



Vol. XI.

March 11, 1912.

No. 23

THE LIFE MEMBERSHIP CAMPAIGN.

The following named persons have each pledged themselves to secure three life memberships.

* Indicates complete fulfillment of pledge.

- *B. S. Adams, '98, Med '01, Hibbing.
- John W. Adams, '86, Philadelphia.
- Charles H. Alden, Ex '89, Seattle.
- Raymond J. Andrus, Eng '07, Pasco, Wash.
- Cyrus P. Barnum, '04, City.
- E. R. Barton, Ex '96, Frazee.
- James F. Bell, '01, City.
- *Charles P. Berkey, '92, Palisade, N. J.
- J. B. Berry, '10, State College, Pa.
- Florence Burgess Blackburn, '06, City.
- Marie Palmer Bond, L '01, St. Paul.
- Fred W. Buck, Eng '00, Duluth.
- W. L. Burnap, '07, Pelican Rapids.
- W. H. Campbell, '95, L '96, City.
- Arthur B. Church, '91, L '96, Long Prairie.
- Chas. P. Clarke, Eng '08, '09, City.
- W. G. Coapman, '07, Racine, Wis.
- Thomas Cooper, Ag '08, Fargo, N. D.
- Gratia A. Countryman, '89, City.
- W. Sumner Covey, '04, City.
- Louise Ray Crouse, '03, City.
- J. P. Curtis, '98, Thief River Falls.
- A. N. Dallimore, Eng '08, Puntney, Ariz.
- T. L. Duncan, '99, Comrey, Alta.
- *George Earl, '06, Med '09, St. Paul.
- A. R. Fairchild, Eng '07, Spokane.
- H. M. Feroe, '03, L '07, City.
- Florence Fish, '09, City.
- Louis R. Frankel, '97, L '09, St. Paul.
- Esther Friedlander, '92, City.
- Nora Frye, '91, Spokane.
- P. P. Furber, Eng '08, City.
- W. J. Gessell, '08, Hanley, Sask.
- Fred H. Gilman, Eng '90, Seattle.
- H. B. Gislason, '00, L '04, City.
- W. H. Hale, Mines, '04, City.
- Perry O. Hanson, '99, City.
- Mary Hill Heritage, '10, Hudson, Wis.
- E. C. Higbie, Ed '07, Morris.
- J. R. Hitchings, '97, Winnipeg, Man.
- *A. J. Hitzker, Eng '09, Warren, Ohio.
- Louise E. Hollister, '83, Evanston, Ill.
- *J. A. Hummel, Ag '99, St. Anthony Park.
- Jno. C. Jacobs, Med '05, Willmar.

- B. G. Japs, Eng '09, City.
- R. A. Jehle, Ag '05, Ithaca, N. Y.
- William F. Jewett, Dent '93, City.
- *E. B. Johnson, '88, City (6).
- David P. Jones, '83, City.
- *Fred A. Kiehle, '94, Med '01, Portland.
- I. G. Kjosness, Eng '03, Spokane.
- Albert G. Klatt, '11, Stewart.
- Lydia Lagerstrom, '95, City.
- Harriet Levin, '08, Aurora.
- Elmer E. Lofstrom, '96, Faribault.
- Henry E. Loye, Mines '05, Eveleth.
- Mrs. Harold L. Lyon, '03, Honolulu.
- Jessie Long McLaughlin, '96, City.
- Frances M. McOuat, Ed '09, Owatonna.
- George Plumer Merrill, '93, City.
- Henry F. Nachtrieb, '82, City.
- *L. R. Nostdal, Ex '02, Rugby, N. D. (9).
- George B. Otte, '01, Clark, S. D.
- Alfred Owre, Dent '94, City.
- Carl Sternberg, Eng '07, City.
- Edith M. Phelps, '07, City.
- E. B. Pierce, '04, City.
- C. A. Pitkin, L '03, St. Hilaire.
- H. C. Poehler, Ex '93, Montgomery.
- Henry W. Quist, Med '07, City.
- Ralph H. Rawson, Eng '07, Ellensburg, Wash.
- Soren P. Rees, '95, Med '97, City.
- Horace W. Roberts, L '08, City.
- Edith Rockwood, '09, St. Cloud.
- H. H. S. Rowell, '84, Lewiston, Idaho.
- M. E. Salisbury, '08, City.
- *L. W. Sanford, '08, City.
- C. B. Schmidt, L '01, St. Paul.
- G. Schmidt, '00, Hom '03, Sleepy Eye.
- Sydney L. Shonts, Mines '04, San Francisco, Calif.
- Madeleine Wallin Sikes, '92, Chicago.
- John F. Sinclair, '06, L '09, Madison, Wis.
- S. A. Siverts, Eng '09, Sunnyside, Wash.
- *W. C. Smiley, L '08, St. Paul.
- *Charles L. Sommers, '00, St. Paul.
- Victor Stearns, '91, Duluth.
- Carl Sternberg, Eng '07, City.
- David F. Swenson, '98, City.
- W. E. Thompson, L '05, St. Paul.
- *Marie A. Todd, '98, City.
- C. M. Torrance, Dent '99, Germany.

(Continued on page 8)

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'10—Hilma E. Wretling is teaching science and mathematics in the high school at Bird Island. This is her second year in this position.

'11—C. Winthrop Bowen is with the state board of forestry of California. His headquarters are at Sacramento.

'11 Law—Leon L. Bulen has just gone to Missoula, Mont., where he will open an office for the practice of law.

'11 Eng.—E. B. Croft is with the T. C. R. T. Co., doing special work in the line of traffic inspection.

'11 Eng.—M. S. Larson is located at Hibbing in the mechanical engineering department of the Oliver Mining Co.

'11—A. L. Goodman is with the Duluth Universal Milling Co., of Duluth, Minn.

'11—Elizabeth Casey is teaching at Starbuck, Minn.

'11—Genevieve Love is teaching at Brooten, Minn.

'11—Clyde J. McConkey is with the 3rd Cavalry at Fort Leavenworth, Kansas. After the fifth of June Lieutenant McConkey's address will be the Manila, P. I. After graduation Mr. Conkey took the examination for the army and was commissioned lieutenant of cavalry in October, but did not report for duty until February, attending the fall quarter at the University of Chicago.



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E. B. JOHNSON, '88 Editor.
EARLE R. HARE, M. D., '00.
Editor of the Special Medical Issues.
HARRY WILK, '12, Advertising Manager.

COMING EVENTS.

Monday, March 11, Chapel address, Warren M. Horner, "Life Insurance as a career for college graduates."

Wednesday, March 13, All-senior day—address by President Vincent, chapel, 12 m. 4 p. m. University lecture—Professor C. W. Benton, "The evolution of the classical idea in French literature."

Thursday, March 14, Auditorium of Department of Agriculture—extemporaneous speaking contest—11:40 a. m.

4 p. m. Lecture by Dr. Mabel Ulrich, open to junior and senior women and required of senior women candidates for the teachers' certificate.

Friday, March 15, chapel address by W. H. Bovey, "Milling as a career."

3 p. m. Professor J. B. Miner, the psychology of color, 321 Folwell Hall.

8 p. m. Frank W. Emmons, "The life history of a kernel of wheat," Chemistry building.

Saturday, March 16, 8 p. m. Reception of seniors and graduates of the School of Agriculture by Dean and Mrs. Woods.

Sunday, March 17, Sermon to graduating class School of Agriculture, by Rev. W. E. J. Gratz, 3 p. m.

MADISON, WISCONSIN, ALUMNI ORGANIZE.

Former University of Minnesota men and women now taking work at the University of Wisconsin, or employed in the Wisconsin state service have organized a Minnesota club in Madison, and Saturday gave a dinner at Lathrop hall in honor of President Vincent. Twenty-three members attended. The club was addressed by Dr. Vincent, who spoke on the prospects for the Gopher institution and his plans for its enlargement in the direction of a fuller service to the state.

The first officers of the club are: President, Professor A. N. Winchell, Minnesota '06, professor of mineralogy; vice president, Mrs. B. G. Packer; secretary-treasurer, Gerhard Dietrichson, '09, Menomonie, Wis.; executive committee, the officers and Professor W. D. Frost, '93, and John F. Sinclair, '06 and law '09.

PRESIDENT VINCENT GIVEN OVA-TION.

Last Friday, at the University convocation held in the armory of the University of Wisconsin, three thousand students indulged in one of the wildest demonstrations of enthusiasm as a greeting to President Vincent who addressed them upon "Playing the game." President Vincent made three addresses at the U. of W. last week and the demonstration at the armory was a culmination of the royal reception given him by that university.

President Vincent addressed the Southern Wisconsin Teachers' association Friday night on "The New Duty of the School," and spoke to the Saturday Lunch club Saturday afternoon on "What Has a State a Right to Expect of Its University?" He addressed two meetings at association hall at the university on Sunday.

HAROLD DEERING, DECEASED.

Harold C. Deering, '08, law '10, died in this city last Friday, after a general breakdown which occurred less than three weeks

DID YOU RECEIVE NOTICE?

We have just mailed a fourth bill to subscribers who have not paid this year's subscription. The University year is rapidly drawing to a close and if the Weekly is to close the year with its bills all paid subscribers must respond promptly to this notice.

ago. Mr. Deering was one of the most brilliant men graduated from the University in recent years. He was an unusually strong student, making Phi Beta Kappa, and a convincing speaker, having been a leader in debate during his college course. He was public spirited and level-headed and a general favorite and leader in the activities of college during his time. He pursued the night law course, working during the day for the state tax commission and soon after graduation he entered the legal department of the Minnesota Loan and Trust company and was in charge of their title department up to the time of his death.

Mr. Deering's influence upon the student body of his day was marked and it was always for the highest things. Wholesome, sane, public spirited, efficient, a good friend, every inch a man, these are the terms in which his many friends will cherish his memory.

PRESIDENT NORTHROP'S CANDIDACY.

As our readers know, a committee of alumni has sent out to the alumni living in Minnesota a letter urging support of President Northrop for delegate at large to the Republican National convention. It is well known, of course, that President Northrop is a Taft supporter. Some alumni, who favor other candidates have felt it necessary to explain to President Northrop, that while their personal love for him is undiminished, they do not feel that they can support him when they know that it means failure to support the candidate they favor.

President Northrop recognizes this fact and does not expect any alumnus to support him unless he wants to see Taft nominated as the Republican candidate for president.

So far as we have been able to determine that was no intention to mislead anyone in sending out the first letter, in fact the names signed to that letter are sufficient guarantee of this fact.

In order that there may be no misunderstanding we state here that the General Alumni Association has had nothing to do with either movement. The first letter was framed by a committee named at a meeting of alumni called together at the commercial club and the protesting letter was framed by individuals who did not approve the first letter.

THE DENTAL COLLEGE CARED FOR

The dental college is quartered with comparative comfort in the new engineering laboratory building. The gallery, on the second floor, provides well-lighted and airy space for thirty-two chairs and this will care for the work for the balance of the year by working the students in four relays.

On the first floor, near the entrance, is the extraction room and on the second floor is the offices and stock room and engine room. This provides workable space, though it is very crowded. In the basement is the laboratory which is to be run on a company basis, any student will take any place not in use when he reaches the laboratory. Drawers are provided for each student to keep his material together.

The seniors are farmed out among practicing members of the staff and some of the juniors are cared for in the same way, so that there has been very slight interruption of their work. Several offices of the cities have placed chairs in their reception rooms to provide for the emergency.

The freshmen are more seriously handicapped and the plans being matured provide for their taking up their second year's work next fall enough earlier to make up what they are losing this semester.

Take it altogether, the dean and faculty have done wonderfully well in meeting the emergency created by the fire and the work of the year will not suffer so seriously as it was feared that it would inevitably suffer.

It is as yet too early to say what provision will be made for the future. The President and Regents are busy planning for next year and will be ready to announce their conclusions next week sometime. The delay is due to the necessity of making a thorough investigation of the possibility of repairing the old building.

MANY NOTABLE SPEAKERS.

In addition to the two vocational lectures in chapel, by Messrs. James Gray, '85 and Paul L. Mueller, landscape architect, the past week has been made notable by addresses by M. Le Bras, official lecturer of the Alliance Francaise, who lectured in chapel, upon women in French history and literature. Thursday afternoon, Gifford Pinchot, made an address upon conservation. Friday afternoon the Honorable William Jennings Bryan made an address in chapel. The regular University lecture was given Wednesday by Professor Joseph Warren Beach, of the department of English, who talked upon Rabelais discovered, or, the comic mask. Friday night, Professor Alois F. Kovarik, lectured under the auspices of Tau Beta Pi, upon Radioactivity and the light it has thrown upon some problems of science. The Rev. Clement C. Clarke, lectured before the liberal association, Wednesday afternoon, upon How to make liberalism dynamic and Rev. Stanley Kilbourne, '03, addressed the Y. W. C. A., Thursday, upon True and false emotion.

Count Luetzow, who was to have made an address Monday afternoon, was obliged to cancel his engagement because of a sprained ankle.

MAKING REAL PROGRESS.

The newly elected athletic board of control met last week for the first time. The chief matter of business to engage the attention of the new board was the planning for the encouragement of intramural sports. The board also took action providing for a closer system of auditing the athletic budget so as to meet the expense involved in the extension of athletics within the University.

Plans for an out-door batting cage for the use of the base ball squad were approved and a committee was appointed to see what could be done to further the development of freshman athletic talent, especially along the line of base ball.

The whole tone of the meeting was along right lines. That a movement has been instituted that will result in real progress along right lines is an undoubted fact.

