenses of bringing the Iowa team to the University, and the judges from Lincoln, Nebraska, and while we do not urge you on the ground of financial help, that is not to be despised.

PLANS FOR A BUILDING ADOPTED.

The board of governors of the Minnesota Union asked two leading

architects of the city to submit plans for a building for the Minnesota Union, according to specifications prepared by them. Plans were submitted by Messrs. Lowell A. Lamoreaux, '87, and Edwin Hawley Hewitt, '96. After a careful examination of both sets of plans, the board by a unanimous vote adopted the plans of Mr. Lamoreaux and have now gone ahead to make their dream a reality.

Of the plans we shall speak more in a later issue; it is sufficient to say at this time, that they far exceed, both in point of beauty and practical usefulness, anything the members of the board had conceived. The exterior of the building, which is to be built of light colored stone, will exceed in beauty anything now on the campus, the library building being the only one at all comparable to it in this respect.

It is to provide rooms for all of the various activities of the men of the University,—commons, with a capacity of 1040; theatre, living room, smoking room, reading room, billiard room and bowling alleys, game rooms, assembly rooms, office rooms, rooms for the Y. M. C. A., a large dancing hall, and eight guest chambers, with room for expansion in several lines.

The board of governors intend to secure the erection of this building which will cost slightly less than \$250,000, by one man, if possible, and they feel that such an outcome is more than probable. If not one man, then several men giving smaller sums. The building is coming and the men who have seen the plans, are bubbling over with enthusiasm.

The plans will first be presented to the student body by means of lantern slides to be shown at a banquet of men to be held in the near future.

After that time the Weekly will present its readers with a view of the plans and details of the progress of the whole matter to that date.

It is the biggest thing ever undertaken by the student body and the men have already backed it with subscriptions to the amount of nearly \$30,000.

A UNIVERSITY BIBLE SECRETARY.

The discussion concerning the establishment of the office of student pastor of the University, supported

by the evangelical churches, has finally resulted in a movement that is likely to result in the establishment of such an office under the auspices of the Y. M. and Y. W. C. A.

The International Committee of the association has chosen Minnesota as the field most likely to afford a favorable trial of the experiment and sent Mr. E. C. Carter, and Miss Wilbur and Mrs. Reu, here to give their time to an active prosecuting of the campaign to raise funds for the purpose.

The idea is to call a man who is a college man, who has had experience in Y. M. C. A. work and also as a pastor and who is a man big enough to fill a chair in the University and to pay him such a salary as would be paid a University professor and to place him in charge of the religious work of the two associations.

The work of the representatives of the International Committee was successful to a marked degree and though they did not succeed in raising the required sum they did make such headway as to practically assure the carrying out of the plans proposed.

The committee in charge of the work are going to push it to completion if possible before the first of the year, and if it is necessary the International Committee will send helpers here to start the work on the proposed basis.

DEAN RANDALL TO RESIGN.

It was announced last week that Dean Randall, of the department of agriculture, would place his resignation in the hands of the Board of Regents at their meeting tomorrow. His resignation is due to the fact that he was recently elected president of the Minnesota Mutual Life Insurance association, which will require all his time. The dean has been in charge since the resignation of Dean Liggett, a year and a half ago and has shown himself to be resourceful and energetic to a marked degree.

Professor Harry Snyder and Mr. Willett M. Hays, of the United States department of agriculture, have been mentioned as his successor.

CITY COUNCIL WILL HELP.

The city council have appointed a committee to help the Regents to

secure action on the part of the legislature to settle the question of the future status of the Northern Pacific tracks.

IMPORTANT MEETING

The faculty club held one of the most important meetings of its history the night following the Carlisle game. The topic up for consideration was graduate and research work and how to encourage the same. Resolutions were adopted and sent to the University council with request for approval and transmission to the Regents at their meeting tomorrow. We shall give more space to this meeting in a later issue.

MEDICAL MEN MEET

Next Tuesday evening, in the University chapel, there will be held a most important meeting in the interests of medical education. The meeting will be devoted to a review of the history of medical education in Minnesota which will be given in a paper by Dr. R. O. Beard, professor of physiology. President Northrop will preside and make a few introductory remarks. After the close of Dr. Beard's address there will be brief talks by Drs. A. J. Stone, and Parks Ritchie of St. Paul and Drs. F. A. Dunsmoor, C. A. McCollom and J. T. Moore, of Minneapolis, who have all been in charge of medical institutions in this state in past years.

Governor Johnson will be present in person if possible and discuss the interest of the state in proper medical education, and if he cannot be present will send a statement to be read. Governor Lind, president of the board of regents, will tell of the interest of the Regents in medical education. Dr. W. J. Mayo, member of the board of regents, will tell of the needs of clinical medicine, while Dean F. F. Westbrook will close the program with "The forward look in medicine."

PRESIDENT NORTHROP'S WESTERN TRIP.

President Northrop returned from his western trip the Tuesday before Thanksgiving. He went west, primarily, to visit Walla Walla and help to place Whitman College, which is located at that place, upon its feet. The meeting he addressed represented over fifty millions of wealth which

had been gathered there for the purpose of being impressed with the needs of Whitman. Reports say that of the many great men gathered there President Northrop was easily the "big man."

From Walla Walla he went to Seattle where he was met by Lewis Schwager, president of the Seattle alumni association. He was shown every possible courtesy at this place and his day was filled with events that followed each other in bewildering succession. In the evening a banquet was held for him at which there were present ninety six University of Minnesota men and women and the president was given a royal reception. Here he urged the men, and women too, to stand by the institutions of their adopted state and carried with him to the students of the University of Washington, whom he addressed the next morning, the pledge of the U. of M. alumni to stand by Washington.

After addressing the students at the University of Washington, he took the train for Spokane. The Spokane alumni had been busy, Messrs. Parker W. Kimball and Earle G. Constantine having been appointed by President Evans, a committee on arrangements. The Chamber of Commerce, at the suggestion of this committee, gave a dinner in honor of President Northrop, at which there were present a very large number of the leading business men of Spokane. Before luncheon he held an informal reception in the lobby of the hotel, the same being thronged with people who came to pay their respects. After the luncheon he was taken by the editor of the Spokesman-Review for an automobile trip over the city, accompanied by the president of the Chamber of Commerce and Earle Constantine, representing the alumni.

That evening the local alumni and former students gave a banquet in honor of the president in the Hall of Doges at Davenport. The president told them of the University of today and repeated his message of loyalty to the institutions of their adopted state.

Parker W. Kimball was toastmaster; Hugh Gage, '08, spoke on The last edition; Paul M. Glasoe, president of Spokane college, responded to Minnesota and education; George G. Belden told of Feeling the West-

ern pulse; Captain E. L. Butts, told of Under fire; A. D. Campbell, spoke of a Pattee protégé; Mrs. Evenson, daughter of Dean Pattee, toasted Our President.

President Northrop felt deeply grateful for the reception given him in the west, and the alumni of the west are wildly enthusiastic over their opportunity to show him how large a place he holds in all their hearts and how sincerely they honor him.

McVEY TO BE REAPPOINTED.

Governor Johnson last week announced that he should reappoint Dr. Frank L. McVey to the tax commission upon the expiration of his term next April. When the drawing for terms was originally made, Dr. McVey drew the short term. The new appointment will be for six years from the first of next April.

MINNESOTA ACADEMY OF SOCIAL SCIENCES.

This organization held its annual meeting at the law building of the University last Thursday and Friday. Among the University men who had part in the program, were Professor H. J. Fletcher, who presided at the opening session; Judge Charles B. Elliott, '88, of the supreme court, who presided at two sessions and who discussed, in his presidential address, The Commonwealth; Attorney General Young discussed Present problems involved in Minnesota's statehood; Dr. E. V. Robinson discussed The wealth of Minnesota, Rasmus Saby, '07, discussed The origin and development of railroads in Minnesota; Clarence B. Miller, '96, Law '00, newly elected member of Congress, presided at one session; G. O. Brohough, '89, discussed The policy of the state regarding timber lands; F. A. Wildes, Law '04, gave a similar discussion of the ore land of the state; and Professor Robertson discussed Agricultural lands from the same view point.

Dr. A. E. Jenks discussed the origin and distribution of the population of Minnesota; and Professor A. W. Rankin discussed Minnesota's Educational system and its present status.

FOR PHARMACY BUILDING.

Minneapolis, Minn., Sept. 29, 1908.
The Honorable Board of Regents,
of the University of Minnesota,
Minneapolis, Minn.

Gentlemen: The Minnesota Pharmaceutical Association has always appreciated the efforts you have made to secure an adequate building for the College of Pharmacy. Especially did the Association appreciate the efforts you made for a pharmacy building during the last session of the legislature. That your request was not granted was a matter of the utmost regret, not only to the Association, but to the entire profession in the state. The Association is deeply interested in the welfare of the college and in the maintenance of a high standard for the pharmaceutical profession. Because of this and because the Association was the first to recommend to your honorable body in 1891 the establishment of a College of Pharmacy as a department at the University, it feels justified in offering its services and influence to your honorable body in your efforts to procure from the coming legislature a sufficient sum for a separate and substantial pharmacy building.

At its recent meeting at Alexandria the Association was a unit in its contention that the College of Pharmacy is entitled at once to adequate and substantial quarters and equipment. The state demands better service than the College of Pharmacy in its present condition of cramped quarters and inadequate equipment can offer despite the fact that it has a most efficient faculty. It cannot be disputed that the growth and expansion of the colleges comprising the medical department have been most unequal. The College of Pharmacy has had to refuse admission to applicants during the past several years because of lack of room. It cannot grow unless the means for its growth are provided. That you have recognized this fact you have abundantly evidenced in your last recommendation to the legislature, when you asked for a pharmacy building. It has been intimated that possibly the legislature did not allow a sum for a pharmacy building because of a lack of interest and activity on the part of the pharmacists of the state. The pharmacists were under the im-

pression that no effort on their part was required since your honorable body placed the request for a pharmacy building at the head of the list of requests of the legislature. The pharmacists now feel that they should put themselves in evidence and so are offering you their co-operation.

The Association instructed me by unanimous vote to appoint a committee to work in conjunction with our legislative committee and whose sole purpose shall be to use all honorable means and influence to bring about the granting by the legislature of at least \$100,000 for a separate pharmacy building. This committee, of which Mr. A. J. Kline is chairman, requests a hearing before your honorable body at your meeting on Thursday October first. I respectfully ask you to extend to them the courtesy of an audience. They will be brief.

Very respectfully yours,
G. H. GOODRICH,
President.

NEW TEXT ON OPERATIVE DENTISTRY.

The Blakistons have just issued a new text in Operative Dentistry which is of special interest to University alumni since two of our dental alumni are among its contributors. Dr. Alfred Owre, '94, dean of the college, contributes chapter twelve which is devoted to Filling Materials: their characteristics, indications for their use and methods of manipulation. Of this chapter, the American Dental Journal, which is recognized as conservative in its statements says—"The chapter of filling materials, their characteristics, indications for their use and manner of manipulation, covers so much of the very best in dentistry, the pages of the book devoted to this subject are so universally good that it would pay anybody, student or practitioner, to study this chapter. It covers the ground so thoroughly that it seems that not only the mechanical ingenuity of the student would be roused to its greatest effort, but the poetic inspiration with which the author has detailed his facts makes it read almost like a novel, and yet it has the true ring of scientific and thoughtful study. There is so much that might be said of this chapter that it would

seem overdoing the thing to say more."

The Dental Cosmos, in speaking of the work, says—"From the standpoint of operative technique the work is above criticism."

The chapter on Orthodontia is by Herbert A. Pullen, Dent. '97, an orthodontia specialist of Buffalo, N. Y. This fills 240 pages. Of it the American Dental Journal says—"The chapter on orthodontia is one that should claim the attention of every practitioner of dentistry who is unable to become a specialist in this particular line." The quotation given above from the Dental Cosmos applies to this chapter also.

GILBERTSON HONORED.

A. N. Gilbertson, '08, has been authorized by Dr. Oscar Montelius to translate into English his new book "The History of the Cross."

THE SITUATION AS TO RESEARCH.

It is probably generally admitted today that the essential function of a university is to preserve the records of accumulated knowledge and to provide the opportunity for adding to human knowledge. In the latter is implied the teaching function, and it has become a prominent part of the work of modern universities to open the stores of knowledge to their students and to train the students in the methods of inquiry. In this country the work of teaching was necessary in early years and furnished the ground for the foundation of institutions of higher learning by the states. Having begun with the function of teaching, the state universities are now coming to fulfil the more essential function of research.

In the recent discussion before the faculty two main points were emphasized: the pecuniary advantages to follow from research in the various departments of the University, and the idea that we ought to begin this important work as soon as possible. These two arguments do not seem to the writer to be the most important or the most forceful at the present time. The last speaker called upon on that evening pointed out the fallacy of talking about beginning research work by showing that research work has been in process in the University for years. The

proposal made by the committee was that the legislature be asked to provide for research work especially by the appropriation of funds for fellowships. This is a very different thing from a proposal to begin research work in the University. It is true that, aside from the funds available in the college of agriculture, little provision for research has been made; nevertheless a considerable amount of research work has been done. If this latter were not true, the faculty would have a very poor case to lay before the board of regents and legislature. If a man has the spirit of investigation in him, the fires of research will burn under any conditions commonly found in our state universities. If he has not the eternal spark within him, no appropriations for fellowships or equipment, however munificent, will greatly increase his contributions to knowledge. The request for fellowships would be best supported by showing that without special provision for research, the University faculty has been making noteworthy contributions to knowledge. There should be collected and published a bibliography of the University, showing all the researches published by members of the University faculties since a given date, say January first, 1900. Many institutions have compiled such bibliographies and some information has been collected here, but so far as the writer is aware nothing of the kind has been published. The publication of such a list would go very far toward stimulating the members of the faculties to greater effort and at the same time would give to the public the proof that the University faculty is able to direct the work of research students, if provision should be made for them by the legislature.

On the other hand, the pecuniary advantage to accrue to the state from the results of the particular investigations carried on is not, in the writer's opinion, the chief or the best reason why the state should provide for this work. Investigations in many lines produce no visible pecuniary advantage. The real basis for research in state institutions seems to the writer, to lie in two facts not always recognized: (1) the value of education lies in the increased capacity for appreciation and the in-

creased productive power of the individual receiving it; (2) the prosecution of research is necessary to the high efficiency of a teaching force and for the conservation of the chief asset which the state has in its University. The advantage to the state to be secured by the encouragement of research lies chiefly in the power for investigation created in the students and thereafter devoted to the development of the resources of the state and of her people. If it be said that the endowment of fellowships would benefit many who might come from other states and go away again it may be answered that such a process in itself would work for the highest good of the University and the state. In the legislature of the state of Michigan some years ago, an objection arose to the liberal policy of the university in receiving students from without the state upon the payment of only nominal fees. President Angell answered this criticism in one of his most eloquent addresses, spoken to the legislature itself, in which he declared with all the power at his command that among all the valued possessions of the university, the greatest had been the fact that it was the meeting place of students from all parts of the country and many foreign lands, and of students of all forms and shades of political, religious and social opinions and ideas. It was this above all things else, in President Angell's opinion, that had made Michigan an institution of liberal education. It is still true that Michigan stands alone among state universities in offering the opportunity for commingling and mutual helpfulness to persons of all countries and religions. If we can gain something of this for our University by encouraging research, it will be most fortunate.

The improvement of the University itself and the consequent benefits to future generations should be the chief consideration in any proposal involving large expenditure of money and energy. The essential part (along with the student-body) and the chief asset which the state has in its university is the faculty. It may be stated without argument that, since it is the function of the faculty at the least to impart knowledge and to train students for the appreciation and acquisition of knowl-

edge, then he is best equipped for a university position who is himself acquainted at first hand with the body of knowledge which he would impart. Without personal acquaintance with the limits of knowledge in their fields and experience in the methods and toil of investigations, few men can inspire their students with the desire for investigation or direct them in their efforts. The spirit of inquiry and of unprejudiced weighing of facts which comes with research should be imparted to all more advanced students, and for this reason instructors in advanced classes should engage in research. The prosecution of research should be the chief basis for appointments, promotions and salaries, although along with this should go the power to lead and to inspire.

Furthermore, the University staff, like the material equipment, deteriorates. The most fruitful cause of deterioration is found in advancing age and the natural tendency to inertia, the tendency to fall into ruts. The narrowness and lack of responsiveness seen in men who have been long in the work of teaching can be largely avoided by the exercise of investigation and invention. It is because the conditions of university teaching make the pursuit of knowledge difficult that the professors so often become unable either to grasp or to convey to others the new truths which in every generation constitute the breath of life of the community. If the university is to serve the state in the highest degree, the state must provide the condition for keeping the university staff alert and responsive to the needs of the times.

To accomplish this requires two things: favorable conditions to attract research students; and better salaries, fewer hours of teaching and more hours of research for those members of the faculty who show themselves able to carry on investigation.

Two other practical helps to research may be mentioned. One is a great increase in library facilities. It is in the provision for the library that our University has been most neglected. Nor is the need yet fully appreciated. The appropriation which is hoped for is very far from sufficient to give the University a good working library for research. Much

larger sums should be available for a term of years to make up for past poverty, especially to buy files of periodicals in scientific and other lines which are absolutely essential to the prosecution of research. The library could be greatly benefitted also by the foundation of a publication containing the results of research. Through exchange this would bring a great deal of valuable literature to the University.

The other aid is to be found in a club composed of the men engaged in research which shall (1) offer opportunity for reports and discussions of researches in progress for the sake of mutual stimulation and helpfulness; (2) discuss ways and means of forwarding the research interests, and (3) in these and other ways bring into harmony and close sympathy those who are devoting themselves to do this work.

Although for the sake of brevity the above is cast in dogmatic form, it is written not in a dogmatic spirit but rather with the hope of encouraging further discussion.

J. B. JOHNSTON.

ARTIST LEAGUE EXHIBITION.

The drawing department of the University was ably represented by the work of Miss Clopath at the first exhibition of the Minneapolis Artists' League. The members of this new society have united for the purpose of giving a free annual exhibition of their work. To insure a high standard, only those artists are eligible whose work has been accepted at some important art exhibition outside of the state.

Miss Clopath showed six canvases, all but one of scenes in Brittany, where she went for a vacation, after having devoted most of last summer to visiting schools and studying methods of art instruction in England and France. These paintings of Brittany show the old gateway, picturesque streets and quaint interiors of Concarneau, a fishing village on the Atlantic coast. The human interest is well expressed in these pictures of real life; the old woman knitting, the little boy, the woman with her cup of coffee and the woman churning. The pictures have also a fine effect of light and of atmosphere. That the picturesque element is with us, if we only look for it,

is shown in the picture "Churning," which was painted in a kitchen of a Minnesota village. It is as quaint as the Brittany interiors. It has been shown and appreciated at a number of prominent exhibitions in different parts of the country.

It is a matter of congratulation for the University that it should be so ably represented in this department. The desire is often expressed by alumni, students and others interested in the University, that the work of the department of drawing may be extended; not in the training of artists, but in practical work which has also a culture value.

WEDDINGS.

J. O. A. Preus, Law '06, private secretary to Senator Knute Nelson, and Miss Idella Haugen, of Decorah, Ia., were married November 26th.

Ruth Haynes, '06, and Leslie F. Carpenter were married last Wednesday evening in this city.

Professor Edward M. Lehnerts, of the department of geography, and Miss Wilhelmina Busch, of Red Wing, were married Thanksgiving morning at Red Wing. Dr. and Mrs. Lehnerts will be at home after January 15th, at 617 Delaware Street S. E.

James W. Lawrence, Jr., '01, and Helen W. Coburn, of Cleveland, Ohio, were married November 28th. Mr. and Mrs. Lawrence will be at home to friends at Ocean Park, Calif.

DEATHS.

While the issue of November 16th was being printed word was received of the death of Professor Guy H. Roberts, '99. That issue of the Weekly spoke briefly of him and his growing reputation. The cause of his death was chronic appendicitis and occurred November 15th. Dr. Roberts had shown himself to be one of the coming men at California and was slated to become the head of the department of economics of that institution had he but lived.

Floyd S. Loomis, '07, died last week at his home in Eureka, Mont., of acute peritonitis. He had been located at Eureka something over a year and was engaged in the lumber business up to the time of his death. Mrs. Loomis was Ruth Robbins, and formerly a student at the Univer-

sity. Dr. E. S. Loomis, his brother, of Somers, Mont., was with Mr. Loomis at the time of his death.

BIRTHS.

Born at Santa Fe, New Mexico, to Mr. and Mrs. George D. Kirkpatrick, a son, October 31st. Mrs. Kirkpatrick was Grace Grygla, '06.

Born to Mr. and Mrs. Louis Nash, Sunday, November 22nd, an eleven and one-half pound boy who has been christened after his father. Mr. Nash, senior, was a member of the 1903 law class.

Born to Mr. and Mrs. Frank O. Fernald, a son, November 1st. Mr. Fernald was a member of the 1904 class in engineering and Mrs. Fernald was Nell Stanford, ex-'07. Mr. Fernald says that the boy has not yet mastered the Minnesota yell, but that he feels sure that he will have to add that to his repertoire or run out of material soon. The Fernalds reside at Livingston, Mont.

OF GENERAL INTEREST.

Dr. Burton has been in Chicago for a week to attend to the production of his drama, "Rahab" by the Donald Robertson Company. The reception given the play was most generous. This company will give the play at Stillwater in January.

Professor Flather delivered an address before the American Society of Mechanical Engineers which met in New York, December 1st.

Plans are on foot to issue a subscription edition of the works of Arthur Upson, the proceeds to go to his mother. Dr. Burton will edit the book and the number to be printed will be limited to the subscriptions received. The price has been set at \$5.

The first number of the Minnesota Engineer appeared last Friday.

Tickets for the Y. M. C. A.-Daily lecture course have been reduced in price to \$1 for students and \$1.50 to others.

The law alumni have purchased an oil portrait of Dean Pattee by Grace McKinstry, and presented it to the law school. The dean is represented



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as standing in an attitude as he usually stands when talking to his classes.

President George Edwin McLean, of the University of Iowa, was at the University last week looking over the institution. He is enthusiastic over the prospects before the great Iowa institution of which he is the head.

The cadet officers are asking to be placed upon a salary basis.

At a recent reception at the Town and Country Club in honor of Mr. Stokes, secretary of Yale University, Dean Jones spoke upon "Yale life and ideals."

Professor Kessner, of the engineering department, has resigned to accept a position with the United State Geographical Survey. His place has been filled by the selection of W. B. Newhall, Eng, '00, formerly of Denver, Colo.

John W. Dye, '04, deputy consul general at Berlin, has been at the University for the past ten days. He addressed the classes in economics upon the consular service. He is not to return to Berlin and does not know where he will be located. He

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is now visiting his brother, W. B. Dye, '03, secretary of the Y. M. C. A., at Topeka, Kansas.

John E. Merrill, '91, president of Central Turkey College, at Aintab, Turkey-in-Asia, and Mrs. Merrill, are visiting with his parents in this city. His old friends of the First Congregational church held a reception for him last Friday night in the church parlors and he preached in that church yesterday morning and evening. Dr. Merrill will be in the city until after the holidays and will doubtless talk to the Y. M. C. A. class studying Minnesota men in missions.

Professor C. W. Hall, of the department of geology, left ten days ago for San Diego, Chile, to attend the Pan-American Scientific Congress

as the delegate of the University. Minnesota was one of a very few Universities invited to take part in this congress and Professor Hall has an important place on one of the committees. He will be absent until about the 5th of February.

Mrs. Marion Craig Wentworth, '94, recently read "Votes for Women" at the First Unitarian church in this city. Sunday, a week ago, she read one of Ibsen's plays before the socialists of this city. Mr. Wentworth is one of the leaders among the so-

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cialists in this country and Mrs. Wentworth, who is a dramatic reader, reads much from socialistic literature.

Dr. A. E. Jenks, professor of anthropology, has been asked by the American Museum of Natural History to be its representative at the inauguration of Dr. Hill as president of the University of Missouri, December 10th.

Mr. Rowland Haynes, of the department of philosophy and psychol-

The first volume of an **Encyclopedia of Religion and Ethics**, to be completed in ten volumes, is announced by T. & T. Clark, of Edinburgh. Among the American contributors is Dr. Wilde, who is responsible for a number of articles on some of the most important conceptions of ethics, such as those of Happiness, Welfare, Moral Law, Self-Development, Self-Preservation, and others. The work is the first of its kind and the articles are to be thorough and extensive. Dr. James Hastings is the general editor.

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ogy, has received an advantageous call to enter associated charity work in the east as secretary in one of the New England cities. Mr. Haynes has already had practical experience in such work previous to taking up his studies in philosophy, his special interest being in the psychology of morals and religion. Although his interest is primarily in teaching, his health in this climate is such as to make the call one to be considered. This is the second call he has had since coming to Minnesota last year, he having refused a position at Yale last spring.

Professor Harry Snyder, of the divisions of Agricultural Chemistry and Soils, has been in Washington for a few days attending the meeting of the Association of Official Agricultural Chemists, of which society he is president. At the close of the meeting the committee on resolutions thanked Prof. Snyder for the able, courteous and impartial way in which he had presided.

The Graduate Club entertained in Alice Shevlin Hall Tuesday evening, November 24th. Dean Eddy spoke on "The National Association of

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Universities," Miss Dalmore gave a piano solo and Mr. Potter sang. Dr. Phelan spoke on the "Democracy of the Home." After an informal social gathering, refreshments were served. About forty-five were present and the first meeting proved very successful.

One hundred forty-seven students of the school of agriculture attended the recent live stock show at Chicago. The Minnesota team lost out in the stock judging contest. Minnesota's Aberdeen-Angus cattle won a first prize and the Angus herd took second also.

Minnesota will be represented by an excellent exhibit at the corn show at Omaha, Nebraska, this week. Fifteen men from the department of agriculture will accompany the exhibit.

The Sigma Chis will celebrate tonight, the twentieth anniversary of the founding of the local chapter. The banquet will be held at the West.

The board of regents of the United Norwegian Lutheran church elected Dr. J. E. Granrud inspector of St.

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Olaf college for the present year and he spent November 24th and 25th at that institution.

Dr. John H. Gray, of the department of political science, spoke last Saturday at the University of North Dakota, upon The duty of the uni-

HORTICULTURISTS MEET.

The forty-second annual meeting of Minnesota horticulturists was held last week. The following named members of the agricultural faculty had places on the program: Green, Franklin, Ware, Cady, Koehler,

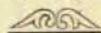
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versity to the community. Sunday he spoke at the North Dakota Agricultural college, at Fargo, upon a Twentieth century definition of my duty. Tomorrow he speaks at the Commercial Club of this city upon Commercial education.

Cheney, Wentling and Washburn. At the meeting of the state forestry association held in connection with the foregoing, various students of the course made short talks upon topics connected with the subject of forestry and forest preservation.

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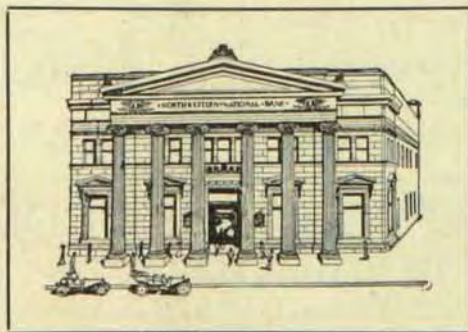
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VOL. VIII

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The University of Minnesota,
Minneapolis.

E. B. JOHNSON, '88, Editor.
JACOB WILK, '07, Advertising Manager.
HARRY WILK, '12, Assistant Manager.

COMING EVENTS.

December 14th, Freshman-Sophomore debate in chapel, for \$75 prize.

December 15th, Woman's League and Y. W. C. A. Party in Alice Shevlin Hall.

December 16th, "A Good Natured Man," in chapel by the Dramatic club.

December 17th, Leland Powers, the great impersonator, in chapel.

December 18th, 12:30 p. m. Third Dutch-Treat luncheon at Donaldson's.

DIRECTORY—CHANGES, CORRECTIONS AND ADDITIONS.

There have been a considerable number of changes, corrections and additions reported since the directory was issued. In the next number of the Weekly we shall devote space to these matters which are crowded out of this issue.

We have been obliged to cut down many things and omit entirely many others which we wanted to get into this number. What the regents did, is alone enough for an issue. The resignation of President Northrop might well fill a whole issue. The medical celebration last Tuesday night would fill at least two issues, if reported as fully as we should like to report it. The debate, too, would easily fill a large part of an issue. And all of these things have to be condensed into one single issue.

RESIGNATION REFUSED.

The resignation of President Northrop, announced in the Weekly, last week, was presented to the Board of Regents on Tuesday last. The Regents responded by refusing to accept the same and asking the president to withdraw the resignation. By this action the Regents showed their unimpaired confidence in the president, by adopting the following resolution: Resolved, that this board have received with great regret the resignation of the president of the univer-

THIRD DUTCH TREAT LUNCHEON

The third Dutch-treat luncheon will be held at Donaldson's tea rooms next Friday, the 18th and will begin sharply at 12:30. Dr. John H. Gray, of the department of political science, will talk for a few minutes upon

"Culture: How We Lost It and We May Regain It."

This is one of the most vital questions which the University is facing today and its discussion by Dr. Gray will be distinctly to the point and will be of interest to everyone interested in the University. You cannot afford to miss the talk or the chance to meet "the boys."

sity—which we decline to receive, and we respectfully and earnestly urge him to withdraw it.

The result of this will be that the President will undoubtedly comply with the wishes of the regents and withdraw his resignation at this time, but that he will insist, within the next few years that the regents secure another man to relieve him of his duties as president. The situation is exactly the same as that at Michigan, where President Angell's resignation was refused and where he has been serving for the past five years since his resignation was tendered.

The alumni will be glad to know that President Northrop did not resign because he felt any failure of his powers or of his ability to continue the duties of his office for a number of years to come, but from a desire to promote the best good of the institution and to leave the board of regents free to make a change if they felt that a change was desirable. It has been the intention of the President for years to resign when he reached the age of seventy-five and had completed his twenty-five years' of service to the University. The resignation is but evidence of his desire to place the institution before himself and to do nothing that shall stand in the way of its progress and best good. His action has but endeared him to his children, both students and alumni, who will be glad to know that the president is still strong and vigorous and that for a few years longer, at least, we shall have him with us. His action warns us though that the time is not far distant when he will place his resignation and will insist upon being relieved of the duties which he has carried so long and so well. The next commencement, the twenty-fifth at which the president has presided, will afford the alumni an opportunity to honor him and to show him their real affection.

The *Weekly* is going to issue a special number in commemoration of the event, devoted to the president and his administration. Any alumnus who has any material that would be of interest to include in such a number is urged to send it to the editor of the *Weekly*.

Particularly do we want material that shall tell of his chapel talks. To thousands of alumni these little talks have been the most valuable thing

they have had from their college course. Tell the editor of some talk, or talks, that particularly impressed you and altogether we shall probably be able to get together a most interesting chapter dealing with the president's most vital touch with the student body and so of his influence upon the state of today and the future.

THE REGENTS' MEETING.

The regular December meeting of the board was held at the University last Tuesday and the board put in a long and busy day. All members save Governor Johnson and Pierce Butler were present.

Professor van Barneveld was authorized to attend the national meeting of mining engineers to be held at Pittsburgh at the State School of Mines.

Dean Randall presented his resignation and it was laid over to the 29th, the date of the next meeting.

The change in work asked for by Professor Snyder was referred to the agricultural committee to consider and report.

The resignation of President Northrop was presented and the resolution which is given elsewhere was passed by a unanimous vote.

Dean Owre asked for permission to withdraw the dental college's membership in the National Association of dental faculties, which was granted. Minnesota is one of the founders of the new association that has been organized to promote higher ideals in dental education and so can gain nothing by retaining the old membership.

The cadet officers who asked for pay had their request referred to a special committee. The basis of the request is the fact that they have to incur certain expenses incident to uniforms, etc.

The summer school of embalming was ordered discontinued.

Stephen V. Conway was voted the decree of doctor of dental surgery.

\$85 a month for the second semester was allowed for additional instruction in the department of French.

Senator Elwell was requested to offer a bill, early in the session, providing for the acceptance of the Carnegie Foundation provisions prelim-

inary to the placing of state universities upon the pension list.

Departments desiring to publish group statements may do so by first securing the permission of the executive committee.

Dr. Erdmann asked to be re-im-bursed for personal loss suffered in the fire which destroyed the anatomy building. He was referred to the committee on claims in the legislature.

It was voted to grant the use of the old Phi Kappa Psi fraternity house, 303 Washington avenue south-east, for the use of a hospital and a small house near this is to be chosen for a home for the nurses.

The dental college was allowed \$600 for extra help needed in that department.

The department of psychology asked for an extra man at \$2,000 to take care of a course in psychology asked for by the medical faculty for their junior students. Matter referred to medical faculty for consideration and recommendation.

Dean Wulling asked for permission to omit from the requirement for a degree in his college, of drug store experience. This was granted.

President Northrop was made delegate to represent the University at the meeting of the National Association in Washington.

The following requests for appropriations were approved:

Library, annual, increased from \$10,000 to \$20,000.

Law library, \$5,000, no change.

Periodicals and binding, increased from \$2,000 to \$3,500.

Campus improvement, \$3,000; farm, \$1,000.

General repairs, increased from \$15,000 to \$25,000.

Cataloguing library, \$2,500, no change.

Elliott hospital, maintenance, \$50,000 annually.

Crookston and Grand Rapids experiment stations, no change from former requests.

Entomology, \$2,000.

Forestry, from \$2,000 to \$4,000.

Heating plant, \$150,000.

Anatomy building and laboratory, \$200,000.

Medical hall, main building, \$200,000.

Woman's dormitory, \$100,000.

The pharmacy college to be assigned Millard Hall.

The dental college to be assigned the histology building.

\$153,000 was asked for buildings, including an additional dormitory for women, and repairs at the school of agriculture.

Governor Lind was authorized to frame a resolution reciting the facts concerning the organization and support of the college of education and to say that since the people of the state seem to demand such a college, if the legislature will give the necessary funds, the regents will gladly do all in their power to administer its affairs in the interest of the state, but that at least \$150,000 should be appropriated for the building and a liberal provision made for its maintenance.

Governor Lind was also instructed to draw up a statement concerning the question of treatment of the Northern Pacific tracks and to include the same in his report, the whole matter being left entirely in his hands.

The Board also put itself on record emphatically in favor of an increase in the annual appropriation of at least \$60,000, or, an increase of the standing tax levy to one-half a mill.

It was voted to not take up the subject of campus extension but to make that the subject of a special communication to the legislature at a later date.

Altogether it was one of the most important sessions ever held by the board and a tremendous amount of business was transacted. Additions to the requests for appropriations may be made at the meeting of the board which comes the 29th of the present month.

The following resolutions, dealing with the retiring age limit were adopted:

"1. The age limit for retirement of those in the service of the university on an annual salary is hereby fixed at 65 years.

"2. Those now in the service of the university on an annual salary, who have reached the age limit shall be retired at the end of the present fiscal year.

"3. Hereafter retirement shall take place at the end of the fiscal year in which the age limit is reached.

"4. The service of any person retired may, by special resolution of the board of regents, be continued from year to year, if in the judgment

of the board his services are indispensable to the welfare of the university."

This regulation will affect but two professors at the present time but something like a half-dozen will come under its provisions within the next three or four years.

BIG MEDICAL CELEBRATION.

The meeting of last Tuesday night in the University chapel was called to celebrate the final consolidation of medical education in Minnesota. Dr. Richard O. Beard, professor of physiology, made the principal address and in the hour and twenty minutes which he spoke he covered the history of the past in a manner wonderfully complete and lucid and kept his audience with him to the last word. We cannot give the address in full as it would more than fill this issue of the *Weekly*. A full report of the meeting, giving all the proceedings in full, is to be published and may be procured through the dean of that college. Every Minnesota practitioner should have a copy of this report.

Dr. Beard traced the principles underlying the changes which have come about and told of the three periods of development of medical education in this state: the preceptorial; the private college with traces of the preceptorial period; and the college under state endowment and support. He traced in strong, clear outlines the rise, growth and extinction of all of the various institutions which have served their day and which have finally all merged into the medical department of the University. In passing he paid a deserved tribute to the worth and faith and faithfulness of the pioneers in this line of education. The address was illustrated by lantern slides showing documents, portraits and buildings of historical interest in this connection. Various speakers of the evening paid their tribute to the speaker for his wonderful performance in crowding so much into so small compass.

President Northrop presided and in his usual happy way said the right thing at the right moment and paid a warm tribute to the memory of Dr. Perry H. Millard, for his work in the early days.

Drs. Alexander J. Stone, F. A. Dunsmoor, J. T. Moore, C. A. Mc-

Collom, and Parks Ritchie, followed and in short, pithy talks told of the trials and triumphs of their days. Dr. Stone told of the establishment of the first medical journal and school in Minnesota and how he as dean was obliged to teach, at times, everything but chemistry. Dr. Dunsmoor told of what it cost to have the honor of starting new colleges in those early days and of the tribulations attending the way of those who tried to provide dissecting material. Drs. Moore and McCollom told of the steps by which the Hamline medical department had progressed until it was merged into the college of medicine and surgery of the University. Dr. Ritchie told of humorous combinations of the early days and of his first lecture on obstetrics, saying that he had never before attempted to address an audience of any sort and that when he was to stand up and talk to his class for an hour upon the subject assigned to him that he felt that he could tell them all about the subject in less than half an hour. One of the students who attended the first lecture afterward told him that it was better than any vaudeville performance seen before the footlights.

Governor John A. Johnson was unable to be present but prepared a short paper which is to be published in the proceedings of the occasion.

Ex-Governor John Lind, president of the board of regents, then was called upon to tell of the relation of that board to medical education. He started out by saying that in the past it had been one of armed neutrality between the board and the faculty. He paid his respects to President Northrop by saying, "The President ought to be ashamed of himself to hand in his resignation when he is still vigorous enough to pass through such a day as he has today and still retain the freshness and youthfulness he shows this evening." The cheers which greeted this statement showed that the Governor had made a center shot. Continuing he said, the situation reminds me of a picture that used to be in a fairy book that I had when a boy, showing an old lady with a large number of children and but one small loaf to divide among them. The regents have done their best to make an equitable distribution of the loaf consigned to their care but it has always been too small to satisfy the

appetite and needs of a lot of growing children. He complimented the department upon having made good, and turned out good product. He, however, warned the department to remember that the department can never become greater than the whole, that the University stands first and the department second. The regents have in mind the building up, in the interests of the state, one great, unified, efficient whole.

He then told of some of the things the regents had done that day for the whole University, of which the department would share the benefits, calling particular attention to the recommendation for either a substantial increase in the annual direct appropriation or an increase of the tax levy to a straight one-half mill.

He then stated that he believed that in the life of every individual there were three periods of educational growth. The first that of mere receptiveness, the accumulation of facts; the second, that of continued acquirement and the beginning of co-ordination of facts; and third, when the individual begins to use the facts and powers to produce. He drew his conclusion that no man should enter upon his professional training until he had passed through the second stage and begun to enter upon the third stage. From this he passed naturally to graduate work and expressed his deepest interest in this line of work and told of efforts to be made to secure the endowment of fellowships through private generosity, and through various semi-public bodies. He closed by saying that the board would continue to rule the University as final arbiter, though they expected to make use of the information given them by those who knew the needs, and that their power would be exercised with judgment and discretion.

Dr. W. J. Mayo, regent, complimented Dr. Beard upon his address and then told how that in the beginning, under the preceptorial system, the work of preparing for practice of medicine was almost wholly clinical with little of the didactic and practically none of the laboratory method employed outside the subject of chemistry. The increase of the body of knowledge of the subject had made laboratory methods imperative and also made necessary the backing of the enterprise by the state. We have

now come to a period in medical education when the laboratory method has almost displaced the clinical and we must get back to the clinical method without sacrificing the laboratory and for this reason a clinical hospital is an absolute necessity. Minnesota has made great strides in its short history and now stands one of the first seven institutions in the country.

Dean F. F. Wesbrook gave the forward look in medicine. He first paid a tribute to the men who have made medical education in Minnesota what it is today. With a few introductory sentences to connect the past with the present which brings us to the threshold of the future he began—

"Our definite goal should be to make our college of the utmost use, first, to the people of the state and, secondly, to all mankind."

"Continuing he advocated the establishment of the most intimate relations with other public institutions that they may have the benefits of the University facilities and the University may enjoy the opportunity to teach and research.

"The hospitals to be established for the department should be established to care for the sick and to provide means for studying disease and its prevention. The sick poor will thus be assured of the best of care and the student of medicine will be provided with clinical material that shall give him the training which every physician should have. Such a system of co-operation will place at the disposal of the local physician the aid of the highest grade of skilled diagnostic and therapeutic assistance.

"The plan of co-operation would include a co-operative association for the more careful study and record of disease. Physicians everywhere would make special note of patients suffering with a particular disease and special cases of peculiar interest would be brought to the University hospital for special study and treatment under the most favorable conditions. The results of such observation by the many would be carefully co-ordinated and prepared for publication for the information of all.

"Another feature of such work calls for the sending out of trained specialists into disease afflicted regions to assist the local physicians in combating the epidemic, and to study the

disease and the conditions prevalent at the time. Such work means adequate laboratory facilities and the employment of every possible means of helping the local physician.

"The people's university should provide means for testing new methods and disseminating new facts, and to do this should be in continuous session. Such plans are not a departure from the original concept of the physician's function but a return to it. The basic branches of medicine have at present no place in private practice, but the University should place the facilities it has in these lines at the disposal of the private practitioner.

"The recognition by the state, of medicine as one of the most important of her economic and developmental forces, cannot help but lead to a closer relation of the professions to public work and a great change in present procedures, whereby the middle position between rampant individualism and extreme socialism will be reached.

"The University is the natural agent of the state in arriving at such a development. The University cannot achieve this unless each citizen is led to feel definitely that he has an individual interest in its work which should not only be to teach certain selected individuals to apply practically the principles at present known to the betterment of the state and to the individual in his every day life.

"Neither the medical nor any other department of the University can hope to avoid this inevitable and obvious combination of work which alone justifies the state in maintaining a university.

"In conclusion: Our college sees before it its goal in the increase of man's efficiency and the decrease of pain and suffering through the relief and prevention of disease. Combined effort of individual, state, university and college forces is necessary in order to reach that goal.

"Our forward look throws into prominence certain great needs and duties, a few of which may be mentioned.

"1. More hospital and laboratory facilities for the care and study of the sick of the state. This is no new function since she has already provided for those of her citizens who

are mentally or morally sick, as well as her defectives.

"2. A more careful study of the state's medical and public health problems, and more effectual co-operation between the present and future state institutions, and public institutions more local in their functions.

"3. The diffusion of knowledge which may be acquired by these studies, as well as that already available, to the state's medical students and the members of the state's medical profession, and through them to the people.

"Among the leaders of the onward movement, will be those to whom and for whom our University need offer no explanations or apologies. We mean our alumni."

It was half past eleven when the meeting adjourned, but even the layman found the discussion of such interest as to make it worth his while to stay the meeting out.

OF GENERAL INTEREST.

The benefit dance for Argyle Buck netted something over fifty dollars, which he has invested in coal and groceries.

The "Good Natured Man" cast has been doing good work in preparing for the giving of that play in chapel on the 16th. Unusually fine stage scenery has been secured, so they say, and the play promises to be among the best given by the dramatic club. The University orchestra will be on hand.

Professor Potter's class last week celebrated the 200th anniversary of the birth of Milton. Talks were given by Professors Burton, Potter and Peck, upon various phases of the life and times of the great poet.

The Greek club meeting last week was one of the most enjoyable and interesting which the club has ever held. Professor Hutchinson showed some stereoptican views and the whole spirit of the evening was thoroughly Greek.

Minnesota has the making of a fast basket ball team this year and the boys are out to win the western championship.

Some of the football stars are out for basket ball honors and will learn to pass and catch the elusive sphere.

Dr. Burt S. Newkirk, of the college of engineering, gave an illustrated lecture on Nebulae and the Nebular hypothesis, Saturday evening at Princeton, Minn., for the benefit of the boys' club.

The note in last week's Weekly concerning Dr. Burton's going to Chicago to attend the opening production of his play, was clipped from the daily papers. Like the report of Mark Twain's death, it was greatly exaggerated. Dr. Burton went to attend the opening evening and was away but one day.

Dr. Carl Schlenker and Dr. Anna A. Helmholtz-Phelan are to read papers before the meeting of the modern language association meeting in Chicago during the holidays. It is reported that Professors Beach, Frelin, Juergensen, Klaeber, and Andrist will also attend the same meeting.

Dr. J. E. Granrud, of the Latin department, lectured on Rome at St. Olaf College, Northfield, on Dec. 4, and on the "National Characteristics of the Romans" at Park Region Luther College, Fergus Falls, Dec. 11, and will lecture before the Minneapolis Architects' club, Dec. 16, and at the Lutheran Normal School, Sioux Falls, Dec. 21.

GILMAN'S ARTICLES ON THE UNIVERSITY.

Charles L. Gilman, '05, is writing a series of articles for the Sunday Pioneer Press each week, devoting each letter "To the folks at home" to a familiar talk about some particular phase of University life. The articles are very readable, and Mr. Gilman and the paper he is with are doing the University a real service in keeping up the series. The things brought up in these articles are of a nature that are seldom put before the general public and yet they are things that are of interest to all who are interested in the University. He attempts to reflect the true college atmosphere in what he writes and to give his readers a chance to test the real flavor of college life and activities. We

hope that he will keep up the series and not run out of material in the near future.

BASKET BALL SCHEDULE.

Minnesota's schedule is as follows:
 Jan. 22. Illinois at Minnesota.
 Jan. 30. Wisconsin at Minnesota.
 Feb. 6. Nebraska at Minnesota.
 Feb. 10. Minnesota at Illinois.
 Feb. 12. Minnesota at Chicago.
 Feb. 13. Minnesota at Northwestern.
 Feb. 17. Minnesota at Iowa.
 Feb. 26. Iowa at Minnesota.
 Feb. 27. Iowa at Minnesota.
 March 13. Chicago at Minnesota.

LOST BOTH DEBATES.

Minnesota teams lost both debates last Friday night, Iowa winning from the home team, who had the affirmative in the University chapel debate; Illinois winning while arguing the same side against the Minnesota team, which journeyed to Urbana to defend the negative of the question, Resolved: That American cities should adopt the commission form of government.

The decision of the debate held in chapel was by a vote of two to one. The Minnesota men put up an excellent debate, but Iowa had a shade the better of them, both in strength of team work and smoothness and convincingness of presentation. The Minnesota men were also behind their opponents in the little amenities of the occasion, and while their opponents stopped abruptly at the signal, the Minnesota men persisted in saying their say even after the gavel fell.

President Northrop presided and congratulated the men on both teams for the able way in which they had handled the question.

Max Lowenthal, in his opening speech, made one of the most lucid and logical statements ever put forward by a Minnesota debater. He said that the people want four things of their government: Service,—efficient, prompt, adequate and economical. The present form of government has been a complete failure in every one of these respects. The evils of the present form are inherent, and two, lack of responsibility and complexity of machinery. The present division of official power makes fixing of responsibility impossible.

Complexity breeds corruption also. He answered the argument comparing the city and national governments by saying that the functions of the two were essentially different, and were so regarded by the best authorities. The national is political, dealing with broad general principles, that of the city is pre-eminently administrative. The commission form fixes responsibility and gives efficient, prompt, adequate and economical service. Where it has been tried its success has been phenomenal.

John Sinclair, who was Minnesota's second speaker, argued for the commission form of government on account of its simplicity, responsibility and its record of past success. It has proved its efficiency in doing things promptly, adequately and economically. He compared the past and the present of cities which have adopted this form of government, showed saving in cost and betterment of service under the changed form of government. He told of how the Galveston city council acknowledged its inability to cope with the problem presented by the terrible calamity which visited the city in 1900 and then recited the history of the past eight years, in which the efficiency of the work had been increased many fold and the cost decreased one-third. Results are what the people want and results have proved the wisdom of this form.

Zenas Potter, who closed for Minnesota, argued mainly along the line that municipal government is mostly administrative, less than one per cent. being legislative in the real sense of the word. Efficiency is the great desideratum in administrative work. The fundamental weakness of the present system is its complexity and irresponsibility, there can be no strict division under it. Concentration of power gives the things that are wanted and which must be had to secure efficiency of administration. In answer to the argument that the commission form of government would destroy the last vestige of home rule and result in the complete usurpation of the legislative functions by the state legislature, he replied that the people **now** are obliged to go to the legislature for protection against irresponsible city councils. Further, administrative officers who know, first hand, the needs of the

municipality, are in better position to legislate wisely than an independent body without that knowledge.

In rebuttal the Minnesota men explained the reputed failures of the commission form of government where it has been tried and clinched their arguments with the emphatic "It has worked well wherever it has been tried." That the argument of a reviewing body is a failure for the reviewing body is notoriously the body which makes it impossible to fix responsibility and so the direct cause of corruption and inefficiency. If, as the negative argued, the present system was in need of reform and that reform is better than revolution, why is it that all the present evils have grown up under the present form and have not been able to be corrected in a hundred years of trial? Potter, who closed for Minnesota, summed up, the change is needed because the evils of the present system are inherent in the system, which our opponents have practically acknowledged. The evils have grown up under the system which they are defending. And, as a final clincher, he added, "The system which we advocate **works**, it has worked wherever it has been tried, the old system has been a complete and utter failure."

The Iowa men had their side of the debate well in hand. They freely acknowledged the evils of the present system and advocated reforms which should provide,

First, a division of authority with proper correlation of the same.

Second, that such division of functions is the basic principle of all stable forms of government as evidenced by history.

Third, that a fusion of functions, advocated by the affirmative was absolutely contrary to business principles and subvertive of democratic form of government.

Fourth, that it destroyed the possibility of local self-government.

Fifth, the tendency of the times is toward reforms, under old forms, which shall secure efficiency of administration and increased municipal home rule.

Sixth, the unbounded possibilities for evil, in large cities, afforded by the commission form of government with no reviewing body, and that the system had never been tried in a large city.

Seventh, that the affirmative were advocating a particular form of government which must be applied to all municipalities, regardless of varying conditions and needs. The form advocated by the negative could be adapted to varying conditions and could be made efficient.

Eighth, the commission form has shown certain inherent weaknesses which make it dangerous.

Then they cited various instances where the commission form had shown itself a partial failure, or, at best, a doubtful success.

Their first speaker, Mr. Stewart, was clear, cool, logical and convincing in his presentation of the case. Their second speaker, Mr. Starzinger, was their most convincing speaker and he closed the debate on the rebuttal. He was likewise clear, and self-possessed and one of the most persuasive speakers it has ever been our pleasure to listen to. Mr. Briggs, their third man, was an able advocate of the negative side of the question and helped to secure the verdict for his team.

The clearest and most effectively logical argument of the evening was that of Max Lowenthal. He is one of the most effective debaters Minnesota has produced. In his opening speech and in his rebuttal also he made his case convincingly clear and evidently knew the subject, as did no other man on either team. John Sinclair made an able and strong argument sticking to his text and driving his points home in a straightforward way. Zenas Potter earnestly and ably put forth his side of the case, and in his rebuttal all but clinched the case for Minnesota.

Had the Minnesota men added one more point to their excellently planned and ably argued debate, they would have won a clean-cut victory. If they had met the arguments of Iowa, that the commission form of government furnished no reviewing body or power for review, by advocating the Initiative, the Referendum and Recall, they would have given an unanswerable argument for the adoption of the form of government which they advocated. This was their one failure and it lost them the debate.

We want to congratulate the men on both teams. It was one of the best debates ever held at the University.



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The judges were Professor George E. Howard, Professor W. G. L. Taylor and Mr. Albert Watkins, all of Lincoln, Nebraska.

LAW OF '04 ANNUAL REUNION AND BANQUET.

On the evening of the night before the Wisconsin-Minnesota game, the law class of '04 held their annual reunion and banquet in the banquet room of the Kaiserhoff of this city. This class has held a banquet each year since its graduation.

A unique feature of this year's banquet was that there were no set speeches, each member responding to impromptu toasts and many humorous and interesting anecdotes were narrated. W. B. Carman, of Detroit, the president of the class, acted as toastmaster. "Barney" Maloney, of Waseca, entertained the class with his witty Irish stories and his vocal effort of "Harrigan, That's Me" was well received and deserves especial mention. George Dredge, although he has been married for over three weeks, gave a short and optimistic talk on "Is marriage a failure," and Irving A. Caswell recounted the decisions he had rendered since he became clerk of the supreme court. Clarence P. Deipenbrock, city attor-

ney of Red Wing, tried to explain why the Taft-Jacobson club of his city bolted the ticket and voted for Johnson, while Arthur Fowler, of Fargo, N. D., when asked to explain how he happened to be elected states' attorney, modestly replied that he was busily engaged à la Cincinnatus, sorting potatoes, when a committee waited upon him informing him that he had been chosen to save his country. P. J. Ryan, of St. Paul, although arriving late, took time to denounce, in his thundering voice, the machine methods employed by the prohibition party in the recent election to oust from office the present county attorney of Ramsey county.

About twenty guests attended, among those present being, Fred A. Alexander, Owatonna, W. B. Carman, Detroit, Irving A. Caswell, Anoka, Clarence F. Deipenbrock, Red Wing, A. G. Erickson, Springfield, Arthur W. Fowler, Fargo, N. D., George W. Frankberg, Fergus Falls, A. S. Maloney, Waseca, Wm. H. Oppenheimer and P. J. Ryan of St. Paul, George Dredge, E. R. Frisell, John F. Nichols, and J. W. Smith, of Minneapolis.

Next year's banquet will again be held the night before one of the big football games of the year.

ROCKNE WINS.

A. J. Rockne, Law '94, of Zumbrota, who has served through several sessions in the legislature, has received promises of support that assure him of the solid republican vote for speaker of the next house. He has opened offices in St. Paul and is devoting his time to the work preliminary to the organization of the new House. His victory was complete and left no hard feeling among his competitors.

CLEMENTS ON MUSHROOMS.

Dr. F. E. Clements lectured last Saturday evening, in the Public Library free lecture course, taking as his subject Mushrooms.

Earl J. Babcock, '89, dean of the school of mines of the University of North Dakota, visited the University last week. Dean Babcock is naturally enthusiastic over the prospects before his own institution and

what he has to say of conditions there indicates that his enthusiasm has a strong basis in fact. The University of North Dakota is an institution that is definitely directing its efforts to bring about that every department shall render definite and appreciable service to the state in its own line. Dean Babcock is in charge of the department of chemistry as well as being dean of the school of mines.

Professor Charles M. Andrist of the department of French, addressed the German pedagogical society of Minnesota, recently upon the subject, Instruction in modern languages. He is to read a paper before the state teachers' association meeting in St. Paul during the holidays, upon a related topic.

FIVE MILES IN 31:17.

The first cross-country run ever held at the University was held on the twenty-fourth of last month. M. D. Clark, '12, won first; John Connolly, Law '11, second by a few feet.

Dr. Grant is arousing interest among the students by his work with the track men and Minnesota is going to be among the leaders in the west hereafter.

PERSONAL ITEMS.

William E. Acomb, Eng. '02, is assistant superintendent of the American Nail and Wire plant at Donora, Pa.

A. N. Anderson, Law '01, was recently elected district attorney of Rusk county, Wis., after a very close fight both at the primaries and the general election.

J. Woodbridge Avery, formerly a student at the University, is making a trip around the world. He leaves San Francisco for Honolulu, then goes to Japan, India, Egypt, making a complete circuit of the world before returning to this city and will be away for several months, possibly a year.

A recent letter from Dr. George N. Bauer, '94, who is spending the year at Göttingen, Germany, prosecuting graduate work in mathematics, says that he is very much pleased with the conditions and work which he is able to follow. Dr. and Mrs.

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Bauer last summer travelled through France and Switzerland.

LeRoy F. Borrowman, Eng. '08, is draftsman for the Minneapolis Steel and Machinery Company.

Emma L. Brock, '08, is with the Handicraft Guild in this city.

Mrs. Achsa Burgess Snure, '02, formerly of Blanchard, N. D., is now living at Wayzata, Minn., where Mr. Snure is to take hold of the Wayzata State bank as cashier January 1st.

James A. Carley, Law '94, who was elected to the legislature on the democratic ticket from Wabasha county,

George D. Crossett, Med. '04, was elected coroner of Todd county at the last general election. Dr. Crossett lives at Staples.

J. W. Comstock, '08, is with the Government engineers on the construction of the dam at the Soldiers' Home, near Minnehaha.

Frederick L. Douglas, Eng. '90, was recently appointed superintendent of construction of the new public library of St. Louis, Mo. Mr. Douglas has been in charge of many prominent buildings including the National Park Bank building of New York

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has a contest on his hands. He won by the narrow margin of twelve votes.

Arthur B. Church, '91, Law '96, was recently elected county attorney of Todd county. His home is at Long Prairie, Minn.

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Winnie Fleming, '04, visited the University a few days ago. Miss Fleming is not teaching this year and is at her home in St. Paul.

George R. Folds, Law '97, has been made sales manager for the H. W. Johns-Manville company of New York City.

Pierce P. Furber, Eng. '08, is draftsman for the Minneapolis Steel and Machinery company of this city.

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Bradley Gibson, '05, has recently changed his Pittsburg address and is now living at 800 Penn avenue, Wilkinsburg station. Karl A. Simon, of the same class, is at the same address.

F. H. Green, Eng. '07, who has been at Cement, Calif., is now located at Ontario, Calif.

E. M. Grime, Eng. '00, has recently been transferred from Muskoda, Minn. to Billings, Mont., on work for the G. N. Ry. company.

Corinne Heffner, '07, is now living at Bridgewater, S. D.

A. P. Hustad, Eng. '08, is draftsman for C. A. P. Turner, consulting engineer in the Phoenix building of this city.

Nels I. Johnson, Law '98, recently defeated C. G. Dosland, Law '08, for the office of county attorney of Clay county.

Anna Knowlton, '06, is at her home at St. James this year.

William L. Krauch, Eng. '08, is bridge inspector for the G. N. Ry. company at Newport, Wash.

B. N. Lambert, '01, of the Johnson School of Oratory, is to read a paper before the State Teachers' association in St. Paul, during the holidays, upon

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Homer B. Latimer, '07, of Charles City, Ia., was in the city during the Thanksgiving holidays and visited the University.

A. A. McCree, Eng. '08, is with the Kettle River Quarries company of this city.

Dr. H. V. Magnusson, Med. '03, has recently moved from Clinton, Minn., to this city and is located at 2713 14th avenue south.

Catherine Millar, '06, is teaching in the West high school this year.

Clarence W. Mowery, Eng. '08, is draftsman for the Minneapolis Steel and Machinery company of this city.

Dr. O. C. Nelson, Dent. '01, has recently passed the state board of Washington, being one of 25 out of 44 applicants to receive his certificate. He will continue the practice of dentistry at Newport.

Rev. Olaf M. Norlie, Ph. D. '08, is preaching at Atwater, Minn.

Day I. Okes, Eng. '08, is with the Kettle River Quarries company of this city.

M. S. Olsen, Eng. '08, is with J. T. Fanning, consulting engineer of this city.

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Mary Organ, '06, is teaching in the Hancock school of St. Paul.

Nelle A. Olson, '02, is librarian and instructor in library science in the Mayville, N. D., normal school. She is enjoying her work at that place very much but misses the University crowd at her old home Moorhead.

John Quinn, Eng. '08, is in the government service in the Philippines.

Mark L. Page, Eng. '02, is now at the Young Hotel in San Francisco, Calif.

Cora A. Peterson, '08, is at Rutland, S. D. She is teaching in the eighth grade and German.

Oscar H. Reinholt, ex-Mines, is now living at 240 North Vernon, Pasadena, Calif.

William L. Ricks, '03, Law '05, expects to be in this city soon. He is practicing law at Louisville, Ky. He

is offering lectures on law topics thru the Y. M. C. A. of that city.

F. I. Rockwell, Agr. '06, now has his headquarters at the office of Wood Utilization, U. S. Forestry service, Missoula, Mont.

Ingvold A. Rosok, Eng. '03, of Bisbee, Arizona, was recently elected a member of the American Institute of Electrical Engineers.

Albert Running, '06, was recently elected register of deeds of Watonwan county.

Mary Shiely, '08, is doing substitute work in the St. Paul schools.

Paul L. Spooner, '06, was about the University recently. Mr. Spooner expects to be back at the University in the spring to complete a small amount of work remaining for his law degree. He is living at Morris and is connected with a law firm at that place.

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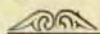
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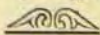
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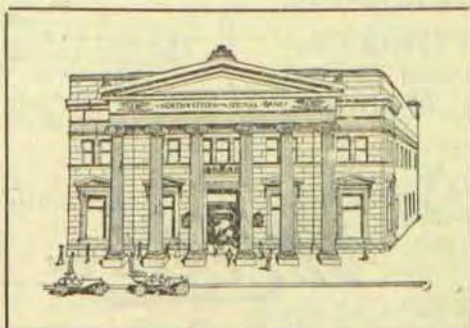
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VOL. VIII

December 21, 1908.

No. 15

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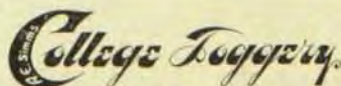
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Vol. VIII

No. 15

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To serve the University.

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E. B. JOHNSON, '88, Editor.
JACOB WILK, '07, Advertising Manager.
HARRY WILK, '12, Assistant Manager.

To each and every subscriber to the Weekly we send our heartiest good wishes for a Merry Christmas and a Happy New Year.

A SUBSTANTIAL CHRISTMAS PRESENT.

Last week Messrs. L. S. Donaldson, of the Glass Block store, W. H. Levings, of the Minneapolis Gas Light company, and C. G. Goodrich, of the Twin City Rapid Transit Co., each contributed \$100 toward the support of the work of the General Alumni Association. The Weekly, in behalf of the association, extends its thanks to these gentlemen for their generous and substantial aid.

TALK OF A SUCCESSOR.

President Northrop announced last week that he would comply with the request of the Board of Regents to the extent that he would not insist upon his resignation going into effect at the date specified in his letter

of resignation and that he would continue to serve until the Regents have ample time to select a successor and make sure of securing the right man.

Since the announcement of the resignation the daily papers have been busy proposing candidates for the place. About half of the members of the faculty have been mentioned and the man who has not been so mentioned feels it a mark of distinction. They have gone outside the faculty and have tried to make it appear that the Regents have been considering calling President Roosevelt and William J. Bryan. The whole effort to manufacture news, and it is all manufactured, is really funny.

In view of the statement of President Northrop, it is certain that the Board of Regents will take all the time they need to consider candidates for the position and will not make a selection until they are sure that they have found the right man. This is going to be no easy matter and it is likely to be sometime before they will make any definite announcement and in the meantime they are not likely to go out hunting with a brass band seeking the man. The Regents have one of the hardest tasks to face that any board ever faced, to find a worthy successor to President Northrop. That they may be successful is the earnest hope of every friend of the University, and no one more truly desires this than President Northrop himself.

TRIBUTES TO PRESIDENT NORTHROP.

The announcement of the resignation of President Northrop has naturally brought out a great flood of words of appreciation of his quarter century of service and testifying to his worth as a man. President Roosevelt, when his attention was called to the matter, spoke in the very highest terms of his regard for the President.

President Harry Pratt Judson, of the University of Chicago, said—

"The work of Cyrus Northrop has been of priceless value to Minnesota. He is a great citizen of the republic, and retires with the respect and the affection of all his colleagues."

President Hadley of Yale, said—

"Yale is proud of President Northrop's work in Minnesota, and congratulates him on the result of his quarter of a century."

President Angell, of the University of Michigan, said—

"Having been familiar with Dr. Northrop's career as United States official, editor, Yale professor and president of the University of Minnesota, I gladly bear witness to the marked ability which he has shown in every position he has held. Minnesota especially owes him a debt of gratitude for his services through a quarter of a century as president of her great university."

The Minneapolis Journal had an editorial, which voiced the sentiments of the people of the great northwest in regard to President Northrop, that was ideal in its tone and which paid him a most deserved tribute.

DUTCH TREAT LUNCHEON.

The third Dutch-treat luncheon was held at Donaldson's last Friday noon. There were eighty-five present and Dr. John H. Gray, of the department of political science, talked upon the subject of culture, how we lost it and how we may regain it. The talk was decidedly to the point and met the approval of most of those present. We shall give the paper in full in a later issue of the *Weekly* for it is well worth careful consideration of every loyal alumnus, whether he agrees altogether with Dr. Gray's position or not. Dr. Gray took a radical stand that the college of science, literature and the arts must adapt its courses to the needs of men proposing to enter the professions or go out of business for lack of men students.

The attendance at these noonday affairs is most gratifying. The first meeting saw fifty-five men out; the second, ninety-six and the third, eighty-five. Those present at these meetings have voted them a complete success and have decreed that one shall be held the third Friday of each month during the college year.

Some of the men who have interested themselves in this matter have hoped that it would result in the establishment of a University club in this city. Whether that shall be the outcome or not, and regardless of whether such an outcome is desirable, these meetings are meeting a real need of getting the alumni of this city together in an informal way and many men are finding out for the first time, that certain other men they have

known for years are University alumni.

The next meeting will be held January 15th.

DRAMATIC DOINGS.

The presentation of "A Good Natured Man" in chapel last Wednesday night was a complete success, and ranks among the best productions ever staged by a University dramatic club, Dr. Burton says that it is the "best." Professors Sanford, Peck and Potter were also enthusiastic in its praise.

The club was coached for the production of this play by Professor W. O. Clure, the new man in the department of rhetoric. In its report of this play the *Minnesota Daily* says—

To the individual members of the cast, too great commendation cannot be given for the excellent interpretation and rendition of the clever lines and the admirable handling of humorous situations.

The comedy parts in the hands of Frank M. Totton and Frank Bibb scored the hit of the play. Totton, as the supercilious egoist, "Mr. Lofly," elicited repeated applause from his audience, and Frank Bibb, already known as one of the most clever comedians in college, added another link to his chain of popularity in his part, that of the "hen-pecked" husband, "Mr. Croaker."

The work of George S. Wycoff and Hanford Cox in the difficult roles of the "Bailiff" and the "Bailiff's follower," was above reproach.

Irving M. Hudson in the title role of "Honeywood," the "Good Natured Man," displayed good histrionic ability, and with his pleasing personality, incorporated additional interest in the part.

Edward B. Cosgrove portrayed "Sir William Honeywood," uncle of the "Good Natured Man," in a distinctly pleasing style as did Thomas Crocker that of "Leontine," the ardent lover.

Jean McMillan in the leading role of "Miss Richland," made her debut before a University audience and by her finished acting, won a hearty reception.

"Olivia" the fiancée of Leontine was well presented by Neva Hudson and Miss Donna Lycan as the overbearing wife. "Mrs. Croaker," displayed a spontaneity of action which

made the minor part stand out in special prominence.

Sol Fligelman as "Jarvis"; Hanford Cox, in the double role of "Dubardieu" and the servant; and David West as the "Post-boy" carried the remaining male parts well. Maybelle Boyson and Clara Ryan deserve commendation as the "Landlady" and "Garnet."

The club has already decided upon another play, preparation for which will be begun at once. King Rene's Daughter, a short play by Hertz, the the great Danish dramatist, has been chosen and will be given in chapel February 19th. It is expected to give two more plays during the course of the year.

LELAND POWERS READS CHRISTMAS CAROL.

Last Thursday night, in the University chapel, Leland Powers, the great impersonator, delighted his audience with a reading of Dickens' ever interesting Christmas Carol. When Mr. Powers had finished the reading the impression left upon his audience was that they had been listening to a dozen different characters and it was only by an effort that they were able to realize that they had been listening to one man only. To give his audience full measure Mr. Powers read a scene from Bleak House, between Mr. Tulkinghorn and the French maid and as an encore Mother Mine by Kipling.