STATE COLLEGE REPRESENTATIVES MEET.

At the invitation of President Vincent he entertained at luncheon Saturday, March 2nd, the following representatives from the state colleges:

Rev. G. H. Bridgman of Hamline university; Rev. Humphrey Moynihan of St. Thomas college; Dr. Donald J. Cowling of Carleton college; President Theodore Buenger of Concordia college; Professor J. A. Edquist, representing Gustavus Adolphus college; President T. M. Hodgman of Macalester college; Rev. John N. Kildahl of St. Olaf college; Rev. A. H. Deutsch of St. John's university, and Rev. George Sversdrupp of Augsburg seminary.

Various matters of interest connected with the relation between the colleges of the state and the University were discussed. A committee of the deans of all of the colleges with the dean of the college of science, literature and the arts of the University, was authorized to formulate a uniform code of dealing with transfer of students from one institution to another. A special effort will be made to induce more students to become candidates for the Rhodes scholarships. It is proposed to secure two former Rhodes scholars who have returned to Minnesota to visit the various colleges of the state and urge more students to compete for these desirable appointments.

KEMP AT THE UNIVERSITY.

Dr. James F. Kemp, registrar of the University of the Philippines, who is in the United States on a leave of absence, has been commissioned by the University to investigate five leading typical American

institutions while home. The institutions which Dr. Kemp is to investigate include the Universities of Minnesota, Chicago, Columbia, Yale and Harvard. Dr. Kemp spent several days at the University going into its business system, system of registration, and general conditions, making a thorough study of the same in order to make a report to the authorities of the University of the Philippines upon his return. Mr. Kemp expressed himself as greatly delighted with the courteous treatment he received while here and with conditions as he found them at the University.

It is rather significant that Minnesota should be the only state institution chosen for investigation since several other state universities were nearer the points where Dr. Kemp would naturally be.

The university of the Philippines is organized under the authority of the United States government and is supported by the government. The standard of salaries for full professors in that institution is five thousand dollars gold. The school system in the Philippines has made rapid progress since the first occupation of the islands by the United States and the standards of that University are the same as for admission to universities in this country.

AN ADEQUATE ANTIDOTE.

Editor Alumni Weekly:-

The ideas published under the heading "Dr. Hill's Series, Dr. Jordan's article," on page 25 of your issue of Feb. 26 seems to be out of place in the Weekly.

If this article contains any "doctrine," it is an advocacy of **small, unventilated rooms filled with sewer gas without disinfection after contagious disease.**

The argument against disinfection, based on **yellow fever** is obviously fallacious as it is of course known that yellow fever germs must be introduced "hypodermically" by the mosquito. As applied e. g. to diphtheria the contention is certainly **exceedingly dangerous**, and absolutely unfit for "laymen."

As a student of bacteriology I happen to know something of what I am talking about, but I suggest that it would be best to publish a reply by some medical man to the article referred to. From an "uplift" standpoint it certainly is a very "peculiar" article, and one that should not pass unnoticed. I suggest that its publication would not have been unduly delayed if its author had deferred publication until he could locate satisfactory substitutes for sanitary plumbing, ventilation and disinfection.

Yours,

Bert Russell.

BASED ON MISTAKEN PREMISES.

I feel just like Hunky Davies and refuse to be comforted by the assurance of the *Weekly* that certain questions "have been discussed ad nauseum" and that the program of that banquet was deliberately framed up for what is euphoniously termed "getting away from petty and profitless" matters and turning "in a big way to things more worth while." In a word, I think that the athletic situation under faculty control got itself just as badly snarled up last fall as it used to occasionally do when the students had charge and that, like the old woman who lived in the shoe, the faculty "didn't know what to do" and hence prefer to "discuss in a big way things more worth while" which, in plainer English, means to dodge the issues and hand out a line of perfectly unimpeachable platitudes which sound nice but don't get us anywhere. Some of us were beginning to feel that real good would result from the recent misunderstanding and when the powers that be announced a get together meeting whereat live issues would be discussed we read into it the implied promise that some effort would be made to ascertain and consider alumni sentiment. Instead the alumni were assembled to receive a verbal spanking and were sent away admonished to be good and think noble thoughts. This may be highly satisfactory to the self complacency of the faculty but so far as the alumni are concerned, at least a no inconsiderable number of them, it has a tendency to quench our interest not only in college athletics but in the college as well. If you are going to do things to us go ahead and do them but for mercy's sake don't pull off bald faced frauds like that banquet and expect that we will not notice you doing it. Remember we are alumni, and that poor as the old college used to be under previous unenlightened administrations, we did learn a thing or two.

W. C. Smiley, Law '08.

[This would have more force were it not based on several false assumptions—first, that the faculty had anything to do with arranging the program or any of its features; second, that due notice was not given that the toasts would "not be devoted to a discussion of the field covered by newspapers during the past few months;" third, that the program was made up of "platitudes that sound nice but don't get us anywhere." We fail to understand why anything that was said at the banquet should diminish the interest of the alumni in athletics or in the University. Nevertheless, we regret the fact that even a single alumnus felt that there was any attempt to do anything that savored of fraud or was in the nature of "a verbal

spanking." The greatest care was taken in every announcement that was sent out to make it perfectly clear that the program of toasts would be devoted to just exactly what it was devoted—a consideration of the real problems of athletics as affecting every student of the University. The trouble with our critics is that they do not realize that there are or can be athletics outside of intercollegiate football.—Ed.]

A DISSENTING OPINION.

To The *Alumni Weekly*:

Out of deference, veneration and respect for Dr. Cyrus Northrop I consent that this protest be called a "dissenting opinion" but when the State Convention has adjourned its labors I trust that it may be designated as the "majority opinion of the court."

I am in receipt of a letter from a committee appointed for the purpose of getting in touch with the University men throughout the state, which letter is dated February 29th, 1912, asking my assistance to secure delegates to the State Convention favorable to the election of Dr. Northrop to the National Convention. This same idea was suggested by the *Alumni Weekly* a short time ago following a certain Minneapolis dinner speech where Dr. Northrop did himself credit in his eulogy of President Taft and it is now proposed that the Chicago Convention be phonographed with his recent Minneapolis dinner speech by his election as a delegate at large.

Dr. Northrop can eulogize a man, trim him up right and turn him out as a finished product or bi-product better than any other man I have ever heard. In the University chapel I have heard him do the same stunt to Colonel Roosevelt and Bryan and if he would repeat his chapel speech in case Colonel Roosevelt be nominated or make a new one equally good if Senators La Follette, Cummins or Beveridge should get that nomination, I would have no objection to thus honor Dr. Northrop. On the other hand when it is proposed by the advocates of a lost cause and by the utility politicians of the state to have Dr. Northrop help them out of a bad mess and he again to obtain the assistance of our University Alumni throughout the state, then I wish to enter a most solemn protest against such a proposition and I call upon every University alumnus in the state who believes in popular government to fight this proposed plan in every locality.

I yield to no one in my admiration, love and devotion to Dr. Northrop. This he will have from me as long as he lives. I sincerely deplore the idea of having the personal popularity of Dr. Northrop used throughout the state for the sordid

purpose for which it is intended and I refuse to lend my assistance to a cause for which he is being unwittingly used by the political machine of the state.

It is needless to say that our personal relations will not be disturbed in this contest but I shall do my best to defeat the proposed plan.

Very sincerely yours,
O. A. Lende.

"UNIVERSITY WEEKS" PLAN MATURING.

Professor Quigley who is in charge of the plans for the four University weeks to be given in the month of June, announces progress. The first week will be held in southeastern Minnesota, the second in southwestern, the third in northwestern and the fourth in northeastern Minnesota. A corps of seventy-five speakers, entertainers and musicians will be taken along. Professor Quigley is corresponding with the commercial clubs of these parts of the state and planning for their co-operation in making the University weeks of the highest possible value.

CHICAGO ALUMNI MEETING.

This account of the meeting of the Chicago alumni should have been published last week but was inadvertently omitted. The meeting was held Friday night, February 23d, at the New City Club rooms. The lantern slides loaned by the *Weekly* were exhibited and made a distinct hit. There were about thirty members present and the officers were re-elected. The year has been a very satisfactory one for this association and considerable credit for its success is due to the loyal engineers who are together as the works of the Western Electric company. The question of athletics was discussed and the stand taken by the *Weekly* was generally approved. No one was in favor of the abolition of intercollegiate sports but all were in favor of "playing down" the spectacle and "playing up" the sport. The club expects to have another meeting within the next six weeks and are planning to have President Emeritus Northrop or President Vincent with them at that meeting.

The officers elected were George R. Horton, president; Joseph E. Paden, vice-president; Fred W. Bedford, Treasurer; H. W. Mowry, recording secretary, and H. Cole Estep, corresponding secretary, 1328 Monadnock Block.

WASHINGTON (D. C.) ALUMNI MEET.

Washington alumni and guests to the number of forty eight gathered at a second informal dinner on Friday, February 23. Among those present were Representa-

tative and Mrs. F. C. Stevens, Assistant Secretary of Agriculture and Mrs. Willet M. Hays, Dr. and Mrs. W. W. Folwell, Representative Frank M. Nye, Representative Clarence B. Miller '05, L. '00, Prof. and Mrs. J. M. Coulter, Mrs. Max West (Mills '90). Mr. and Mrs. Carl S. Scofield Ag. '00, Mrs. and Mrs. Wm. C. Gerdson '08, Mr. and Mrs. Edward C. Johnson '06, M. A. '07, Mr. and Mrs. Wm. Hinds, Mr. and Mrs. H. J. Ramsey, G. '03, S. M. Ladd '03, Alden A. Potter Ag. '09, R. C. Miller Ag. '09, Mr. and Mrs. H. W. Gilbertson Ag. '10, and Mr. and Mrs. Chas. E. Tullar E '01, Oscar Brohaugh '03, Mr. and Mrs. M. E. Anderson E '01, L. S. Billau E '05, Mr. and Mrs. E. G. Boerner Ag. '05, Mr. and Mrs. E. H. Riley, Ag. '03, Leifur Magnusson '05, Bertha Chapman Ex. '08, Geo. M. Albrecht E '06, and R. A. Vickery '06, M. A. '07.

When the demi-tasse was passed vice-president E. C. Johnson called for several extemporaneous toasts. Dr. Folwell led with reminiscences of his advocacy of a larger campus in the early eighties and with pointing to the bright future before the university under the leadership of President Vincent.

Representative Miller of Duluth then pointed out the unquestionable leadership of the universities in shaping ideas throughout history and cautioned the university man in present-day public life against breaking away from custom and precedent to the extent of forgetting the value of experience in time-tried institutions. Incidentally he congratulated the several "newlywed" couples present.

Assistant Secretary Hays gave vocational-training a boost, believing, as does President Vincent, that it should crown the graded educational system of the state.

Representative Stevens then proposed, in a happily informal way, that Dr. Folwell's old idea of a large campus, which seems so eminently desirable today, be carried out by having the state acquire title to the reservation at Ft. Snelling (some 2000 acres), which will probably soon be abandoned by the federal government in accord with recent changes in the policy of the war department.

Representative Nye closed the remarks for the evening with a tribute to "The North Star State." His wit and terseness of expression—he characterized President Vincent as an "Intellectual dyamo"—enlivened his hearers considerably.

All are anticipating a repetition of the affair in the latter part of March on the return to Washington of the president of the association, Dr. K. C. Babcock '89, of the bureau of education.

Alden A. Potter,
Secretary.

THE LIFE MEMBERSHIP CAMPAIGN.

(Continued from page 1)

*Benj. B. Walling, Eng '09, City.
Frederick W. Ware, '11, Colorado Springs,
Colo.

*A. B. Welles, '04, City (5).
Chester S. Wilson, '08, City.
Frederick J. Walling, L '96, City.

The foregoing list contains 96 names. Three of this number have turned in results to make four extra pledges of three each and five more are working on extra pledges, making one hundred and five in all. Nineteen additional have turned in results without making pledges—that is, they are actually at work and have turned in pledges without making definite pledges themselves. Some half dozen others have asked for blanks and promised help without signing the formal pledge blank.

A committee of the class of 1888 has pledged a life membership from every member of the class—which means fifteen additional life members.

The Chicago alumni association turned in six pledges as a result of a recent meeting and says more will follow. The Spokane alumni association has sent for blanks and will push the plan at its next meeting.

The result of the work, to date, insures an addition of at least \$4,000 to the life membership fund—just ONE-NINTH of what we started out to raise.

But the campaign is young as yet and there is no reason why, before the end of the present year, the plans should not be carried out to a successful completion.

Surely among more than 13,000 who are eligible for membership we should be able to secure 3200 more members?

If you agree that the work is one worth doing, you cannot avoid the conclusion that it is worth YOUR doing.

The class is a unit that promises best results—those who are life members of any class have a big field to work among their class-mates and former members of the class.

A committee of three in the class of 1888 has pledged a life membership from every member of their class. These three have agreed to secure a life membership from every member of the class or to pay into the treasury of the association an amount sufficient to make every member of the class a life member.

BIRTHS.

Born to Dr. and Mrs. Stephen H. Baxter, February 1st, a daughter, Betty Gay. Mrs. Baxter was Laura Robb, '03 and Dr. Baxter was a member of the class of '99 and the medical class of 1902.

Born to Mr. and Mrs. W. Sumner Covey (Kathleen Watterworth), October 5, 1911, a son, John William Covey.

Born January 9th to Dr. and Mrs. Joseph P. Kane of Delano, Minn., a boy, Anthony. Both parents were members of the class of '05. Mrs. Kane was Isabelle V. Browne.