The Glee club made its first appearance the same evening and delighted the audience with several selections.

"MIKE" RYAN TO RESIGN.

The students' friend, "Mike" Ryan, will take off his star and lay down his club on the first of next January. Mike has been on the force for over thirty years and most of the time he has been in the University district. One of the first stories the writer ever heard of the University was one that was told of this old time guardian of the peace. It appears that some members of the faculty had reason to believe that the students intended a disturbance one evening in the seventies, and Mike was cautioned to run them in if they got too boisterous. The boys turned out and made life miserable for several professors for

several hours and the next morning, Dr. Folwell met Mike and said to him—"Mr. Ryan, didn't you hear the boys making a disturbance last night, why didn't you run some of them in?" The reply was—"Sure, I heard the byes, but its dom hard worruk for one mon to surround a dozen."

Mike retires on half pay for the rest of his life and every alumnus of the old days, especially will wish him a long and happy life.

ENGAGE ON PRACTICAL PROBLEMS.

The senior engineers, under the direction of Professors Constant and Cutler, are preparing plans, specifications and estimates, for the elimination of the railway and street car tracks that now pass through the campus.

The plan is to move the Northern Pacific tracks west of the University campus and to take the trains thru the Great Northern cut on the east to a bridge to be constructed carrying them across the Mississippi River. The street-car tracks on Washington Avenue would be removed and the cars could cross the present bridge of the Northern Pacific railroad. A subway would bring them thru the campus and a University station would be erected on the campus. The students, F. W. Sheffield, Fred A. Hubbard, William Ellsberg, H. A. Hubbard, and Frank Esser who are engaged in the work will present their plans in the form of a thesis to Prof. Cutler.

THE ILLINOIS DEBATE.

The Minnesota team that travelled to Urbana, Ill., to try conclusions with the team from the University of Illinois, were defeated by a unanimous vote of the judges, though it was generally conceded that the Minnesota team put up an excellent debate. Mr. Charles Carlson, a new man in debate, was pronounced by the judges as being the best man on either team. As the negative lost in every other case these men feel that they were in good company, though very much disappointed over the result.

Illinois based the advocacy of the commission form of government upon theory, almost wholly, and appealed

to authorities for support, laying little stress upon the practical working of the plan as seen in actual operation.

The Minnesota men put up an excellent team debate. They argued that the practical working of the commission form of government depended entirely upon the selection of better men and that this was by no means assured. That its past working had not been a conspicuous success and showed that even in Galveston, where it had worked most untrammelled by untoward influences, it had been more expensive than the old form of government.

They argued also for a legislative body to solve the problems of the city of today and as a reviewing body and told how the committee of the city council of Chicago had worked for seven months, six hours a day, to take evidence in regard to telephone rates. They argued that the handling of \$150,000,000 dollars by a commission, as would have to be done in New York City, without any co-ordinate body as a check, would prove disastrous. They showed the danger of political corruption and the building up of a political machine with tull power of all elections in the hands of a single commission. Both sides did excellent work and the Minnesota men are satisfied that they were treated royally and that the decision was a just one.

This team was made up of Charles Carlson, Norman Houck and John McKinnon.

NEW AGRICULTURAL BULLETINS.

The department of agriculture has recently issued two new bulletins, one number III, devoted to the subject of flour bleaching, by Harry Snyder and fills forty-three pages. Professor Snyder is an acknowledged authority upon this topic and his report will prove particularly useful just now when this subject is being so widely discussed.

The second is press bulletin number 33 and is devoted to some destructive shade tree pests. This is fully illustrated and fills thirty-two pages. This is issued by the division of entomology under the direction of Professor Washburn.

OLD TESTAMENT PROBLEMS.

Rev. Albert C. Knudson, '93, professor of Hebrew and Old Testament exegesis, of the Boston University school of theology, has recently published, through Jennings & Graham, a monograph, entitled as above, and devoted to a discussion of the real problem of the Old Testament, which is, as he put it, "Can these old books be so read and studied and taught as inevitably to commend themselves to the Christian heart and conscience and intelligence as the very truth of God?" The book is practically the address which Professor Knudson delivered at the time of his inauguration into the chair of Hebrew at the Boston University.

The study is scholarly and at the same time not technical and the layman will read it and profit by it as well as the theologian. It is marked by the most liberal, in a fair sense, thought and reverent attitude.

RUBY DANNEBAUM WRITES PLAY.

Ruby Dannebaum, ex-'03, is the latest of Minnesota's daughters to distinguish herself in the realm of the drama, having written a play "Friend or Country," which will be produced at the Lyric theatre shortly after the holidays.

Miss Dannebaum attended Minnesota in 1903, specializing in rhetoric and English under Professors Burton and Firkins. She was at that time connected with the Minneapolis Tribune in a reportorial capacity, but soon after graduating branched out as a magazine writer. Her contributions have appeared in such publications as the World To-Day, the Housekeeper and others. This is her first attempt at writing a play, but inasmuch as she has always been a close student of the drama much is expected of it. The plot of the piece is not to be divulged.

The play will be presented under the personal direction of Oscar Oppe, stage director at the Lyric, in the very near future.

ELLEN TORELLE.

Ellen Torelle, '01, 1017 Fourteenth Avenue S.E., who has been doing independent biological research work at the University of Minnesota for some months past, has resigned her posi-

tion and will leave within the next few days for Naples, where she will take up independent research work at the Naples station for biological research.

Miss Torelle's appointment comes from the executive committee of the Naples Table association for promoting scientific research by women. This is the first time a Minnesotan has received the appointment.

The fact that only those who are graduate students and have distinguished themselves by independent research work are eligible to the appointment makes her appointment all the more notable.

Miss Torelle's work will be continued throughout January and February, and, if she desires, through March and April. She will sail early in January.

She was a fellow and scholar in biology at Bryn Mawr college. During the summer she held the Bryn Mawr table at Maurice biological station. The results of Miss Torelle's research work have been published in American and German scientific journals, and her appointment is largely based on these articles.

For two years Miss Torelle was dean of the Milwaukee Downer college, and resigned to continue her research work.

MC EWEN AT THE UNIVERSITY.

Last week, upon invitation of Professor Phelan, of the department of political science, Mr. W. E. McEwen lectured at the University upon "Some things in the philosophy of trades-unionism." The invitation was but another step in the effort to bring the University into closer relationship to the outside world and to give the students opportunity to learn at first hand the problems that the world is facing today and how they appear to the men who are actually facing these problems in their struggle to wrest from the world a living. Mr. McEwen's talk was direct and to the point and he spoke with authority for he is secretary of the Minnesota federation of labor and represents, as fully as anyone, the feelings of the men who are of the class called the "laboring class."

DR. SCHAPER TO MAKE REPORT.

Dr. William A. Schaper, of the department of political science of the University of Minnesota, has been selected to make a report of the result of his investigations regarding the teaching of the principles of the United States government and the problems confronting it, as found in the secondary schools of the country and 29 leading universities before the meeting of the American Political Science association, which will be held in Washington, D. C., beginning Dec. 28.

The Association will be called to order in Washington, D. C., by Ambassador James Bryce of Great Britain, its president. The presence of Mr. Bryce, who is the leading authority on American government and author of "The American Commonwealth," adds unusual interest to this year's sessions. He will deliver an address and receive the members in his home on the opening day.

PROFESSOR CLEMENTS TRAVELS AND TALKS.

Professor and Mrs. Clements left Tuesday evening for Washington, where Professor Clements gave a lecture Thursday evening before the Society of American Foresters, upon the subject, "Plant formations and forest types." A week will be spent in Washington in connection with forest investigations in the Rocky Mountains, after which they will go to Norfolk, Va., for a few days, and from there to Baltimore for the meeting of the American Association for the Advancement of Science. The botanists and zoologists will celebrate the semi-centennial of the appearance of Darwin's "Origin of Species" by a symposium dealing with the influence of Darwin's work. By invitation of the Botanical Society of America, Professor Clements will present a paper upon the subject, "The influence of Darwin's work upon plant geography and plant ecology."

TO ATTEND ECONOMIC ASSOCIATION MEETING.

The American Economic Association will hold its meetings in Atlantic City from December 28th to 31st. Minnesota will be prominently rep-

resented. Four members of the faculty are planning to leave immediately on the close of school. These are Professors Robinson, Rastall, Coulter and Dr. Gray.

Professor Robinson will be symposiarch and he will speak on agricultural education. Professor Rastall will read a paper on systems of accounting. Dr. Gray is chairman of the executive committee.

CORNELL COMES WEST FOR HELP.

Recently Dr. J. W. Jenks of Cornell "U" wrote Dr. W. A. Schaper, inquiring for a man prepared to fill the position of assistant in political science at Cornell. This position was offered to Rasmus S. Saby, '07, and after giving it careful consideration he decided to accept.

Mr. Saby reported for work, Dec. 16. Mr. Saby will have the opportunity of studying under Dr. Jenks who is one of the noted economists of this country.

Dr. Schaper, in speaking of Mr. Saby, says, "He is a promising scholar in political science who will do Minnesota credit in any eastern university."

Mr. Saby graduated as a Phi Beta Kappa student of the class of 1907. During the year of 1908 he took graduate work specializing in political science and philosophy, receiving his M. A. degree in June, 1908.

His thesis, "Early railway legislation in Minnesota," in which he traced the policy of this state in controlling of the railways, is regarded as a work of very high order. He was invited to read a paper embodying the results of his investigation, before the Minnesota Academy of Social Sciences. This paper was of such merit that the Commercial West offered to run it entire in two successive issues which are now appearing. The original thesis will appear in the Proceedings of the Academy.

Mr. Saby expressed a hope of returning and taking his Ph. D. degree at Minnesota.

Investigation shows that the development in political science here and in the west as a whole is very remarkable and that we are abreast with the best of eastern universities.

WASHINGTON, D. C., ALUMNI ELECT.

At a meeting of the local Minnesota University alumni association at The Journal headquarters December 15th, C. S. Scofield, '06, was elected president; Guy Harrington, '06, vice-president; E. Roepke, '06, secretary; C. E. Tuller, '02, treasurer, and H. H. Mowry, '05, member of executive committee. C. J. Brand, the retiring president, appointed a committee, consisting of Max West, W. C. Gerdson and Bert Russell, to draft a resolution relative to the retirement of President Northrop. The association is planning to have a dinner and other functions during the present season.

DECEASED.

John E. Shaw, Law, '00, died December 4th, in this city, from typhoid fever and peritonitis. Mr. Shaw in the few years he had been in practice had an enviable fame and his death removes one of the most promising of the younger lawyers of this city. He left a wife, formerly Ethel Bogan, of Washington, D. C.

The Weekly has just received word of the death of Dr. Ralph C. James, Med. '05, of Hibbing. Report says that death occurred early in the fall. Mrs. James was Phoebe Clune, Phm. '03.

Roy V. Lewis, Law '06, died November 8th at Wilmont, Minn. Death was due to consumption. He is survived by Mrs. Lewis, who is the daughter of Mr. and Mrs. James Montgomery, of Worthington.

Gurinne Halvorson, '03, died at Denver, Colo., of typhoid fever, last September. She had been sick from the last day of July. Since graduation Miss Halvorson had taught in the west, and shortly before her death she accepted a position to teach in Wyoming.

Gustavus A. Kuncke, Dent. '03, died December 15th, at Sandstone, Minn., where he was engaged in the practice of dentistry. The cause was typhoid fever.

PERSONAL ITEMS.

B. B. Weed, '02, of St. Paul, and Miss Chloe Helen Gardner, of Chicago, will be married December 29th in Chicago.

Cassius E. Gates, Law '08, takes up his work as a member of the firm of Young & Gates, at Mankato, on January 1st. Last week the Delta Phi Deltas gave a banquet in his honor. The senior member of the firm is Mr. Young, a member of the State Railroad and Warehouse Commission, who is an Iowa College man and has been located at Mankato for over twenty years. Mr. Gates has made his way through college taking two years of academic and three years of law, by working in the State grain inspector's department.

Della Walker, '07, is teaching at Warren this year.

Helen Simmerman, '08, is teaching at Mora this year.

Della Thompson, '08, is teaching in the high school at Elbow Lake.

H. C. Remele, Dent, '08, is practicing at Crookston, Minn.

Wilhelmina Neuman, '06, is living in this city at the present time and teaching in the city schools. Her address is 3417 Park avenue.

Jessie F. Lockman, '08, has recently changed her city address and is living at 3644 Blaisdell avenue.

W. W. Kennedy, Chem. '07, has been laid up with a bad sprain and will be at his old home in Rochester, Minn., for the next few weeks while recovering.

Mrs. Achsa Burgess Snure, '02, has a little boy born December 16th.

Gothfred Swanson, Law '07, is practicing law at Brainerd, Minn.

H. Manderfeld, Law '05, is assistant cashier of the State Bank of Mora.

Three of the Minnesota alumni living at Cambridge, Mass., dined together on Thanksgiving day. The bunch included Grant White, '07, and Lloyd Duxbury and Willis T. Newton, both '08. The boys expect to receive the Minnesota club at Cambridge and hold a few sangerfests this winter.

George C. Sikes, '02, formerly secretary of the municipal voters' league,

of Chicago, is a candidate for alderman of the windy city. Mr. Sikes has been identified with the forces of reform of the city of Chicago for years and his announcement of his candidacy means that he is out to secure an election. He has been wonderfully successful in his work and will be heard from in days to come.

P. G. Sturtevant, Eng. '08, has recently moved from Detroit, Minn., to this city and is now located at 1120 4th st. S. E.

George T. Walker, '05, who has been at Williston, N. D., has returned to this city and is now to be found at 315 Walnut street southeast.

C. S. Whiting, Law '89, a member of the first class in law, was recently appointed to the supreme bench of North Dakota to fill the unexpired vacancy caused by the death of Judge Fuller. Judge Whiting was judge of the ninth judicial district and his promotion meets with the approval of the lawyers of the state.

W. L. Woehler, Eng. '07, was recently elected to membership in the American Institute of Electrical Engineers.

Daisy Wright, '04, who is teaching in the St. Paul schools, visited the University a few days since. Miss Wright spent the summer with her brother, Roy V. Wright, '98, in New Jersey.

George W. Walker, Eng. '08, is bridge inspector for the G. N. Ry. company and is located at Newport, Wash.

Oscar F. (Peggy) Wodrich, Eng. '08, is city engineer of Austin, Minn.

Lyman L. Pierce, '92, has been in the city during the past week on business connected with the layman's missionary movement. He visited the University for a few hours.

The Weekly has just received from J. M. Bell, Pharm. '00, a report of the Marine-Hospital at Fort Stanton, N. M., where he is located in dispensary work. This hospital has been in existence for eight and one-half years and has admitted 1397 patients during that time, 791 have been cured or sufficiently improved so as to be able to resume their occupations. Less than 100 of the number cured were in the early or favorable for treatment stages of consumption.

Lane McGregor, Law '92, and W. H. Hoyt, Eng. '90, both of Duluth, were visitors at the University last Monday.

A recent copy of the Porto Rico Review tells of Frank P. Nantz, Law '92, and his work as head of the Porto Rico branch of the U. S. Internal revenue service at that place. The paper speaks in very complimentary terms of the way in which Mr. Nantz manages the office. The sale of internal revenue stamps at this place amounts to more than half a million a year, and the provision for securing stamps on the island has served as an impetus to trade in lines that must secure the stamp before exporting manufactured articles requiring the same.

Douglas Fleming, Eng. '08, and Miss Kate Sewency, of St. Paul, were married November 4th. Mr. and Mrs. Fleming are living at 346 Goodrich avenue, St. Paul.

H. C. Redman, who will be remembered as a famous sprinter of some years back, is now located at Moore, Mont., and is connected with the State Bank of Moore.

C. M. Odell, Law '01, is general agent for the N. W. National Life Insurance company of this city.

Several weeks ago the Weekly published a personal item about Erich J. Schrader, Min. '05, which was based upon the letter head which Mr. Schrader used in a communication to the Weekly. Mr. Schrader is still superintendent of the San Miguel Gold Mining company.

George R. Horton, '97, is with the Root Newspaper association of Chicago. He is editing one of its fifteen varieties of trade papers.

U. S. Grant, '88, has recently issued a pamphlet upon the Milbrig sheet of the lead and zinc district of northwestern Illinois. This is a reprint from the bulletin of the state geological survey of Illinois.

DIRECTORY CHANGES.

Most of the following changes are made possible by reports from postal authorities who were unable to deliver copies of the directory to the parties named at the addresses given in the directory. In gathering material for the directory, a return post card was sent to every alumnus at his or her

last known address. Not over half of the alumni took the trouble to fill out and return these cards. In case a card was returned because the person to whom it was addressed could not be found, every possible effort was made to locate such person by inquiring among class mates.

Some changes are due to changes since the reports for the directory were made.

A few of the changes indicated below are to correct blunders in printing.

Academic Alumni. 1886-1900.

Rev. and Mrs. E. R. McKinney, 855 Walker street, St. Paul.

Ulysses Sherman Grant, '88, professor of geology of Northwestern University, name omitted from the class of 1888.

Sumner W. Matteson, '88, 667 Marshall street, Milwaukee, Wis. Mr. Matteson is connected with the Milwaukee gas company.

Mrs. Maud Thompson Engle, '89, 210 E. 5th street, Duluth.

Charles W. Jackson, '90, Robbinsdale, Minn., formerly Chisago.

Mrs. Frances Montgomery Cross, 422 Ridgewood avenue.

Mrs. Evelyn Sammis Walker, '92, 501 Ridgewood avenue.

Martha M. Cooley, '93, North Yakima, Wash.

Dr. H. W. Allen, '95, and Med. '00, 903 29th avenue north.

Carl O. A. Olson, '95, Law '96, 324 33d avenue north.

Rev. James Steenson, 3501 Grand avenue.

Mrs. Mabel Tennant Adams, 412 Oxford street, Duluth.

Agnes Y. Woodward, '96, 1823 North Bryant avenue.

Eva G. Wheeler, '97, The Williston. Teaching in the South high school.

L. L. TenBroeck, '98, (Rush '07), is practicing medicine at Elysian, Minn.

Mrs. Sophia H. Martin Buzzell, given as Chatfield, has moved, address unknown.

Alice Nickerson, '99, Elk River and not Brainerd.

Mrs. Bessie Williams Gillette, Larchmont Manor, New York, N. Y.

Eliza Brown, '00, 3412 Garfield avenue.

Frank E. Force, '00, 705 South 9th street.

Mary Gerhard, '00, is Mrs. W. R. Wallace and not Rutledge as given in the directory.

Louis M. Osborn, ex-'00, is located at Virginia and not Morris, Minn.

1901-1905.

Elmer E. Carlson, '01, Lake City.

Dana H. Parshall, address unknown.

Paul V. Burrill, '02, 190 11th street, Milwaukee, Wis.

Mrs. Marguerite Huntley Schall, '02, 116 South 11th street.

Adolph A. Passer, '02, 1116 7th street Southeast.

Mrs. Helen Ozias Fairchild, 2516 South Colfax.

Chalmer L. Powell, '02, 125 Giddings avenue, Chicago.

G. W. C. Stein, '02, Innsbruck, Austria, studying medicine.

Mrs. Florence Van Evera Doud, 572 W. 187 street, New York City.

Caroline Bedford, '04, 128 Ashland boulevard, Chicago.

Mary Pettijohn should have added (Mrs. Mark L. Wildes) and her address is 3329 South Colfax avenue.

Mrs. Florence Tucker Thorp, '04, 151 W. Broadway, Westerly, R. I.

Alta M. Wayne, '04, 232 Iglehart street, St. Paul.

Anna Allyn, '05, teaching in Cleveland high school, St. Paul.

Caroline Austin, '05, has gone to the state of Washington, exact address unknown.

Grace Caldwell, '05, teaching in St. James.

Robert H. Campbell, '05, Burkeville, Va.

Elizabeth Cox, '05, 2623 South Grand avenue.

Bessie Healey, '05, 3115 2nd avenue south.

Ethel A. Wold, '05, teaching English in St. Cloud, Minn., high school.

Mary Organ, '06, 29 Fulton street, St. Paul.

1906-1908.

Roy H. Smith, '06, 2732 Nicollet avenue.

Mrs. Mabel Stocking Hunter, '06, Kentwood, La.

Vesta F. Williams, '06, teaching at Fairmont.

Mary C. Enright, '07, 260 Selby avenue, St. Paul.

Fannie Higgins, '07, Minneapolis not Biwabik.

Winnifred G. McLennan, '07, Tracy, Minn.



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Claude D. Randall, '07, 219 E. Winifred, St. Paul.

Clara E. Woodward, '97, St. James.

Florence Deal, '08, Truman, Minn.

Anna M. Johnson, has removed from Crookston, present address unknown.

Mabel Lyon, '08, is teaching in Waterloo, Ia., her address in 1015 Randolph street.

Hildegard L. E. Ott, '08, Berlin W. 57, Katzlerstr., 17 III.

Olive M. Runey, Hotel Wilson, Farmer City, Ill.

Engineering Alumni.

Horace T. Eddy, '95, 234 Ehrman avenue, Cincinnati, Ohio.

Charles H. Cross, '97, Libertyville, Ill.

Frank Zeleny, '98, should have his name printed in bold face type as he is a life member of the General Alumni Association.

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Charles C. Higgins, '00, is with the American Brake Shoe & Foundry company, of Chicago and his address is 1032 Warren avenue, Chicago.

Guy J. Houts, '01, is not at the address given, present address unknown.

E. A. Whitman, '00, should be 374 E. Winnifred street, St. Paul.

L. S. Billau, '05, 2619 St. Paul st., Baltimore, Md.

Charles A. Davis, '05, engineer for the Tribune, in this city.

Christopher Hoff, '06, 235 Arundel street, St. Paul.

Robert T. Hubbard, '06, 911 W Central, St. Paul.

W. A. Zimmer, '06, 13 Monroe Place, Brooklyn, N. Y.

Oliver L. Brown, Hotel Sterling, Easton, Pa.

Harry Hawley, '07, in Montana engaged in engineering work. Exact address unknown to Weekly.

J. H. Pearce, '07, Elkhorn, Mont.

Miners and Chemists.

S. Thayer Bass was drowned last summer and should have been starred.

F. J. Longworth, '05, Greenwood, B. C.

O. L. Bernhagen, '06, Waseca, Minn.

Law Alumni.

James Manahan, '89, Corn Exchange, Minneapolis.

Judge C. S. Whiting, to Huron, S. D.

C. E. Goodsell, '91, Lisbon, N. D. Leonard J. Mosness, '92, not at address given, present address unknown.

Norman Crocker, '93, 818 Main st., Wausau, Wis.

Frank M. Lamp, '93, Big Timber, Mont.

H. S. Langhlin, 2279 Cambridge st., Los Angeles, Calif.

Claus Forsell, '96, manager of the sundry department of Noyes Brothers & Cutler, St. Paul. Address is 645 Central Park Place.

Max Gartenlaub, '96, not at address given, present address unknown.

W. A. Poehler, '96, 3312 South James Avenue.

Bernhard Harris, '99, not at address given, present address unknown.

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J. H. Green, '00, register of deeds office, court house, City.

Ezra J. Smith, Brainerd, Minn.

C. R. Bates, '01, not at address given, present address unknown.

H. A. Hagaman, '01, Globe building, St. Paul.

Raymond Robertson, '03, 2615 Clinton avenue.

Maurice V. Evans, '05, 35 Eastman block.

Alexander Fosmark, '05, Warroad, Minn.

H. Leslie Wildey, '05, name omitted from list of law class of 1905.

Graduates in Medicine.

Fred A. Carrell, '90, Sebeka, Minn.

Charles A. VanSlyke, '91, 894 Iglehart street, St. Paul.

E. V. Appleby, '94, has gone to London, England.

S. S. Hesselgrave, '94, 1009 Lincoln avenue, St. Paul.

Henry A. Beaudoux, '95, Lowry building, St. Paul.

Adeline Keeney, Hom. '97, Silver Lake, Oregon.

Peder A. Hoff, '00, 235 Arundel st., St. Paul.

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J. C. Lewis, '06, removed from Hutchinson, address now unknown.

August Savela, '07, 410 Security Bank building, associated with Paul J. Thompson, '01.

W. H. Dempsey, '08, Portage, Wis.

W. W. Masee, '08, Fort Wayne, Detroit, Mich.

C. W. Wilkowske, Hom. '04, Chipewa Falls, Wis.

Harty B. Ballou, Hom. '05, Middletown, N. Y.

Ralph C. James, '05, died last fall and should have been starred.

James L. Rogers, '05, 223 E. Augusta street, Spokane, Wash.

Victor E. Verne, '06, present address unknown, moved from Biwabik.

Marritt Rand, Med. '07, Sauk Rapids.

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Joseph Clark, '00, 2846 S. Bryant.
Eugene W. Kaliher, '02, Little Falls.

Claude L. Cole, Alexandria, Minn.
L. J. Johnson, moved from Hutchin-
son, present address unknown.

W. R. Jung, '06, Parkers Prairie,
Minn.

G. A. Hagberg, '08, Masonic Tem-
ple, city.

Isaac S. Hull, '08, 574 Selby avenue,
St. Paul.

Pharmacy Alumni.

Frank X. Drechsler, '99, 91 South
Wabasha, St. Paul.

Phoebe Clune, '03, should have
(Mrs. Ralph C. James) added to her
name and the address should be Hib-
bing, Minn.

Lee Whittemore, '02, Grand Rap-
ids.

Advanced Degree Alumni.

John A. Sanford, Ph. D. '94, Box
82, Attleboro, Mass.

Peter McGovern, LL. M. '97, Spo-
kane, Wash.

Mrs. Elinor Williams Sisson, '98,
moved, present address unknown.

Dorothy P. Dale, M. A. '02, '98,
Decker st., Cleveland, Ohio.

J. P. Magnusson, M. A. '02, moved,
present address unknown.

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George J. Hibbard, LL. M. '03,
moved, present address unknown.

H. S. Alexander, LL. M. '05, 1596
Summit avenue, St. Paul.

Edward A. Waters, LL. M. '05,
lawyer, St. Paul, Edward not Edwin.

Officers and Others.

The name of Professor Francis P.
Leavenworth should be added to this
list.

McGOVERN FOR CAPTAIN.

Johnny McGovern will lead the
1909 Varsity squad. The little ban-
tam quarter was last Monday night
elected by the 1908 wearers of the
"M" to the captaincy of next year's
team.

The captain-elect comes from Ar-
lington, Minnesota and is twenty-two
years old and weighs 150 pounds. He
is president of the middle law class,
a member of Alpha Tau Omega and
Phi Delta Phi.

Capt. Orrin Safford resided at the
first banquet ever tendered to Twin
City high school football players by
the Athletic Board of Control. Four-
teen men and the coach from every
Twin City high school were seated
with the University team when sup-
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stars, and banquet served to renew many old friendships.

Each principal was present, as was President Northrop and the University coaches, Harris, Schuknecht and Case. Several alumni were also present. In all about 180 were seated around the festal board.

"Prexy" headed the list of speakers with one of his usual witty and 'to the point' speeches. One speaker from each high school responded to toasts, and one or two alumni made remarks.

This banquet marks a new epoch in University Athletic affairs. In former years, only the first and second teams have been seated at the annual banquet. By inviting the teams of Twin City high schools, it is hoped that an added interest will be taken in University athletics by these men, so that a larger per cent will matriculate each fall.

"M's" AWARDED.

Last Friday morning in chapel, President Northrop awarded the thirteen "M's" voted to members of this year's football squad. The fortunate men were: Capt. Safford, McGovern, Plankers, Rademacher, Young, Hubbard, Farnham, Rosenwald, Pettijohn, Ostrand, Johnston, Atkinson and Coughlan.

Safford, Young and Hubbard, who have played their last year of varsity football, were especially honored by having their "M's" awarded first.

Dr. E. V. Robinson, of the department of political science, has an article in the latest number of the Minnesota Magazine upon the economic history of Minnesota, being portions of a paper prepared by him for the meeting of the Minnesota Academy of Sciences.

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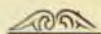
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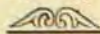
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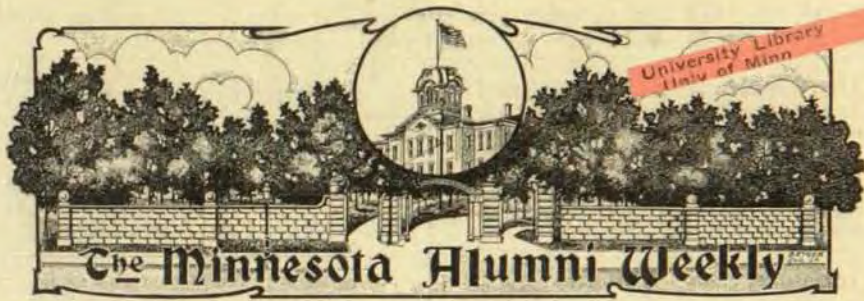


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VOL. VIII

January 11, 1908.

No. 16

**DR. TOMBO TO
TALK TO ALUMNI.**

Dr. Rudolph Tombo, who is to be in the city January 18th for the purpose of meeting and talking to the Columbia alumni, will speak to the Minnesota alumni at the next Dutch Treat luncheon which has been postponed from the regular date, the 15th, for the sake of securing Dr. Tombo. Dr. Tombo was formerly assistant professor of German of Columbia, afterward he became registrar and is now secretary of their alumni association. He is being sent all over the country by that University to arouse the interest of the Columbia alumni in that University. Columbia trustees, who are a self-perpetuating body, have recently agreed to allow the alumni to nominate six of the trustees hereafter and have agreed to abide by the nominations. Dr. Tombo is a brilliant speaker and has a way of arousing unbounded enthusiasm in his hearers. The alumni are fortunate in being able to have him for this occasion.

**MIDWINTER EDUCATIONAL
MEETINGS.**

Many Minnesota professors attended the meeting of the Modern Language Association of America, held in Chicago during the holidays. Dr. Anna Helmholtz Phelan of the rhetoric department read a paper on "The staging of the court drama up to 1595," based on the study of the Revels documents compiled by Feuillerat.

Professor Carl Schlenker of the German department led in a round table discussion of "The inefficient command of spoken German by students who have completed the elementary courses in high school and college classes;" while Professor Benton of the French department discussed these important questions: (a) What should be the maximum size of beginning classes in a foreign language? (b) How many hours of classroom work should be required of an instructor?

Professors Klaeber, Juergenson, Potter, Peck, and Beach also attended this meeting.

The Fourth Dutch Treat luncheon will be held at Donaldson's tea rooms, Monday, January 18th, at 12:30 o'clock sharp. Dr. Rudolph Tombo, Jr., Secretary of the Alumni Association of Columbia University will be present and will speak for a few minutes upon how the alumni of an eastern institution are making their influence felt for the good of the institution. Dr. Tombo is a very interesting speaker and will have a message worth hearing. Columbia alumni are invited to meet with the Minnesota alumni at this time. Remember the change of date and the hour and place. Record of attendance has been—1st, 55; 2nd, 96; 3d, 85.

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Vol. VIII

No. 16

Objects

**To Unite the Alumni
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Entered at the P. O., Minneapolis, Minn., as second class matter.

Subscription price, \$2 per year, for all who have been graduated more than three years. To those who have been graduated less than three years, \$1.25 per year. A discount of 25 cents is allowed for payment before October 15 of each year. Hereafter there will be four magazine numbers each year.

Loose money sent in payment of subscriptions is at the sender's risk.

Address all communications to the
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The University of Minnesota,
Minneapolis.

E. B. JOHNSON, '88, Editor.

HARRY WILK, '12, Advertising Manager.

COMING EVENTS.

January 15th, Lecture in chapel, "Acres of Diamonds" by Russell B. Conwell.

January 18th, 12:30 p. m., at Donaldson's tea rooms, Fourth Dutch Treat luncheon. Talk by Dr. Rudolph Tombo, Jr., secretary of the Alumni Association of Columbia University. Note change of date.

February 11th, Junior Ball.

February 19th, Dramatic club in University chapel, "King Rene's Daughter."

February 18th or 19th, Annual meeting of the Alumni.

OPPOSITION TO THE CARNEGIE PENSION.

Last Thursday, Senator Elwell introduced a joint resolution into the senate approving the acceptance of the conditions under which state universities may enjoy the benefits of

the Carnegie Foundation. The resolution met unexpected opposition and was referred to the proper committee to consider and report. The alumni should use their influence with their members of the legislature to secure the passage of this resolution. If the State cannot see its way clear to accept the terms of the Foundation, which are simply a formal application, then it should provide for the same sort of pensions itself. Being in line to receive the benefits of this foundation is considered worth \$1,000 a year to a professor forty years old and some value it at even a higher figure. If state universities are to hold their own with privately endowed institutions they must either come under the provisions of this Foundation or must make similar provisions themselves.

Senator Elwell has also introduced a bill which provides for an amendment to the campus extension bill which was passed two years ago, which provides for an extension of the time for levying the tax two years, thus providing an additional sum of \$175,000 a year for each of two years, or, \$350,000 in all additional for purchase of land for the campus. This will not provide quite enough for all that will be needed eventually, but it will provide for all that can be acquired probably in the next two years. The bill is in line with the feeling of those who have kept in touch with the question and this time the bill is not complicated with any other question of buildings and can be considered upon its own merits. It is to be hoped that the bill will pass in its present form.

REGENTS MEETING.

The adjourned December meeting of the Board of Regents was held at the University, December 29th. Every member of the board was present. A committee from the state pharmacy association was present and presented their request for a building for that college.

Professor Snyder was given the title of professor of soils and is to devote one-fourth of his time, hereafter, to the University and to receive proportionate salary.

John W. Olsen, state superintendent of public instruction and an ex-officio member of the Board of Regents, was

lected dean of the department of agriculture in the place of Dean Randall, resigned.

It was voted that Dr. Bridgeman, of Hamline University, give the graduates of the college of medicine who are to receive their degrees from Hamline, their diplomas at next commencement.