DEATH OF MRS. HOPEMAN.

Moorhead, Minn., March 6th.—Mrs. A. M. Hopeman, wife of Albert M. Hopeman, president of the Hopeman Construction company and former city engineer, died last night at her home in this city. Brief funeral services will be held at the home this evening, after which the remains will be taken to Preston, Minn., the former home of Mrs. Hopeman, whose maiden name was Lillian Excene Utley. Mrs. Hopeman leaves two children, one an infant of six weeks. Both Mr. and Mrs. Hopeman are graduates of the University, the former of the class of 1905, the latter of the class of 1906.

E. T. Reed,
Correspondent.

'10 Eng.—O. B. Anderson of basketball fame, is now located at Winnipeg, Manitoba. His address is Suite no. 14, The Notre Dame.

'10—W. E. Anderson has recently changed his address from Hopkins, Minn., to 2366 Ellis St., St. Paul, Minn.

WOMEN'S BASKETBALL TOURNAMENT.

The interclass tournament for women will be held in the University Armory March 16th. The young women have been practicing for a long time and a good tournament is assured. Additional interest is centered in this event this year since the alumnae are planning to challenge the winners of the tournament. These occasions are always warmly contested and well worth turning out to see.

INTER-COLLEGE CARNIVAL.

Tuesday evening, March 12th, the inter-college relay carnival will be held in the University Armory. Half-mile, mile, two-mile and four-mile relay races will be run. Freshman tryouts will be held at the same time for the Freshman-Shattuck meet to be held at Faribault, March 16th.

MODELING CLASS WILL EXHIBIT.

The class in modeling are planning an exhibition of class work sometime during the latter part of the month. Seven students have been doing special portrait work under the direction of Mrs. Neil, of St. Paul. Plaques, medallions and bas-reliefs made by this class will form part of the exhibit.

THE TENTH VOCATIONAL LECTURE.

James Gray, '85, of the Minneapolis Journal, addressed the students in chapel last Monday on "Journalism as a career." In substance Mr. Gray said, First, a man or woman might earn a good livelihood as a regular newspaper writer; second, large fortunes often were made in the service of the business office of a newspaper; third, special writing opened wonderful opportunities for fame and money; fourth, the newspaper office was an excellent school for some other vocation; fifth, there was no broader field for social service than the newspaper.

The speaker traced the progress of a newspaper man from the time he joined the staff at \$12 or \$15 a week until he reached the top in regular work. Then he showed how he might branch out and make fame and fortune out of a specialty like the Dooley letters or special correspondence.

The other alternative, he said, was to go into the business office, where "salaries are better than upstairs," and where men of superior ability frequently got big salaries and, in addition, an interest in the paper. He said there were splendid opportunities for men of originality in what was called special advertising.

"Most newspapers now have their own cartoonists, who are highly paid and who have many opportunities to make money, such as general illustrating and re-selling cartoons in book form," he said.

"The rewards of the newspaper business are simply a livelihood to those who are contented to have just a living, but the chances for men of different caliber are many and tempting. Money, however is not the only reason for adopting the profession. It offers an opportunity to do some good in the world. This is an age of social service, and there is no field which offers greater opportunities for social service than the newspaper."

EBERSOLE ADDRESSES OFFICE MEN.

Professor Ebersole, of the department of political science, addressed the office men at their noon luncheon at the West Hotel recently upon "Finance and banking." Professor Ebersole said in substance that confidence in business integrity was the basis of our modern system of banking. In the course of his remarks Professor Ebersole outlined briefly the history of banking and explained the significance of changes that have taken place in recent years.

DR. BURTON IN DULUTH.

Dr. Richard Burton visited Duluth recently in the interests of the Drama league making an exceedingly interesting address upon the Drama and the ideals of the League which has been organized to further clean wholesome plays and to get rid of undesirable theatrical productions.

PLANS MATURING FOR UNIVERSITY SENATE.

The University Council has been working for some time upon plans for a new faculty organization to be more representative of the whole University. The plans as they are being matured call for the creation of a University senate whose membership will be made up of all full professors of all colleges who are giving full time to the University. Such a senate would take the place of the present University council and would be of course a more representative body.

EXTENSION BULLETIN NO. 3.

Number 3 of Vol. 1, of the Minnesota Farmers' library has just been issued. This is a revised edition of Extension bulletin number 3 dealing with industrial contests for Minnesota boys and girls for 1912. The bulletin contains suggestions to county superintendents and teachers covering the county and local contests, explaining the details governing the contests and the junior short course that is held at the various agricultural schools in the state each year. The bulletin fills sixteen pages and is well illustrated.

INTERCLASS DEBATE.

March 28th has been set as the date for the first interclass debate in the college of law. The junior and middle classes will debate the question "Resolved that the superior and appellate court judges should be appointed by the executive of the state."

The debaters who will represent the junior class are Harvey Hoshour, Raymond Ziesemer and D. J. Olsen with John Skadberg as alternate. The middle law team will consist of A. C. Richardson, John Seibel, Jr., and H. Junck.

NATIONAL CONVENTION MARCH 20th.

The Good Government Club of the University proposes to hold a mock national convention at the University March 20th for the purpose of nominating presidential candidates and drawing up party platforms. An opportunity will be given to the men of the University to sign slips to become delegates and represent some particular state. The interest shown in the matter promises a lively convention.

FORM CLUB.

The Knights of Columbus of the University of Minnesota have organized a club to be known as the University Knights of Columbus Club. The purpose of the organization is to further acquaintance among men with similar ideas and to be of mutual help to each other.

ORGANIZING VISITING COMMITTEE

The Y. W. C. A. of the University has organized a committee to visit the women of the various wards of Elliott Hospital, to read to the patients, write letters for them and to cheer and encourage them in every possible way. There are seven girls on the committee.

BASKETBALL PLANS COMPLETED.

Last week representatives from all of the colleges met with Dr. Cooke and completed arrangements for a schedule of an intercollegiate basket ball tournament. A series of elimination games between classes will first be played. The captains will select men from the various classes to represent the college in the final series. The team winning the final series between colleges will be awarded a trophy by the board of control and each member of the team will be presented with a watch fob.

SUMMER SCHOOL OF AGRICULTURE.

The summer school of agriculture and the state teachers' training school will open at the University department of agriculture June 17th and will continue in session until July 28th. Similar schools will be in session during the same period at the school of agriculture at Crookston and at the school at Morris, Minn. Bulletins covering the courses to be offered and giving full information concerning the work, may be had on application to Dean Woods, conductor of the school.

PLUMMER DOING GOOD WORK.

H. E. Plummer, a former student of the University, is building inspector of Portland, Ore. Mr. Plummer has taken hold of the work of his department with a vigor that promises to banish all fire traps from the city. Mr. Plummer is enforcing the law for the protection of life and property in Portland to the letter.

WILL ADDRESS THE SENIORS.

March 13th at the regular chapel hour President Vincent will talk to the seniors of all departments on matters of special interest to the seniors.

PERSONALS.

Eng. '91—F. L. Douglass who has been living in St. Louis, has recently moved to Covina, Calif.

'92—Lyman L. Pierce represented the University of Minnesota at the One hundred and twenty-fifth anniversary of the founding of the University of Pittsburgh. The exercises were held at the University of Pittsburgh February 27th to 29th. Mr. Pierce is secretary of the Y. M. C. A. of Pittsburgh.

'93 Ex.—R. E. Carswell who is president of the Dispatch Motor Car Co., of Minneapolis, is organizing new agencies throughout the country and is planning on a proposition to offer a life membership in the General Alumni Association as a bonus to the agents.

'93 Med—Dr. G. W. Dahlquist who is practicing at Lancaster, Minn., writes to express his appreciation of the Weekly and of the news of the University which it brings him. Particularly is he delighted with the progress of the work of the medical department and the new Elliott Hospital.

'97 Eng.—Frank M. Hewitt will remove to Ontario, Calif., about the first of April. He expects to engage in raising oranges.

'97—Albert Pfaender and Albert D. Flor, Law '10, announce the formation of a law partnership, practicing under the firm name Pfaender & Flor. The new firm began March 1st and will practice at New Ulm, Minn.

'99 Med. '02—L. O. Clement sold his practice at Lamberton, Minn., October 15th and since that time has been pursuing graduate work at the New York Post-Graduate medical school and hospital. Dr. Clement sailed March 6th for Vienna. Before he returns to America he will stop at London to pursue further graduate work.

'02—Minnie McHerron, now Mrs. Carl Dohm is living at Wilcox, Ariz.

'02 Eng.—W. B. McPherson is with the firm of Painter and Swales, architects of Vancouver, B. C., His address is 709-11 Metropolitan Bldg.

'04—Mrs. Chas. A. Cassidy (Leora Easton) has recently moved to Dover, Idaho.

'04 Pharm—F. Juul Noer is very sick at his home in Glenwood City, Wis., suffering from a gastric ulcer.

'05—Jessie Brooks, who was engaged in missionary work in the Straits Settlements for four years was called home last summer by the death of her father. Miss Brooks will leave about the first of June to again take up work which she gave up when called home. Her address in this city is 3225 3rd Ave So.

'06 Med—Dr. H. W. Miller spent the past

year abroad doing graduation work. He is now associated with Dr. W. P. Baldwin, '01 Med, at Casselton, N. D.

'06 Ag.—F. I. Rockwell is in charge of the Silvical investigations for district number one of the United States forest service. This district embraces all the national forests between northern Michigan and eastern Washington, including two in northern Minnesota, the Superior and the Minnesota national forests. The district headquarters are at Missoula, Mont. Minnesota alumni are well represented among the foresters of this district.

Donald R. Brewster, '10, is in charge of the Priest River forest experiment station.

Arnold O. Benson, '10, is on the Kainbsu National Forest with headquarters at Newport, Wash.

James R. Gillis, '11, is on the Pend Oreille National forest with headquarters at Sandpoint, Idaho.

Arthur Oppel, '11, is on the Sioux National Forest with headquarters at Camp Crook, S. D.

In a recent letter Mr. Rockwell says that they are very proud of the experiment station at Priest River, Idaho, which is the first one in the district and the fourth in the United States. Mr. Rockwell enjoyed the privilege of helping to establish this experiment station in the fall of 1911. The experiments carried on at this station are forest planting, forest nursery work, forest management and forest investigations generally. It forms the logical center for such work for the district. The site chosen was ideal in the beautiful western white pine country of Northern Idaho.

'06—Theodore T. Stenberg is principal of the high school at South St. Paul.

'07—Edith L. Barrett who has been located at Ely for a number of years, is now living at 1432 E. Superior St., Duluth, Minn.

'07 Pharm.—Frank R. Quick is now with A. F. Kurth of Leroy, Minn. He was formerly located at Conway, N. D.

'08 Law—W. H. Dempsey is a member of the law firm of Somsen & Dempsey of New Ulm, Minn. Mr. Henry N. Somsen the other member of the firm was a member of the law class of 1894.

'08—Emma O'Brien Gerharz is living at Billings, Mont. Mr. Gerharz is an engineer and head of the Henry Gerharz Co., who are in charge of the drainage system that has proven so successful in the Yellowstone Valley near Billings.

'08—Winifred R. Smith is recovering from an operation for appendicitis just before Christmas. Miss Smith's home is in Duluth.

'09—C. Roy Adams, formerly editor of the United Banker has affiliated himself with the Corporation Securities company of this city. Mr. Adams is to have charge of the investment department of the company. Mr. Adams has been editor of the United Banker for the past year and a half. At the same time he has been preparing his material for a doctor's thesis on "Bank interest rates in the United States."

'09 Ag.—D. W. Frear is entering upon his third year as a member of the faculty of the Colorado agricultural college at Fort Collins, Colo. Mr. Frear's rank is assistant professor of agronomy. He enjoys the country and people and his work.

'09 Eng.—B. G. Japs has removed from this city to Honeycreek, Ia.

'09 Eng.—Frank J. Kircher has become a member of the firm of Kircher Brothers. The other members of the firm are George contracting engineers of Hudson, Wis. Kircher, M. E. '09, and Edward Kircher, a building contractor. The new firm has started out with a successful business having just received a contract to install a sewage purification system for the State board of control at Anoka, Minn., and are also constructing a pressed brick store building at Hudson, Wis.

'09—Alice Quigley is teaching science in the high school at Sauk Center, Minn.

'09—Mira Southworth is teaching in the high school at Pine City, Minn.

'10 Eng.—A. V. Anderson is assistant chief engineer in the city light and power department of Winnipeg and has recently been transferred to Toronto.

'10—Edna A. Bruce, '10, and Wallace H. Martin, Eng. '10, who were recently married are living at 1030 14th Ave. S. E. Mr. Martin is assisting Professor Flather in the mechanical engineering department. For the past three weeks he has been ill with pleurisy.

'10—Isabella Chenery is at her home in Jamestown, N. D., where she has a position in the city library.

'10—Myrtle Coleman is teaching at Jackson, Minn. Her home is at Minnetonka Beach.

'10—Mattie Crogan is teaching in the high school at South St. Paul. Her home address is 1719 4th St. S. E., Minneapolis.

'10—Anna M. Gould is teaching in the high school at Montgomery, Minn.

'10 Dent.—Drs. C. L. Hughes of Royalton and D. J. Murphy of Aitkin, will attend the meeting of the dental society in the Masonic Temple, March 22nd and 23rd. Both are members of the dental class of 1910.

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MINNESOTA MEN AT DULUTH.