The Twin City Rapid Transit company presented a street car to the University for the use of the college of engineering for experimental purposes.

The age limit was raised from 65 to 68 years, Regent Lind asking to have his vote in the negative recorded.

Assistant Professors Peter Christianson and E. H. Comstock, of the school of mines, were made professors.

It was voted that hereafter, to be advanced to the rank of professor, a man must have the endorsement of the other professors in his college and the dean of his college and must submit a full statement of his scholastic accomplishments to show that such promotion has been earned.

It was voted to continue the school of embalming another year.

It was voted to meet the third Tuesday of each month during the session of the legislature.

Satisfactory arrangements were made with the St. Paul hospital authorities for the use of clinical material for the seniors of the college of medicine and surgery.

The executive committee was named to be the legislative committee.

President Northrop announced that in accordance with the request of the Board of Regents he had withdrawn his resignation and that he was willing to serve until the Regents had had time to secure the proper man as his successor.

Arnold J. Lien was elected scholar in political science, vice Rasmus Saby resigned.

OLSEN RESIGNS.

John W. Olsen, who was elected Dean of the department of agriculture, has placed his resignation in the hands of the Board to take effect on the 31st of next July, the close of the college year. Mr. Olsen states as his reason for this action that no one could succeed in such a position unless he had the unanimous backing of the whole board and that he understood that there was decided opposition to his appointment within the board and therefore he thought best to withdraw. The appointment of one of their own number, for the third time, by the Board of Regents, aroused a storm of protest from all over the state and Mr. Olsen's action will go far toward smoothing things over again.

The position is one of the most important about the University and it would have been most unfortunate for the University, the State, and the cause of agricultural education, to have had a man as dean concerning whose qualifications for the place there could be any question raised or whose appointment could suggest to the minds of anyone the question as to whether politics had not played an important part. The University never enjoyed to greater degree the confidence of the people of the State and the worst possible blow that could be given to shake such confidence would be an appointment that could by any possibility be construed as having any connection with the partisan politics of the State.

Fortunately, the opposition of the minority of the board, and the good sense of Mr. Olsen himself, has cleared the situation and the Regents now are free to go out and secure the best man who can be commanded for the salary that can be offered. We believe that their action will be such as to show that they deserve the full confidence of the people of the State.

INSTITUTIONS FUND INCOME.

The University has just received the first regular payment of income from the State Institutions fund. The check was for \$5,500, and covered but half of the amount apportioned to the University for the year ending July 31st, 1908.

APPLIED CHEMISTRY COURSE FIVE YEARS.

The faculty of the school of chemistry has recommended the extension of the course in applied chemistry to five years to conform with the other engineering courses of the University.

NEW PSYCHOLOGICAL CONFERENCE.

Dr. J. B. Miner and Professor L. W. Kline, independently of each other sent out a call to teachers of the state interested in the subject of psychology to meet at the State Educational Association meeting for the purpose of arranging for an annual conference. About twenty-five were present at this meeting, representing the high schools, normal schools and colleges of the state, and much enthusiasm was shown in the matter. A committee consisting of Professors Miner, Kline and Selvig was appointed to make arrangements for a conference April 9th, the date of the annual conference of state high school superintendents. The forenoon of that day will be devoted to a consideration of matters of general interest to school men in their relation to their profession and the afternoon to a discussion of more technical phases of psychology.

HOME FROM CHICAGO.

Dr. Alfred Owre, dean of the college of dentistry and Dr. F. H. Orton, a member of the dental faculty, went to Chicago at the beginning of the Christmas vacation and started to walk back to Minneapolis. Dr. Owre made the trip with an average of 26 miles a day. Dr. Orton was called back to the city by important business and was obliged to take a train home after having completed more than half the distance. Dr. Owre is an inveterate pedestrian and his trip was planned for a good time for vacation.

BASS FOR PURE WATER.

Professor F. H. Bass, of the engineering department, is much in demand for discussing and advising concerning pure water supply for the cities of Minnesota.

SEATTLE ALUMNI INTERESTS.

In a recent letter, Lewis Schwager, '05, Law '06, called particular attention to the great athletic meet that is to be held in Seattle next summer when the Alaska-Yukon-Pacific exposition is to be held in Seattle. The exposition is to be located on the University grounds and the buildings have been constructed with reference to their use by the University after

the close of the exposition. It is proposed to erect a concrete stadium where the athletic events, which are to be opened to college men everywhere, are to be held. The climate of Washington is such as to make such an event possible there and the location of the University campus between two large lakes gives the best of facilities for aquatic events.

Mr. Schwager calls particular attention to the number of University alumni living in Washington, that state being second only to North Dakota. In speaking of athletics, Mr. Schwager says that Gilmore Dobie, Law '04, turned out the best team ever turned out in the Pacific Northwest. The team won every game of the season and showed remarkable progress, winning the last games of the season against the strongest teams of the west by overwhelming scores. Dobie was up against Forbes, the famous captain of Yale's 1906 team who coached Oregon University team and against Norcross, the famous Michigan quarter of the famous Minnesota-Michigan game, who coached the Oregon Agricultural college team. The final game of the season was played against Oregon Agricultural college on Thanksgiving day and Dobie's team won by a score of 32 to 0 in the most wonderful game ever seen in the west when the new football was used to completely obliterate the opposing team. Dobie has been re-elected at a greatly increased salary.

NORTHERN CALIFORNIA ALUMNI MEETING.

The meeting of the alumni living in northern California was held November 21st. There were thirty-one members present including Mr. and Mrs. E. L. Higgins, of Hayward, Wis., who chanced to be visiting in San Francisco at that time. Considerable time was spent discussing the development of the University and resolutions were adopted on the death of Guy H. Roberts, '90. Dr. Roberts had been acting dean of the department in the absence of its head and had endeared himself to the students of the institution in a way few men are able to do. The resolutions follow:—

"WHEREAS, death has taken from us Professor Guy Hall Roberts, an honored alumnus of our Alma Mater and an esteemed member of the fac-

ulty of the University of California, be it therefore,

RESOLVED, that we, the members of the Alumni Association of the University of Minnesota for Northern California, hereby memorialize our fellow alumnus and give expression to our appreciation of his unusual ability, his scholarly attainments, his researches in history and the political sciences and his great human interest in those with whom he came in contact as a teacher and as a fellow man; Be it further

RESOLVED, that we hereby express our sympathy with those that were nearest to him and that a copy of these resolutions be presented to Mrs. Roberts and that they be sent to the Alumni Weekly for publication."

ALBERT SCHNEIDER.
GEO. T. PLOWMAN.
STURLA EINARSON.

NEW BOOK BY PAQUIN.

Samuel S. Paquin, '94, has recently issued, through Moffat, Yard & Company a book entitled "Garden Fairies." The book sets forth many facts of plant life in a fanciful story of prose and rhyme. The book is the first of a series planned by Mr. Paquin, in which he aims to set forth accurately scientific facts in the various fields of nature study, though framing the same in form to please children and in form comprehensive to them.

DEATH OF MAX WEST, '90.

In the death of Max West, '90, which occurred last Thursday morning at his home in Washington, D. C., the country has lost one of its most brilliant and hard-working students and writers of economic topics. Dr. West was born at St. Cloud, Minn., in 1870 and was the brother of Professor W. M. West, of the University department in history. In college he was a leader in student enterprises and began the lines of work which have since engaged his attention, to which he has contributed so much in the course of his short life.

After graduation from the University he engaged in newspaper work for several years, working on papers in Minneapolis and Chicago. He took his doctor's degree at Columbia doing some remarkably able work in the line of taxation investigations. A year

later he was honorary fellow of the University of Chicago. During that year, 1893-94, he was in Chicago and on the staff of the Herald at the time of the great railroad strike. The following year he was editorial writer on the Record. For three years he was a lecturer at Columbia University. From 1896 to 1900 he was in the bureau of statistics of the department of agriculture and an expert agent for the industrial commission.

He always took a great interest in public affairs and devoted much time to matters of public betterment. For years he was secretary of the civic society of Washington; secretary of the conference of comparative legislation; and the tenement house department of New York City. In 1903 and 1904 he was chief of the bureau of internal revenue of Porto Rico and had much to do with the establishment of the system of taxation of that island. Since that date he has been special examiner of the bureau of corporations of the department of commerce and labor.

Dr. West's book upon the inheritance tax, which was first published as his thesis for his doctor's degree, and recently brought up to date, is regarded as the great authority on the inheritance tax. Dr. West has done much writing along his chosen line and together with Mrs. West done some work in more popular lines. He had in preparation, at the time of his death, another book upon the principles of taxation.

Dr. West is survived by his wife and five children. Mrs. West was Mary Mills, a classmate of Dr. West, their five children range in age from one to fourteen years.

In behalf of the alumni who knew and loved and honored Dr. West, the Weekly extends to his bereaved family sincere sympathy.

CHARLES E. BOND DEAD.

Charles E. Bond, Law '90, died at St. Barnabas hospital in this city, December 20th, following an operation. Captain Bond was forty-three years old and a member of the second law class to graduate from the University. He was captain of Company I of the Minnesota volunteer infantry of the Spanish-American war. He was prominent in politics always taking an active interest in the same. He man-

aged the recent campaign for Charles Huhn, the republican candidate for mayor. He is survived by Mrs. Bond, who graduated from the law department in 1901.

On behalf of the alumni the Weekly extends to Mrs. Bond sincere sympathy.

WEDDINGS AND ENGAGEMENTS.

A. Adel Thompson and W. A. Peck, both of the class in agriculture of 1906, were married October 14th at Cottage Grove, Minn. Mr. and Mrs. Peck will make their home in Washington, D. C., where Mr. Peck is engaged in the U. S. Department of Agriculture.

At the home of the bride's parents in Hillsdale, Mich., on the evening of Dec. 26, 1908, Clarence B. Randall, Law '05, and Mary Adelaide Proctor were united in marriage.

The groom is the son of Dean and Mrs. Eugene D. Randall, of the College of Agriculture. The bride is the daughter of Mr. and Mrs. Frank K. Proctor of Hillsdale, Mich., and a niece of Professor and Mrs. A. E. Haynes of the University. She graduated from Hillsdale College, Mich., in 1906.

Mr. and Mrs. Randall will reside in Morris, Minn., where Mr. Randall is engaged in the practice of law and where Mrs. Randall was a successful teacher of music and drawing in the public schools for two years.

The engagement of Elsie Foulke, '04, and Claud Haney, '03, has been announced.

The engagement of Lois Tennant, '05, and E. M. Pennock, Chem. '05, has been announced.

Charles W. Jackson, '90, and Catherine H. Williams were married December 25th, at Campbell's Point, Wis. Mr. and Mrs. Jackson will make their home at Brooklyn Center, where Mr. Jackson has engaged in business.

Dr. Victor E. Verne, Med. '06, and Charlotte Granell, of this city, were married New Year's eve at the home of the bride's mother in this city. Dr. and Mrs. Verne will be at home to

friends after January 20th at Parker's Prairie where the doctor has already established himself for the practice of medicine.

Dr. W. F. Nye announces the engagement of his daughter, Irma, to Webster E. Tallant, ex-'08. The wedding will take place in February.

Dr. W. R. Jung, Dent. '00, of Parker's Prairie, and Bertha Fabian of Fergus Falls, were married recently.

WHERE ARE THEY?

The following named alumni have moved from the addresses given in the last directory. Any information concerning their present whereabouts will be welcomed by the Weekly.

W. C. Adams, Eng. '05.
 Harvey L. Burns, Eng. '02.
 James L. Cahill, Pharm. '96.
 Zina R. Cheney, Law '93.
 Eugene D. Clough, Law '04.
 Alfred B. Davis, Law '94.
 E. A. Eklund, Law '00.
 Harry Felberbaum, Law '04.
 Zeeb P. Gilman, Law '96.
 Harry G. Hawley, Eng. '07.
 Oswald M. Justice, Med. '97.
 Alice L. Kercher, Law '04.
 Wayne H. May, Hom. '07.
 R. B. Nutting, Law '90.
 Grosvenor P. O'Neal, Law.
 Harry M. Pollock, Hom. '97.
 Chas. F. Remer, '08.
 Frank F. Riley, Dent. '00.
 Ira C. Roadman, Med. '98.
 A. W. Schoepf, Eng. '08.
 Minnie E. Stone, '95.
 J. A. Walgren, Law '91.
 Arthur Wickwire, Law '93.
 Edward Stephens Wright, Law '98.

MORE DIRECTORY CORRECTIONS AND CHANGES.

T. A. Beyer, Eng. '03, 324 Dooley block, Salt Lake City, Utah. Mr. Beyer has charge of the Minneapolis Steel and Machinery Company's interests at that place.

Rev. E. W. Couper, '99, 1236 Summit avenue, Springfield, Mo.

Benj. J. Ellis, Med. '00, Latah, Washington.

W. W. Greenwood, Eng. '90, 2529 Gleason avenue, Los Angeles, Calif.

Dr. H. A. Hartung, Hom. '00, Le Sueur, Minn.

Edna C. Houck, '04, should be Mrs. J. H. Santee, Manitowoc, Wis. No-

tice of the wedding was published in the *Weekly* a year ago but correction for directory was overlooked.

W. P. Jewett, Law '95, died August 1905.

Noah Johnson, Eng. '94, Omaha, Neb.

H. T. Livermore, Law '02, Fairda, Mont.

James McIntyre, '99, Law '01, has moved from Blaine, Wash., present address Wecota, S. D.

E. P. Sheldon, '94, Commercial Club building, Portland, Ore.

Mrs. E. B. Smith, Mildred Mitchell, '96, 313 Hillcrest Road, Hollywood station, Los Angeles, Calif.

Eldred P. Vallency, deceased.

C. C. Woodmansee, Eng. '86, was drowned off the coast of California a number of years ago.

ELECTRICAL ENGINEERING ALUMNI.

R. B. Taplin, '04, is at 1222 Mary Place, Minneapolis, having severed his relations with the Westinghouse company.

R. J. S. Carter, '08, presents his card as "Sales engineer, Allis-Chalmers company, Corn Exchange, Minneapolis."

F. K. Cannon, ex-'05, is a sales engineer for the Stromberg-Carlson Telephone company.

Jay Houghtaling, ex-'05, has charge of the telephone department of the Minneapolis branch of the Western Electric company.

Henry Hovelson, '08, is with W. I. Gray & Co., electrical contractors, 704 South Fifth street, Minneapolis.

W. L. Woehler, '07, having recovered from a recent attack of typhoid fever, is connected with the Northwestern Electric Equipment company, 185 E. Fourth Street, St. Paul.

James C. Dow, '00, is doing special work in connection with the 20,000 horsepower steam plant and sub-station of the Helena Power Transmission company in Butte, Mont.

Joseph A. Thaler, '00, professor of electrical engineering, Montana Agricultural College, Bozeman, Mont., was recently transferred to full member of the American Institute of electrical engineers.

Among the Minnesota engineers who have joined the American Institute of electrical engineers during the past year are:

Professor Benj. F. Groat, '01, school of mines.

Raymond J. Andrus, 1907, Washington Water Power Co., Spokane.

Herbert D. Alton, 1907, electrical contractor, Spirit Lake, Idaho.

Lewis S. Billau, 2619 St. Paul St., Baltimore, Md.

John H. Pearce, Montana Metallurgical Co., Elkhorn, Mont.

John J. Rezap, 1907, Light and Power Co., Joseph, Oregon.

Irving R. Ely, 1905, N. Y. C. & H. R. R. 27 W. 129th St., New York City.

Roy R. Ireland, 1903, Western Electric Co., Hawthorne, Chicago.

William B. Newhall, 1900, University.

Edwin L. French, 1902, Union Carbide Co., Saulte Ste. Marie, Mich.

Robert Morris, 1905, Room 2, Grand Central Annex, New York City.

Karl A. Simmon, 1905, 800 Penn Ave., Wilkinsburg, Pittsburg, Pa.

Roy E. Thompson, 1900, S. D. Cons. Gas & Electric Co., San Diego, Cal.

Ingwald A. Rosok, 1903, Bisbee Improvement Co., Bisbee, Arizona.

William L. Woehler, 1907, N. W. Electric Equipment Co., St. Paul.

Fred K. Cannon, ex-'05, Stromberg-Carlson Telephone Mfg. Co., Chicago.

Ralph W. Kerns, 1907, Missouri River Power Co., Anaconda, Mont.

PERSONALS.

Stephen C. M. Appleby, Law '00, is in the Pacific National Bank, of Tacoma, Wash.

P. G. Arzt, Med. '05, is located at Jamestown, N. D., in partnership with Drs. Rankin and Gerrish.

Lewis E. Ashbaugh, Eng. '00, is office engineer of the Central Colorado Power company. He has recently changed his address to 1266 Race St., Denver, Colo.

W. N. Beal, '06, is at Centralia, Washington, not Carbondale as stated in the directory. Mr. Beal is practicing law and handles real estate, rentals and insurance.

A. Benton, Law '05, is with Marwick, Mitchell & Company, of New York City. The name given in the directory is incorrect.

Howard I. Cliff, '08, is living at Ortonville, Minn.

Mrs. Fanny L. Clinton, '00, has recently changed her Brooklyn, N. Y.,

city address and is now living at 74 Macon street.

Ella D. Crouse, '05, has changed her address from Bird Island to 3840 Richfield avenue south, city.

S. B. Detwiler, Ag. '07, is living at Wabasha and not Red Wing as stated in an issue of the *Weekly* early last fall.

Herbert R. Dewart, '07, is living at 332 West 58th street, New York City. He is teaching history in the Stuyvesant Manual Training high school.

John W. Dye, '04, has received notice to report for duty at the Consulate General in Genoa, Italy, where he is to be deputy Consul-General.

W. A. Gerrish, Med. '06, is practicing at Jamestown, N. D., in partnership with Drs. Rankin and Arzt.

Jeremiah Giantvalley, Law '08, is living in St. Paul and not Seattle, Washington, as stated in the directory.

A. R. Gibbons, '04, has recently changed his Chicago address and is now living at 5003 Washington avenue. He is with Marshall Field company.

H. C. Hamilton, Chem. '07, is secretary of the Detroit (Mich.) Society of Chemists.

E. T. Hamlin, '08, who has been located in Philadelphia has returned to this city and is now living at 214 East 16th street.

Henry Holden, Min. '03, has removed from Bisbee to Warren, Arizona.

Dr. P. F. Kearney, Med. '04, has a pitcher and catcher whom he expects to send to the University later to represent the U. of M. on the base ball field. Both are to be medics also.

Arthur W. Kraft, '05, is with the Brown County Banking company, of Groton, S. D.

Earl D. Luce, Law '07, of football fame, commanded company B which made such an excellent impression at the Lyric company's performance on January 4th and 5th.

Herman V. Magnusson, Med. '03, who recently moved to this city to open an office has recently changed his address and is now at 1526 East Lake street.

W. W. Masee, '01, is head master of the Blake Country school and not County school as stated in the di-

rectory. The school is located at Bronxville, N. Y., adjoining Lawrence Park.

George D. Montfort, Law '08, is located at Blaine, Washington and not Oregon as stated in the directory.

Henry A. Monroe, Law '09, is with the department of commerce and labor at Seattle, Wash. His address is 714 First avenue north.

W. K. Naylor, Law '08, is captain of the 9th infantry and is located at Fort Sam Houston, Texas.

Day I. Okes, Eng. '08, who is with the Kettle River Quarries company, is located at St. Louis, Mo. His office is in the Pierce building.

Edwin H. Pagenhart, ex-Eng. '05, wants to be identified with the alumni and has sent in his life membership fee from the Philippines where he is engaged in work for the United States Coast Survey. He is with the S. S. Romblon which spent a successful and pleasant season on the east coast of Luzon, making a general survey, including triangulation, topography, hydrography and magnetic data necessary for the proper charting of the waters of the coast. The ship is now on the southwest coast of Leyte where the engineers are to work during the prevailing northeast monsoon. Mr. Pagenhart's address is care of Coast Survey, Manila, P. I.

Samuel S. Paquin, '04, formerly of the Chicago-American, of Chicago, is now editor of the magazine pages of the New York Evening Journal. See notice of some outside literary work which he is doing, mentioned in another column of this issue of the *Weekly*. His address is 420 West 148th Street, New York City.

Fred W. Payne, '06, is with the C. A. Smith Lumber and Manufacturing company of Marshfield, Oregon. He is learning the lumber business in the west.

C. C. Rollitt, '07, rector of Christ church, Red Wing, Minn., has resigned his charge to become secretary of the Sixth missionary department of his church. Mr. Rollitt will have his headquarters in Minneapolis and will take up his new work early in February. His new field covers Colorado, Iowa, Montana and other western states.

Roscoe F. Sanford, '05, will sail for South America to begin work on the

plating of the stars of the southern hemisphere, January 20th. His address will be Southern Observatory, Carnegie Inst., San Luis, Argentina, Sc. Amer.

Theo. F. Schroedel, instructor in German at the University last year, is now at the American school at Jerusalem. He holds a fellowship from the University of Chicago and is engaged in excavating ruins in the interests of archaeology.

G. R. Sluck, Eng. '06, is at Rushmore, Minn.

R. W. West, ex-Eng., has recently come to this city and is living at 1320 Harmon Place.

Mabel Wheeler, '06, is teaching mathematics in the Park Rapids high school. Last year and the year before she taught at Worthington.

C. W. Wilkowske, Hom. '04, spent the summer abroad pursuing courses at the General hospital in Vienna, on the eye, ear, nose and throat. He is now associated with Drs. C. J. Wallace and S. E. Williams, of Chippewa Falls, Wis.

Charles Williams, last year instructor in German at the University, is pursuing graduate work at the University of Heidelberg, Germany. He is to receive his Ph. D. the coming spring.

Among the alumni seen about the University campus during the holidays were Jennie I. Hiscock, '05, Emily Johnston, '04, Paul S. Smith, '01, Eng. '03, Edith M. Patch, '01, J. A. Burger, '01, Mrs. Frank O'Hara, (Linda Maley, '01), Fred M. Mann, '02, R. S. Merriam, Min. '05.

Louise Leavenworth, '08, underwent an operation for appendicitis New Year's Day. She is getting along nicely and expects to be able to take up her school work again within a month.

Misses Margaret, ('05) and Harriet, ('06) VanBergen are now living in this city at 1221 5th street southeast.

Helliwell, Keyes & Carroll, suite 735 Palace building, so read the new cards just issued by the above named firm. Messrs. Helliwell & Keyes have been practicing law in the New York Life building for more than ten years. In opening up new offices in a new building they have associated themselves with Walter N. Carroll, Law '95, and now have a beautiful suite of

rooms in a new building. Mr. Helliwell was a member of the class of 1895, Law '96, and Mr. Keyes was '96, Law '99.

Professor Charles M. Andrist, '94, read a paper before the high school section of the recent state teachers' association meeting upon the cultural value of language study. In this paper Mr. Andrist took the ground that the extreme utilitarianism of the day was a thing to be combatted and that language should be studied not for its commercial value but because of its cultural value. The paper was pronounced to be one of the real messages brought to the teachers at their meeting.

J. B. McIntosh, Min. '98, is now located at Toole, Utah, as engineer in charge of construction for the International Smelting and Refining company at that place. He has been in his new position since December 1st, prior to that time he was located at Great Falls, Mont.

Leon H. Boyd, Law '05, formerly of New York City is now located in Detroit, Mich., Room 60, Whitney building.

H. P. Baily, '90, Law '93, is living in this city at 2741 Nicollet avenue. The address was not given in the directory.

H. F. Blomquist, '07, city engineer at New Ulm, was in the city recently.

R. N. Ostvig, C. E., of the class of '05, is employed this winter in a topographical survey of the Minnesota River. This is a state undertaking.

John Wilson, M. S. '08, has recently completed repairs on the waterworks plant at Mankato made necessary by the recent typhoid epidemic there.

O. F. Wodrich (Peggy), Civil '08, who during the past summer has had charge of street improvements and sewer installations at Austin, Minnesota, has entered the employ of a construction firm which has the contract for the new 20-million dollar Northwestern terminal station at Chicago.

Nathan B. Blackburn, '06, is a member of the firm of Blackburn Brothers who are running a merchandise brokerage business in Tulsa, Oklahoma.

Mabel Thomas, '05, is not teaching this year and is living at her home in Mankato, Minn.

Mary Mahaffy, '05, who last year taught at Canby, Minn., is now teaching at Faulkton, S. D.

Anthony J. Praxel, Law '04, is practicing law at Lambertton and is a law partner of Senator Frank Clague.

Frank E. Merrihew, Law '93, is now living at 655 avenue E, Bayonne, N. J.

Letitia VanSlyke, Ag. '05, is teaching domestic science at McIntosh, Minn.

P. F. Countryman, Eng. '07, is now to be addressed at 443 South avenue, Wilkinsburg, Pa.

Hans Bugge, Law '93, is still practicing law at Bellingham, Wash., and writing short stories for various magazines. Mr. Bugge has had stories in the Pacific Monthly, Young's Magazine, Blue Book, Gray Goose, Bohemian.

George G. Ainslee, Ag. '07, has accepted a position as assistant professor of entomology in Clemson College, S. C., and will remain at that place where he has been doing special work for the U. S. department of agriculture.

Usher L. Burdick, '03, football star of a few years back, has just been elected speaker of the North Dakota house of representatives. He is one of the youngest members of the house but his qualifications for the position won him the election over older and more experienced men.

REGISTRATION STATISTICS.

The Weekly is indebted to Dr. Rudolph Tombo, of Columbia University for some very interesting statistics of registration. With the summer schools included, the ranking is as follows:

	1908.	1907.
1. Columbia	5,675	5,197
2. Harvard	5,342	5,346
3. Michigan	5,188	4,053
4. Chicago	5,114	4,594
5. Cornell	4,700	4,293
6. Minnesota	4,687	4,207
7. Pennsylvania	4,555	4,131
8. Illinois	4,400	4,172
9. New York Univ.	3,951	3,648
10. Wisconsin	3,876	3,401
11. California	3,751	3,346
12. Yale	3,466	3,435
13. Syracuse	3,204	3,162
14. Nebraska	3,154	2,812
15. Northwestern	3,113	2,714



J. D. ENGLE

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16. Ohio	2,700	2,344
17. Missouri	2,558	2,274
18. Iowa	2,356	2,188
19. Indiana	2,113	1,667
20. Kansas	2,086	1,932
21. Stanford	1,541	1,594
22. Princeton	1,314	1,311
23. Western Reserve	1,016	914
24. Virginia	757	757
25. Johns Hopkins	698	651

With the summer enrollment omitted the ranking is changed decidedly and Minnesota ranks third. Five of the first ten institutions are state universities, not including Cornell which is sometimes classed among the state universities.

	1908.	1907.
1. Michigan	4,637	4,489
2. Columbia	4,540	4,141
3. Minnesota	4,355	3,957
4. Harvard	4,336	4,373
5. Cornell	4,246	3,878
6. Pennsylvania	4,223	3,806
7. Illinois	4,052	3,805

URGENT DEMAND FOR TEACHERS

Direct calls from school officials for positions are already coming in.

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8. New York Univ...	3,457	3,233	ress of expression," Professor Maria
9. Yale	3,448	3,299	Sanford; "The organization of work
10. Wisconsin	3,237	3,128	in modern European history in the
11. California	3,199	2,978	high school," Professor Anderson;
12. Syracuse	3,084	3,043	"Should American government be
13. Northwestern	2,992	2,624	taught as a subject distinct from
14. Nebraska	2,921	2,651	American history in the high schools?"
15. Chicago	2,663	2,421	Professor Schaper, "The demand for
16. Ohio	2,442	2,125	an industrial education;" Professor
17. Missouri	2,220	1,955	Haynes, "Recent advances in chemis-
18. Iowa	2,122	1,964	try." Professor Andrist, Madame
19. Kansas	1,866	1,758	Bertin, Professors Frelin, and Melon
20. Stanford	1,532	1,583	took part in the French and Profes-
21. Indiana	1,367	1,175	sor Schlenker in the German discus-
22. Princeton	1,314	1,311	sion.
23. Western Reserve ..	1,016	914	
24. Virginia	757	757	
25. Johns Hopkins	698	651	

The forty-sixth annual convention of the Minnesota Educational Association was held during the last week of December in St. Paul. The convention was well attended and a great success.

Minnesota was well represented in the list of speakers. Dean Randall gave an address on "The promotion of agricultural education." Professor James spoke on "The function of the University in vocational training."

The other papers were: "Home-making as an art," Mrs. Blair, College of agriculture; "The contributions of the languages to character," Professor Andrist; "Accuracy or full-

ness of expression," Professor Maria Sanford; "The organization of work in modern European history in the high school," Professor Anderson; "Should American government be taught as a subject distinct from American history in the high schools?" Professor Schaper, "The demand for an industrial education;" Professor Haynes, "Recent advances in chemistry." Professor Andrist, Madame Bertin, Professors Frelin, and Melon took part in the French and Professor Schlenker in the German discussion.

Minnesota was well represented at the twenty-first annual meeting of the American Economic Association held in Atlantic City, N. J., December 28-31. Professors Gray, Rastall, Robinson and Coulter, of the economics department and Professor Reep, of the sociological department, were present at the meeting. Dr. Gray is a member of the executive board and all the other Minnesota men took active parts. Professor Robinson was the chairman of the round table on agricultural economics which was one of the most profitable sessions of the entire meeting. This session was opened by Professor Robinson with a speech on economic geography and agricultural economics. He was followed by Professor Coulter, who

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spoke on the cooperative market.

It is rumored that these men made such a favorable impression that efforts are being made to get them away from Minnesota.

The meeting of the Committee of one hundred to prepare a standard medical curriculum, met in Baltimore during the holidays. Minnesota had five representatives on this committee—Dean F. F. Westbrook heads the section of the committee which has charge of hygiene, medical jurisprudence and medical economics; Frank C. Todd, Dent. '91, Med. '92, member

Dr. J. Paul Goode, '89, took a prominent part in the meeting of the meeting of the American Association for the Advancement of Science, which took place in Baltimore during the holidays, being general secretary of the meeting.

OF GENERAL INTEREST.

Mrs. Cyrus Northrop was severely injured Saturday, January 2nd at her home. She stepped through an open door leading to the basement and fell the length of the stairs, breaking both wrists and was badly bruised in other ways. She is getting along as com-

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of the University medical faculty, is a member of the section of the committee dealing with diseases of the ear; Charles L. Greene, Med. '90, also member of medical faculty, is a member of the section having in charge medicine, including pediatrics and nervous and mental diseases; Professor Thomas G. Lee is a member of the section of anatomy, including histology and embryology; Dr. Otto Folin, '92, is a member of the section of physiology and physiological chemistry. Dr. Folin is professor of biological chemistry at Harvard.

fortably as could be expected under the circumstances.

President Northrop spent last week attending a meeting of college presidents at Cornell University.

Professor Sanford underwent an operation for ear trouble during the holidays. She has so far recovered as to be able to be out and meet her classes again.

Dr. C. A. Savage will offer a course in Greek literature and life during the

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second semester. The course will be supplemented by stereopticon lectures.

The senior law students will have the rare privilege of listening to courses of lectures from A. B. Jackson, Judge Daniel Fish, T. D. O'Brien, and Senator Durment. An effort is being made to secure Frank B. Kellogg for a course also.

Russell H. Conwell, who is to lecture at the University on the 15th, next Friday, will take as his subject, "Acres of Diamonds" a lecture which he has delivered over five thousand times in the course of his work on the platform. He has given over seventeen thousand lectures since he took up this line of work and is known as one of the best speakers on the American platform.

The University dramatic talent is being sought after by local theatrical men. It is said that a considerable number of students have been made definite offers to take up work along this line.

"King Rene's Daughter" will be put on the chapel stage on the 19th of February.

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The University dramatic club will attend the production of Dr. Burton's drama, "Rahab" in body this afternoon. The Donald Robertson company put the drama on the stage of the Metropolitan this afternoon.

The order has gone forth that the co-ed basket-ball team is not to meet any outside team this year.

Dr. R. O. Beard, professor of physiology, made an address before the young women of the University, last week upon nursing as a profession. He argued that college women make the best nurses and that the profession of nursing offers many advantages to college women.

The faculty of the college of medicine and surgery is planning a training course for nurses in connection with the new hospital that is coming. Temporary quarters for the hospital have been assigned in the old fraternity house at 303 Washington avenue southeast.

Louis L. Schwartz, '07, who is practicing law in this city, read from his own plays to the classes in rhetoric last Wednesday. Mr. Schwartz began writing plays while in the Uni-

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versity and has written a number which he does not consider of sufficient merit to offer to the publisher, though friends who have read them say that they are of decided merit. Since graduating from the University Mr. Schwartz has been doing some graduate work with Brander Matthews, of Columbia University and is at the present time taking part in one of Piner's plays that is being put on the stage by the Johnson School of Oratory.

Professor C. P. Bull and Mr. L. V. Crandall arranged a very neat and attractive exhibit for the Omaha Corn Show. It was a credit to Minnesota.

TRACK WORK PROGRESSING.

Things are booming in track circles. Coach Grant has prepared a very attractive program of meets for the spring months.

The first big indoor meet will come off in the St. Paul armory on February 26th. In March a second meet will be held in the University armory. One of its features will be a two-mile team race.

On May 7, a big dual meet will be held at Iowa and on May 15 another at Nebraska. The big conference meet of the big eight will be held at Chicago the fifth of June.

These various meets offer great inducement for track men to get out for work. Many men are already out and the track authorities hope to get 600 men working.

Coach Grant is systematizing the track records. He is working up a card index scheme whereby the work of every man who has gotten out for track will be tabulated.

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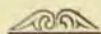
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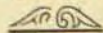
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VOL. VIII

January 18, 1908.

No. 17

ANTHONY ZELENY'S NEW MACHINE.

Professor Anthony Zeleny, of the department of physics, has again invented a machine that is of the highest commercial importance. We have had occasion to refer to Dr. Zeleny's work many times before in the *Weekly* and the prospects are that we shall many times again, for he is doing a work that bears directly on some of the great problems of commerce. This time Dr. Zeleny has invented a machine for instantly determining the amount of moisture in grain, or in anything else, for that matter. Like his electric thermometer, so widely used by the grain men, this is based on the galvanometer, and gives direct readings for the moisture within three seconds of its application to the substances whose moisture is to be determined.