A meeting of the Northeastern Minnesota educational association will be held in Duluth March 14th to 16th. President Vincent will be present and speak upon "The new duty of the school." Professor E. V. Robinson, of the department of political science, will speak upon "The Junior high school." Superintendent A. E. Freeman of Grand Rapids, is a member of the executive committee having in charge the arrangements for the meeting.

PROMINENT IN WEST CENTRAL MINNESOTA DEVELOPMENT ASSOCIATION.

At a meeting held at Morris Washington's birthday, an organization known as The West Central Minnesota Development Association was organized. Frank W. Murphy, Law '93, of Wheaton was elected president; E. C. Higbie, Ed. '07, superintendent of the University agricultural school and station at Morris, was made secretary. C. B. Randall, Law '05, discussed "Town and country co-operation" before the meeting and President Vincent was present and made an address.

ORGANIZE A NEW DEPARTMENT.

The Electric construction company of St. Paul announces the establishment of a department of illuminating engineering under the direction of Arthur L. Abbott, Eng. '07, as illuminating engineer, with Clovis M. Converse, Eng. '09, as assistant engineer. The new department is completely equipped for the successful handling of all illumination problems and those who know Messrs. Abbott and Converse know that they will make good in the new field. The new department has been organized in response to a general demand for scientific illumination.

MISS BLISS IN CHINA.

Margaret Sidle Bliss, '07, has recently moved from Tacoma, Wash., to Yeung

Kong, China, via Canton. Miss Bliss left Minneapolis last October just after President Vincent's inauguration and after making several stops along the way, and a most delightful trip across the Pacific, she reached Canton December 21st. Miss Bliss expects to teach in the Light-loving seminary in Yeung Kong and hopes to be able to go down there within a month or six weeks, but has been detained at Canton on account of the trouble in the interior. At the time of writing, January 18th, Miss Bliss was having a delightful time getting acquainted and seeing the sights of Canton which is a wonderfully interesting Oriental city.

REVIEW BY GRUENBERG.

The January number of "The International" contains three reviews of recent books by Benj. C. Gruenberg, '96.

Volume I, No. 1, of "The American Teacher" a publication of New York City, devoted to the examination of school conditions and to publishing information and discussions calculated to improve the professional and social status of the teachers and the work of the schools, has an article by Mr. Gruenberg upon "Efficiency in education."

The School Review, Vol. XIX, No. 10, December 1911 contains an article by Mr. Gruenberg upon "Some aspects of the child-welfare problem in the New York high schools."

NO GUESS WORK HERE.

A remarkable example of the internationality of the electrical units and standards, and refinement of manufacture was recently observed in the electrical laboratory.

An ordinary high grade commercial ammeter of a well known American manufacturer was brought to Professor Springer for calibration. In calibrating this instrument German standard resistances and an American standard cell were used. A set of readings taken by a senior electrical student agreed to three parts in ten thousand, or within the limits of observational errors.

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In other words the products of four different laboratories or factories some German and some American, were brought together and found to agree as indicated above.

SOPHOMORE WRITES MUSIC FOR SENIORS.

Mr. Rudolph Brosius the author of the Sophomore Operetta has been officially appointed by the Senior class to compose all incidental music for the Senior Class Play and the Senior Class Exercises.

The University library has received a facsimile of Shakespeare's first folio issue in 1623.

ENGINEERING NEWS.

'09 C. E.—Mr. Geo. W. Walker, is preparing plans for a sewer system for Thief River Falls.

'07 C. E.—H. F. Bloomquist, city engineer of Mankato, has been engaged to prepare plans for a sewer system at Tracy.

C. E.—Mr. F. C. Lang, city engineer of Chisholm, is preparing plans for a sewer system in that city.

The Crouse-Hinds Company gave the electrical engineering department a sample steel cut out box and a sample conduit board on which is placed about one hundred samples of their conduit specialties.



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Alumni Professional Directory

This directory is published for the purpose of affording a convenient guide to Minnesota Alumni of the various professions, who may wish to secure reliable correspondents of the *same profession* to transact business at a distance, or of a special professional character. It is distinctly an *intra-professional* directory. Alumni of all professions, who, by reason of specialty or location are in a position to be of service to Alumni of the the same profession, are invited to place their cards in the directory.

Professional cards in this directory are classified alphabetically by states, alphabetically by cities within the states, and the names of alumni (or firms) in each city are likewise alphabetically arranged. The price of cards is six dollars a year. This includes a free subscription to the weekly

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PHYSICIANS

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'10 Chem.—Mr. H. W. Dahlberg head chemist of the Great Western Sugar Company's plant at Sterling, Colo., leaves New York on the Steamer Berlin for Naples, Italy, March second. He will spend one month in travel thru Italy, Austria, France and Germany and will then take a three months' course of study in Dr. Herzfeld's School of Sugar in Berlin. On his return voyage he intends to visit Sweden, Norway, Scotland and England, and will return to Sterling, Colo., in time for the next sugar campaign."

'10 Med.—Dr. A. O. Lindquist has recently changed his Minneapolis address to 1525 E. Franklin Avenue.

'10 Eng.—A. F. Moyer was married December 10th at Montivideo, Minn., and is now located at Wayzata where he is employed in the design of gasoline engines.

'10 Pharm.—Victor Noer is at his home in Colfax, Wis., looking after his father's pharmacy business.

'10—Irma Snere is teaching at Harrisburg, Ore.

WISCONSIN 29—MINNESOTA 26.

So reads the score of the game played last Saturday night in the University Armory, but the score does not really tell how very close the game actually was. At no time during the game was either team more than three points in the lead and usually each basket made changed the leader. It was one of the greatest games of basket ball ever played on the Armory floor and both teams covered themselves with glory. At the end of the period of play the score stood 25 to 26 in favor of Wisconsin but a foul had been called on a Wisconsin man and Minnesota had a chance to tie the score. Lawler made the try and the ball struck the side of the basket, bounded to the other side, rolled tantalizingly around the rim and then dropped into the basket for the point needed to tie the score.

The game was continued another five minutes and Wisconsin made a basket and a score from a free throw on foul and won the game and a tie claim to the western championship, having won every game of the season.

The officialing was of the best and neither team had any kicks on decisions. Fouls were called very closely and neither team seemed inclined to stretch the rules, the utmost care was taken to avoid anything that could be classed as unsportsmanlike. The crowd filled the Armory and was as enthusiastic as any ever seen on Northrop field—the wildest sort of enthusiasm was exhibited throughout the game and specially good plays on either side were cheered heartily. It was a great game and a fine exhibition of clean sport that will long be remembered by those who were privileged to witness the contest.

The summary:

Minnesota (23)—Position Wisconsin (29)—
 Frankleft forward..... Stangel
 Lawler (Capt.)..right forward..A. Johnson
 Wipermancenter.....Van Ghent
 R. Johnsonleft guard.....Harper
 Sawyer.....right guard Scoville (Capt.)

Substitutes, Neprud for Harper, Giltinan for R. Johnson. Goals from field, Lawler 3, Frank 1, Wiperman 3, Sawyer 1, Van Ghent 6, Stangel 2, A. Johnson 2. Goals from foul, Lawler 10 out of 15, Stangel 9 out of 12. Referee, Lyman of Purdue. Umpire, Hoffman of Chicago. Timekeepers, Hamill for Wisconsin, Leach for Minnesota.

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Vol. XI.

March 18, 1912.

No. 24

**The Class of 1888 First
The Medical Class of 1897 Second**

The medical class of 1897 is the second to pledge a life membership from each member of the class. This is what counts. What class will be next? Remember the nearer the top of the list the greater the honor. These classes challenge other classes to get into the game and make good.

The Class of ???? is Third

A SUMMARY OF THE SUBJECT.

We have been asked to make a short summary of the things advocated by the Weekly, during the past few months, regarding athletics and their control, and to point out how some of the things proposed, would work out in actual practice.

The Conference.

First, in regard to the conference, the Weekly has taken the attitude that a conference is desirable, but, that if the present conference is to accomplish anything it must change its whole point of view and cease legislating on minor matters and give attention to solving the big problems of intercollegiate athletics. Many of these problems can only be solved by co-operation.

We have held that eligibility to take part in intercollegiate contests should be based solely upon—

The maintenance of a clean scholarship record, and

One year's residence, to cut out "ringers."

We believe that the adoption of this simple, easily-enforced standard, is the only logical and practicable solution of the problem of eligibility, and that legislation

upon the thousand-and-one other things, upon which the conference legislates, should cease.

Intercollegiate Football.

In regard to intercollegiate football, we believe that there has grown up around the game many evils; that these evils must either be eliminated or the game abolished as an intercollegiate sport. These evils, as we have pointed out, are—

That it has become a spectacle and is no longer truly a sport.

That its aim is no longer the physical betterment of the student body but victory—the winning of an intangible championship. The game no longer represents a friendly conflict of rival student bodies but the relative merits of the strategy of professional coaches.

That it has become too largely the "whole thing" in college life—absorbing too much of the time and energy of the whole student body and is setting up false ideals of sport.

That the immense gate receipts are used extravagantly to add to the spectacle instead of being used to promote the interests of true sport. The large salary

(Continued on page 7.)

1912
JUNE 17

UNIVERSITY OF MINNESOTA
SUMMER SESSION

1912
JULY 26

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PLANS BEING CONSIDERED.

The destruction of the old Millard Hall has necessitated a complete change of program in regard to re-arrangements that have been planned and for which the last legislature made appropriations.

The plan had been to fireproof Millard Hall and remodel it for the college of pharmacy at a cost of \$75,000. The laboratory of medical sciences was to have been remodeled, at a cost of \$25,000 for the use of the college of dentistry. The decision of experts is that Millard Hall cannot be rebuilt, owing to damage by the three serious fires which have weakened the walls, especially the northwest end of the building.

Facing the proposition to provide for two colleges, and the impossibility of rebuilding Millard Hall, the Regents have been obliged to consider other provision for the colleges than that contemplated by the legislature when it made the appropriations for the repair of the two buildings.

The plan that seems to offer the only practicable solution of the problem is to use the \$100,000, appropriated for repairs of the two buildings, together with the insurance available, probably about \$135,000 in all, to build an entirely new fire-proof building, near the other buildings of the medical department, for the use of the two colleges.

This seems to be the sensible thing to do—it will provide the two colleges with better quarters than either of the other plans, even had there been no fire, and will place them where they should be, near the other medical buildings, and will give them

a fire-proof building that will serve for many years to come. Members of the legislature who have been consulted, so far, have been emphatic in their approval of the proposed plan.

This carrying out of this plan would leave the medical science building vacant, and it is suggested that this might be assigned to the Minnesota Union for a men's building. There is much to be said in favor of such a proposition. It would provide, at once, a most needed building, centrally located and capable of being turned into a satisfactory building for such purpose. The Union would have to raise the necessary funds to make an addition to the building for a dining room and the whole building would have to be fire-proofed. The proposition seems to meet with considerable favor and if the other plan works out as proposed it is entirely probable that this building may be used for the purpose suggested.

STEWART MEMBER OF EXECUTIVE COMMITTEE.

Professor John T. Stewart, chief of the division of agricultural engineering of the University, is a member of the executive committee of the National drainage congress which meets April 10th to 13th at

APPOINTED INSTRUCTOR.

Mr. B. F. Zuehl, M. A. '11, who has been an assistant in the department of psychology during the current year, has just been appointed instructor in psychology in the Western Union College at Le Mars, Ia.



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E. B. JOHNSON, '88 Editor.

EARLE R. HARE, M. D., '00.

Editor of the Special Medical Issues.

HARRY WILK, '12, Advertising Manager.

COMING EVENTS.

Monday, March 18th, George R. Martin, Law '02, Railroad office work as a career for college men. Chapel vocational address.

7:30 P. M. Professor W. S. Davis, Place of Byzantine Empire in European history.

8:00 P. M. Senior class play, school of agriculture, A western romance.

8 P. M. LaFollette club, address by H. T. Halbert, Elimination of boss in politics.

Tuesday, 19th, Business meeting of alumni of school of agriculture, 9:30 A. M. 12 M. Meeting of alumni of school of agriculture, by classes.

12 M. Dr. Jenks, address upon The industrial worker: who is he?

4 P. M. World's greatest picture, Harrington Beard.

6:45 Alumni dinner, school of agriculture.

8 P. M. Phi Beta Kappa meeting.

Wednesday, 20th, Chapel, special music and announcement of Phi Beta Kappa election.

2 P. M. Graduating exercises of school of agriculture.

7:15 P. M. Independent national convention, auspices of Good Government club.

4 P. M. University lecture, Professor Wallace Notestein, 17th century memoirs and letters.

5 P. M. Dean James, A certain basis of morals.

8 P. M. Alumni ball, school of agriculture.

Friday, 22d, Supt. John Monroe, Cokato, address in chapel.

Sunday 24th, Vesper service, University chapel, 4 P. M. Professor E. C. Moore, Harvard University.

SOMETHING WORTH REMEMBERING.

We quote from the Daily Cardinal the following editorial which appeared last Monday.

THE MINNESOTA GAME.

All the men who made the recent trip to Minneapolis have spoken of the remarkable spirit which was shown at the game by the Minnesota students. Throughout the whole game, the two teams alternated in the lead, neither ever securing a margin of over four points. In spite of the closeness of the contest, features—such as the hooting of the officials and the attempts to rattle the opposing player while he is making a free-throw—features which, we are sorry to say, sometimes mark the basketball games in our own gymnasium, were not present.