Previous to this invention, the method employed was the oil test, which necessitated a long and tedious process of boiling out the moisture in oil, and that test varied at times two-tenths of a per cent. The old process was invented by Mr. Duval, expert of the United States department of agriculture. Since the announcement of the new machine by Dr. Zeleny, Mr. Duval has made a separate test of each of 167 kernels of corn. The Zeleny machine gave the average moisture of these separate kernels at 16.502 per cent. The oil test which followed, using the same kernels, was made with special care to be complete and showed the presence of 16.500 per cent moisture, the two being less than one-tenth of a per cent apart. This test was an official test made at the request of the Baltimore Chamber of Commerce.

The machine which has been patented by Dr. Zeleny, will soon be in

common use by every grain dealer in the country, who is alive to the possibilities of the new invention.

Naturally, Dr. Zeleny, being first of all a man of science, takes the greatest pride in the scientific features of the invention, rather than its commercial application. Both this invention and that former, which is so widely used to read the temperature in various parts of large bodies of grain, are the result of a direct seeking for some simple method of doing these specific things. Dr. Zeleny was asked by prominent grain men to take up the problem and solve it for them. These men, and others, had been working upon the problem for years, but could find no simpler way than by boiling out the moisture in oil.

One of the most interesting features of the experiments which were made by Dr. Zeleny in his quest of the solution, was the fact that the moisture curve shows that a sudden and sharp bend comes at about 15 per cent, which is the beginning of the danger point in grain. It is at this point that germination begins and his experiments have shown that the setting free of large numbers of ions has something to do with the beginning of germination and this opens a large field for further interesting investigations.

An unscientific but fairly accurate description of the machine follows: Dr. Zeleny found that two points of dissimilar metals when pushed into a kernel of corn would form an electric battery whose power to produce a current through a galvanometer depended upon the amount of moisture in the kernel. He took two points, one copper and the other zinc, and set them in a hard rubber handle con-

(Continued on third page.)

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Vol. VIII

No. 17

Objects

To Unite the Alumni
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Subscription price, \$2 per year, for all who have been graduated more than three years. To those who have been graduated less than three years, \$1.25 per year. A discount of 25 cents is allowed for payment before October 15 of each year. Hereafter there will be four magazine numbers each year.

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Minneapolis.

E. B. JOHNSON, '88, Editor.
HARRY WILK, '12, Advertising Manager.

COMING EVENTS.

February 19th, The annual meeting of the General Alumni Association. Tentative program to be announced next week.

(Continued from Page 1)

necting them with a galvanometer by copper wires. He then took kernels of corn of varying degrees of moisture, the exact degree having been accurately determined by the old oil process, and determined the deflections of the galvanometer, thus fixing points of his scale. Through repeated tests he was able to make an accurate scale for direct reading of percentage of moisture which are given instantaneously when the electrodes are thrust into the kernel.

Dr. Zeleny read a paper, describing this invention scientifically, before the American Association for the Ad-

vancement of Science in Baltimore recently.

The University is to be congratulated that it has a man of Dr. Zeleny's scientific attainments, which places him among the leading physicists of the country, and which enables him to make his scientific knowledge of such practical use to the everyday man of business.

CARNEGIE PENSIONS.

As announced last week, the Senate held up the Carnegie pension resolution and referred it to a committee. Senator Elwell called the first committee meeting of the session to consider this matter and the committee reported the resolution out with a recommendation that it pass. The Senate then passed it without a dissenting vote.

The resolution then went to the House and was passed without opposition. Later, a member asked that the vote be reconsidered and as no objection was made this was done and the resolution referred to the University committee, which will report it out soon, doubtless with its approval.

The resolution is practically sure to pass early in the session.

DR. BURTON'S PLAY GIVEN.

Dr. Richard Burton's poetic drama, "Rahab," was given in this city last Monday afternoon by the Donald Robertson company, of Chicago. The play was given to a crowded house composed largely of University people. The critics have had many nice things to say of the play and the way in which it was presented. The main criticism of the play is its lack of action. The poetry is beautiful and the plot is well worked out, but the lack of action is a serious handicap when the play is staged.

DR. McCORMACK OF KENTUCKY.

Dr. McCormack, chairman of the organization committee of the American Medical Association, and for over thirty years member of the state board of health of Kentucky, spoke in chapel last Thursday to a large and intensely interested audience.

The talk, which teemed with good practical advice, was upon the general theme, that the schools should

teach people how to live in health and happiness. He urged upon the students of today, who are to be legislators of tomorrow, to see to it that tomorrow has conditions favorable to the health of the people.

SUNDAY CLASSES CALLED OFF.

The daily papers of this city announced last week the holding of Sunday classes in the department of medicine. As was to be expected, this raised a storm of protest and the class was called off. Such announcements do more damage to the reputation of the University than can be remedied by months of hard conscientious work by the whole student and faculty body. Those who are responsible for such arrangements should think several times before they take action that is sure to result in damage to the University.

The people of the State will not stand for such actions and apart from any question of morals, the practice is bad for the individual as well as the institution.

DR. McVEY ELECTED PRESIDENT.

Dr. Frank L. McVey was last week elected to the presidency of the University of North Dakota. Dr. McVey was formerly professor of economics at the University and was appointed to the State tax commission by Governor Johnson, upon the creation of the body. He was chairman of the commission by virtue of the fact that he drew the short term. He has been an exceedingly useful man in his present position and some time ago Governor Johnson announced that he would be reappointed in April for the six-year term upon the expiration of his present term.

The offer is a very tempting one, it is said, \$6,000 a year salary and house in addition. While we feel like heartily congratulating Dr. McVey, we are sorry that Minnesota is likely to lose so good a man. Dr. McVey is peculiarly well fitted for the new position but his two years' service on the tax commission proves that this State needs his services here. Governor Johnson could not have found a better man if he had been free to select from the whole country instead of from the State alone.

SIX MODERN PORTIAS.

A woman's bar association, consisting of six women who are lawyers, has just been organized in the Twin Cities. Four of the six members are graduates of the University—Josephine Schain, Law '07; Alice Kercher, Law '04, Eliza Evans, Law '08, and Essie W. Williams, '09, a graduate of the St. Paul college of law. The other two members are Irene Buell and Tina Hansen. The primary object of the bar association, as composed of these young women, is social.

SHORT COURSE FOR FARMERS.

The short course for farmers opened last Friday at the experiment station. The course of study will include agriculture, animal husbandry, soils, agricultural chemistry, farm implements and mechanics, dressing and curing meats, veterinary science, horticulture, botany, poultry, entomology, drainage, accounts, workshop hints. A course of chapel talks has been provided so as to give those in attendance a chance to hear some of the big men of the northwest. Illustrated lectures will be given evenings, and Mondays will be spent on excursions to places of near by interest. Every working hour is filled with things to profit and delight those who are pursuing the course.

WORTH CONSIDERING.

In his article upon Harvard, Dr. Slosson, gives utterance to the following words:

"Here is the weak point of all great colleges and even the smaller ones—the lack of personal contact between the teacher and the student. It is not due to the influx of an overwhelming number of students, because the faculty has generally grown in proportion or more. It is partly due to defective organization and partly to the development of a new school of teachers who detest teaching, and look upon students as a nuisance and class work as a waste of time."

AN INJUSTICE TO MINNESOTA.

Last week, a city paper copied a statement from a recent number of the Independent, which in turn copied it from a report three years old, concerning the ranking of the colleges of the country on the basis of their possessing and production of eminent men of science. The statement is accu-

rate all save its heading which directly contradicts what follows. A great, though undoubtedly unintentional, injustice is done the institution in such a heading, since many readers get their main impression of things from the headings.

The facts in the case are that a list was asked for from some one connected with the University, no one knows who; a list was sent and the selections made by eastern men who naturally, with the best of intentions, were likely to do injustice to the west. In this case such injustice was evidently done since the list sent to those who did the deciding did not contain the name of Dr. Anthony Zeleny who has done so much scientific work that ranks with the best being done in that field of science today. This is simply cited as a single case of injustice.

Minnesota is a young institution and naturally has not produced many great men of science but no Minnesotan has any cause to hang his head over the product that has been or is being turned out by the University. As a single instance of the standing of Minnesota men, there has just come to our desk three reports of the Chicago Harbors Commission, each prepared by a graduate of the University of Minnesota, who made the investigations committed to his particular charge as an expert. Minnesota men are making good everywhere they are going and it behooves loyal Minnesotans to do the University at least bare justice which the facts demand.

MINNESOTA MEN MAKE GOOD.

Three Minnesota men are making the leading reports on the questions before the Chicago Harbors Commission—J. Paul Goode, '89, George C. Sikes, '92, and George G. Tunell, '92, have made reports on their findings concerning the phases of the subject assigned to their investigation. Dr. Goode's report deals with What the ports of Europe are doing and with Chicago's Commercial opportunity; Mr. Sikes deals with Obstacles to Chicago's water shipping development; while Dr. Tunell deals with The volume and trend of traffic to and from the central west.

MINNESOTA WELL REPRESENTED.

Minnesota was well represented at the sixtieth meeting of the American Association for the Advancement of Science. Appearing on the program were—L. W. McKeehan, instructor, who read a paper written by Dr. John Zeleny and himself, upon An experimental determination of the terminal velocity of fall of small spheres in air; by Alois F. Kovarik, with a paper upon Velocity of negative ions produced by ultra violet rays in various gases at different pressures and temperatures; by Dr. Anthony Zeleny with two papers one upon The effect of the magnetic impurities in the copper coils of moving coil galvanometers upon their sensitiveness, hysteresis and zero shift, and upon an electrical method of determining the amount of moisture in grain and other materials; also by Dr. Anthony Zeleny and Instructor Hovda, upon The three temperature co-efficients of the moving coil galvanometer and their relation to the temperature co-efficients of its various parts. Rodney M. West, '06, in collaboration with Julius Hortvet, state chemist, The determination of the essential oil and alcohol in flavoring extracts; Dr. George B. Frankforter, of the department of chemistry, Some new trypine derivatives; B. F. Groat, professor of mathematics and mechanics, New methods in backwater computations; Professor J. J. Flather, New method in building construction; Professor Groat, Diagrams of the efficiency of screws, and calculating card; Professor A. E. Haynes, A problem for State engineering colleges; H. J. Franklin, of the department of agriculture, Notes on cranberry pests, including notes on life histories of some of the insects concerned and some general observations on parasitism; Frederic E. Clements, professor of botany, Darwin's influence on plant ecology and plant geography; H. W. Hill, of the college of medicine, upon The importance of bacteriology as a non-technical study.

OF GENERAL INTEREST.

Dr. Gray of the department of political science, addressed the state agricultural society last Tuesday, in this city, upon Agricultural cooperation on the continent of Europe.

Dean Comstock has declared herself in favor of the organization of a track team of young women and steps have already been taken to organize such a team.

The faculty of the college of science, literature and the arts, has finally decided against credit for outside activities such as work on the Daily, the Magazine, etc. The only credit to be allowed for work done outside class is to debaters and the representative in the Northern Oratorical League, this work being done under direct supervision of the faculty.

The debating board has voted to try and secure a debate with George Washington University sometime this spring.

The athletic board of control has voted to have a baseball team this year and has invited Walter Wilmot, last year's coach, to take charge again.

Dr. C. A. Savage, of the department of Greek, is giving three lectures in the Public Library free lecture course; January 9th, he gave one upon the Literature of the Greeks and its influence; January 16th upon Sappho; and January 23d, upon The women of Greece. Mr. J. T. Gerould, University librarian, gives a lecture in the same course, January 30th, upon The development of the printed book, which will be illustrated by samples of various periods.

Articles by Miss Clopath, of the department of drawing, have recently appeared in the *Revue du Dessin*, a French educational paper. The articles deal with the educational value of art.

Dr. R. V. Phelan, of the department of economics, has an article in the January number of *Moody's Magazine*, upon a Real argument against guaranteed deposits, and another in the *Banker's Magazine* for January upon Guaranteed deposits and modern economic life.

"Separation of Church and State in France" was the subject of an address made to the Presbyterian ministers by Professor Charles Andrist,

'94, last Monday. Professor Andrist gave, at length, the history of the Catholic church in France, from the early times down to the present day, and gave a clear and concise exposition of the church laws of France. Professor Andrist has made a special study of this subject and has spent some months in France studying church conditions there.

Dr. H. T. Eddy, dean of the Graduate school, gave an interesting discussion on the "Mono-rail" car before the Engineers' Society on Wednesday afternoon. A wire was stretched across the lecture room, and a small model, borrowed from Northwestern University, was made to make frequent trips.

Dean Pattee gave the first of a series of lectures to the junior Laws yesterday morning. His topic is the "Laws of equity" and is one of the most interesting subjects in the junior's program.

Dr. Swift has been appointed to teach in the Summer School at Dartmouth College. He is to have classes in history of education and theory of education.

A new course in psychological sociology will be offered by the department of sociology and anthropology the second semester. The course includes a study of public opinion, conformity and non-conformity, the mob and the crowd, the phenomena of suggestion and imitation, fashion, custom and convention.

ANDERSON GOES TO PARIS.

Professor Frank M. Anderson, '94, of the history department will spend next semester abroad. He will leave the latter part of this week and sail directly for Antwerp, where he will remain two or three weeks. He will then go to Paris where he will spend the rest of his time. Professor Anderson's chief object in going is to study in the Paris libraries and archives.

Most of his courses will be dropped during his absence, but Dr. Notestine will give a course in English history from 1815 to the present date which will be in some measure a continuation of Professor Anderson's work on the French Revolution.

GOOD LECTURE COURSE.

The Catholic lecture course for the remainder of the year has been announced as follows: Jan. 17, Rev. J. J. Lawler, St. Paul Cathedral; Jan. 31, Mr. John D. O'Brien, St. Paul; Feb. 14, Mr. C. D. O'Brien, St. Paul; Feb. 28, Rev. T. E. Cullen, Pro-Cathedral, Minneapolis; March 14, Mr. F. L. McGhee, St. Paul; March 28, Mr. T. R. Kane, St. Paul; April 25, Rev. J. M. Cleary; May 9, Dr. C. E. Henry, Minneapolis; May 28, Mr. J. J. Murphy, Minneapolis. The spiritual director of the association, Rev. James C. Byrne, lectures before the association each alternate Sunday.

BASKETBALL SCHEDULE.

The complete schedule is:
Ripon, January 16, at Minneapolis.
Illinois, January 22, at Minneapolis.
Wisconsin, January 30, at Minneapolis.
Nebraska, February 5 and 6, at Minneapolis.
Illinois, February 10, at Champaign.
Chicago, February 12, at Chicago.
Northwestern, February 13, at Evanston.
Iowa, February 18, at Iowa City.
Iowa, February 26, 27, at Minneapolis.
Wisconsin, March 9, at Madison.

DUTCH TREAT LUNCHEON ADDRESS.

Culture: How We Lost It and How We May Regain It.

Address of Professor John H. Gray to the University Alumni, December 18, 1908.

I propose today to refer frequently to the education of women. I want it distinctly understood that neither by direct statement or implication do I mean to criticise co-education or express any doubt as to the desirability of giving women the higher education.

I shall also mention several things in regard to the general administration of the University and many more in regard to the college with which I am connected. In doing so I warn you that I have not the remotest intention of passing any criticism whatever on the president, Board of Regents, the dean of my own college or other administrative officers. To

say that certain things ought to be done today is neither to infer or to imply that the circumstances were ripe for, or permitted them to be done in the past, or to suggest that those in office had the necessary men or money to accomplish them if they had been possible. My remarks look towards the future not towards the past. I believe that no other University in the West has as devoted and intelligent a Board of Regents as our own. It would not only be superfluous, but would be truly offensive, in the presence of this company, for me to say anything about the great president of the University. His career speaks for itself and commands the universal admiration and affection of all the citizens of this state within and without the University. The president has not only shown during the whole time this beneficent and masterful career, but also by his recent action that he does not and will not stand in the way of, or oppose even momentarily any step which the University may need and desire.

I shall indicate before I am thru, that the future of the college of science, literature and the arts needs a dean who will devote his whole time to the work. The dean must be better paid than at present with much more help in his office. I know not whether the present dean would be willing to forsake his teaching to assume the somewhat ungracious burdens of such an office or not, but I do know that he would be unwilling to stand in the way of having someone else do the work in case he found it impossible to assume the burden himself, as soon as the need became apparent. In fact, every administrative officer of the University may in my judgment be counted on explicitly to carry out promptly, fully, gladly and in good faith, the will of the faculty of faculties as soon as the faculties have any will to carry out, and make that will known.

You will permit me to use in the remainder of my remarks, the traditional American language and refer to the college with which I am connected simply as "The college" omitting the somewhat long and cumbersome official name to distinguish that college from the so-called technical or professional schools or colleges of the University.

The college, using that word in its

generic sense, is peculiarly an Anglo-Saxon institution. The countries of Continental Europe have nothing to correspond to it. The four years' college course is an institution peculiar to America and apparently is of purely accidental origin. The colleges of the English universities require but three years and that, too, with a very much shorter period of residence each year than is required in America. The college, for centuries, has stood as the chief means and as an embodiment of what, in a somewhat vague sense we call liberal culture. For more than 200 years after the foundation of the first American college, the curriculum and spirit of the institution underwent but little change. Not until about the time of the American Civil War did material progress and the widening limits of scientific knowledge and method make serious inroads on the traditional position of the college in American life. The colleges were founded to prepare men for the only then existing learned professions, or rather profession; namely, the combined profession of teaching and preaching. So long as the world was so simple scientifically and materially, as it remained until about the middle of the 19th century, the college met reasonably well the demands for higher education. But, fortunately, about the middle of that century, natural science, so-called, blossomed out changing the whole attitude of men toward nature, education and material development. Concurrently, the application of science, particularly physics and chemistry, to material development, changed the whole face of material nature. Before this time the average youth, as a matter of fact, graduating from the college at a much earlier age than is the case today, could in four years learn the elements of all the then known sciences and could form a reasonable acquaintance with the best of the literature of Greece and Rome and that of his own tongue. With the birth of natural science and with the necessity of applying science to our material and civic life, the range of subjects and the limits of knowledge capable of scientific presentation, in the course of a decade or two, made it utterly impossible for anyone to master the mere elements of the different sciences. The more rapid advancement of science in the countries using other tongues than

our own, made a knowledge of other modern languages than our own fundamentally necessary for the mastery of modern science. In the days when the college took shape in England, English literature had not developed. There was but one language of culture,—the Latin, while the amount of good literature in the world,—the Hebrew, Greek and Latin,—was so small as to make it practically possible for the youth to master it before his 25th year. The coming in of the natural sciences not only furnished new material which had to be reckoned with by those proposing to live in a modern world, but changed the whole method of all education.

The attitude of the college toward this enlarged world was an unfortunate one from the beginning. It is not too much to say that the college which had prided itself on its exclusiveness, and its selectness, failed to make place within the college precincts or within its curriculum for the new fields of knowledge or to make any provision, or even attempt to make any provision, for education in the new lines. The men in control of those colleges not only had not had the training which would teach them to appreciate the new realms of science and knowledge but in the face of growing needs, prided themselves rather on being superior to it. The result has been that profession after profession has been founded requiring the strictest training both in preparation according to the scientific method and in the acquiring of scientific knowledge. It has had for the most part, in truly frontier, and pioneer, manner to depart from the college and to attempt to give the necessary scientific and technical training without the college course as a preliminary. Furthermore, the needs of this technical training whether in medicine, engineering or other important lines, have grown so rapidly in order to meet the growing complexity of the life with which professional men have to deal today, that the amount of time necessary to acquire this professional knowledge has increased more rapidly than the cultivators of these new fields have been able to induce the ultraconservative persons in charge of the college to open in any adequate measure his doors to those who wish to enter these professional courses with even a modicum of college training. The

consequence has been that, speaking at large, we have seen a large number of professionals spring up in the last 70 years with those entering upon the practice of these professions compelled to do so with little or no college training. To say nothing of the quality of the work, the amount of time required in residence for a medical education today is from three to four times the amount required four years ago. Those in charge of the college work have insisted that those who would enter any of these newer professions ought to take a full college course and afterward take a professional course. They have done worse than this. They have insisted upon keeping the college course so far away from practical life as to make one who has had a full four years' college course improperly qualified to enter upon the professional training. There are two fundamental difficulties in the proposition that a professional training should rest upon a complete four year college course; first, that the average age of graduation from college in this country is about 23 years. The average period of professional training is from three to four years. Let me illustrate what I wish to say primarily, from the relation of the medical school to the college. I do that, first, because it is one of the most important professions and next, because that is the school into which the college with which I am connected has come into the most satisfactory relations. In saying this I do not mean to imply that the relation is yet what it ought to be. As already indicated, the age of graduation from college is about 23 years. If we are to add four years for the medical study on top of that, with the necessary hospital practice, one would be about 30 years old before he could have reasonable hope of earning a considerable portion of his own subsistence or before he could with safety contemplate marriage and the rearing of a family. There are physiological, sociological and economical conditions which make this not only impossible but wholly undesirable. But this is but half of the story. If one is to be a liberal minded man practicing the profession of medicine what he studied before entering upon his strictly medical subjects is quite as important,—yea more important than how long he studied. Certain fundamental sciences

which fortunately are recognized today even by college faculties as proper subjects to enter into a liberal training are fundamentally necessary as a foundation for a technical, medical education. A man with a four years' college course, without the proper training in the fundamental or subsidiary subjects, is about as unfit to enter the medical school as though he had had no training in the college at all, for a different set of preliminary subjects serve for each of the recognized professions. If, therefore, the college is to furnish the proper preparation for professional studies, it must not only turn men into those professional schools at an earlier age than is possible today after a four years' college course, but it must send them forth from the college prepared in a different set of college studies for each of the important professions. This does not mean that the college students should not have other studies than those serving as a more or less direct preparation for his professional study. But even under present day conditions the roots of vocational training must sink down as deep as the beginning of the freshman year in college, and as the world of science is enlarged by new discoveries the time required for purely technical or professional studies must not only be lengthened but the general or preparatory studies must run further back in time and must even include the elements of new sciences. The whole college course for each individual student should be built about this thread of general studies serving as the foundation of professional or technical studies. This preparatory work should be built about, so far as the needs of the student permits, by general studies in other fields. But it should always be remembered that the college studies which furnish in any case the preliminary or foundational studies are quite as cultural and liberalizing as any others. Let us banish forever from our minds the foolish idea that a thing ceases to be cultural simply because it becomes useful. Nothing could be farther from the truth. Any so-called education that does not fit one to earn his living by returning an equivalent in service to the world, is not only illiberal but is morally criminal. To admit the progress of science in the last half-century is to admit that the world is already so large that no one person

can know even the elements of all sciences. Hence it may be confidently asserted that, apart from some knowledge of one's mother tongue, and its literature, a knowledge of no one thing in the world can be said to be necessary for culture. A cultured person a century ago had to know essentially the same as every other cultured person. That is not true today. He must know the scientific method, must know something of the contents of various fields of knowledge but not of all and must know a great deal about some one field. Nor can the progress of the world be stopped by declaring that the college ought not to be a mere preparatory school for the professional schools, that most of the college graduates do not go into the professions but into business. The answer to such a statement is easy. It is that in the twentieth century business is a profession and needs its special training as much as law, medicine or engineering.

Those who advocate general, that is, aimless college training, forget that this view of the college originated at a time when only the older professions existed and when, as a matter of fact, in view of the limitations of the then scientific world, the college prepared reasonably well for professions that did exist. So long as most of the college graduates went into the ministry or into the law, and so long as the world was so small as to keep the law so simple, as it was in those days, the college furnished a reasonably good proportion for those professions. Such could scarcely be said to be the case today for either Law or the Ministry. The growth of public law, sociology, history and economics, subjects not generally taught today in the law school, and the growing needs that the minister of today should understand not only the scientific method but something of the world in which he lives, makes the college today not even an adequate preparatory school for those professions.

If I might digress for a moment for the purposes of illustration I would call your attention to the fact that an important though by no means the only reason why the Ministry, speaking broadly, has lost its influence is that the ideas of culture of which we hear so much in our faculty today

have dominated the education of the minister and have deprived him of any adequate understanding of either the scientific method or of the results of the application of Science to modern life. Yet the ministers more than the members of any other profession have had the full four years' course and on top of that the full technical or professional course. Yet for the most part the ministers remain shut out from the "stream of the world" and remain shut out of vital contact with the twentieth century civilization which they are trying to enjoy and to influence.

But to return from this digression. Today, contrary to the practice of a century ago, the majority of college men go into business, but the needs of a man who would conduct successfully a business in days of world markets, and enormous combination of capital and labor require a training which may justly be called professional. The college clinging to the old ideas of culture, closing its eyes to the importance of modern science and modern business has so impressed itself upon the preparatory schools as to make it virtually hopeless for the college to prepare for professions, as professions are recognized or ought to be recognized today. The upshot of the whole matter is, as already stated, that the attitude of those in control of colleges has driven the professions, one after another, to take the raw material without its ever having been in college and to do the best they can in professional schools to prepare students thus devoid of college training for a professional career. No, gentlemen! There is something wrong with the attitude of our college authorities in regard to their conception of what constitutes liberal training and what is culture. It follows from this that there is something fundamentally wrong in their idea of the duty of the college toward the professional school. The old idea of the college was that it was the heart, the life and the backbone of the whole university: that on the reputation of the college and its work rested the dignity and importance of the university. The view was sound and answered well so long as the professions were few and in their infancy and therefore required but little training. It ought to remain true now but can do so only by adjusting

the college standards and work to the professional schools and to the world in which we live.

Looking through the statistics of our University for the last seventeen years, we get a curious and enlightening commentary on some things that I have tried to say. Omitting our agricultural department for the whole period, because the statistics at hand do not separate the agricultural school from the agricultural college students, and omitting the summer school, which, I think you will admit is as yet hardly to be ranked as a university school, the first thing that strikes our eye is that the proportion of men to women in the college has constantly decreased, whereas seventeen years ago the men were about 70 per cent of the total number. They are today less considerably than 40 per cent. (38 per cent). If the college today stands for culture and liberal training and is the only part of the university that stands for culture, it is plain that culture is a thing adapted to women only. Our college has ceased to play the chief role in the higher education of men in this state.

Looked at from another point of view, taking all the men in all the true university departments of the University today, the percentage of men is substantially what it was seventeen years ago, but if you take the men in our college, add to those every man in any other college who has ever had any measure of college training, or whose course will cause him to take any measure of college training before he leaves the university, you will find that seventeen years ago the percentage of men in the university with some college training was 54 per cent of all the men in the university, whereas the percentage today of the men in the University who have or will have any college, as distinct from professional or technical, training, when they go out into the world, is 36 1-2 per cent. That is, the increase of women in the college has just about been offset by the increase of men in the professional schools plus the men in the professional schools who are compelled to have some college preparation for professional work.

It ought to be very clear to your minds that this condition of affairs cannot go on very long without a



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destruction of the college. For whatever the future position of women may be in our civilization, I think it is clear that, for your day and mine, her direct influence is not likely to be such as to insure the perpetuity and the progress of the college if the college is to cease to attract men.

At the present rate, a decade hence, when the alumni of the University meet, the male alumni of the college will be a negligible quantity. If negligible in the Alumni association they are sure to be negligible in the community in which they live, before the legislature and before the Board of Regents. It is a perfectly well known fact, that we are today overshadowed by the professional schools. In fact, we have lost our standing before the Board of Regents. We have been semi-publicly and semi-officially declared to be ineffective. One reason for this is that we have been talking about culture without any attempt to

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define it when we ought to have been making plans to do something for the world. It is perfectly well known that several other colleges in the University have worked out plans involving progress and expansion and with a unanimous voice from each college presented those plans to the Board of Regents and asked enlarged resources to carry on the expanded work. It has made a bad impression on the Board of Regents that no such requests have come from The college. They assume and assume properly that if we wanted anything, we would ask for it and, not having asked for anything, they conclude that we are dead or stagnant.

But I must draw my remarks to a close. Let me state briefly the matter as it lies in my mind. We have permitted our respective professional colleges to separate from the college at earlier dates than sound policy permitted. Much worse, we have permitted them in so doing to virtually disrupt the college by taking a large part of the work properly belonging to the college with them. In separating, they carried a large part of the soil of the college with them. If our present attitude is maintained much longer we are on the verge of having the operation repeated by the creation of other professional or technical schools. Far be it from me to

criticise those who have led these swarms from the hive! They were men of worthy ambition and with a desire to do something for the sake of humanity which it was necessary should be done, and, finding no opportunity whatever to do it under the then existing organizations, they tore the old college asunder and took such portions of it as they were able to carry off and did the best they could to turn men out to do the work of the world, without any adequate preliminary knowledge for the technical training obtained in their schools. Better to have the work done so than not to have it done at all. As a result of this process oft repeated, the college has become isolated, offering work primarily of interest to women while the professional schools hang suspended in mid-air without any adequate foundation of liberal training on which to rest. We have not yet reached the stage where four years of college training of any sort can properly be required as a preparation for our professional schools. We have, however, in my opinion, reached a stage where some college training ought to be required of every professional college granting a degree; some in the case of certain colleges; more in the case of others. Whether this ought to be one, two, three or four years depends some-

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what on what kind of college training we propose to give. I question whether this ought to be as much as four years under the most liberal curriculum.

The problem before us now is not to attempt to tear down these colleges but to articulate the work of the college with the work of the professional schools. We must not pull down the house but as you do in the case of an old house, put some new underpinning and some new foundation under it. In my opinion, to bring about this articulation and reintegration which alone can save

ganization of the college is necessary before we can command the respect or co-operation of the professional schools. I suspect that here, too, the first step toward this reform will be the forsaking of the idea of a teaching dean and the engaging of a scholar and a teacher with large administrative ability, and, if possible, experience, who will devote all of his time to this work. I suspect that to induce any fit man to forsake his chosen field and professorship will require a larger salary than is necessary to obtain a good teacher or than we have been accustomed to pay for

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the college, will require a larger expenditure for central administration of the University than we have yet had. The time has now come when we should have either a university dean devoting his time to this problem or a vice-president of the University performing substantially the same function. To get a man suitable for this work who would give up his teaching for the arduous and untried field of administration will require a larger salary than we have been accustomed to pay our teaching deans. But a more fundamental reor-

ganization of the college is necessary before we can command the respect or co-operation of the professional schools.

The embodiment of expert knowledge is in the college faculty. Unless that body has a consensus of opinion and brings it to bear, the whole work of the college lags.

Our college faculty has ceased to have working influence on the policy of the college. It has become the custom to farm out matters to different committees, and however skillful the men on those committees may be, they are so burdened with teaching and other duties that they are wholly

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unable to gather sufficient information to enable them to map out a progressive policy or in fact any general policy at all. They feel that they must do something to justify their existence, consequently they soon come, no matter how able the members, or how learned they may be, to regard their chief function to be to prevent men from doing things. In other words, they consider their function to be to keep the lid on. The faculty on the other hand, as a body, readily comes to depend on the judgment of these committees and votes *pro forma* in accordance with the recommendation of the committee. We have reached a stage in our college administration very analogous to that reached in the administration of American cities half a century ago; when the whole administration was partitioned out among a large number of independent commissions.

The condition in city government is well set forth by the late Edwin Burritt Smith in his essay on the Voters' League:

"The need of the hour is to make municipal government representative. It is now dominated by special interests. It must be made representative of the people. To the extent that we have abandoned the legislature to private interests, and fallen back on the executive and the courts, we have armed special privilege with affirmative authority, and left public interests to be defended by officials exercising powers which are mainly negative. Thus, in lieu of simple and responsible municipal government exercising adequate affirmative powers, we have a hotchpotch of warring officials and boards."

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Truly the need of the hour in college matters is a making of college government representative of faculty opinion. The ideal is a strong and able central administration for executing and a well developed faculty opinion for mapping out policy and legislating.

In other words, when the condition of affairs explained above is wiped out and the reorganization of the college hinted at above is effected, the faculty will come once more to be recognized as the most important body in the University, the body whose influence ought to determine the policy of the college. It will then be recognized that our ideas of culture must undergo a change.

The question today is one of reintegration and of articulation and of co-operation. When these are accomplished we shall have one of the greatest universities in the land in quality as well as in numbers.

PERSONAL ITEMS.

R. J. Andrus, Eng. '07, is now manager of the Kenwick and Paceso plants of the Yakima Valley Power company. He is located at Kenwick, Wash.

H. H. Aspden, '95, reports that a little daughter came to his home October 30th last.

A. V. Dahlberg, Chem. '05, and Beatrice B. Strutz of Fergus Falls, were married December 31st. They will be at home to friends at Spreckles, Calif., after January 15th.

H. A. Danelz, '02, is now connected with the First National bank at Benson, Minn. He was formerly engaged in business in Swift Falls.

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Florence D. Deal, '08, has recently changed her address from Shakopee to Truman, Minn.

A. H. Featherstone, Law '98, of Wallace, Idaho, represents his district in the legislature of his state.

Harriet McKenzie, '08, and Stanley B. Houck, Law '08, were married December 18th in this city. Mr. and Mrs. Houck will make their home in this city at 729 13th avenue southeast. Mr. Houck is doing editorial work for the Keefe-Davidson company of St. Paul.

Mr. Jacob Hodnefield has accepted a position at the University of Illinois as the head of the exchange department. Mr. Hodnefield has, until recently, had charge of the reading room in the library evenings. His place will be filled by Mr. A. C. Pederson, a graduate of Decorah, Iowa and a graduate student.

A. T. Lagerstrom, '05, has recently left Los Angeles and gone to Bay Point, Calif., to take a position with the C. A. Smith Lumber company.

Mr. and Mrs. J. Raymond Lindgren, Law '06, are the happy parents of a baby who calls Captain Guild, grandpa. Grandpa is passing the cigars.