The enthusiasm of the students can be understood when we consider the fact that the volume of the cheering prevented the referee's hearing the large gong which announced the end of the game; and yet, through it all, there was not a single act of unfairness toward the Wisconsin players. We hope the conduct of the rooters at the game last Saturday may serve as an example to be followed by the crowds which witness future athletic contests between the two universities. Dr. Meanwell

DID YOU RECEIVE NOTICE?

We recently mailed a fourth bill to subscribers who have not paid this year's subscription. The University year is rapidly drawing to a close and if the Weekly is to close the year with its bills all paid subscribers must respond promptly to this notice.

took occasion to congratulate President Vincent on the true sportmanship of Minnesota students. Minnesota has played the part of the sportsman, not the sport.

"AN ORATORICAL HURRICANE."

Under this heading the Wisconsin Daily Cardinal spoke of the address which President Vincent made before the student body of that institution a week ago last Friday. The same issue of the Daily Cardinal contains an editorial commenting in the highest terms on President Vincent and his message to the student body. We quote from the editorial.

He demands, however, that a man thinks himself through to the end and acts in consistency with his intellectual conclusions. As a great educator he stands for an intellectual interpretation of life. In this respect he does not differ from Lyman Abbott, Henry Van Dyke, and the numerous other speakers who have been with us this year. President Vincent, however, is not afraid to step forward and announce his loyalty to an idealistic philosophy. There isn't a student at Wisconsin now who does not know where this man stands.

A man who has a philosophy of life need not be ashamed of it. It is a peculiar fact, however, that a man with an idealistic philosophy is especially unafraid. He has a philosophy of life which satisfies; one that unifies his own personality, and puts him into harmonious relation with his fellow men; a philosophy which carries him triumphantly across the great baffling problems of life, and one which is contagious in its optimism and purpose.

This is the philosophy of President Vincent. Who will deny the reality of his life, and what educated man can refuse to bow in humble reverence with his great soul who has found the true meaning of life through constant association with men of thought?

THE GENERAL ALUMNI ASSOCIATION.

Organization—Purpose—Scope.

From time to time question is raised regarding the organization, scope, purpose and methods of work of the General Alumni Association. In order to place the facts fully before the alumni we are printing the constitution, which we hope every subscriber will take the time to read with care.

CONSTITUTION.

Article I.—Name and objects.

Section 1. This Association shall be called the General Alumni Association of The University of Minnesota.

Sec. 2. The objects of this Association shall be—

1. The promotion of the welfare of the University of Minnesota through the stimulation of an interest therein of all graduates and non-graduate matriculates of all colleges, by keeping them in touch with and informed of the doings of their Alma Mater, and by the cultivation among them of a fraternal spirit.

2. The furnishing of such specific information as may be sought by any graduate or former matriculate upon any subject in connection with the University or any of its organizations.

3. The disbursing of any contributions made for specific objects connected with the University.

4. The maintenance of a list as nearly correct as possible of the names and addresses of all graduates and matriculates of the University.

Article II.—Membership.

Section 1. The membership of this Association shall consist of the graduates of all the departments of the University.

Sec. 2. There shall be eligible to—

Associate membership—Matriculates who have not been graduated.

Honorary membership—(a) Members and ex-members of the teaching corps of the University. (b) Members and ex-members of the Board of Regents.

Sec. 3. The annual membership dues shall be fifty cents or such amount as may be determined by the Board of Directors, which Board shall also determine the method of collecting the dues.

Sec. 4. Any person eligible to membership may become a life member of the Association by the payment at one time of the sum of ten dollars (\$10.00) which fund shall be invested as a permanent fund, the principal of which shall be kept intact, and the income thereof shall be used as determined by the Board of Directors.

Article III.—Officers.

Section 1. The officers of this Association shall consist of a Board of Directors, who shall elect from the members of the Association, a President, a Vice-President, a Secretary and a Treasurer, who shall by virtue of such election become ex-officio members of the Board of Directors if not already members of said Board.

Sec. 2. The Board of Directors shall consist of two members from each of the college alumni associations represented in this Association, and shall be chosen by the alumni associations of their respective colleges to serve for two years from the date of their appointment.

Provided, that of the first Directors so selected, one shall be chosen to serve for one year and one for two years from each college and that annually thereafter, one

Director from each college shall be elected to serve for two years.

Provided furthermore, that the present representatives of the several colleges as announced shall continue on the Board of Directors until their respective college alumni associations shall elect representatives in accordance with the above provisions.

Sec. 3. Vacancies on the Board of Directors shall be filled by representatives from the respective college alumni associations appointed thereto by the presidents of the respective college alumni associations.

Sec. 4. The management of the affairs of the Association shall be vested in the Board of Directors, which Board shall annually make a report at the regular meeting of the Association.

Article IV.—Meetings.

The time and place of the annual meetings of the Association shall be definitely determined by the Board of Directors.

Article V.—Quorum.

Fifty members shall constitute a quorum of the Association and five members a quorum of the Board of Directors.

Article VI.—By-Laws.

By-laws or changes therein, recommended by the Board of Directors may be adopted at any regular meeting by a majority vote of the members present.

Article VII.—Changes in the constitution.

Amendments to this Constitution recommended by the Board of Directors may be adopted at any annual meeting by a two-thirds vote of the members present.

Comments.

The General Alumni Association was organized to serve the University and its alumni—it is primarily a working organization. It is the only body which can officially represent all the alumni of all departments of the University, and the only organization that has a right to speak for the alumni in any matter concerning the University as a whole.

Its purpose is to make alumni good will effective in real service for the University and to unite the alumni and serve their common interests in the University and each other.

The form of organization is almost ideal since it provides—

(1) For enlisting the interest of alumni, former students and members, and ex-members of the teaching and governing bodies of the University.

(2) For giving the alumni of the various colleges equal voice with the alumni of any other college—each college alumni association being represented by two members chosen by itself.

(3) For every graduate of the Univer-

sity equal voice with every other graduate in the management of its affairs.

(4) For an effective working organization—the record of the few short years of its existence demonstrates how efficient the organization has been.

Any graduate of the University or anyone entitled to membership in the association who wishes to personally bring any matter to the attention of the Board of Directors will be given a hearing at any meeting of the Board. Suggestions will be welcomed from anyone—the Board of Directors desires only the highest good of the University and anyone who can suggest anything that will increase the efficiency of the work of the Association may be sure that his or her suggestion will be more than welcome.

MINNESOTA ALUMNI AT MADISON ORGANIZE.

The Minnesota alumni and those formerly connected with the University of Minnesota gave a luncheon in honor of President Vincent at the time he visited the University of Wisconsin. The luncheon was held March 8th at Lathrop Hall. There were present B. A. Beach, '11; J. D. Dietrickson, '09; W. D. Frost, '93; Mrs. W. D. Frost, '93; L. C. Gundersen, Ex. '09; R. H. Hess, '09; Mrs. R. H. Hess; H. S. Holmes, Ex. '11; A. W. Johnston, '10; A. C. Kolls, Ex. '13; J. J. McManamy, '03; Mrs. J. J. McManamy; W. L. Mann, Ex. '07; J. X. Neumann, Ex. '07; B. G. Parker, '02; Mrs. B. G. Parker, Ex. '03; B. M. Rastall, '09; F. A. Seaton, Ex. '11; John Sinclair, '06; Mrs. John Sinclair; W. L. Westermann, '09; A. N. Winchell, '96; Mrs. A. N. Winchell, Misses Florence Castor, Mary Ives and Otilie Liedloff.

In introducing President Vincent Mr. Winchell, president of the Association spoke, welcoming President Vincent, and expressing the deep desire of all members of the club that only the most friendly feeling of rivalry might exist between the two institutions. Professor Winchell stated that at the present time that are only five Minnesota graduates doing graduate work at Wisconsin and the same number of Wisconsin graduates at Minnesota. The club hopes to be able to do something to further this interchange of students doing graduate work and stands ready to render any service possible to Minnesota.

In a recent letter Mr. Winchell says that President Vincent captivated everyone. He spoke four times at the University and twice to the general public. On the last occasion the Methodist church was crowded to hear him, many people being turned away and many others standing throughout the service.

DEAN WULLING BEING URGED.

Friends of Dean Wulling, of the College of Pharmacy, are urging his appointment to the place made vacant by the resignation of Dr. Wiley. Dean Wulling is not a candidate and will not become a candidate for the place—if the offer comes to him he will consider it and may accept—but he is not seeking the place.

Friends all over the country, who recognize the special qualifications of Dean Wulling have been active in bringing his name before President Taft and urging his appointment. President Northrop has telegraphed President Taft and followed the telegram with a letter urging the appointment of Dean Wulling.

Whether the appointment is offered to Dean Wulling or not, the fact that his appointment has been urged by so many in such good position to know of his special fitness for the position, indicates how fortunate Minnesota has been to have so able a man at the head of one of its colleges. Dean Wulling is recognized as one of the very small group of leading men in the country in the line of pharmaceutical chemistry. Minnesota would not like to lose so good a man and yet recognizes the fact that such prominence given his name in connection with this appointment, is a distinct honor, not only for Dean Wulling but the University as well.

DEAN COMSTOCK TO ACCEPT.

Professor Ada L. Comstock, dean of women, has accepted an invitation to become dean of Smith college, Northampton, Mass., of which institution she is an alumna. The election took place early in February, at the time Dean Comstock attended a meeting of the board of trustees of Smith. Miss Comstock came to the University, as assistant in rhetoric in 1899, she was made instructor in 1900 and assistant professor in 1904, and Dean of women in 1907. The work of her new position will be largely administrative, with little or no teaching to do.

Dean Comstock is a native Minnesotan and was born at Moorhead. She is the daughter of Hon. S. G. Comstock, formerly a regent of the University.

JAMES GRAY CHOSEN.

James Gray, '85, has been chosen president of the Twin City alumni association of Phi Delta Theta. The election was held at a banquet in Hotel St. Paul. Dr. W. H. Condit presided at the banquet and Professor E. C. Parker was one of the speakers.

MINNESOTA PSYCHOLOGICAL CONFERENCE.

The Minnesota Psychological Conference holds its fourth annual conference at the

University this year on March 29th, Friday morning and afternoon. The morning session will be devoted to papers on the diagnosis and care of exceptional children, and will be participated in by the city superintendents who hold their meeting simultaneously, continuing it until Saturday. The afternoon session will be devoted to various topics of general interest. Among those who will take part are Dr. F. Kuhlmann of Faribault, Professor Nathan W. Schmidt of St. Paul, Supt. F. E. Lurton of Anoka, Dr. H. H. Woodrow of the University, Professor L. W. Kline of the Duluth Normal School, Professor Norman Wilde of the University, Miss Eunice Peabody of the University and Professor L. C. Headley of Carleton. The members of the committee having the program in charge are J. L. Stockton of Winona, Supt. A. C. Tibbets of Blue Earth, Dean L. A. Weigh of Carleton College, Principal J. C. Bryant of St. Paul and Professor David F. Swenson.

SEVERELY DRUBBED.

The Chicago quint gave the Gophers one of the worst defeats of the season, at Chicago, last Friday night. The final score was 27 to 13 in favor of Chicago. Minnesota had fallen off greatly from the form exhibited a week before when Wisconsin was met.

THE PRETENDERS SOON.

The University of Minnesota Club is hard at work rehearsing "The Pretenders" Ibsen's big historical drama which the club will present for three days at a downtown theatre about the middle of April.

This is the biggest production that the club has ever undertaken, largely because there are no traditions to follow, as the play has never been given professionally in the country. By many critics "The Pretenders" is considered the greatest of Ibsen's works. Montrose Moses in his "Henrik Ibsen, The man and his works," says "The Pretenders is a tragedy of great beauty, in which the interest in character is more universal than it is Norwegian, for the actual local, political, broad human significance. In workmanship, in conception, it denotes a surety of power which continues and is sustained throughout the piece." William Archer says, "With this play, Ibsen took his place among the great dramatists of the world. In wealth of characterization, complexity and nobility of emotion, and depth of spiritual insight, it stands high among the masterpieces of romantic drama." Paul Ernst, the celebrated German critic says, "This piece is not merely the most important among all the earlier dramas. I, for my part, do not hesitate to say that it deserves to stand first in all the poet's

works. It has tragic greatness in the highest sense of the word."

The play is arousing unusual interest at the University and will have the hearty support of the faculty as well as the whole student body. Dr. Richard Burton is doing all he can to make the performance the most successful in the history of the club. The Woman's Club of Minneapolis is also to take an active part in support of the play.

The production is under the direction of Charles M. Holt, of the Minneapolis School of Music, Oratory and Dramatic Art, who has been rehearsing the play regularly for the past two weeks. Mr. Holt says, "The cast of the play seems at this time the best the club has ever had." The strong men's parts are especially well handled.

A SUMMARY OF THE SUBJECT.

(Continued from page 1.)

paid the coach indicates false ideas of the relative value of physical and mental training. The professional tone, that has come to prevail the preparation of the teams, inflames the gambling instinct in the student body.

That football, as a spectacle, is injuring all other sports by absorbing every possible facility that can be used to "perfect" the team, and it is destroying the game of football as a sport. The intensity of the passion to win, leads to unseemly strife and feeling between the student bodies of rival institutions, and stirs up bitter controversies that are absolutely foreign to the spirit of all true sport.

In short, intercollegiate football, as it exists today is illogical in its relations to true sport and is foreign to any of the real and legitimate purposes of the University.

THAT IT EXISTS AT ALL, AS IT IS TODAY, IS A MATTER OF SUFFERANCE ON THE PART OF THOSE IN AUTHORITY.

The Remedy.

The plans outlined by Mr. Wilson and Mr. Pierce, suggest adequate remedies—Both provide for a system of athletics, primarily, for the student body. These plans would not exclude intercollegiate contests nor the spectacle, under normal conditions.

In such plans, intercollegiate sports would be the natural culmination of a system PRIMARILY intra-mural, conducted for the physical betterment of the student body not a few chosen students who do not specially need such development. The teams chosen to represent the colleges in intercollegiate contests would be chosen as a result of intra-mural contests and

they would represent the result of a process of natural selection.

In the sense in which that word is used now, these teams would have no coaching—that is, they would not be taught to meet a certain attack or to overcome a certain defense—they would be trained in the essentials of the sport and their attack and defense would be largely the result of their ability to meet any situation presented in the course of the game.

Our present system is scientific but it is not sportsmanlike. It is a test of strategy rather than men.

The spectacle would not attract the gambling element, as the present professionally produced teams do. But it would attract all lovers of true sport and would produce income sufficient for all legitimate expenses.

The objection raised to this proposition, is, that you must have the spectacle to provide funds to support other branches of athletics.

To this it is to be said, that a question which has so important a bearing upon the highest interests of the institution, should be governed and controlled solely by considerations of the highest good of the institution, and not by gate receipts.

This ought to be an adequate answer, but, there are other considerations that might be advanced. Nearly two-thirds the expense now incurred in support of intercollegiate athletics might be saved, and would be saved if athletics were conducted for the physical well being of the student body and not for show—and a large per cent could be saved even under present conditions.

Under the proposed system we should never spend five or six hundred dollars to send two men through the east to exhibit their skill as tennis players—proud as we all are of their record. We should not spend over two thousand dollars a year to keep a small field in shape for five or six days' use for exhibition purposes. We should not spend nearly \$4,000 to send a team to play a game with a neighboring institution, nor should we be called upon to spend \$1,000 a year for "scouts." We should not be obliged to pay \$6,000 each year for athletic supplies for practically a single sport.

Instead of paying a coach \$3,500 for a few hours work each day, during a three months' term, to train a few men, we should spend that amount for a man who would give all his time to work that would result in the physical improvement of more than fifty times as many men.

The saving would more than offset any loss in income, and with less emphasis placed on football we should have other sports more nearly self supporting. Even if there should be a slight deficiency, it could easily be made up by charging a

small athletic fee of every student who would profit directly by the spending of that fee. In the system proposed, each student would provide his own outfit, and the institution provide instructors and a comparatively small amount of necessary equipment—not for the individual but for the sport.

Further than this, all that is at present spent upon physical training would be available, and such expenditures could be legitimately increased for the purpose of furthering the physical well being of the student body.

Control of Athletics.

We believe that the control of athletics should be, as far as possible, in the hands of the students, and that the alumni should be represented on the governing board, but that the final control must, and should, remain in the hands of the faculty and regents. We believe that the form of control might be changed so as to bring about a more harmonious working body than the present plan provides.

In Conclusion.

Naturally, as alumni, we do not want intercollegiate contests abolished, but we face that possibility unless present conditions are very materially ameliorated. The *Weekly* has spoken plainly concerning some of the evils of intercollegiate football because we are anxious to see football continued as an intercollegiate sport—if it can be so continued without damage to the highest interests of the University. We hold the interests of the University superior to those of the game.

Because we believe in the game, because we love the sport and the spectacle, we have pointed out the evils which threaten its very life.

The worst enemies of football are those who brook no question of its paramount importance.

We hold that athletics should be conducted first of all for the furthering of the highest ends of the University—the sending out of well rounded men and women—physically, as well as mentally, fit.

The *Weekly* believes in intercollegiate contests, but such contests should be an incident and not an end in themselves. But more than we believe in intercollegiate contests we believe in athletic training for every student,—but we hold that the two are not fundamentally inconsistent nor antagonistic.

Is not the end, which the *Weekly* has sought to promote—The physical betterment of the student body, and The elimination of a host of confessed evils—worth working for?

DAVIES FRAMES QUESTIONS.

Editor *Alumni Weekly*,

I have yours of the 9th and in consonance with your suggestion, will condense my communication of the 8th. I do not wish however, to be understood as receding in the least from the position I take in regard to the alumni banquet and the failure to discuss those questions which I firmly believe should have been discussed at that time. It is true that those questions were discussed somewhat last fall, but I do not believe that they were discussed sufficiently. I do not believe that they are "petty and profitless," because they are the live issues upon the decision of which, the whole future of athletics at the University of Minnesota must depend. There has never been any open discussion of these questions among the alumni, and while your letter states that the alumni are practically a unit on the matter of eligibility, I do not so readily take for granted that all of the alumni are agreed upon his point. I must therefore insist that that question be included among the others that I wish to submit to the alumni in general.

I should like answers from as many of the alumni as possible, giving me their opinions upon the following matters:

1st. How shall we conduct athletics at the University? Shall we have student control, and if not, shall the present system be continued intact or shall it be modified?

2nd. Shall we stand for a scholarship qualification of eligibility?

3rd. Shall our stand upon such questions as eligibility, schedules, training table, the majority rule in the conference and other matters upon which the conference pretends to legislate be maintained at the risk of the severance of the conference relations?

4th. Who shall decide upon the eligibility of any candidate? What preliminary statement shall be made by the athlete, and what effort shall be made to verify that statement? What shall be sufficient to invalidate or impugn that statement so as to bar the candidate from participation?

5th. Shall the funds of the Athletic Association or the funds of the University defray the expenses of the investigation of a candidate's record, and what shall be the scope of and under whose direction shall, that investigation be conducted?

6th. Shall we have a training table?

7th. Shall we have games with teams other than conference teams?

8th. Shall we have inter-collegiate freshman games?

9th. Shall we have intra-mural contests, and if so, shall they be open or paid contests?

10th. Who shall determine the award of letters and who, if anyone, shall have authority to veto that award?

These questions are of the very essence of the matter under discussion so far as Minnesota is concerned, and I do not think that we can ever face the situation as it now exists and act intelligently until some affirmative answer is made or position taken in regard to each of the above suggested matters. All may not agree with my position in these matters, but that is immaterial. The essential thing is that there should be some affirmative announcement on the part of those entitled to express opinions upon these subjects so that we may know what the general sentiment is and it is important that we know it at the earliest possible moment so as to intelligently instruct our representative who goes to the next conference meeting.

Yours truly,

O. N. Davies.

WRITES IT IN THE PLATFORM.

The public-ownership-socialist party of Minnesota, which held its state convention February 19th put the following plank in its platform, under the head of administrative demands:

The establishment in the State University of an extension course by means of lectures and pamphlets to instruct the workers in the co-operative method of obtaining the necessities of life, thereby tending to relieve the high cost of living.

SAY AMEN TO "A DISSENTING OPINION."

After last week's issue of the Weekly was in type but before it had appeared, we received a communication signed by Messrs Benjamin Drake, John N. Berg, Allan L. Weeks, Olaf L. Bruce, Hans M. Olson and Wm. T. Coe, all alumni of the University, covering practically the same ground covered in Senator Lende's communication which was published under the head "A dissenting opinion." The members of the committee are of the opinion that since Senator Lende's communication covered practically the substance of their statement it would not be worth while to publish their communication.—Ed.

OF GENERAL INTEREST.

Professor A. A. Stomberg, of the University department of Scandinavian, had an article in the last Sunday's Journal on John Erikson, the inventor of the monitor.

Professor and Mrs. John Gray are at The Donald in Washington, D. C. Professor Gray is attending the Civic Federation.

Dr. Anna Phelan of the department of Rhetoric, has been assisting University

girls in the organization of the new College Suffrage club.

President Vincent has been called to Chicago as a witness in a damage suit against Miss Talbot, dean of women at the University of Chicago. Miss Talbot is being sued by a woman student for alleged defamation of character.

Benj. B. Walling, president of the Minnesota Co-Operative company has donated a cup which is to go to the winner of the inter-fraternity bowling league. The cup must be won three times by the same fraternity in order to become their permanent property.

FACULTY WOMEN GIVE PLAY.

The Faculty Women's club gave a play "In a sleeping car." last Saturday afternoon in Shevlin Hall. The play was staged under the direction of Mrs. James Paige and the leading parts were taken by Mesdames Newkirk, Schlenker, Nichols, Sanderson and Downey.

THE FIRST RELAY CARNIVAL RESULT.

In the inter-college relay carnival held last Tuesday evening the academics lead with 13 points, the engineers being second with 11 points. The academics won the four mile relay race, the laws coming in second. Shaughnessy won the race for the academics by a wonderful spurt which over came Tydeman in the last lap. In the two mile race the engineers won. In the mile race the engineers led. In the half-mile relay the academics led.

MINNESOTA IN SECOND PLACE.

Minnesota won the rifle match over Wisconsin by a score of 918 to 926. This places Minnesota in second place in the Western College League of marksmen. Iowa has first place having won each of the nine contests. Purdue and California are tied for third place. Minnesota will probably be paired with Princeton or Harvard in the all inter collegiate league for second honors. Minnesota has won eight of the nine contests. A dozen men of the school of agriculture have qualified as marksmen in the contest which has been held in connection with the military work of that school.

HORNER GIVES VOCATIONAL ADDRESS.

Warren M. Horner '93 Ex—general agent for Minnesota and Iowa of the Provident Life and Trust company made an address in the vocational course at Chapel last Monday morning, upon "Life insurance as a career for college graduates." Mr. Horner described the theory of life insurance as the conservation of man's energy. Mr.

Horner pointed out that life insurance has other uses than to provide for those dependent upon the insured. One of these phases is the ability of man to care for his own old age, another to protect business ventures. Mr. Horner pointed out the fact that life insurance is not yet three generations old and yet it has in that short time accomplished wonders in the way of reducing the number of paupers and social dependents.

Considering the fact that no capital is required for taking up this business the returns are very satisfactory. The qualities which make a successful solicitor are the same qualities that make a successful salesman in any line of business.

COLLEGE WOMAN'S CLUB PLAY.

The College Woman's club of this city will give a play "The stubbornness of Geraldine" at the Metropolitan theater March 21st. The income from this play is used to pay for a scholarship which is awarded annually by this club.

HONOR DR. SMITH.

On the evening of March 7th, the sixtieth birthday anniversary of Dr. Samuel G. Smith of the Department of Sociology, a large number of his friends gathered at the People's Church of St. Paul to do him honor. Addresses were made by prominent men of the state, reciting the many notable services of Dr. Smith to the state. The affair was one calculated to show the great appreciation which the people who know of his services have for him. Over two thousand invitations had been issued by the committee in charge and a large number were present to take part in the exercises. When Dr. Smith arose to respond to the words of appreciation that had been said, the whole audience arose and gave him the Chautauqua salute.

HUFF HEADS COMMITTEE.

Professor Charles E. Huff who has charge of the department of geography in the West high school, has been a member of a committee which has had in hand an investigation of the status of high school geography. This committee has recently framed its report to be submitted to the Geographic Society of Minnesota. The whole report shows an exceedingly careful and thorough study of conditions and a thoughtful presentation of the conclusions. The report says that the whole problem of geography in the high schools seems to be the problem relating to the teacher. Physiography is found to be not only a fit subject for high schools but a really necessary subject. Its comparative failure up to the present time has been be-

cause it has been entrusted to teachers who were not prepared to treat it as a science. The conclusion is inevitable that the high schools should demand teachers with better preparation to handle the subject. It should either be handled as a science and put on a par with other sciences or dropped from the high school course. The report indicates that 95% of the schools replying claim that they can not get teachers who are prepared to do satisfactory work in geography. Forty school superintendents make suggestions as to ways and means to remedy this deficiency and of this number twenty-six suggest specifically that the University should be asked to provide courses which will insure a thorough preparation in this subject as in other sciences.

The complete paper is to be published in The Journal of Geology.

"DEKES" ELECT OFFICERS.

The Delta Kappa Epsilon club of the northwest at the annual meeting of the organization held at the University club recently, elected Dr. Arthur C. Strachauer, Med. '08, president; Robert L. Meech, '08, secretary; and Howard S. Abbott, '85, a member of the advisory board.

INSTRUCTOR WILL TRAVEL.

Miss Harriet Goldstein of the University Art Department will sail May 30th for Naples. She expects to spend the summer in art study and travel, and will also attend the International Art Teachers' Congress, in Dresden, from August 12th to 17th.

A JAUNT THROUGH THE OLD WORLD.

Dr. Samuel N. Reep of the Department of Sociology and Anthropology will again conduct a party through Europe this summer. Alumni of the University of Minnesota and their friends are specially invited to join in this ideal vacation tour. The party will sail from Montreal June 22 and return to Boston August 11 making an excellent tour of about 51 days. The principal places of interest in Europe will be visited including Liverpool, Stratford-on-Avon, London, Paris, Versailles, Brussels, Cologne, The Rhine, Mayence, Lucerne, Interlaken, Lake Geneva, The Alps, Milan, Venice, Florence, Rome, Naples, Amalfi, Gibraltar, and the Azores Islands in mid-ocean. The cost for this high class vacation tour has been made remarkably low and such a party will be a source of education and enjoyment to every member. A delightful way to spend the summer, free from care and annoyance with nothing to do but to enjoy the wonders and beauties of the Old World.

Alumni who are interested should write to Professor Reep immediately for full information.

WIN FROM INDIANA.

The 'Varsity quint won from the Indiana team by a score of 26 to 17 in a game played at Bloomington, Ind. last Thursday night.

PERSONALS.

B. B. Ellis a former student who is with the E. J. Longyear company, exploring engineers, has been transferred to Houghton, Mich.