J. E. McAndrew, '95, has moved from the address given in the directory, his present address being unknown.

Mr. and Mrs. E. F. McGinnis, formerly of Detroit, Mich., are now living at 420 East South Temple street, Salt Lake City, Utah. Mrs. McGinnis was Gertrude N. Dorr, Pharm. '99.

J. J. McGroarty, Med. '07, has just located at Easton, Minn.

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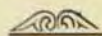
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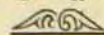
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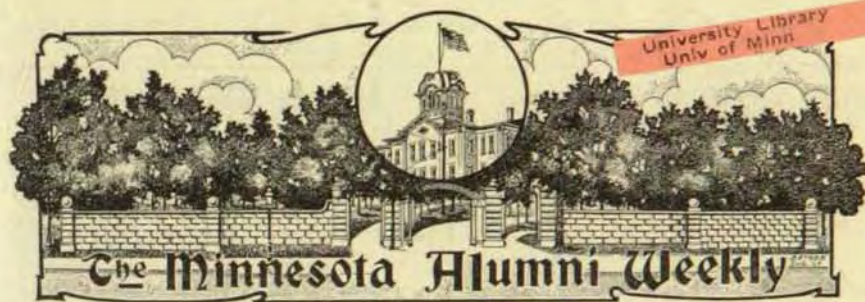
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ESTABLISHED 1872



VOL. VIII

January 25, 1909.

No. 18

To Subscribers:

This issue of the Weekly is devoted to placing before subscribers the needs of the University, and to urging the necessity of PROMPT and JUDICIOUS effort on the part of the Alumni to see to it that the people of the State, and their representatives in the Legislature, have the needs of the University fairly and fully placed before them.

The session is likely to be much shorter than previous sessions and PROMPT action is of PRIME importance. As alumni we should see to it that the needs of the State for its University are fairly considered and that such treatment is accorded the University as shall make it, even more than in the past, an honor and a blessing to the great State whose name it bears.

In all your work keep to the front the necessity of the passage of a law granting the University a ONE-HALF MILL TAX LEVY for general support. This is THE VITAL need of the University at this time.

While we should use every effort within our power to secure the results above suggested, we should be careful to so act that no one shall be able to say of us that we hold our love for the University above our loyalty to the State. Let us ask and insist simply upon a square deal for the State in the proper support of its University.

Ours is a great privilege; it is likewise a great responsibility. Let us meet it as broad-minded men and women and let us show that the training we have received at the University has made us better citizens, broadened our sympathies and made us more public-spirited.

The Board of Directors of the
General Alumni Association.

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Vol. VIII

No. 18

Objects

**To Unite the Alumni
To Serve the University**

Published every Monday during the University Year, by the General Alumni Association of the University of Minnesota. Office, 219 Folwell Hall.

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Loose money sent in payment of subscriptions is at the sender's risk.

Address all communications to the
Minnesota Alumni Weekly
The University of Minnesota,
Minneapolis.

E. B. JOHNSON, '88, Editor.
HARRY WILK, '12, Advertising Manager.

THE PROBLEM.

Our state is growing in population, wealth and development, with leaps and bounds. The attendance at our institutions of learning and the demands for additional facilities are increasing in like manner. * * To guide the efficient and symmetrical development of the institution under such conditions is in itself a great task. It cannot be accomplished without adequate means. * * The Board earnestly recommends that the Legislature devote one-half mill tax for this purpose, instead of 23-100 mill supplemented by special annual appropriations as is now the practice. * * * The State having assumed the responsibility for furnishing our future citizens higher education a matter of \$50,000 or \$75,000 per annum cannot in justice or with safety to the State, be allowed to outweigh the present and future vital interests of

an army of over four thousand young men and women."—From the annual report of John Lind, president of the Board of Regents.

PRELIMINARY.

The University exists primarily for the good of the people of the State and we, the alumni, can urge support for it so long as it serves the needs of the people of the State. Whatever will make the University of greater use to the people of the State will justify any reasonable expenditure. The alumni should, however, see to it that no act or word of any of our number shall ever cause the people of the State to lose confidence in the University. Economy in expenditure is the only justifiable public policy, but we should not lose sight of the fact that there is a false economy that "withholds more than it mete." As alumni we should, therefore, do all in our power to have the needs of the University supplied as fully as the resources of the State will justify.

Let us work to secure for the University the things which we feel are needed to make the University of the greatest good to the State,—planning with wisdom and working with enthusiasm to secure the results we desire to obtain.

Suggestions for Work.

First, make yourself familiar with the facts in this pamphlet.

Then set about it to get the alumni in your vicinity aroused to the needs of the University and the responsibility of the alumni for the University.

Plan to enlist the aid of alumni of other universities and also the aid of other prominent citizens in your vicinity who are known to be interested in the University.

Make use of the newspapers of your city and try to enlist the hearty co-operation of their editors.

Use whatever means the circumstances of your locality may make most effective to place before your members of the Legislature the needs of the University and your own interest therein.

Make prominent, at all times, the idea that the University exists solely for the people of the State and that its humblest citizen has as vital an

interest in its welfare as the largest taxpayer.

The Great Need.

The ONE THING that alumni of all departments should stand for, above all other things, for it affects all departments alike, is the passage of a law granting the University. ONE-HALF MILL TAX for general support. This means an increase of about \$100,000 a year. The 23-100 mill tax yields about \$235,000; this is supplemented by a direct appropriation of \$165,000, making a total of about \$400,000. The 50-100 mill tax will produce about \$500,000. Other requests made by the Board of Regents should be held subordinate to this request, for it means most to the University's development and usefulness to the people of the State.

In commenting upon the increase in salaries made possible by the last Legislature, Mr. Lind, president of the Board of Regents, says: "There has not been an appropriation made by the Legislature for the University that has meant so much for the improvement of University conditions as has this for advancing salaries to something nearer a proper living basis. While this advance has afforded great relief, the present scale of salaries of members of the faculty is below that which must in time be established and maintained if Minnesota is to attract and to retain men of high rank and to advance to its proper place among the leading institutions of the country."

There can be but one argument used against the passage of a bill providing for University support on the basis of a one-half mill tax levy, and the argument is without real force. It has been claimed by opponents of the plan that it makes the Regents independent of the Legislature and that it prevents the Legislature's knowing what the Regents are doing with the State's money.

In answer, be it said, The Legislature is supreme and its authority unquestioned. The Regents are required by law to make biennially full reports of their doings. The Regents have done this and have always submitted well-digested and clear reports of the disposition of all funds entrusted to their charge for the sup-

port of the University. If their reports in the past are lacking in any detail that anyone could wish to be made clearer or more specific, the Legislature has but to say what more is desired in order to have it furnished.

In favor of such provision it is to be urged that the State has already committed itself to the policy. The tax levy began at 15-100 of a mill; it was afterward made 23-100 of a mill; and then annual appropriations were made raising it to 40-100 of a mill (23-100 plus \$165,000=40-100).

It is in accord with the experience of successful universities.

And, above all, it makes possible the adoption and execution of a consistent plan.

In his latest biennial report, Mr. Lind, says—"A certain income from year to year, fixed in advance and governed in amount by the growth of the State, and the consequent needs of the University, would enable the Board to adopt and follow a more settled policy in the administration of the affairs of the institution and would be conducive to economy. Intermittent and irregular appropriations for permanent objects always result in loss and more or less waste."

The Board of Regents has asked it.

The Governor of the State recommends it.

The alumni are for it.

There seems to be no good reason why it should not be granted.

The Carnegie Pension.

The joint resolution requesting that the University be admitted to share in the benefits of the Carnegie Foundation, passed the Senate without a single opposing vote and the House, too, without opposition. In the House it was afterward recalled, with the consent of the friends of the resolution, and referred to the University committee for consideration and report. As the opposition is practically little more than perfunctory it is sure to be passed when it is again called up for action.

The Library Situation.

Next to a larger annual income for current expense and the acceptance

of the provisions of the Carnegie Foundation pension we place, without hesitation, the provision which is asked for the library. The library is the heart of the University and its proper support is absolutely imperative if the University is to be such other than in name.

Within the last few months the University has lost one of its most promising teachers largely because of the fact that the institution to which he went has a much better library.

Last year, Michigan, with a library already twice the size of Minnesota's, spent \$26,500 on its increase; Illinois spent \$34,714; Chicago about \$40,000; Wisconsin \$33,293; the Wisconsin historical library, which to all intents and purposes is part of the University library, spent about \$7,000 in addition, so that the State spent on the two libraries about \$40,000, last year. These libraries have 285,000 volumes, exclusive of pamphlets.

The amount asked for the library by the Regents is a very modest sum and includes:

\$20,000.00For general library
5,000.00For law library
3,500.00For agricultural library
2,500.00Periodicals and binding
2,500.00Cataloguing library
<hr/>	
\$34,500.00,	a year in all.

The Building Program.

In his report to the Legislature, Mr. Lind, president of the Board, says—"The Board of Regents feels that the estimates herewith submitted may seem high, but they beg leave in that connection to express their judgment that the time has come for requiring all new construction to be not only fire-proof but time-proof as far as possible. Every structure hereafter erected should be permanent in every sense of the word.

To meet these requirements the initial expense will of necessity be somewhat larger than would be required for mere temporary facilities. The estimates submitted are designed to cover the expense of adequate construction, both with regard to fire-proof and permanency. Estimates are submitted only for necessary buildings. Of these the necessity for some is imperative."

\$150,000 for a modern heating plant is placed first in the order of necessity. It is estimated that a thoroughly

equipped modern heating plant would enable the University to save at least one-fourth of its fuel bill. And where the fuel bill runs well up toward \$40,000 a year the saving is considerable.

\$400,000—\$200,000 each for two buildings for the department of medicine. One of these is imperative to take the place of the anatomy building which burned last fall and which was and always had been ridiculously inadequate to the needs of the department: this building will also make provision for the departments now housed in the medical laboratory building and leave that building for the college of dentistry. The second building is needed to take the place of Millard Hall, which will then be given over to the college of pharmacy, providing for the needs of that department which has never been properly housed.

\$40,000 for changes in the medical laboratory building to fit it for the use of the college of dentistry. It may be said that the need for both of these buildings is imperative, for upon their construction depends provision for the departments of dentistry and pharmacy. The buildings are also needed for the growth and expansion of the medical department.

\$40,000 more is needed to go with the \$114,000 of the Elliott bequest to provide for the erection of a proper building for the new hospital.

\$100,000 is needed for a woman's dormitory. While there may be question in the minds of some as to the wisdom of this request, there was none in the minds of the Regents, and it is in line with the practice of some of the best universities.

\$150,000 for a model school building for the college of education. Concerning this item, the Regents frankly say that the Board is not prepared to recommend it, but that it appears that such provision is demanded by the school men of the State who are in position to know the needs of that college and that it is expected the Legislature will listen to the school men rather than to the Regents in the matter. The Board is a unit in saying, that if an appropriation is made, not less than \$150,000 should be granted for the purpose. Further, that unless the Legislature

grants the half mill tax, \$25,000 annually, should be appropriated for the support of this college.

\$300,000 are needed for a building for the departments of animal biology, botany and a University museum, but unless the Legislature can grant this full sum, it would better be allowed to go over this session. The need is undoubtedly great.

In considering this matter we should keep in mind that the State is building for its University for all time and that plans should be made on the basis of something beyond the needs of the immediate future. We should not forget that this is the growing, and so of necessity, the building period of the University.

Campus Extension.

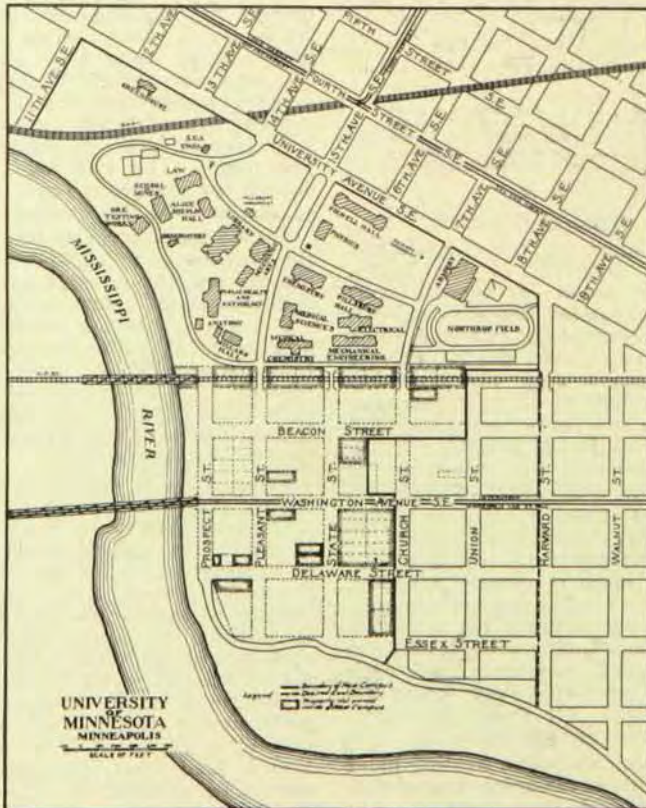
The Regents have proceeded to acquire land to the south of the old campus as shown in the following map.

The Regents have said that they would make, very soon, a full report to the Legislature, showing what has been done in this matter and making recommendations on the question of further enlargement of the campus. There can be no question, however, that the University will need, in the near future, all of the land asked for in 1907, that is, to Harvard street.

Senator Elwell has already introduced a bill into the Senate, amending the former bill by extending its provisions for two years, thus providing for \$350,000 additional for this purpose. This sum will hardly provide all that will be needed but it will provide for all that could probably be acquired during the next two years.

The Northern Pacific Tracks.

The removal of the Northern Pacific tracks has been urged by the Board of Regents. Their removal is the only proper solution of a situa-



Heavy border lines indicate limits of new campus. Heavy dotted lines, what is desired in addition. Shaded outline indicates lots and blocks condemned but not yet purchased and also N. P. right-of-way.

tion that has become intolerable and that will grow worse unless some radical action is taken soon. The removal of these tracks will undoubtedly mean a considerable expenditure, but one which should in no sense be charged up to the University. The Regents did everything in their power to prevent their location near the University in the first place, but were overruled by the supreme court which, by a divided vote, decided against the University, giving as its specific reason for the judgment that the location of the tracks at something like "nine hundred feet from the University building" could in no wise harm the University. The bill that will be introduced into the Legislature to remedy this matter will deserve the backing of every loyal citizen of the State. It is a matter which means much to the whole future of the institution.

A Question of Policy.

In the past the growth of the University and provision for its needs have been, to a considerable extent, a matter of temporary expediency. The Regents feel that the time has come for handling the affairs of the University and its problems in a large way. When the money was granted for the new campus they settled upon a definite policy for future growth and arrangement of buildings. These plans are well in hand and the grouping of the buildings for the future and their general character are being definitely planned.

Likewise they have adopted a policy of developing colleges in order, placing some one or more colleges at one time on an adequate footing and then taking up other colleges or departments in the same way. In pursuance of this definite and well-considered policy the Regents have this time asked for provision for the college of medicine and its allied colleges—dentistry and pharmacy.

The buildings which they have asked for will provide for the needs of this department for many years to come and will allow for the caring for other departments at future sessions of the Legislature.

It is therefore very essential that the alumni of all departments stand by the program and lend every aid in their power to carry out these plans.

The very fact that the University has reached a state of development where it is possible to settle upon a definite policy of development is big with promise for the future. The fact that we have a Board of Regents which has risen to the occasion means even more.

The Board has put itself on record this time for a policy that the alumni and others who have faith in the University and its service to the State can follow with enthusiasm. Let us not fail to do our best to place the facts before the members of the Legislature and the people of the State trusting in the good judgment of both to do what is right and just.

Comparative Statistics.

The wise man learns from the experience of others, and so with institutions; while we do not want to copy the methods of other institutions we may learn from their experience and the following figures and comparisons are made for the purpose of showing that what the University authorities are asking for is not excessive, and, on the contrary, is very conservative when judged by the support afforded other universities by their states.

On the basis of actual valuation, Minnesota now receives 11-100 mills tax, or, 11c on every \$1,000 actual property in the State; Michigan receives 19-100 mills; Wisconsin receives 22-100 mills; Illinois 7-100 mills.

On the basis of assessed valuation, Minnesota receives 40-100 mills (23-100 plus \$165,000=40-100) or, about \$400,000 annually, for general current expense; Michigan receives 38-100, or \$650,000 annually; this does not take into account the agricultural department nor the school of mines, both supported by the state. If these institutions were taken into account the rate would be 45-100, or, \$780,000 annually. Michigan is supposed to save something out of this for buildings.

Wisconsin receives 29-100, or \$622,000, for current expense and is now making a strong plea for \$100,000 more for the same purpose.

Illinois receives 55-100, or, \$622,500.

On the basis of what is now being received from the 23-100 mill tax the University would receive \$500,000 from the increased tax at 50-100 mills.

Growth of the University.

The following table shows how rapid has been the growth of the University, especially since 1888, the past 21 years:

1868,	72	1882,	253	1896,	2,467
1869,	146	1883,	222	1897,	2,647
1870,	212	1884,	289	1898,	2,890
1871,	225	1885,	318	1899,	2,925
1872,	265	1886,	406	1900,	3,226
1873,	278	1887,	412	1901,	3,413
1874,	287	1888,	491	1902,	3,656
1875,	237	1889,	781	1903,	3,788
1876,	267	1890,	1,092	1904,	3,845
1877,	304	1891,	1,183	1905,	3,790
1878,	371	1892,	1,374	1906,	3,955
1879,	386	1893,	1,620	1907,	4,145
1880,	398	1894,	1,828	1908,	4,421
1881,	271	1895,	2,171	1909,	4,671

Rank of the University.

Omitting the summer school enrollment the University ranks third among the colleges and universities of the country.

Michigan,	4,637	Pennsylvania,	4,223
Columbia,	4,540	Illinois,	4,052
Minnesota,	4,355	New York,	3,457
Harvard,	4,336	Yale,	3,448
Cornell,	4,246	Wisconsin,	3,237

When summer schools are included, the institutions rank as follows:

Columbia,	5,675	Minnesota,	4,687
Harvard,	5,342	Pennsylvania,	4,555
Michigan,	5,188	Illinois,	4,400
Chicago,	5,114	New York,	3,951
Cornell,	4,700	Wisconsin,	3,876

When the incomes for current expense of the various institutions are taken into account, Minnesota does not rank so well:

Harvard	\$2,129,563.
Cornell	\$1,943,195.
Columbia	\$1,767,374.
Yale	\$1,263,444.
Chicago	\$1,222,353.
Wisconsin	\$1,124,731.
Michigan	\$1,093,859.
Illinois	\$1,097,000.
Minnesota	\$801,100.
New York	\$655,000.

Pennsylvania, figures not available.

Wisconsin, which is a smaller institution, has fifteten per cent more full professors giving full time to the University, than has Minnesota; she has more than fifty per cent more of assistant and associate professors; and just one hundred per cent more instructors, devoting full time to the University. The scale of salaries is almost the same at both institutions.

Perhaps this will explain why Wisconsin is usually pointed out as the leading state university of the country.

Pertinent Points.

An average city home valued, for the purpose of taxation, at about \$2,500, which pays 1-2 mill on such valuation, would contribute but \$1.25 a year toward University support.

In like manner a farmer whose farm is valued at \$4,000 for the purpose of taxation would pay but \$2 a year toward the support of the University.

50c a year on every \$1,000 valuation of property is all that is being asked for the support of the University, or, including the buildings that are being asked for, \$1 a year on each \$1,000 valuation fixed for taxation purposes, or, on \$2,500 of actual valuation.

Put this question fairly to any objector—"How much more is your home or your farm worth today than it would have been worth if the State had never established a University?" Every piece of property in the State that is a credit to the State, is worth more than it has ever contributed to the support of the University, more than it would have been worth without the University.

The income of the University has NEVER been adequate to its needs and the Regents have been obliged to make both ends meet by employing an undue proportion of young and inexperienced instructors and by increasing the size of classes beyond the possibility of doing good work. Complaint has been made that it is no longer possible for the individual student to come into contact with his instructor, and it is practically impossible for them to do so under conditions which now obtain.

Appropriations of 1907.

Standing tax levy, 23-100 mills, yields about	\$235,000.00
For general support, annual	\$165,000.00
For special purposes, of current expense nature, including campus, repairs, soil inspection, live stock, field crops, horticulture, and Crookston school	32,500.00
Standing appropriation for the school of mines	9,500.00
Library, annual	19,500.00
For hospital maintenance, one year only	25,000.00
For military instruction, annual	6,000.00
For permanent improvements, one year only	17,500.00
For refund of money advanced to Crookston school	2,500.00
For buildings, including the engineering building, barn, dormitory for Crookston school and industrial building for same	\$352,000.00
For lands, for experimental farm \$76,000, and for campus \$450,000, and for fruit breeding farm, \$16,000	\$542,000.00
For various experiment stations, current expense	19,000.00
For experiment station buildings	4,000.00

What is Asked for 1909.

I. A standing tax levy of ONE-HALF MILL, producing about \$500,000 annually.

II. Buildings and permanent improvements as follows:

\$150,000 for a heating plant.
\$200,000 for an anatomy building.
\$200,000 for a medical building which will provide also for the needs of the college of pharmacy.
\$40,000 for changes in the medical laboratory building to provide for the college of dentistry.
\$40,000 for completion of the Elliott hospital.
\$100,000 for a dormitory.
\$150,000 for the college of education, if the Legislature desires it to be continued and developed along lines already directed by the Legislature.
\$500,000, if possible, for a building for the departments of animal biology, botany and museum.
\$50,000 for dormitory for women of the school of agriculture.
\$13,000 for repairs on Pendergast Hall.
\$2,500 for repairs in Home building.
\$800 for repairs on Veterinary building.
\$15,000 for completion of Dairy pavilion and barn.
\$15,000 for remodeling Dairy hall.
\$1,500 for repairing green houses.
\$6,000 for construction of coal bunkers.
\$5,000 for building for hog cholera work.
\$8,000 for construction of alcohol plant.
\$700 for extension of water mains.
\$1,000 for extension of gas mains.
\$2,000 for new well and pump.
\$2,000 for extension of sewers.

III. For miscellaneous objects:

Libraries, general	\$20,000.00
Law	5,000.00
Agriculture	2,500.00
Periodicals and binding	2,500.00
Cataloging	2,500.00
\$2,000 for care of campus.	
\$25,000 for general repairs.	

For maintenance of Elliott hospital, \$50,000.00.

IV. For Agricultural department, St. Anthony Park.

\$1,000 for soil inspection.
\$4,500 for purchase of live stock.
\$1,000 for horticultural crops.
\$2,000 for study and investigation of injurious insects.
\$1,000 for care of campus.
\$5,000 for breeding field crops.
\$4,000 for support of Forestry school.
\$1,000 for study of drainage problems.
\$400 for study of plant diseases.

V. For maintenance of Crookston school of Agriculture, \$12,000.00.

VI. For support of sub-experiment stations—

at Crookston, \$8,000.00.
at Grand Rapids, \$7,000.00.

The College of Medicine and Surgery.

This year marks the completion of the unification of medical education in Minnesota and the complete assumption by the State of responsibility for furnishing its citizens their sole opportunity, within the State, of securing a medical education.

It is a critical time in the history of medicine. The wonderful strides made in the past few decades give earnest of a still more wonderful future of the healing art. The Regents have recognized this fact and in their newly adopted policy of placing one department at a time on its feet, they have made request of the Legislature for provision for this college for a number of years to come.

The plan which has been adopted make provision for the two colleges of the University most cramped for room—the colleges of dentistry

and pharmacy; the faculty of both these colleges have conceded the wisdom of the plan and are ready to back the proposition as a whole.

The \$200,000 asked for the anatomy building which was burned, will not only make provision for that department, but also for the departments now housed in the Medical Science building, making that building available for the college of dentistry.

The \$200,000 asked for a new building to take the place of Millard Hall, which is to be assigned to the college of pharmacy, will provide for the medical work that is now being done in that building and will allow a readjustment of the work of the various departments and will make provision for future expansion of the work of the college.

The \$40,000 asked for remodeling the Medical Science building and fitting it for the use of the college of dentistry, will give that college, which is now actually turning away students, an opportunity to take all students who come prepared for the work and give them, and the students that are now being admitted, adequate care and instruction under conditions that obtain in well regulated offices.

\$40,000 is asked for to help in erecting Elliott hospital for which the Elliott bequest provided \$114,000. This building will be erected as an administration building and will eventually be surrounded by hospital pavilions.

The policy adopted provides for the grouping of the work of the medical department on the new campus and makes possible the program which the faculty have in mind of making the University medical department the consulting laboratory of the medical profession of Minnesota.

It is a program on a scale adequate for years to come and which will allow of additions, as they are needed, so that a harmonious and convenient whole shall finally result.

THE DENTAL COLLEGE.

No college in the University is so cramped for room as this college. The state has assumed the responsibility for dental education and proper provision for such education follows

as a matter of course. The policy which has been adopted by the Regents makes adequate provision for this college. The feeling of the dental faculty in regard to the matter is voiced by Dean Owre, in the following statement:

"Governor Lind recently gave utterance to the following statement: 'No department can become greater than the whole; the University stands first and the department second; the Regents have in mind the building up, in the interests of the State, one great, unified, efficient whole.'"

The general happiness and well being of the American people is at least to some measure due to good dentistry; the safety and continuance of the nation depends largely upon the general health of the body, and that, more than is generally recognized, depends upon a proper condition of the teeth. Without going into detail, good dentistry is of the utmost value to our economy. There are several forces working in harmony to attain this end but chief among them should be the University.

Considering the youth of the institution and the equipment, a great deal has been accomplished, especially in good teaching. This activity must be augmented by encouraging more research if the college is to be of the greatest service to the State and humanity.

The college has been severely handicapped for the past eight years owing to lack of room and modern equipment; it is now actually refusing admission to about twenty-five students every year. A great deal of new equipment is absolutely necessary. Assured of these things the college can accomplish something of great credit to the State.

The college faculty cheerfully acquiesces in the program adopted by the Regents which assigns the Medical Science building, now occupied by the colleges of medicine and surgery and pharmacy, to the college of dentistry. \$50,000 will place this building in shape to meet the needs of the college.

THE COLLEGE OF PHARMACY.

While the program adopted by the Regents does not altogether meet

the desires of the faculty of the college of pharmacy, nor that of the profession in the State, yet they have cheerfully conceded their personal preferences in the interests of harmony and the best good of the institution, as a whole, and the interest of the State as well. The pharmacy alumni can do their best to help along the general program with full assurance that they will be following the advice of their college faculty.

THE COLLEGE OF EDUCATION.

The Legislature of 1905 directed the establishment of a teachers' college at the University, which was organized the following year. More recently, at the request of the faculty, a small school for observation and practice was started. Even the poor facilities which alone have so far been possible have proved the value of this kind of work, and the school men of Minnesota, principals, superintendents, and normal school presidents, have united in a petition to the University authorities and to the Legislature for the erection of a suitable building to house the college and an adequate practice and observation school.

The normal schools of the State have long had in their model schools the best means of a practical training for elementary teachers, and the heads of those schools have been among the first to recognize the need and to join in the demand for a corresponding school of secondary grade to enable the college of education to train more effectively the future high school teachers and principals. The great body of county superintendents have joined in this request, because the mass of the country school teachers receive their most advanced training in the high schools, and the University can directly help them in their work by furnishing better secondary teachers. City superintendents are a unit in asking that the practice work of the prospective high school teacher be done in a special school established for this purpose and not, as at present, scattered through two hundred high schools of the State, with the resulting lowering of efficient teaching of all their pupils.

The State is granting three hundred thousand dollars annually to public

high schools. Less than one-tenth of this sum devoted in addition to the training of high school teachers will return five-fold in increased effectiveness of the work.

The United States Commissioner of Education reckons practice and observation work the one great need of today in the training of high school teachers. Other universities are rapidly supplying these facilities. Columbia, Chicago, California, and all the great state universities of the Mississippi valley have made or are making now, provision for this work. Wherever organized these schools have been an unqualified success, attracting more than sufficient pupils of the right type, and at tuition fees which cover a large part of the expense.

The Regents have said to the Legislature that a building for the college of education is unanimously requested by the school men of the state and that professional opinion is a unit in asking that in it a practice and observation school be established, and that for this purpose an appropriation of \$150,000 is necessary, and that an annual allowance of \$25,000 is needed, unless the request for a half-mill tax be granted.



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NOTE.

This issue being devoted to presenting the needs of the University, we have been obliged to cut other news to the barest mention of the most important matters.

Estimated Receipts and Current Expense Expenditures for the Fiscal year ending July 31st, 1909.

RECEIPTS.	
From grants made by U. S. Government &c approved March 2nd, 1861, and July 2nd, 1862, being interest on bonds of various States in which the resulting funds are invested	\$57000.00
Interest on Bank Deposits	500.00
U. S. Treasurer—Morrill Bill	15000.00
U. S. Treasurer—Nelson Bill	10000.00
From State Appropriations:—	
Direct Appropriation	165000.00
23-100 of one mill Revenue Tax	235000.00
State Institutions Fund Interest	16542.92
From the University:—	
Fees University	159000.00
Dental Infirmary Receipts	15000.00
Miscellaneous Receipts University	1500.00
School & Station Receipts	23000.00
Total Receipts	\$707842.92
EXPENDITURES.	
Total Pay Roll Year 1907-8.....	\$323548.26
Increase on 10 months 1908-9—Average \$4235	42350.00
Increase on two months 1908-9—Average \$2100	4200.00
Total Estimated Pay Roll 1908-9.....	\$370100.00
Bills for Supplies 1908-9	126000.00
Bills for Fuel	38000.00
Total estimated expenditures	\$734100.00
Estimated excess of expenditures over receipts	\$26257.08
Direct appropriations for special purposes..	67500.00
Disbursements for same—salaries 9500.00 Bills	58000.00
	67500.00.

BETTER GO SLOW.

The bill that has been introduced into the Wisconsin legislature, providing for the government of all the educational institutions in that state by a board of three salaried men, has caused some comment as to whether it would not be a wise plan for Minnesota to adopt.

This is a question that will doubtless come up some time in a form so that it must be fairly faced and answered; but we can see no good reason for Minnesota's undertaking such a great departure from established precedents without further time to consider and learn from the experi-

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ence of others. The question is fairly before the people of Wisconsin and they must answer it. If they decide that it is worth trying, Minnesota has but to watch the progress of the experiment in that state to learn whether it is a desirable change.

Where such a radical change is proposed, Go slow, is good advice. We believe that this represents the feelings of most of those who have given the matter any considerable thought.

WILLIAMS SIGNS CONTRACT.

The Athletic Board of Control has made a new contract with Dr. H. L. Williams, as coach of the football team, ending January 1st, 1910. Dr. Williams receives \$3,000 for his year's work under this contract. He has accepted the terms and will remain as coach for the coming football season.

DEAN COMSTOCK PROTESTS.

The note in the last issue of the *Weekly*, that Dean Comstock was in favor of the women organizing a track team, was absolutely without foundation. The substance of the note was taken from the *Daily* which related the details of the plan with so much particularity that we had no idea that the story was without foundation.

The track will be given over to the use of the young women at certain periods for their use in running as part of their work in physical culture. The *Weekly* regrets having been led into such a blunder.

TO ORDER TRACKS COVERED.

Senators Elwell and Fosseen introduced a bill into the Legislature last week requiring the Northern Pacific tracks through the campus to be covered at the expense of the road itself. The bill provides that, "The Northern Pacific railway company at its own expense is hereby required to cover its tracks thru the campus of the University of Minnesota in such a manner, consistent with the proper use and requirements of its railway, as will least impair the safety and use of the campus, protect the property of the state from

injury, and cause the least annoyance and interruption of the work of the University."

DR. TOMBO'S ADDRESS.

The Fourth Dutch treat lunch was signalized by the presence of Dr. Rudolph Tombo, Jr., of Columbia University. Dr. Tombo is adjunct professor of German at Columbia, teaching ten hours per week, mostly in the graduate school, and secretary of the General Alumni Association. Dr. Tombo told of the work the alumni are trying to do at Columbia to make their influence felt for the good of that institution. He is a very brilliant speaker and won the admiration of all who heard him. Among the many good points he made were the following:

Alumni influence is exerted not to receive good but to render service. The fraternal feeling among the alumni of the various institutions of the country means much for the future for they represent all that is best in ideals and action. Dr. Tombo insisted, with great emphasis, that university spirit is a thing independent of intercollegiate athletics and entirely independent of football. Columbia has had no football team for several years and attendance has not only increased but there is a better university spirit there today than ever before. He told some of the trade secrets of his work at Columbia and closed with the words—"Life is a measure to be filled and not a cup to be drained."

Dr. Tombo spoke to the students in chapel and sounded a very similar note when he said that happiness is found in service, seeking the happiness of others rather than in seeking it for ourselves. President Northrop said to Dr. Tombo, at the close of his address, that the applause given him indicated an encore but that as it was not customary for orators to respond to encores he would thank Dr. Tombo for the pleasure he had given all who heard him.

PROFESSOR SANFORD'S PORTRAIT.

The portrait of Professor Maria L. Sanford, by Miss Grace McKinstry, is completed and suitably framed and hung in Alice Shevlin Hall. The

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tion of Kappa Kappa Gamma which committee of the alumnae association had charge of raising the funds desires to thank the donors who so generously contributed toward its purchase.

IMPORTANT ADDRESS BY PHELPS.

G. Sidney Phelps, '99, will be in Minneapolis over Saturday and Sunday, January 30th and 31st. Saturday evening he will speak at the University upon "Two Wars in Japan," drawing upon his personal experi-

REGENTS MEETING.

January 19th, the Regents held an important meeting. In addition to certain routine matters and some matters of minor importance, they voted to give the State Agricultural society the use of certain swamp lands on the University farm, for a period of fifteen years.

The question of abolishing the homeopathic medical college having been brought up, Dean Mann and Dr. Ogden having spoken upon the question, it was voted to make this a special order for the May meeting of the board.