'75—Dr. J. Clark Stewart has removed his office from the Pillsbury Bldg., to 616 Syndicate Block.

'88 Ex—Ernest Kennedy, architect of Shevlin Hall and the Mining building, and his mother are at The Gordon, Washington, D. C. Mr. Kennedy and his mother expect to visit Professor and Mrs. Barr of New York City before returning home, via New Orleans and other southern points.

'92—Arthur H. Elftman who has mining interests at Tonopah, Nev., is in Minneapolis for some little time with an office at 416 Palace Building. Mr. Elftman is here in the interests of his mining business but expects to return to Tonopah in a month or six weeks.

'96—Professor Lee Galloway, of the department of commerce and industry of New York University, made an address at a recent meeting of the Republican Club of New York City, taking as his topic "The modern efficiency movement" and applied the principles to modern political conditions and campaigns explaining how methods had changed to meet changed conditions.

'97—W. F. Kunze has recently changed his city address to 3123 4th St. S. E.

'98—Evelina M. Haughwout who lives at 160 Waverly Place, New York City went to New York seven years ago and took a three years' course in social work and for the past four years has been financial secretary and social service worker in the Woman's Hospital. This hospital is the oldest hospital in the country for surgery in gynaecology. In a recent letter Miss Haughwout says there is a wonderful opening for women in social work and would advise any woman who dreads entering upon teaching to write to Miss Cumings, of the Intercollegiate Bureau of Employment, 38 E. 32 St., New York City, for information on new lines of work open college women. This bureau has published a book on the subject of new lines of work for college women and Miss Haughwout says this should be in every college

library in the country; since it is so helpful in its advice to women in the choice of their future work.

'00—Hector G. Spaulding who is the publisher of the Masonic Observer of Minneapolis, and Professor John A. Handy, '06 Pharm., made addresses at New Ulm on the evening of March 6th upon "Free Masonry."

'03—Ruth E. Babcock, professional nurse, has recently changed her address to 1231 Newton Ave. No.

'03—B. M. Jones who returned to Burma in December has taken up his work again. His address is 27 Creek St., Rangoon, Burma. His work has been largely along educational lines and it has grown so amazingly that it is impossible to keep pace with the demands made on the teaching force. The work of translation of the Bible which has been assigned to Mr. Jones will probably begin in June. While on a recent trip from Rangoon to Calcutta, Mr. Jones met C. L. Beery, '09, of Goldendale, Wash.

'04 Med—Arnt G. Andersen has recently been appointed Lieutenant Surgeon to the medical corps of the National Guard of North Dakota by Governor Burk. Since Dr. Andersen returned from Vienna he has again opened his hospital at Hillsboro, N. D., and has all that he can handle.

'04—John W. Dye who is American Consulate General at Boma, Kongo, South Africa, has just received a cablegram from Washington, D. C., notifying him of his appointment as American vice and deputy consul general at Smyrna, Turkey. Mr. Dye will go to his new appointment as soon as his successor arrives in Boma. Mr. Dye is very much delighted with the prospects of a change as the climate in Kongo gets on one's nerves and Smyrna is said to be a very desirable point. In a recent letter Mr. Dye says, "Hurrah for the U of Minn., I just got word of the 'Champions of the West.' I wish Minnesota could meet Princeton. It would spoil a lot of that 'Walter Camp All-American team dope.'" Mr. Dye spent Christmas with S. E. Moon, '00. He says they had a jolly American time at Kimpese mission station where he is principal of a training school for native teachers and evangelists.

'04 Mines—S. L. Shonts has recently changed his address from San Francisco, Calif., to Wallace, Idaho.

'06 Law—Arthur E. Arntson has recently removed from Minnesota to Red Wing, Minn., where he has opened an office for the practice of law.

'08 Eng—Oscar Bergoust recently returned from Canada. He is with the Canadian government checking up the water rights of Frazier river and tributaries.

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'08 Mines—C. F. Dahl is living at 5694 Aldamia Ave., Los Angeles, Calif.

'08—W. J. Gessell of Hanley, Sask., visited the University last week. Mr. Gessell is back at the University for the first time in two years. He is engaged in real estate business at Hanley and also has an interest in a farm near Hanley. Mr. Gessell reports business as very prosperous and prospects bright for another good year.

'08 Ex. Law—C. B. Hales is located at Seattle and is a member of the law firm of Arctander, Hales and Jacobson.

'08 Mines—A. G. Hoas has been designing a creosoting plant for the St. Paul & Tacoma Lumber company and is now superintendent of the construction of the same.

'08—Rewey Belle Inglis spoke before the Young Women's Christian Association last Tuesday afternoon upon "Problems of the teacher in the small community," specially the teacher's relations to her students.

'09—Alta P. Churchill assistant in the department of English, who has been ill since the holidays, has just returned to her work at the University.

'09—Jennie Erickson has recently been reelected principal of the high school at Franklin, Minn., at an increase in salary, the highest salary ever paid a principal at Franklin.

'09 Law—Vernon Forbes of Bend, Ore., is the first candidate in that state to announce his candidacy for the state legislature. Mr. Forbes is said to be very popular and his nomination and election practically assured.

'09—Robert Nelson of Osseo has removed to Blooming Prairie, Minn.

'09—W. A. Norelius who formerly resided at Luverne, Minn., is now in this city at 404-6 Palace Building. Mr. Norelius is associated with Wm. Bennett, merchandiser,

broker, business changes, and real estate. His home address is 2518 1st Ave. So.

'10 Mines—Kenneth J. Duncan is located at Tower, Minn., where he is employed by the Consolidated Vermillion & Extension Company.

'10—D. E. Hickey is superintendent of the schools of South St. Paul.

'10 Law—O. M. Holen is located at Seattle, Wash., and is associated with Cassius Gates, Law '08.

'11 Eng.—W. P. Cottingham of Toppenish, Wash., writes to protest that he is not living in the tropics as was stated in the Alumni Directory of the class of 1911. Mr. Cottingham is city engineer of Toppenish, Wash. There are three alumni of the University in that city. Wm. Shea, Jr., Ex-law '04, Clarence A. Bush, Ex-Chem. '11, and Mr. Cottingham. Mr. Shea is city attorney and the only reason Mr. Bush is not a city officer is the fact that he has been in town but a few days. These three men promise to give any other U of M man who may strike there, a good time.

'11—Frances W. Cowan is teaching English and history in the high school at Cando, N. D. She is enjoying her work very much.

'11—John Hartnett who is given in the directory of the class of 1911 as living in Toppenish, Wash., should be addressed at San Pedro de Macoris.

'11—Maurice A. Hessian who formerly lived at Le Sueur has opened an office at 900 Security Bk. Bldg., Minneapolis. He is associated with Paul J. Thompson, Law '01.

'11 M. E.—R. C. Oram, formerly with the American Blower Company of Detroit, is now in the city with the Morgan-Gerish company.

'05—Minnie L. Rank who has been engaged in missionary work in the Straits Settlements for the past five years is on her way back to America. In a recent let-

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ter she says, "I am proud of the U of M and shall always be glad it was my privilege to spend four years there. The Malaysia Annual Conference meets in Kuala Lumpur February 15th to 22nd, and immediately after that I am expecting to start for home. The five years I have spent here were full and happy and from this end they do not seem long. However I am glad to leave the East for awhile to visit dear old Minnesota. I am travelling via Europe and may go overland from Genoa. My Minneapolis address is 3408 2nd Ave. So."

'08—Naneen Blanchard Brink has recently changed her address from San Diego, Calif., to 751 Linwood Place, St. Paul.

'09 Ed—Amanda M. Whaley has been appointed to the department of English at the Humboldt high school in St. Paul.

'10 Law—Walter F. Wieland is practicing law at Brainerd, Minn., with A. D. Polk under the firm name of Polk & Wieland.

'11 Chem.—P. R. McMiller is employed as soil analyst at the University experiment station at St. Anthony Park.

'10—Louise Cotnam has recently changed her address from Monona, Ia., to Milford, Ia.

'10—Dr. R. H. Nelson is located at Missoula, Mont., for the practice of medicine. He has an office at 47, Higgins Block.

'10 Ag—F. E. Older has recently changed his address from Cokato, Minn., to Oconomowoc, Wis.

'10—Blanche Tennison has recently changed her address from Maple Lake to Monticello, Minn.

Ex '10—Allan J. Wash has recently moved from Waterloo, Ia., to Eau Claire, Wis. His address is Box 398.

'11 Med—F. W. Anderson of the Northern Pacific Hospital of Tacoma, Wash., was recently elected president of the Tacoma Revolver club.

'11—Emily Tupper is visiting at 400 Madison Ave., Lakewood, N. J. She will be there for the balance of the year.

'11 Ed—Clemantine Whaley is principal of the high school at Melrose, Minn.

'12 Law—Orrin Larrabee has opened an office at Chippewa Falls, Wis. He will be associated with his brother, Walter Larrabee. Besides their law practice the firm will do a real estate business.

Paul Johnson, a student of the college of engineering, has located at International Falls, Minn., and will engage in a contracting business as a member of the firm of Zeta & Johnson.

'02—Clara Hillesheim is teaching at Kasson, Minn.

'04 Eng.—John Wicks has recently changed his address from Oakland, Calif., to Box 1451 Dallas, Texas.

'07—Carl W. Blegen, who is spending his second year at the American School of Archaeology at Athens, Greece, was recently awarded the American School scholarship which amounts to six hundred dollars a year. Mr. Blegen recently met Professor Hutchinson who is spending the year in Greece.

'09 Eng.—Mark L. Hopkins has recently changed his address from St. Louis, Mo., to R. F. D. No. 1, Minneapolis.

'09—Mary G. Rice is teaching at Cannon Falls, Minn., this year.

'11—J. E. Anderson is principal of the graded schools of Jasper, Minn. Mr. Anderson is enjoying his work in a new school building which was erected last summer at a cost of \$30,000. This building is one of the finest school buildings of its kind in the state.

Miss Helen Griffith who was formerly an instructor in the University, and who left the University to do graduate work at Columbia University, has been spending the last two years in graduate work at the University of Chicago. Her present address is 1155 East 62 St.

Nat Fryckman, a former student in the '09 law class, who has divided his time the last few years between Seattle and Alaska, has just located in Frisco. In view of the opening of the canal and the World's Fair,

Alumni Professional Directory

This directory is published for the purpose of affording a convenient guide to Minnesota Alumni of the various professions, who may wish to secure reliable correspondents of the *same profession* to transact business at a distance, or of a special professional character. It is distinctly an *intra-professional* directory. Alumni of all professions, who, by reason of speciality or location are in a position to be of service to Alumni of the the same profession, are invited to place their cards in the directory.

Professional cards in this directory are classified alphabetically by states, alphabetically by cities within the states, and the names of alumni (or firms) in each city are likewise alphabetically arranged. The price of cards is six dollars a year. This includes a free subscription to the weekly

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everyone about the Golden Gate region is most optimistic over business and Mr. Fryckman has come to get his share of prosperity. His address is Delta tau Delta House, Berkeley, Calif.

Robert Trace, a former student in the '11 law class, has just resigned his position with a Seattle Daily. Mr. Trace spent several days in 'Frisco and other Bay Cities, but has now located in Los Angeles, where he thinks business prospects are the brightest on the coast.

WEDDING.

Einar Hoidale, Law '98, and Miss Martha Skjei were married March 7th, at Madison,

Minn. Mr. and Mrs. Hoidale will be at home to friends after April 15th at The Leamington.

DEATHS.

Dr. Robert Rasmussen Rome died in this city last Tuesday shortly after his return from Florida. Dr. Rome had been suffering from kidney trouble for some considerable time and went South in the hope of being benefited by the change of climate.

Dr. Rome was born in Denmark, March 4, 1865. His education was received at Denison University, Rush medical college and Hahnemann college, Chicago, from which he graduated in 1891. The following year he graduated from the University with the degree of doctor of medicine. Before taking up the study of medicine he supplied the pulpit of the, Albert Lea Baptist church, 1889. Two years after graduation from the University, Dr. Rome became associated with the College of Homeopathic Medicine and Surgery as adjunct professor of clinical obstetrics. Two years later he became clinical professor of obstetrics and six years later professor of diseases of women. In 1903 he was made senior professor of gynecology which position he held until the abolition of the College of Homeopathic Medicine and Surgery. Dr. Rome was the author of many articles for medical and surgical journals and was the inventor of several surgical instruments.

Marie Erd, died of pneumonia, last Tuesday, at the Northwestern Hospital in this city. Miss Erd was the daughter of John B. Erd of Duluth and a member of the class of 1911.

TRIGGS MAY HEAD NEW COLONY.

Oscar Lovell Triggs, '89, whose name was frequently in the newspapers some years ago and who has been for a number of years past a member of the Mme. Tingley Point Loma, Calif. colony, is likely to be called to head a new colony to be established at Kinman, Ill. Mrs. Springer, wife of the real estate man who died recently leaving her something like two million dollars, has decided to establish a colony on a 2,000 acre farm near Kinman, Ill., sixty miles from Chicago. The farm will be peopled with families from the congested tenement districts of Chicago and the establishment of a social community for the industrial and educational betterment of people lagging behind in the city struggle for existence. It is said that Mrs. Springer plans to call Mr. Triggs to take charge of this work. Mr. Triggs had consulted with Mr. Springer prior to his death about the establishment of such a colony and it is very probable that he will welcome this opportunity to take up a line of work to which he is so thoroughly devoted.

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Minneapolis.

E. B. JOHNSON, '88 Editor.

EARLE R. HARE, M. D., '00.