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ences in Manchuria with the Japanese army and then leading up to the great conflict now on in that country, namely, the fight for national prosperity along commercial and moral lines. Sunday afternoon he will speak at the city Y. M. C. A., taking as his topic "Lights and shades in the Sunrise Kingdom." Mr. and Mrs. Phelps have been in Japan for five years and have returned home on a year's furlough. Mr. Phelps is engaged in work for the international committee of the Y. M. C. A. at Tokyo.

Dr. Wilde was authorized to nominate another man for his department for the approval of the board at a later meeting.

It was voted to employ a head nurse and three assistants for the hospital which is to be established soon at 303 Washington avenue southeast.

Governor Johnson was asked to have a bill prepared compelling both telephone companies to make connection with one interior system for all state institutions where it is desired.

Voted to ask for an additional ap-

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propriation of \$5,000 from the legislature, for creamery field work.

The claim of Mr. Barnard, for \$300 for locating University lands in 1855 was referred to the Legislature with request for consideration.

Cass Gilbert was employed by the board at a total compensation of of \$10,000 to make a re-study of his prize winning plans for the purpose of securing plans that can be adopted to govern in the future development of the University campus and erection of buildings. Of this \$10,000, \$5,500 has been contributed by Messrs L. S. Gillette and F. W. Clifford, of this city. The contract that has been entered into under terms which provide for a very full and careful plan covering all details necessary to secure the most artistic and practical results. It is also provided that the board may require the construction of a plaster of paris model, on a scale of one inch to twenty feet, showing buildings in relief. The board pledges itself to try to secure for Mr. Gilbert the contract for designing two or three of the buildings first needed so as to establish a general type of architecture to be followed in all future construction.

OF GENERAL INTEREST.

Professor F. L. Washburn was recently elected president of the National Association of Nursery Inspectors.

The Philomatheans, representing the department of agriculture, won over the Law literary society recently in a debate involving the desirability of government guarantee of bank deposits.

It is said that the dental students will all walk home at the close of the college year, not because they have not the price but because they are inspired so to do by the recent feat of their dean.

The Gopher defeated the Ripon

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college basketball team, January 16, by a score of 41 to 7.

The Gopher defeated the Illinois last Friday night at basketball by a score of 18 to 17.

Minnesota will meet Chicago on Northrop field October 30.

Captain Sigerfoos has been ordered to rejoin his regiment at the close of the present college year. Captain E. L. Butts, Ex-'88, may be detailed to succeed him.

PERSONAL ITEMS.

James McIntyre, '99, Law '01, is operating a general store and is postmaster at Wecota, S. D.

Annie G. Merrick, '98, is teaching history in the high school at Centralia, Wash.

Dana Parshall, '01, is at 55 Scott block, Winnipeg, Man.

Edith M. Patch '01, is to be addressed at 13 East Avenue, Ithaca, N. Y., for some time to come.

Mr. and Mrs. John G. Robb announce the engagement of their daughter, Laura Mae to Dr. Stephen Henry Baxter. The engagement was announced to a group of Miss Robb's close friends at the annual Christmas party of the Alpha Phi sorority.

A. W. Schoepf, Eng. '08, is said to be with the Washington Water Power company at Spokane, Wash.

J. F. Sheran, Law '01, is located at Ipswich, S. D., and is practicing law and doing a real estate and loan business. He is in partnership with J. W. Arnold.

Mary Shiely, '08, is spending the year at her home in St. Paul.

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William Woehler, Eng. '08, is said to be with the general electric company of this city.

Alma Aldrich, '06, principal of the Rushford high school had a paper before a German round table of the recent state teachers' association, upon How to create a German atmosphere.

Dr. T. J. Maloney, Med. '01, is an attaché of the American embassy at Vienna, Austria. He was among the first to go to Sicily in response to the call of the king for surgeons to treat the earthquake sufferers. He was released of his duties at the embassy that he might respond to the call. Mrs. Maloney accompanied her husband on the trip.

Marshall D. Snedcor, ex-'91, visited the University recently for the first time since he left in the spring of '90. Mr. Snedcor is agent of the Western Union building of Chicago, and is enjoying life.

ERIKSON'S ARTICLE.

Dr. H. A. Erikson, of the department of physics, who is spending the year in graduate work in England with Professor Thomson, published in the December number of the Physical Review, an article upon the Ionization of gases at high pressures, the experiments covering pressure up to 6,000 pounds per square inch. The paper is too technical for explanation to the average layman but has its scientific value. The conclusion reached by Dr. Erikson is that the ionization produced by the rays is quite independent of changes undergone when gases are changed into liquids and when it passes through the critical temperature and pressure.

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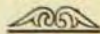
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VOL. VIII

February 1, 1909.

No. 19

FIFTEENTH BIENNIAL REPORT.

Extracts from the Report of Hon. John Lind, President of the Board of Regents, Covering the Years 1906-07 and 1907-08.

The balance on hand to the credit of the general university fund, August 1st, 1906, was \$72,180.23. The total receipts for the fiscal year ending July 31st, 1907, were \$540,154.57, making the total amount available for that year, \$612,334.80. The expenses for the year were \$537,771.54, leaving a balance of \$74,563.26, indicating that the expenses were \$2,383.03 less than the income for the year.

The balance on hand August 1st, 1907, was \$74,563.26, the total income for the year was \$670,556.76, making a total of \$745,120.02, available for the year. The expenses for the year were \$686,588.14, leaving a balance, August 1st, 1908, of \$58,531.88.

This indicates on its face that the expenses exceeded the income by only \$16,031.38 in the fiscal year ending July 31st, 1908, but an analysis of the items of the balance (as shown in the tabulated statement) shows that the receipts for that year were swelled by the apportionment to the University of an extraordinary distribution of interest from the State Institutions Fund amounting to \$16,542.92. Deducting this sum from the gross receipts the ordinary income for that year was \$654,014.84. The expenses of the year exceeded that sum by \$32,573.30.

The large increase in attendance the present year, the necessary increase in expenses incident to this fact and to the general growth and

development of the institution makes it inevitable that the excess of the absolutely unavoidable expenses of the year will exceed the income by at least \$26,257.08.

To cover the probable excess of expense over income for the current year, there is available the balance on hand August 1st, 1908, amounting as shown to \$58,531.88, but this balance contains two items received from the Federal Government amounting to \$35,000.00 (\$25,000 under the Morrill bill and \$10,000 under the Nelson bill) which, by reason of the fact the year of the Federal Government ends one month earlier than that of the State, were paid to the University before the end of the last fiscal year and have been, for the purpose of bookkeeping, carried as part of the receipts for that year, but as a matter of law those appropriations are only available for the current year and they are included in the estimated receipts for this year, so that the apparent balance of \$58,531.88 should be reduced by \$35,000 leaving \$23,531.88 as the real balance on hand August 1st, 1908, available for the current year.

It will thus be observed that the Board of Regents entered upon the work of the current year with an income for the maintenance of the institution much below its indispensable requirements and with a deficit at the end of the year threatened. While the writer of this report was not a member of the Board during the time in which the expenditures of the last fiscal year were principally incurred, careful investigation convinces him that the like painstaking economy was exercised by the Board as then constituted as is the endeavor of the present Board.

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Vol. VIII

No. 19

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Minnesota Alumni Weekly
The University of Minnesota,
Minneapolis.

E. B. JOHNSON, '88, Editor.

HARRY WILK, '12, Advertising Manager.

COMING EVENTS.

The Junior ball will be held February 11th.

The annual meeting of the General Alumni Association will be held February 19th at six o'clock at Donaldson's Tea Rooms. See announcement elsewhere.

THE ANNUAL MEETING.

The annual meeting will be held this year on the 19th of February, Friday evening, so as to permit out-of-town alumni to attend. The University glee club will be there and will give a concert from 6:00 to 6:30 and dinner will be served promptly at 6:30. The glee club will sing several songs during the progress of the dinner. The business meeting will be completed during the dinner hour. The new business will be presented in the form of resolutions and reports

of officers will be limited to very short statements of the most important matters of interest during the past year, fuller reports being published in the Weekly later. It is expected that dinner will be out of the way and the program of toasts be begun by 8 o'clock. The program of toasts is not yet fully completed but it will be short and yet there will be opportunity to hear several men who have messages and who know how to make them short and to the point. The whole meeting will be over not later than 9:30. The artist's drawing showing the prize-winning plans for the new campus, will be on exhibition. It is hoped that the plans for the new men's building may be secured for the occasion.

ACADEMIC ALUMNI

ATTENTION.

As soon as the annual meeting is out of the way there will be issued a call for a meeting of the academic alumni for Alice Shevlin Hall some Saturday evening. Preparations will be made and announcements given through the Weekly and the city dailies. It is quite likely that the meeting will be held on the evening of March 20th, but the date has not yet been fixed. Keep the matter in mind and be prepared to turn out when the notice is given. It has been many years since this association has had a meeting that has been more than a mere formality and we want to make this a live one.

THE BLACK LIST.

The students of the college of science, literature and the arts have been very much stirred up over the faculty's action in publishing a "black list," and many and loud have been the complaints of the injustice of such a list.

The list includes the names of six hundred students who have been reported by one or more instructors as being "on the ragged edge" in their semester's work. Inquiry indicates that the names on this list represent students who are simply behind in some small part of the work of some particular subject as well as those of students who are due to fail in all their work, the number of delinquent subjects being indicated in each case.

While it may be outside the province of the Weekly to make comment upon this list, we cannot help feeling that the principle of the thing is all wrong. We can see good reasons for the practice of the instructors in the medical college who get together and consult over the status of their students before making final report on their work. In such consultation justice can be done the student and in many cases an injustice avoided. In an open consultation many things beside the mere fact that there is a question as to whether A, B, or C, may or may not pass in some one or more subjects can be known and taken into consideration in making final decision.

The "black list" however gives no such opportunity and the student who is simply slightly delinquent in the work of some one subject is published in a list with the loafers and incompetents and in a degree classed with them.

GOVERNOR LIND BEFORE COMMITTEE.

President Lind, of the Board of Regents, was before the finance committee of the senate last week to present the needs of the University for more land for the campus. In the course of his remarks, he indicated that the Board of Regents had in mind a plan for the segregation of the sexes in the University; a plan to be worked out gradually as the construction of new buildings and the grouping of the same in accordance with definite plans, which they have in mind, will allow.

ADDS TO STRENGTH OF STATEMENT.

Last week we made note of fact that three reports made by experts to the Chicago Harbors Commission were Minnesota men, but we did not state the full facts in that we failed to state that these three men were the only experts employed for this purpose.

COMMITTEE OF THE WHOLE APPROVES.

The senate, in committee of the whole, took up the bills granting \$350,000, for the additional land for the campus and also the bill requir-

ing the Northern Pacific road to cover its track through the campus, and recommended them for passage. They are both on general orders now and will come up for passage soon.

MISUNDERSTANDING THE AGE LIMIT.

We have received a number of clippings from newspapers which seem to indicate that there is considerable misunderstanding of the age limit regulation recently adopted by the Board of Regents. To begin with, the age limit first fixed was based upon the limit which the Carnegie Foundation has fixed: this was afterward changed to 68. This simply means that when a professor reaches the age of 68 he must be retained by specific action of the Regents if he is to continue his work at the University. The idea is that it gives a chance to serve the best interests of the University without being a hardship to any professor. Under the provisions of the Carnegie Foundation, the professor who drops out at this age will be provided for in comfort for the rest of his life and it leaves the Regents free to retain any man for any length of time that may be necessary for the good of the University.

SALARY QUESTION NOT SETTLED.

The following taken from the first issue of the Yale Alumni Weekly, for this year, shows that Minnesota has still a long way to go.

"Apparently the University must not for a moment stop trying to raise professors' salaries. Human nature prefers, not necessarily to sulk, but at least to slumber in its tent, emerging only at long intervals to give a heave at the wheel of progress—and then contentedly retiring for another nap. Yale's own alumni may be napping at this very minute, because Yale's professors were recently raised to \$4,000; at Harvard the temptation to slumber is even greater, with the huge fund raised by Bishop Lawrence and others, acting as a sedative, and with the salaries paid therefrom running up to \$5,000 and higher. But in the meantime the regents of the West Virginia University, at their meeting in June, voted an increase of ten per cent. in the sal-

aries of all members of the faculty above the rank of instructor; and 'by the will of Senator Vilas the University of Wisconsin will ultimately receive his entire estate valued at between two and three million dollars. This will provides [among other things] for the establishment of ten professorships, each with a salary of not less than \$8,000 or more than \$10,000 a year.' This illustrates the way things are going at the State Universities and it reminds us cogently that salaries must eventually go up at Yale if she is to keep her place and her best scholars and teachers."

er told of what had been done along the lines of formulating courses in government for secondary schools; Professor Washburn spoke of the meeting of entomologists at Baltimore; Professor Schlenker told of the meeting of the Modern language association at Chicago; Professor A. B. White told of the meeting of historians at Richmond; Dr. Anthony Zeleny reported on the meeting of the American association for the advancement of science, held at Baltimore; Professor Clements reported on the meeting of the forestry association at Washington and also upon the Baltimore meeting; Dr. Sigerfoos

STATISTICS OF STATE UNIVERSITY LIBRARIES. 1907-08.

	Books in library	Added last year	Spent last yr for books binding and periodicals	No. of assist'ts	Total salaries
California	173,000	11,902	\$19,709	15	\$17,500
Illinois	108,383	12,437	34,714	30	18,972
Indiana	70,000	4,500	10,090	8	8,590
Iowa	72,300	5,176	4,250	6	5,120
Kansas	62,340	5,265	8,000	**6	5,050
Michigan	250,000	*18,507	26,500	32	20,000
Minnesota	120,000	9,976	19,129	**13	12,490
Missouri	\$101,563	9,013	11,546	**8	6,740
Nebraska	81,000	5,275	14,000	9	8,150
N. Dakota	26,421	1,537	2,823	**2	1,650
Ohio	80,000	4,822	10,000	**10	9,150
S. Dakota	14,000	1,500	2,500	**2	820
Washington	35,519	4,398	7,596	6	5,940
Wisconsin	135,000	13,000	33,293	**19	17,465

* Exclusive of duplicates in class libraries.

† Not including Bancroft Collection of about 30,000 volumes.

‡ Includes pamphlets.

** Not including student assistants or pages.

PROFESSOR SANFORD ILL.

Professor Maria L. Sanford is at the hospital ill from a relapse of the trouble with her ear for which she underwent an operation during the holidays. She started to work again too soon and her physician was obliged to order her to be taken to the hospital where she could be under the care of competent nurses and so that she would not be able to get back to work again too soon.

THE FACULTY CLUB MEETING.

At the meeting of the Faculty Club held Saturday evening, January 23d, at Donaldson's, the following named professors made reports on the mid-winter meetings attended by them. Dr. Robinson spoke briefly of the meeting of the American economics association at Atlantic City; Dr. Shap-

and Dr. Lee reported on the meetings of two of the branches of the A. A. S., meeting at Baltimore; Professor Flather told of the meeting of the American society of mechanical engineers and Dean James talked upon Industrial education.

CHAPEL CONDEMNED.

The Journal, last week, took occasion to roast the room which is used for chapel purposes at the University. While most of the strictures passed upon the room are more than justified by the facts, there is one notable and important exception—the chapel is not a fire trap. There are four exits from the room and many windows that could be used in an emergency. The floor of the room rests directly upon a concrete floor and there is no furniture except the

seats to burn and it would be next to impossible for a fire to get started in the room. It is true, however, that to attend a lecture or entertainment of any kind in the chapel, one takes his life in his hands for here one must either smother for lack of ventilation or run the risk of contracting pneumonia. The University needs an administration building and chapel and doubtless both will come in time.

LAURA FRANKENFIELD AS "ASE."

Laura Frankenfield, '94, will be at the Metropolitan theatre, in this city, February 7th, in a leading role in Peer Gynt. Miss Frankenfield, after graduating from the University, attended the Manning school and graduated there. Afterward she was with travelling troupes on the road for a number of years and finally at the head of her own troupe playing Ghosts. She heard that Louis James intended to take up Peer Gynt, she went to New Rochelle, the summer home of Mr. James, and told him that she had come to get the part of Ase in Peer Gynt. She was up in her lines and was given an opportunity to show Mr. James her ability and before she left him she was booked for the part. Miss Frankenfield has great natural ability and she has been an indefatigable worker in her profession and that she has won out will be a source of great gratification to her many University friends.

MOSTLY MINNESOTA MEN.

The Young Men's Christian Association of Duluth has arranged for a course of lectures upon agricultural subjects. The lectures are mostly given by University men and the course includes:

Professor Andrew Boss, A. J. McGuire and John H. Bray, who addressed a meeting which was held January 22nd.

January 29th, Professor Coulter spoke upon marketing farm products.

Professor T. L. Haecker is to be heard on the 12th of February upon the dairy cow on the farm and at home.

February 26th, Professor LeRoy Cady will talk upon home and market gardening and horticulture.

Drainage and farm surveys will be the topic of Professor J. T. Stewart, March 12th.

Professor A. H. Kohler will talk upon potatoes and root crops on the 26th of March and Professor C. P. Bull upon grass crops, on the 9th of April. The course will close with a talk by Professor E. M. Freeman, '98, upon farm botany and plant diseases, April 23d.

ARCHITECTURAL DESIGNS.

The Weekly has received reproductions of architectural designs made by the students of Professor Fred M. Mann, of Washington University, St. Louis, Mo. These designs fill twelve separate sheets and show some exceedingly interesting work. Professor Mann established the architectural course at Washington and has been in charge of it since.

PATTEE IN DAKOTA.

Dean Patee was invited to make an address before the state bar association of South Dakota January 21st. The address given was upon the ethical basis of jurisprudence and was delivered before the members of the state bar association, including the full supreme bench and both houses of the legislature. Among the members of the supreme bench was Judge Charles S. Whiting, Law '89; Samuel C. Polley, Law '90, secretary of state of South Dakota, was also in the audience. The address was well received and the dean received many hearty expressions of appreciation. Judge Whiting, who is president of the bar association, made an eloquent address upon professional ethics.

Judge Daniel Fish has just finished a course before the senior laws and this week John W. Willis, Ex-'78, will give his course upon Lawyers, ancient, medieval and modern.

OPTICAL MINERALOGY.

Professor N. H. Winchell, late state geologist and formerly professor of geology in the University, and his son, Alexander N. Winchell, '97, now professor of mineralogy and petrology at the University of Wisconsin, have just issued, through D. Van Nostrand Company, of New York, a very complete and up-to-date text upon The Elements of Optical Mineralogy, with an introduction of microscopic petrography. The work is

profusely illustrated containing 350 text figures and 4 inserted plates.

When the work was first projected there was not a single text that was even moderately satisfactory in the English language, and though several have since been issued, there still remains a lack of comprehensive text to state principles, methods and data concisely and clearly in a single volume. Prior to that time the only available texts were a translation of a valuable German text which was not entirely satisfactory and several very excellent texts in the original French. The authors acknowledged their indebtedness to these French authors, particularly, for much valuable material. They make acknowledgement to Professor U. S. Grant, '88, for valuable hints and for the use of material used by him in his lectures to his classes at Northwestern University.

The authors are both teachers and have tried to put the material into shape to make it of the greatest practical use to the student and have brought the facts known to the science, strictly up to date. The book is brought out in the interests of a microscopic study of minerals and rocks.

The Index Press printed the book for Van Nostrand.

OF GENERAL INTEREST.

Professor A. E. Haynes, of the department of engineering mathematics, has an interesting article in the January number of *School Education*, upon the transmutation of the sun's energy.

Professor John M. Coulter, of the department of economics, recently talked to the Boosters' Club of Stillwater, taking as his topic, Co-operative markets.

In a recent number of the *Labor Review*, Professor R. V. Phelan discusses the question, Is the American association for labor legislation friendly to organized labor, taking the ground that the answer is in the affirmative.

ANNOUNCEMENTS.

Mr. and Mrs. Charles L. Viles, of Waltham, Mass., announce the engagement of their daughter, Elizabeth Hubbard, to Arthur A. McBride, '00, of Bombay, India. The wedding will take place in Bombay in February.

Mr. and Mrs. John B. Gilfillan, of this city, have issued invitations for the

wedding of their daughter, Rebecca Janet, to Edward Strong Avery, of New York City. The wedding will take place February 3.

Mr. and Mrs. Fred B. Snyder have announced the engagement of their sister, Miss Elizabeth W. McElroy, to Henry B. Avery, of this city. The wedding will take place in February.

The engagement of Miss Barbara Haug, daughter of Mr. and Mrs. F. H. Frerker, of Duluth, and Dr. W. W. Lewis, '02, of St. Paul, has been announced.

NEWS FROM THE MISSIONARIES.

The following notes are taken from recent letters from Minnesota men and women in various mission fields.

Minnie Rank, '05, has recently been transferred from Singapore to Kaula Lumpur, F. M. S., to fill a vacancy until conference time, though she may be retained in her new work for another year. She has charge of a small boarding school and assists in the work of the day school, two teachers having charge of 125 girls in all.

Luella Huelster, '06, is located at Nanking, formerly the imperial city and literary center of central China. Among the interesting things to be seen are the Ming Tombs and the abandoned examination halls with seventeen thousand stalls in which China's ambitious manhood throughout the centuries assembled to give evidence of their painfully acquired learning. There is a considerable of a missionary colony at Nanking.

Paul Doeltz, Ex-'99, who afterward graduated at Princeton and went to the Philippines, is in the city visiting after seven years' foreign service. Last Tuesday night he lectured upon the Philippines at the Oliver Presbyterian church. While in the Philippines he was stationed at Iloilo.

Francis Guthrie, Ag. '03, wrote in September, that they were planting peanuts, potatoes and corn between the showers and the stumps. He has over three hundred boarding pupils and about 500 altogether. 100 of this number are studying German, the language of the colony. The boarding pupils work three hours each day for their food. He has about sixty girls in the number and says that if anyone wants the privilege of caring for them let them apply by cable. Recently he taught one of the

boys how to sharpen a pit saw. He did all right while he was being watched, but as soon as his teacher turned his back he undertook to improve upon the method with the result of a spoiled saw. One day Mr. Guthrie left some negatives to soak in cold water and when he came back into the room he found that the dish had been used to cover a kettle of boiling water. One must order a new stock of patience every day if he would have any left at night. Last May Mr. Guthrie spent two days hunting big game and returned with two elephant tusks six feet long and each weighing 110 pounds. The tusks are on exhibition to all of Mr. Guthrie's friends who want to call and see them. "The Alumni Weekly is ever a welcome visitor even if it is two months old before it reaches Africa's west coast."

Perry Hanson, '99, writes from Taianfu, China:—China is experiencing a wonderful awakening. Thousands of schools have sprung up in the interior of China during the past few years. Mr. Hanson has direct charge of the intermediate and high school work of Taianfu and superintendent of seventeen day schools, with a total enrollment of over 300. One of these small schools is capable of making great changes in the life of the village. The dense ignorance, dirt and poverty that you meet in the ordinary village is simply appalling and is what Confucianism has done for China. Though the enrollment of a school in one of these small villages is small it changes the whole life of the village for through the few the many come into more or less close touch with that which gives them an inspiration for something better. "Last night the papers contained an edict calling for careful preparation on the part of the people for there would be a Parliament granted in eight years."

PERSONALS.

Mrs. J. A. Barton (Helen Currer, '02) was elected county superintendent of schools of Lake county last fall and has just recently entered upon the duties of that office.

Dr. and Mrs. P. H. Bennion have recently moved into their new home at 1812 Selby avenue, Merriam Park. Dr. Bennion was a member of the class of '02 in medicine and Mrs. Bennion was Edith Snell, '01.

Vera D. Billings, '08, has recently gone to Jordan, Minn.

Polly Bullard, '06, is teaching at Eveleth, Minn., her home is in St. Paul.

Helen L. Clarke, '01, is now Mrs. John B. Sanborn, and lives at 187 E. 9th street, St. Paul.

Grace Davis, '02, who is given in the directory as living at Denver, is said to be Mrs. Dwight Tallman, and to be engaged in missionary work, address not known.

Barry Dibble, '03, has opened an office as electrical and mechanical engineer in the N. Y. Life Bldg., St. Paul.

Captain R. C. Dewey, '02, has been transferred from Philadelphia to the naval station at Port Royal, S. C.



THE STANFORD TWINS.

Our attention was called to the above picture last spring and we cured the permission of the parents, Mr. and Mrs. Harold M. Stanford, both of the class of 1898 (Mrs. Stanford was Mary Olson) to use the same in the Weekly this fall. The little girls, Beth and Ruth, had planned to use the picture in the five years old the 19th of last issue of the Weekly and the fourth and the boys, Paul and Neal, was nearly ready for the press when we received word that Paul died last Saturday morning. Nothing but the fact was stated, the letter gives particulars. We are sure that we voice the feelings of the alumni when we extend to the bereaved parents our sincere sympathy.

Tracy Fairchild, '05, is said to be engaged in the lumber business at Scanlon, Minn.

Sadie M. Fitzgerald, '06, probation officer of the juvenile court of this city, is to speak at the Ladies Reading Room society at its next meeting, January 28th, upon the work of the juvenile court.

C. G. Flanagan, '98, whose address is given in the directory as Sioux City, Ia., has moved and present address is not known.

Corydon L. Ford, Med. '90, has moved from Ann Arbor, Mich., present address unknown.

Richard M. Funk, Law '06, is city attorney of Bemidji, Minn.

John B. Hagan, '05, is superintendent

of schools at Renville, Minn. Last year he was located at Alden.

It has recently been reported that Arne Heidekker, Med. '02, died within a year after graduation.

Charles D. Hillferty, Eng. '06, is temporarily located at Dunkirk, N. Y.

Dr. M. J. James, Dent. '08, is not located at Mountain Lake, as stated in the directory. Present address unknown.

Joseph Janousek, Law '05, states attorney, has recently changed his address and is now located at Yankton, S. D.

Henry A. Johnson, Law '06, has recently moved from Sioux Rapids, Ia., to Crookston, Minn.

John A. Layne, '03, is states attorney of Wells county, N. D. He is located at Fessenden and is reported to be doing exceedingly well.

Dr. and Mrs. J. C. Litzberg left in December for several months' travel and study abroad.

Dr. A. L. Mathieu, Med. '05, has moved from Faribault, the address given in the directory. Present address unknown.

Samuel Olson, Law '95, has moved from Glenwood, Minn. Present address unknown.

Alfred E. Oman, '04, has moved to Hastings, Minn. Formerly of this city.

Edward C. Parker, Ag. '05, who went to Manchuria to take charge of a government experiment station at that place, is to be addressed at Mukden, Manchuria, via New York, London and Siberia.

E. W. Rice, Chem. '02, is superintendent of the Colonial Sugar Company's plant at Gramercy, La.

Abram Siemens, Med. '90, is not at Mountain Lake as stated in the directory, present address unknown.

Mr. and Mrs. George C. Sikes gave a dinner party for Dr. Burton when he was in Chicago recently on a lecturing trip. Dr. Burton was given an opportunity to meet several of the Minnesota alumni living in Chicago. Mrs. Sikes is president of the Chicago Association of Collegiate Alumnae.

Roy H. Smith, '06, has recently changed his address and is now living at 2732 Nicollet avenue.

M. A. Wiest, Min. '07, formerly of

Goldfield, Nevada, is now living in this city at 3300 Blaisdell avenue.

Mr. and Mrs. Charles S. Albert are rejoicing over a baby girl who was born on the fifth anniversary of their wedding.

Oliver Aygarn, Law '02, has removed from Halstad to Hettinger, N. D.

H. B. Ballou, Hom. '05, is on the staff of the hospital for the insane at Middletown, N. Y.

E. G. Boerner, Agr. '05, who has been in England in the interests of the U. S. Government work in connection with the standardization of grains, has returned to this country and is now to be addressed care of the department of agriculture.

Charles T. Conger, '90, is principal of the Kern county high school situated at Eakersfield, Cal., the center of the great oil industry of that state. The school has been converted into a polytechnic high school which will offer vocational training of the most practical character side by side with the usual academic work. Courses in woodworking, metal work, casting, forging, assaying, etc., have been introduced resulting in a greatly increased enrollment.

Albert A. Dodge, '91, Med. '94, has removed from Bridger to Great Falls, Mont.

Warren M. Dodge, '90, Med. '93, of Farmington, Minn., visited the University last Tuesday. Dr. Dodge has settled down in his old home town and has built up an excellent practice.

T. Robert Elwell, '95, has moved from Port Gamble, Wash., and located at Seattle, Wash., his address is Station E., Seattle.

Milton P. Firestone, formerly associated with T. D. O'Brien & R. A. Stone, has recently opened offices for the practice of law at 410-414 Globe Building, St. Paul, Minn.

Edward J. Gutsche, Chem. '02, who has been with the St. Paul gas company has gone to Flint, Mich., to take a position with the gas company at that place.

Mr. and Mrs. Henry G. Hanson, who have been at Harlem, Mont., have moved to Conrad, the same state. Mr. Hanson is in charge of a Presbyterian church at that place. Mrs. Hanson (Marion Cole, '05) is visiting in this city at the present time.

Judge C. A. Holt, Law '90, of North Branch, Minn., president of the Merchants State bank of that place, was at the University one day last week. Judge Holt has four boys and a girl and all of them are in training for the University.

Dr. and Mrs. J. E. Hynes are rejoicing over a new boy who was a week old yesterday. Dr. Hynes was a member of the '00 class in pharmacy and the '04 class in medicine; Mrs. Hynes was Martha Harris, '04.

A. Einar Johnson, Med. '03, who has been practicing at White Rock, S. D., has moved to Madison, Minn., and become associated with Drs. Giere and Thrane, who are also Minnesota men.

Dr. M. M. Jordan, Hom. '05, is on the staff of the hospital for the insane at Westboro, Mass.

H. V. King, Hom. '05, is located in the Dispatch Building, St. Paul.

John M. Lowe, Chem. '08, has returned to this city from Brush, Colo., and is living at 212 Harvard street, southeast.

J. V. McAdams, formerly a student at the University, is at 523 West 45th Street, New York City.

Mrs. H. C. Ide (Harriet McDonald, '07) is now living at 51 South 14th avenue, Mt. Vernon, N. Y.

Wayne H. May, Hom. '07, is now interne in the Metropolitan Hospital of New York City.

M. R. Melvin, Dent. '06, of Detroit, Minn., has moved to this city and opened an office in the Northwestern School Supply company building at the corner of 14th avenue and 4th street southeast.

Elias Rachie, of Wilmar, visited the University campus one day last week.

M. J. Rand, Hom. '07, is practicing at Sauk Rapids, Minn.

Homer Smith, Hom. '07, is located at Faribault, Minn.

Alma J. Trieloff, '07, is assistant principal of the high school of Battle Lake, Minn., and has charge of the work in English, history and German, and enjoying her work very much.

Dr. Joseph D. Waller, Hom. '05, is located in this city at the corner of Lake street and Minnehaha avenue.

ELECTRICAL ALUMNI NOTES.

J. W. Casberg, '08, has moved from Bear Creek, Mont., to Minneapolis.

where he enters the employ of the Electric Machinery Company.

W. L. Woehler, '07, who was reported as connected with a St. Paul company, has instead entered the commercial department of the Minneapolis General Electric Company.

Percy G. Sturtevant, '08, is in the Miniature Lamp Department of the General Electric Company. His address is 56 South 5th street, Harrison, N. J.

Frank A. Anderson, '08, passed through the city on his way east. He is general agent for a publishing house.

Harold G. Payne, '06, is at present with the engineering firm of D. C. and W. B. Jackson, 508 Commercial National Bank Building, Chicago.

Barry Dibble, '03, has opened an office as Electrical and Mechanical Engineer, 401 N. Y. Life Building, St. Paul.

J. Danner, '01, has recently been promoted to the management of the "Order Editing" department of the Western Electric Company, Chicago.

G. J. Houts, '01, has charge of the design of cabling for telephone exchanges built by the Western Electric Company. "About fifteen of the highest priced men in the department report to him."

A. L. McAfee, '08, has been at his home in St. Paul for some time in consequence of an operation for appendicitis. He has recovered and has reported for work again. He is in the Power Apparatus department of the Western Electric Company in Chicago.

W. R. Putnam, Academic '97, manager of the Red Wing Gas & Electric Company, is president of the Minnesota Electrical Association which meets in Minneapolis, March 18 and 19.

WISCONSIN, 14; MINNESOTA, 13

Last Saturday night the ancient enemies clashed in basketball on the armory floor. Wisconsin seemed to have the better of the game all thru the first part and even toward the end of the game the score stood 11 to 5 in her favor. Two new men went in for Minnesota and before the Wisconsin men were roused to the danger the score was tied and then in the last second of the game a Minnesota man in trying to prevent a free shot at the basket fouled a Wisconsin man and gave them the deciding score. It



J. D. ENGLE

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was a fine game and furnished one of the most exciting finishes ever seen in an inter-collegiate contest.

LEADING UNIVERSITIES.

The "Independent" has begun the publication of a series of articles upon the leading universities of the country. An article devoted to a single university will be published each month until the following named institutions have been written up—Harvard, Columbia, Chicago, Yale, Cornell, Princeton, Pennsylvania, Stanford, Johns Hopkins and the following state universities—Michigan, Minnesota, Wisconsin, California and Illinois. Mr. E. E. Slosson, a member of the editorial staff, was sent out to spend a week at each of the institutions to be treated so as to be able to give a comparative survey of these institutions as they are today. Dr. Slosson, who writes the articles,

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is a master of science of Kansas and a doctor of philosophy of Chicago and was for thirteen years professor of chemistry in the University of Wyoming.

The first number of the series, that on Harvard, was published in the Independent of January 7th. The article is well written and covers so much so concisely that it is hard to make a digest of the same, so we shall content ourselves by mentioning a few of the leading points made by Dr. Slosson and refer those of our readers who desire fuller information to the original article.

He recites the well-known facts that Harvard is the oldest and the leading university of the country. Omitting the summer school, which has unlimited possibilities for growth, it has grown little in the past ten years. Statistics show that Harvard is drawing from an even larger field than in the past for its students and that the junior and senior classes are growing while the freshman and sophomore are falling off, which does not please the authorities who make it as difficult as possible to transfer credits from other colleges for advanced standing.

Harvard is the hardest institution in the country to get into and the

easiest to get through once the student is admitted.

The Harvard faculty contains 19 of the first 100 men of science in the country today. Harvard has produced 237 of the first 1000 leading men of science in the country today.

Harvard has never underestimated the value of men nor sacrificed the faculty for the sake of better buildings. Aside from its magnificent medical group, Harvard has one of the least symmetrical and least homogeneous collections of buildings among the colleges of the country.

Harvard has always held to the old traditions and emphasizes the work of the college above that of the professional departments, and stands opposed to any scheme for allowing an overlapping of credits, insisting upon a full four-year college course and degree for admission to the professional colleges. It is becoming, however, a frequent practice for Harvard students to complete their college course in three years, fully a third of the students doing this. Harvard is also trying to solve the problem of how to reach the individual student—and with some success.

Harvard has led the country in matters educational for years. In administration also, other colleges have

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all gone to school to Harvard. President Eliot's administration began with the revolutionary free elective system and his administration closed with the scarcely less revolutionary departure, the establishment of strictly graduate professional schools, particularly in commerce. The new graduate school of applied science which takes the place of the Lawrence school, is magnificently endowed and will allow of instruction and research work in practical science never before dreamed of.

Harvard is said to have the largest college library in existence with over

than creative.

We shall continue to give, month by month, the main features of the articles upon the various institutions as they appear. The one devoted to Minnesota will not appear, probably for something like a year yet.

LAYMAN'S MISSIONARY MOVEMENT.

Lyman L. Pierce, '92, is secretary of the Layman's missionary movement which has as its definite object "to try and reach the whole world with the Christian message in this

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is known just as much by the clothes he wears as by the company he keeps; hence **TO BE WELL DRESSED** is one of the first essentials to social and business success. **Tailor-made Clothes**—our kind—give a man individuality, while all ready-made clothes have a distinctive sameness. You've noticed it! Our prices are reasonable. **\$25 to \$50 for Suit or Overcoat.** We will be pleased to have you call.

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800,000 volumes and the most inadequately housed library also. Harvard keeps up the fiction with greatest tenacity that Radcliffe is but an annex, but the summer sessions, which are open to both sexes, is rapidly breaking down the artificial barrier between the sexes. About seventy of the graduate courses at Harvard are open to women also. The students of the two departments have very little to do with each other socially.

While Harvard has many men whose names are seen often in print, their work is more largely critical

generation." The movement is a men's movement to organize the men of the Christian churches for the purpose of supporting the work necessary to evangelize the world in a generation. It has no new machinery to raise funds but works through the denominational machinery already in existence and, under the propelling force that has been already generated, the sums given to missions during the past year of hard times has been greater than ever before. The watchword of the movement was "we can do it IF we will," it is now "we can do it AND we will."

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KIND WORDS FOR GRAY.

In a letter to a Minneapolis man making inquiries concerning the Wisconsin Public Utilities bill, Mr. McCarthy, legislative reference librarian of that state, says—

"Professor Gray of the University of Minnesota is perhaps the most expert authority in the country in matters of this kind. We have asked his advice in Wisconsin for the last five years. If you write to Professor Gray he can tell you more about this work than I can. You are to be congratulated on having a man in your State University with the scholarship of Professor Gray and with such a practical view point in economics."

George A. Tuck, Eng. '05, has recently changed his address and is now to be reached through general delivery, Oakland, Calif. He is with the Viele, Blackwell and Buck company.

INTERESTING STUDY BY REED.

In the November number of the Bulletin, issued by the State Normal School at Moorhead, Minn., Professor Edwin T. Reed, '95, head of the department of English of that school, has a very complete and interesting paper upon the Use of literary masterpieces in the study of history. Mr. Reed takes the ground that the student may often get a truer conception of the real spirit and life of the time of which the various masterpieces treat, than from the dryest and most exact history ever written covering the same period. Professor Reed wields a convincing pen and makes out a strong case for his contention. He very pertinently asks what harm is done if the student takes Longfellow's poem of Paul Revere literally or whether he is taught that Paul Revere was held up by British soldiers and that his message was finally delivered by a young village gallant who just happened along in time to complete the work which the

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purposeful young Revere had done to arouse the colonies? Suppose, he says, that young student is asked to compare the poem with any historical authority upon the subject, will he ever forget the points of difference?

THE MINNESOTA ENGINEER.

The January number of the Minnesota Engineer will appear about Feb. 1st. This edition will be edited by Fred T. Paul, '09.

The editors have been successful in securing timely articles upon several phases of modern industrial life. Mr. C. H. Chalmers, Eng. '94, of this city has contributed an article upon "Engineering and aeronautics," which gives the progress up to date and suggests the future in this line of work. Mr. Chalmers has done much work in experimental work on aeronautics.

L. P. Zimmerman, E. E. '08, presents the subject of "Power development in the northwest" in an interesting and descriptive manner. This article shows to what an extent the water power in the west has been developed and also gives the undeveloped possibilities.

The number will be full of matters of interest to every engineering graduate.

WISCONSIN WINS.

Minnesota stands tied with Illinois and Iowa for second place in the debate circuit. Iowa was the only University to win both debates, while Minnesota was the only one to lose both. Wisconsin heads the league, having won from Nebraska.

Minnesota loses the entire affirmative team by graduation, but has some splendid material available. Carlson, McKinnon, Houck, and Prigge, are

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looked upon as next year's leaders. The Daily Illini of Dec. 12, said: "Mr. Carlson was the best speaker in the debate."

FOR THE JEAN MARTIN BROWN PARLOR.

Several beautiful pieces of furniture have been recently added to that in the Jean Martin Brown parlor of Shevlin.

Mr. Earl Brown, who is furnishing the parlor, has given a mahogany writing desk and chair, a buffet chair and divan, a Sheridan tea table and tray of mahogany, two oriental rugs, and irons and screen for the fire-place and a mahogany pedestal for a jardinière.

Dean Comstock says that this Brown parlor is the most beautifully furnished she has ever seen in an academic building.

Dr. Raymond Phelan, of the department of economics, has an article entitled "Guaranteed Deposits and Modern Economic Life," in the January issue of the Bankers' Magazine.

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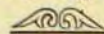
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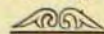
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VOL. VIII

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Vol. VIII

No. 20

Objects

To Unite the Alumni
To Serve the University

Published every Monday during the University Year, by the General Alumni Association of the University of Minnesota. Office, 219 Folwell Hall.

Entered at the P. O., Minneapolis, Minn., as second class matter.

Subscription price, \$2 per year, for all who have been graduated more than three years. To those who have been graduated less than three years, \$1.25 per year. A discount of 25 cents is allowed for payment before October 15 of each year. Hereafter there will be four magazine numbers each year.

Loose money sent in payment of subscriptions is at the sender's risk.

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Minnesota Alumni Weekly
The University of Minnesota,
Minneapolis.

E. B. JOHNSON, '88, Editor.
HARRY WILK, '12, Advertising Manager.

COMING EVENTS.

Wednesday, February 10th, 4 p. m., Chamber Music Concert in chapel.

Friday, February 12th, Graduate Club entertained by professors in Pillsbury Hall.

Saturday, February 13th, Ex-President Eliot of Harvard University will speak to the students at chapel time.

Friday, February 19th, Annual meeting of the General Alumni Association at Donaldson's.

Friday, February 26th, M. Poete, will lecture in the University chapel.

Week of February 8th, Laura Frankenfield, '94, will be at the Metropolitan with the James company, playing the part of Ase in Peer Gynt.

February 21st to 24th, Joe Blethen's ('91), play, The Alaskan, will be at the Metropolitan. The famous totem pole chorus is in this comic opera.

"WHAT THE ALUMNI CAN DO."

"An alumnus, to best serve the University, should be first of all a live member of the community in which he lives, and so far as possible a leader among his neighbors and talking State University on all proper occasions. Local and State politics should interest him, as it should all other good citizens, and finally when the University goes to the Legislature asking for appropriations to carry on its work in a manner befitting a great and wealthy state, he and his friends should be able to make their representatives in the legislature know that back home the constituents are intensely interested in the University, and that they think its appropriations should go through about as presented."—W. L. Abbott, '84, president of the Board of Trustees of the University of Illinois, in The Alumni Quarterly.

TO COVER RAILROADS.

The senate passed the bill requiring the Northern Pacific road to cover its tracks through the University campus and the bill has now gone to the House and will doubtless be brought up there soon. There seems to be practically no opposition to this measure and it is likely to go through almost any day.

THE CARNEGIE PENSION RESOLUTION PASSES.

Last Thursday afternoon the resolution relating to the acceptance of the provisions of the Carnegie Foundation for the Advancement of Teaching passed the House without

a dissenting vote. When it came out of committee with recommendation to pass, it was brought up for final passage and Representative G. H. Mattson, of Roseau, a graduate of Gustavus Adolphus college, made a ringing speech of a few minutes in favor of its passage and left no chance for opposition of any kind. This means much for the future of the University since it places the University upon the same footing as privately endowed institutions when competing for new men and in trying to keep what she now has.

This means a substantial increase in salary for every man in line for its benefits. The older men consider it more than a fifty per cent increase and a man thirty-five would consider it fully equal to a \$1,000 raise in salary.

PROGRAM OF THE SIXTH ANNUAL MEETING OF THE GENERAL ALUMNI ASSOCIATION.

(Absolutely Informal).

Guests of Honor—President Cyrus Northrop and Dean Frederick S. Jones.

Friday, February 19th, at six o'clock.

Donaldson's tea rooms .

Concert, 6 to 6:30—University Glee Club.

Dinner served promptly at 6:30.

Price per plate, \$1.25.

The alumni led by the Glee Club, will sing Minnesota, Hail to Thee just before sitting down to dinner.

Menu.

Cream of Tomato
Celery, Radishes and Bread Sticks

Chicken Fricassee
Mashed Potatoes
Maccaroni and Cheese
Olives, Rolls, and Mint Ice

Fruit Salad
Nut Bread Sandwiches

Maple Frango and Cake
Coffee, Salted Almonds and Candies

During the progress of the dinner the officers will make their reports.

President's report.

Secretary's report.

Treasurer's report.

Report of auditing committee.

Resolutions prepared by the Board of Directors will be presented.

Other business that may be brought up by anyone interested.

Program of Toasts.

To begin promptly at eight o'clock.

Toastmaster: Honorable Clarence C. Dinehart, '99, State Treasurer.

Honorable Edward T. Young, ex-'82, ex-Attorney-General, "Then and now."

Honorable N. J. Holmberg, School of Agriculture, '02, Representative from the 22nd Legislative district, "Agriculture and the University."

Honorable Samuel G. Iverson, Law '93, State Auditor, "Conserving the University's Resources."

Miss Josephine Schain, Law '07, and '08, "Co-ed Loyalty."

Dean Frederick S. Jones, of the College of Engineering, "The Forward Look."

President Cyrus Northrop, "The University and the Alumni."

The prize-winning campus plans will be on exhibition and, if possible, the plans for the proposed new men's building also.

Alumni living outside the twin cities, who are planning to attend this meeting are urged to notify the secretary at once so that reservations may be made for them. Postcard notices will be sent to alumni, living in the twin cities, some time during this week.

THE BLACK LIST.

The so-called black list is arousing much more comment and filling a much larger place in the public print than the facts warrant. The list was, we believe, a mistake. The end sought to be accomplished, which was in itself unobjectionable, might have been secured in other ways less objectionable.

The stories that the list drove two young women temporarily insane are without foundation. The large number of names in the list has been heralded both as evidence of undue severity on the part of the faculty and as evidence of a deplorable spirit among the student body. The facts seem to indicate neither the one nor the other. Certainly the University standard is not too high and we believe that the student body, as a whole is composed of earnest young men and women who are at the University for the purpose of improving themselves.

The facts are as follows: The list contains a trifle over six hundred names of students from the college of science, literature and the arts. Over three hundred of these names should never have been included on the list as they were reported by but one instructor as doing work that might not be quite of passing grade. Practically all of these will pass. Then there is a considerable number of students who are reported by two instructors who are just close to the border line between satisfactory and unsatisfactory work. Then there is another list of those reported by three or more instructors who are in serious condition. When the plan followed in admission is taken into consideration this is not a serious situation. The most serious feature of the case is the fact that most of these who are reported by several instructors could not have been looked after earlier in the semester

and either dropped then or warned so as to be able to bring up their work if it was a case of neglect.

Minnesota admits upon certificate almost exclusively, admission upon examination being almost unheard of. These certificates are signed by hundreds of different individuals under different circumstances. In some cases doubtless local influences have influenced granting diplomas which should never have been granted as a matter of right and justice. This being the case, the freshman class represents an almost infinite variety of preparation for college work. When admission is granted in this way there is but one thing to do, be very liberal about admission but hold up the standard of scholarship of the University to a standard that shall call for throwing out all students, early in the semester, who show that they have not had the preparation to do University work with credit to themselves or so as not to hinder the work of their classmates.

Harvard represents the other extreme—rigid entrance requirement but an easy time after the student is once admitted. If Minnesota is to continue to follow her present plan, the lines must be drawn even more closely than in the past and if this is done it will mean the dropping of even larger numbers than in the past, in which case the number dropped should be charged up to the preparatory schools rather than to conditions prevailing at the University.

MINNESOTA-MICHIGAN NOVEMBER 20th.

November 20th next, Minnesota and Michigan will again meet for a football game on Northrop Field. Since the historical contest of 1903 these teams have not met and since Michigan has dropped out of the big nine conference she has not met any of the western leaders in football and

has had two of the most disastrous years in her football history.

This news will be hailed with joy by lovers of the sport everywhere. It will also mean that the twin city football enthusiasts will have an opportunity to witness one of the best schedules in years. Chicago, Nebraska, Michigan on Northrop Field and Wisconsin at Madison will make the Gopher boys and their coach hustle to keep in the lead.

Minnesota is the first former conference team to schedule a game with the wolverines and it is not improbable that this may be the first step toward re-establishment of the old big nine arrangement with the big four within the big nine.

EX-PRESIDENT ELIOT TO SPEAK.

Ex-President Eliot, of Harvard college, will deliver an address at chapel Saturday, Feb. 13. In order to give the students an opportunity to hear a talk of more than ordinary length, the third hour classes on that day will be excused, and the 4th hour will be shortened.

POETE WILL LECTURE.

M. Marcel Poete, one of the most noted French lecturers, will give a lecture in the University chapel Feb. 26 on "Paris at the time of romantic authors." M. Poete is inspector at the public works in Paris and has made a special study of the period in French history on which he is to speak. The lecture will be given in French but it will be accompanied by stereoptican slides so that it may be easily understood by every one. This is the first time the University has had a chance to hear anything of this kind. The lecture will be given in chapel at 4 o'clock. Professor Benton will explain the Romance Movement Feb. 19.

ATHLETICS BRING BIG MONEY.

Treasurer Bren, of the athletic board of control, has just made public his annual report of finances of the association, which follows:

Financial statement showing receipts and disbursements for the year ending Jan. 23, 1909:

Balance Feb. 8, 1908.....	\$22,271.29
Receipts—	
Basketball	\$1,246.60
Baseball	836.60
Tennis	39.76
Indoor track meets.....	546.20
Intercolleg. conference.	210.75
Lawrence football.....	1,122.50
Ames football.....	2,566.81
Nebraska football.....	6,874.32
Wisconsin football.....	13,798.31
Carlisle football.....	12,015.33
Chicago football.....	8,252.00
Purity banquet.....	153.00
Interest	491.25
Miscellaneous	287.55
Total receipts	43,440.98

Total receipts including bal....\$70,712.27

Disbursements—	
Basketball and officials.	\$1,359.75
Baseball and officials..	2,048.85
Tennis	91.95
Track meets.....	851.50
Guarantees, football...	17,450.83
Officials, football.....	1,165.00
Salaries	5,617.57
Gate men and athletic attendants	755.01
Labor on Northrop field	918.09
Repairs on grandstand.	1,336.32
Swimming pool (balance on contract, \$2,000)..	3,000.00
Traveling expenses....	2,426.75
Insurance	433.27
Athletic supplies.....	4,696.40
Telephone & telegrams.	83.21
Purity banquet.....	250.00
Medals and badges....	230.00
Miscellaneous	166.84
Total disbursements.....	42,880.74

Balance on hand Jan. 23, 1909...\$27,831.53

The report indicates that football supports all other forms of athletics at the University. Basketball is nearly self-supporting, falling behind but \$100.

The board has set aside \$20,000 to be used for the erection of steel and concrete grandstands which will be needed in the not distant future and which will cost about \$40,000.

BARTON TALKS.

H. A. Barton, a social reformer from Idaho, lectures next Thursday before Dr. Raymond Phelan's stu-

dents in labor problems. Mr. Barton was formerly an organizer for the Western Federation of Miners, a union that has fought some of the most violent battles in the history of organized labor, and is an authority on his subject.

It will be of interest to the alumni to know that Dr. Coulter, of the department of economics and politics, is getting a hold on the agricultural interests of the state. He has paid special attention to marketing farm products. He recently addressed the convention of the Tri-State Grain Growers association at Red Wing on "The marketing of farm products." The result was the passing by that association, the next day of the following resolution: "Whereas it is the sense of this convention that the matters of marketing of farm products, are of great importance to the farmers of the country, we recommend that as a means to obtain enlightenment on these matters they be in the future classed among the most important topics of our consideration, and that the management be asked to obtain such information as they may deem advisable and that one-half of the regular sessions of the convention be set aside for this purpose."

TRIBUTE TO ARTHUR UPSON.

The Putnam's Monthly for February has a picture of Arthur Upson, a little sketch of his life, and a poem by Allan Updagraff entitled "Explicit Carmina Illius Poetae." "The Tides of Spring," a poetic romance by Upson, will be presented at the New Theater, Chicago, this week.

"THE ALASKAN" COMING.

"The Alaskan," a comic opera, from the pen of Joseph Blethen, '91, will hold the boards at the Metropolitan in this city February 21st to 24th.

This opera is in its second season and has received very high praise from critics where it has been produced. In this opera the famous totem pole dance is given and always makes a great hit. The scenery is said to be excellent and the parts well taken. The story is as follows:

It tells how Peter Harrison goes to Alaska in the first rush of prospecting. He discovers rich ground in an unknown district near the Tanana river, where mining will be impossible until a large ditch has been constructed to bring the water to a considerable distance. Harrison locates the water right, and proceeds to the coast in search of a partner who can help him build the ditch. His money running out, he takes up the trade of a packer as a temporary business, and becomes known as Totem Pole Pete, because of his unusual height. While acting as a guide he takes a contract to transport one Richard Attwater, who has been grubstaked by a Boston capitalist, into the interior. Attwater has a surveyor's transit in his freight. Attracted by that, Totem makes inquiries of Attwater and learns that he is skilled as a surveyor. Totem then decides that he will show Attwater the rich ground on the Tanana, and after getting him there will offer him the water rights if he will build the ditch.

Attwater readily consents to go to this secret place, but on the way there Totem breaks a leg. Attwater remains with him while it is mending. They make their camp in an Indian village, while Attwater prospects the neighboring streams and discovers gold. In spite of Totem's urgings that they push on to the secret Eldorado, Attwater insists on remaining for the season and working the find he has made.

Totem is forced to accept the position as foreman of this find. The

play opens on a clean-up day at Attwater's claim. Meanwhile the capitalist who grubstaked Attwater has died. His daughter has inherited the grubstake contract, and visits the mine in Alaska. This is not so much on account of the mine of which she owns half, but because of an old dream of her father's, that some day she and Attwater should make a match. Arlee is chaperoned by Mrs. Good Better Best and they go to Alaska under the protection of Dr. Meadowbrook Blazes, a collector for a celebrated museum.

During the clean-up a band of strolling players reaches the Attwater mine, for the purpose of giving a performance. Totem is in no mood for this, and being short of workmen, the players are forced by him to don miners' clothes and go to work.

Smallberry Strander, the comedian of the organization, learns of the arrival of Miss Eastman and represents himself as being Attwater. Arlee, disgusted with the man she thinks is Richard, presents her chaperon as herself and assumes the dignity of the chaperon. Attwater discovers the plot and is about to straighten it out when he learns his mine is a failure. Thereupon he allows the mistaken identity to stand, and introduces himself as the prospector. After the failure of the mine, Totem makes his long cherished secret known to Attwater, and the two leave for Tanana as partners. Miss Eastman has taken a house and decided to remain in Nome throughout the winter. Attwater and Totem come there to spend New Year's and at the reception the various threads of the tangle are straightened out with a happy prospect for all hands.

SAWYER HAS NEW SOLUTION OF PROBLEM.

Charles L. Sawyer, Law '97, member of the Legislature from the Min-

neapolis district, is an earnest advocate of the continuous public school session. In a recent interview in the Journal, Mr. Sawyer says that the idea which he advocates is growing in favor among educators. Colleges are coming to it and high schools are lining up the same way and the experiment has been tried with success at Bluffton, Ind. Mr. Sawyer's idea is to divide the school year into quarters and keep the schools open all the year with the exception of the usual vacations now granted and an additional three weeks in August. According to the plan parents will be required to have their children attend at least three of the quarterly sessions, making their choice of which three months of the year would suit them best as a vacation period.

"The winter period is unhealthy in the schools," says Mr. Sawyer. "Many children are kept out of school unavoidably for months at a time. Continuous session would give them opportunity to catch up in their studies. Older children have opportunity to find profitable employment in the fall and spring and under such a system would be able to take advantage of the opportunity. At present in the summer time so many hundreds of pupils are idle that there is employment for but a small share of those who need it.

"If one-fourth of the pupils should take vacations each term the school capacity would be increased just so much. So far as the teachers are concerned, their salaries are fair when considered monthly, but the three months' idleness brings down the yearly total to a point which requires many to seek summer employment. Continuous sessions would enable them to work nearly all the year if they so wished and the cost of instruction would not be increased."

ENTERTAIN LEGISLATORS.

The entire membership of the Legislature has been invited to share the hospitality of the co-eds of the University of Minnesota Wednesday evening, Feb. 17.

The young women have been actively seeking the special appropriation for a dormitory and have decided that an informal reception for the solons will do more to win their good graces than any lobbying they might carry on at the capital.

The faculty is completing arrangements for the entertainment of the Legislators and will hold a special faculty luncheon in Donaldson's tea rooms tomorrow, Tuesday, to discuss plans.

LITERARY UNION REVIVED.

A revival of the "Literary Union" of antiquity will take place Tuesday, tomorrow evening. It is to consist of all the men's literary societies in the University that are interested in intercollegiate debate. The prime object of the Union is to furnish a more stable organization and support to intercollegiate forensic contests. Several public programs will also be given during the year. The representatives of the respective societies on the debate board are urged to push the project in their own societies.

PSYCHOLOGICAL LABORATORY.

The psychological laboratory has recently received from London an Ellis harmonical and a companion organ which are of considerable importance to those interested in the science of music. The instruments were made expressly for Minnesota by Moore and Moore; and, so far as I know, offer the only opportunity in the country for direct comparison between the natural and the tempered scale on organs built otherwise ex-

actly the same. A number of other laboratories have the Ellis harmonical alone, but that instrument, constructed with the natural scale on the lines suggested by Helmholtz, loses a large part of its significance when direct comparison cannot be made with the corresponding tempered instrument.

The chords as played in the organs and pianos in commercial use are never in quite pure harmony for the ear. They are made slightly unpleasant by beats. The distinction between "a" sharp and "b" flat, for example, is not preserved, the interval of the fifth is flat and of the third sharp. The result is a rough, trembling, restless effect from these compromise chords. On the harmonical it is possible to get the pure, full, smooth, calm chords of perfect harmony. Helmholtz felt that the tempered scale which arose to meet the demand of music for modulation from one key to another tended to destroy the feeling for tone quality and for the predominance of the tonic chord on which modern music is founded. The harmonical was devised in part to preserve interest in the pleasanter and older natural temperament. The unusual agreeableness of vocal, string, or trombone quartets when not accompanying keyed instruments is due largely to their use then, of this natural temperament. The violinists, Joachim, Remenji, Popper, Ole Bull and others have been tested and it was found that they tend to strike the natural tones demanded by conscious harmony rather than the tempered tones.

Another objection to the tempered organ is that the combination tones, or additional tones which arise from the beats when two notes are sounded simultaneously, are slightly different from the corresponding actual tones of the instrument thus making the latter seem out of tune. This

disturbance is absent also on the harmonical. Indeed the main purpose of the little organ in the psychological laboratory is to study these combination tones, including both difference and summation tones.

The Ellis instrument can only be used for the key of "c" and yet it demonstrates clearly to even the untrained ear the factors that are lost in our piano and organ music of today. The mechanical difficulties at present make it impracticable to construct organs in natural temperament because it would take 72 keys to the octave if all the modulations possible on the tempered instrument were provided. Yet the demands of the skilled musicians for tonal beauty may, if persistent enough, in time call forth a keyed instrument which can give the purest harmonies. General P. Thompson built a clumsy "Enharmonic organ" in London about 1860 and there have been attempts at constructing pianos with just, or natural, temperament. These hold forth the possibility of preserving to music the best effects which are shown to be possible in the perception of tones and harmonics obtained from the voice, violin, and harmonical.

—J. B. MINER.

CATHOLICS WILL BUILD.

The Catholic students of the University of Minnesota will erect a clubhouse near the University campus this spring, at 1611 University avenue S. E.

The one hundred and fifty members of the varsity Catholic society have for years been without an adequate room for their weekly meetings and religious lectures and the features of the new clubhouse will be a large auditorium on the ground floor. Present at the meeting in the University Young Men's Christian association building last Thursday were influential alumni of the University Catholic

association and prominent laymen of Minneapolis who recognized the need of a club building for the Catholic students and who have pledged their support in the campaign to secure funds which will be commenced immediately and include requests for contributions from Catholic laymen throughout Minnesota.

The club building will cost approximately \$25,000, and pledges for one-fifth that amount have already been raised. The building will be two stories high and will face the campus on the east, overlooking the parade grounds. Plans and specifications for the structure are now being prepared by a Minneapolis architect.

A committee consisting of five undergraduate members of the association and seven alumni was appointed by President A. J. Hitzker of the student club to have entire charge of the erection of the building. Spiritual director of the association, Father James C. Byrne, will act in an advisory capacity to the committee.

A. J. Hitzker, president of the society, was chosen to represent Minnesota at the annual convention of Catholic students of the United States in Iowa City, Iowa, Feb. 23-26.

OF GENERAL INTEREST.

Secretaries E. C. Carter and Miss Wilbur, of the International Committees of the Young Men's and Young Women's Christian Associations, have been at the University during the past week raising money to insure the securing of a University pastor. They have met with considerable encouragement and the prospects for final success are good.

The swimming pool is opened at last and Dr. Cooke was the first man in the water.

Athletic board election is near at

hand and the students are busy hustling for their favorite candidates.

Last Thursday was senior day and the campus was dotted with seniors in their new caps and gowns.

Track work is going along briskly. Coach Grant is planning some interesting events and the boys are working with a will under his direction. A long distance race will be one of the features of the spring events.

Target practice is on in the Armory these days and much powder is being burned up and the boys are trying to break records.

Dr. E. V. Robinson will give a new course in general economics this spring to the law students. Work will begin on Friday of this week.

The University orchestra will go to Litchfield, Minn., to give a concert on the 18th of February.

The campus carousal, under the auspices of the equal suffrage association was held last Tuesday evening in Alice Shevlin hall. The price of admission was a piece of rubber of any size. A jolly good time was had by those who attended.

A twilight concert was held at the University last Friday afternoon.

It is said that forty University young women have signified their intention of entering the new school for nurses when it is opened.

THE MINNESOTA ENGINEER.

The second number has just been put on sale; the first article by Mr. C. H. Chalmers, E. '94, on "Aeronautics and the engineering profession." According to Mr. Chalmers, "Aero-



J. D. ENGLE

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navics" has now reached the point where it is ready for the trained engineer and he believes that aeronautical engineering will in time be given as a regular course in American colleges. Mr. Chalmers has come to the conclusion that the helicopter, or vertical screw machine, is the most interesting type for development. A description is given and a cut is shown of an outfit with which Mr. Chalmers has been conducting experiments.

Mr. H. J. Gille, of the Minneapolis General Electric Company, presents an article on "Business qualifications of the engineer."

Prof. B. F. Groat, E. '01, in his contribution, "New methods in backwater computations," applies a new formula for steam flows to the problem of backwater, and advances mechanical and graphical methods which greatly reduce the usual amount of labor necessary in order to obtain cross-section areas for various degrees of backwater. The "integraph," an instrument which draws the integral

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course of any given curve, is described.

L. P. Zimmerman, E. '08, has contributed an article on "Water power development in the Pacific northwest" which sets forth clearly and concisely the present status of the situation in this great water power territory.

John Howatt, E. '04, discusses the subject of "Residence electric lighting plants." He shows how the suburban home may be lighted by the utilization of the power of a wind mill, a water power or an oil engine. An estimate of the cost of a six horse-power equipment is given.

GOPHERS BEAT CORNHUSKERS.

Last Friday night the gopher basket ball team won from the Nebraska boys by a score of 24 to 17. The early part of the game was all in favor of the visitors and at the end of the first half the score was in their favor. Toward the end of the game the Minnesota boys seemed to wake up to the fact that something was expected of

them and soon had the game safely won.

Saturday night's game was won by the gophers by a score of 39 to 21.

CLASS IN MISSION WORK.

The Y. M. and Y. W. C. A. have joined in forming a class to study Minnesota men and women in the mission fields of the world. The purpose of the work is to arouse greater interest in missions through giving them a live interest because University alumni and former students are at work in the various mission fields. The course will consist of eight to ten lessons, each devoted to some special field and the Minnesota men and women already in that field.

The plan to be followed in each lesson will provide for a report upon the field, what has been done in the field and the needs of the field; with this will go a report upon the Minnesota men and women in that field and the particular work each is doing. Letters from many of these men and

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women have been received and will be read at the meeting devoted to them and the field they represent. A large amount of very interesting material has been gathered by the chairman of the committee and it is expected that the course will prove exceptionally interesting.

The following is a list of the alumni and former students whose work will be considered in the course:

India—B. M. Jones, '03; William L. King, '81; Dr. Martha Sheldon, '83;

Rank, '05; Jessie Brooks, '05.

In Africa—Francis B. Guthrie, Ag. '03; Seymour E. Moon, '00.

In South America—(formerly) Jesse C. Wilson, '82; Charles S. Williams, Law '04.

In Syria—James H. Nicol, '00.

In Turkey—John F. Merrill, '91, Ph. D. '94; (formerly) Susan H. Olmstead, '88.

In Mexico—Mrs. W. W. Wallace, (Mary McQuat, Ex-'89).

General Work—Lyman L. Pierce,

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In Japan—G. Sidney Phelps, '99; Mary Ward Phelps (Mrs. G. S.) '97; Clare A. Cross, '00; (formerly) F. H. Bassett, '87; Theresa Morrison, '02.

In Straits Settlements—Minnie

'92, secretary of the Layman's Missionary Movement, and Mary A. Parker, '03, principal of the Missionary Training school at Cincinnati, Ohio.

DR. McVEY ACCEPTS.

Dr. Frank L. McVey, formerly professor of political science in the University and for the last two years a member of the state tax commission, has announced his decision to accept

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the election to the presidency of the University of North Dakota. We congratulate Dakota on her choice of a man for the presidency and Dr. McVey upon the opportunity which is ahead of him in the work of his new field.

Dr. McVey is peculiarly well fitted to fill such a position, one calling for high ideals and scholarship and executive ability of highest order. All of these qualifications he possesses to an unusual degree.

We are very sorry that Minnesota is to lose the services of so able a citizen. He has done the state great service in his present position and Governor Johnson had already announced that he would reappoint him at the expiration of his term in April. It is going to be a hard task for the governor to find a man who can take up the work of Dr. McVey and carry it on in a manner as acceptable to the people of the State as Dr. McVey has done so far. In this connection it is rumored that Frank N. Stacy, '88, may succeed Dr. McVey, who will probably stay in his present position until next August.

LYMAN L. PIERCE HONORED.

Last Saturday noon, twenty-one members of the class of 1892 gathered at Donaldson's tea rooms for a luncheon in honor of Lyman L. Pierce, who is in the city in the interests of the layman's missionary movement of which he is a secretary. Mr. Pierce was congratulated by his classmates upon the great success with which he is meeting in his work and he told the members of his work while in Australia in the interests of the Y. M.

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C. A., a position he held for some two or three years. All but two members of the class who could be reached and were detained by unavoidable circumstances, were present. This was an extra meeting for the class which has never yet missed an annual reunion. Two of the members present last Saturday have never missed a meeting of the class in the seventeen years that have intervened since graduation—Florence J. Rose and Everett B. Kirk. Everybody present voted the occasion a complete success.

MRS. BURTON'S NEW PLAY IS ACCEPTED BY FROHMAN.

Mrs. Richard Burton has had a play accepted by Daniel Frohman, director of the famous Lyceum Theater, New York.

Mrs. Burton is at present in New York deciding upon a suitable name for the play and settling other details. The play is a three-act comedy dealing with New York society life. The premier performance is to be given in New York early in the coming season.

E. C. Johnson, Ac. '06, is reported ill in a hospital at Washington, D. C. where he holds a scientific position in the department of agriculture.

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BASEBALL PROSPECTS.

About fifty candidates turned out in answer to the first call issued by Coach Wilmot for baseball men and prospects look very promising for a championship nine this spring.

Minnesota will be hampered greatly next spring because of the lack of a good pitching staff. Just now it looks as if Phillips will have to bear the brunt of more than his share of the twirling.

There is a great amount of new material on hand out of which a good team can be selected.

Capt. Ernst, Rand, Phillips and Kesting are the old men who will form the nucleus of this year's team. Some of the most promising of the new material are: Stangby, McGovern, Pettijohn, Johnson and Victor.

Practice will begin on Monday afternoon and continue each day in the cage in the armory until weather permits outdoor work. The practice will last from 1:30 to 4:30 every afternoon.

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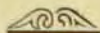
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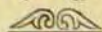
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