Editor of the Special Medical Issues.

HARRY WILK, '12, Advertising Manager.

COMING EVENTS.

Monday, March 25, L. J. Boughner, Minneapolis Tribune, Journalism as a career—Chapel hour.

4 P. M. Modern Thought and religious belief—Professor E. C. Moore, Harvard.

Tuesday, March 26. The industrial worker—where and how he works—Don D. Leschier, 12 M., Physics Building.

8 P. M. Professor Kovarik—Repeats his illustrated lecture upon Radioactivity.

Wednesday, March 27, Chapel—Social settlement work as a career—Caroline M. Crosby.

4 P. M.—University Lecture by George Norton Northrop—Edward Hyde, Earl of Clarendon, as a man of letters.

Thursday, March 28, Rev. Klyne, The practice of immortality, Y. M. C. A. Bldg., 12 M.

4 P. M. Modern thought and religious belief, Professor E. C. Moore, Harvard.

10 A. M. 4th Annual meeting of the Minnesota Psychological conference begins.

Friday, March 29, 2 P. M. Afternoon session of the Psychological conference.

Saturday, Easter recess begins—ends Monday, April 8th.

A FAIR PROPOSITION.

There seems to be some misunderstanding, in the minds of some alumni, regarding the stand which the Weekly has taken toward football. We cannot state too emphatically that we have at no time advocated the abolition of the game. To point out evils which threaten the existence of the game is a very different matter from attacking the game.

Nor can we call to mind a single sentence, spoken at the annual meeting, that can fairly be construed as advocating the abolition of the game of foot-ball.

As to the question of eligibility, the Weekly has stood for ten years, ever since it was established, for the single scholarship basis, with a one-year residence rule to cut out ringers. This position of the Weekly has been approved by the alumni gathered at a special meeting held to consider the question—not a dissenting vote being recorded.

We have yet to hear a logical argument against this stand. It is our judgment, that the only question that concerns the University, is, whether the candidate is doing his work in a satisfactory manner and is not attending the University, primarily, for the sake of taking part in athletics, but, for an education. Why forbid a man to teach a class in gymnasium to help him pay his way through college? This is a field that is open to many athletes and in which they can render a real service to the community. Why should such men, who are compelled to earn their living, be obliged to forego the right to take part in college sports, in which they find healthful exercise and the joy of living?

The Weekly has based its statements on facts, which any careful observer may substantiate for himself. If anything is wrong, it is the facts that are to blame, and not the Weekly. But the question of facts, and the obvious conclusions which such facts predicate, have gone practically unchallenged.

We ask those who feel that the Weekly has been attacking the game of football to read again with care, the articles upon which they base their judgment. If anyone can point out a single paragraph, which, taken in its proper setting, can be fairly construed as advocating the abolition of the game—we will retract that statement.

Let us be sportsmen and face the facts and follow them to their logical conclusion. The game of football has outlived the attacks of centuries and doubtless will outlive the attacks of ages yet to come—if it can shake off the evils which have grown up around it and which threaten its usefulness. We who favor the game, and want to see it continued, do not help matters by shutting our eyes and denying that evils exist.

ATHLETICS FOR ALL.

The following paragraphs are quoted from the Cornell Alumni News.

"Then it would be a good thing for college athletic sport if its commonly accepted standard of success were the number of students who take part in it and benefit by it, instead of being the amount of space it gets in the daily newspapers. And we believe that that is the ideal toward which the universities are tending. College athletics can be helped by emphasizing that it ought to be considered a sport rather than a spectacle, social and not commercial, an end in itself instead of a means to a wholly dissimilar end."

"When intercollege and interuniversity games are related parts of a single system of athletics, then we shall have the true avator of the college athletic spirit. Neither one is complete without the other. The universities are beginning to perceive that they have developed athletics in an unnatural way. Interuniversity competition should be simply the flowering of the athletic plant; but we have cultivated the flower while neglecting the plant or even pinching back its growth. Now we can see that we have injured its vitality and that if we develop the plant normally the flower will take care of itself. Interuniversity competition is the flower. The plant is 'athletics for all' within the University."

THE ALUMNI DIRECTORY.

It is proposed to issue an Alumni Directory some time the coming fall, probably about the first of November. This directory will be as complete and up-to-date as it is possible to make it. In order to make it of the highest usefulness we must ask the hearty co-operation of all of the alumni in securing the necessary material. If members of the various classes will look over their last alumni directory, which was issued in the summer of 1910, and report to us any changes or corrections which they know should be made, this will aid us very materially in making the new directory of the highest usefulness to everyone.

The new directory will contain the names of over 9,300 living alumni with their occupations and addresses listed in three alphabets. First by colleges and classes, second alphabetically and third by locations. The directory will fill something like 180 solid nonpareil pages.

All regular subscribers to the *Weekly* will get this number as a special issue of the *Weekly*. Those who are not subscribers can secure the same by paying one dollar in advance at the time their order is placed. On the date of publication the price will be advanced to two dollars for this directory issue, and, to those who are not alumni, the price will be five dollars. Only two hundred extra copies will be

printed and when these are gone it will be impossible to secure additional copies.

There is no other alumni publication in the country that furnishes an alumni directory as one of its regular issues. The cost of this single issue will be (including postage for collecting material) fifteen times as much as any regular issue through the year.

A great many alumni do not seem to appreciate the desirability of replying promptly to the cards that are sent out so as to have their name and address correctly listed in this issue of the alumni directory. It is the best means the alumni have of keeping in touch with other alumni. The list of alumni, by location, makes the directory exceedingly useful, although it adds greatly to the cost, by making it possible for an alumnus who is traveling about the country to get in touch with other alumni, and with friends, who might otherwise be missed. We hope that the subscribers to the *Weekly* will heartily co-operate with us in making this new directory more complete and useful than any of its predecessors. This directory will be the sixth issued as a special number of the *Weekly*.

MINNESOTA MEN ARE SPORTSMEN.

Last week we had occasion to copy from the *Wisconsin Daily Cardinal* an editorial concerning the treatment which the Wisconsin basket ball team received at Minnesota. Since that time the Wisconsin athletic bulletin has come out with the following statement which we believe will be of interest to every Minnesota alumnus:

Have we been taught a lesson by the University of Minnesota? Have we held a wrong impression of the sportsmanship of our sister university in the north?

These are questions that the students of the university have been asking themselves since the return of the members of the basketball team from Minneapolis, where they won their hardest game of the year last Saturday night.

According to the reports of the men who played in the game, of those who witnessed it, of Coach Meanwell, the cardinal team was accorded the most sportsmanlike treatment that it has ever received—that it could receive anywhere in the country.

The game itself was fiercely contested from the time that the first whistle blew until the end. It was hard fought. The Badgers, anxious to maintain their clean record, played as they never played before. The Gophers, desirous of being known as the team which defeated the strong Badger five, put forth their utmost efforts. And yet it was not a "gruelling" contest.

There were many opportunities in the course of the game when intentional roughness might have been passed unnoticed on the grounds of mere anxiety. Yet there

was none. The men played hard, but without malicious intentions.

And the treatment accorded the team by the spectators was at all times gentlemanly. When the Badgers ran out onto the playing floor the University of Minnesota band started "On Wisconsin." When Van Gent shot some of his spectacular goals, when Johnson did some exceptionally clever bit of blocking, when Stangle and Scoville did extraordinary work, the rooters cheered them. And, finally, but more important than all, they did not "hoot" the officials.

In this last they showed better spirit than we have shown at times this year. Let us continue to win from Minnesota and let us not allow them to surpass us in good sportsmanship.

THE 1912 SUMMER SCHOOL.

The University of Minnesota will hold a six weeks summer session from June 17th to July 26th. Seventy courses are offered in languages and literatures, mathematics, history, political science, economics, sociology and anthropology, philosophy, psychology and education, in the physical and biological sciences, with special courses in mathematics, shop work and mechanical drawing for engineering students and teachers of manual training. Because of the introduction of the Scandinavian languages into the public high schools, for the first time advanced courses in Norwegian and Swedish will be given by Professor Gisle Bothne and Professor A. Stomberg. The instructors are drawn in great part from the faculties of the University of Minnesota, but Professor Dana C. Munro of the University of Wisconsin has been engaged to give a morning course in medieval history and public afternoon lectures twice a week on the Crusades. Dr. Edgar E. Robinson, of Leland Stanford, will give a course in American history. Professor George O. Virtue of the University of Nebraska will teach economics and Mr. Arnold J. Lien of the University of Colorado will be in charge of the work in political science. Dr. Alfred E. Richards of the University of Washington will give the introductory courses in English literature.

The attendance at the session has grown steadily and last summer it was about double the enrollment of a few years ago.

CONFERENCE OF DEANS OF LIBERAL ARTS COLLEGES OF STATE UNIVERSITIES.

The conference, which each year meets at one of the state universities, met this year at our University on the 19th and 20th. The following deans were present: E. A. Birge, Wisconsin; Wm. C. Wilcox, Iowa; Isidor Loeb, Missouri; Ellery W. Davis, Nebraska; Edgar J. Townsend, Illi-

nois; Wm. Rawles, Indiana; J. S. Buchanan, Oklahoma; E. S. Perisho, South Dakota; John F. Downey, Minnesota. Dean J. O. Reed, of Michigan, was prevented from coming on account of illness and Deans Olin Templin, of Kansas, Joseph V. Denny, of Ohio, and F. B. R. Hellem, of Colorado, were prevented by other reasons.

The first paper presented was on college credit for courses in the professional schools. What Dean Davis advocated corresponds with the practice of Minnesota in its combined academic medical courses, its combined academic law courses, and the credits allowed when a student of one of the engineering courses transfers to the college of science, literature and the arts.

In the absence of Dean Denny, of Ohio, who was to present a paper on The college as it is related to the normal school, the department of education and the school of education, Dean Birge led a discussion on the same topic. He explained the arrangement recently made in Wisconsin for having the normal schools do such college work as will admit their students to the junior year. This work is on subject matter such as is given in the university, and is distinct from the review work and methods of teaching given to those students in the normal schools who are preparing to enter upon teaching after two years spent in the normal schools. This will relieve the university of the burden of so many students in the first two years of work, and will at the same time enable students to take the first two years of the university course at a school nearer their homes and in smaller classes. The third paper was on The desirability and possibility of greater uniformity in terminology and organization in American universities, and was presented by Dean Downey, of the University of Minnesota. He showed that while department, curriculum, and division can be used and generally are used in the sense defined recently by the association of American universities, the terms course, group, college, and school are not, and can not well be, restricted as in the definitions adopted. He thought our attention should be directed towards greater uniformity in organization, suggesting that uniformity of terminology would follow. In this connection he suggested that if all would adopt the plan of a junior and senior college, with two years each, and if all the professional schools and colleges would require for admission two years of properly selected work from the curriculum of this junior college, many advantages would result.

First, it would give the same degree of preparation for all the professional schools and colleges.

Second, it would give to students interests broader than mere professional ones, create better college spirit, and often lead

them to go on to the securing of a more liberal education.

The fourth session was given to what is called the Melting Pot, consisting of any matters which the various deans wish to have discussed with a view of learning the results of the experiences of others. This always proves a most profitable session.

The deans were entertained while in Minneapolis by various members of the faculty. They were all given a luncheon, a dinner, and an evening reception by Dean and Mrs. Downey. The next meeting will be held at the University of Iowa.

BUSINESS TRANSACTED BY THE REGENTS.

The following items of business transacted by the Board of Regents at meetings of the executive committee have not previously been published in the Weekly.

The following appointments were made:

Edwin H. Hewitt as professorial lecturer in architecture and consulting architect of the board, \$2,500 per year, beginning August 1, 1911, correspondence between the President and Mr. Hewitt to constitute a memo of agreement to be filed as part of the minutes.

O. C. Babcock as assistant in entomology, college of agriculture, for one year beginning June 1, 1912, at a salary of \$1,500 a year, \$1,000 from amount released by Mr. Spooner's resignation, \$500 to be supplied from Mr. Washburn's budget from special funds.

Miss Bessie Bemis as head of the division of domestic science to take the place of Miss J. L. Shepperd, on leave of absence, for one year beginning August 1st, 1912, at a salary of \$1080.

Miss Clara Aust as assistant in domestic science, 12 months at \$850.00 to take the place of Miss May C. McDonald, on leave of absence from August 1st, 1912.

Temporary transfer to Professor Thomas W. Mitchell of the administrative duties of the extension division, department of economics and political science for the remainder of the year with an added honorarium of \$100.

Leave of absence was granted as follows:

Miss May C. McDonald for one year beginning August 1st, 1912, without pay.

The following trips were approved:

Dean John F. Downey as delegate to the meeting of the North Central Association of colleges and secondary schools to be held March 22d and 23rd at Chicago.

H. A. Hildebrandt to Chicago and Madison for the purpose of investigating conditions and management of buildings and grounds, heating plants, etc., in other universities. \$54.00.

Voted to change the title of the College of Law to the title "The Law School."

Voted to limit the number of freshmen in dentistry to eighty-five.

Voted to approve the selection of candidates for the freshman class in dentistry with the understanding that except in the case of students from abroad non residents shall not be accepted until all eligible Minnesota candidates have been accepted.

Voted that the Bryan prize should be offered every four years, making possible a prize of \$50.00. The interest now accumulated will be sufficient for a prize for the next academic year. The following recommendation of the President for the establishment of a Council Committee on University extension was approved.

"This committee to be made up of the President, the deans in whose colleges extension work is offered, the executive heads of such extension work as is now being given, and three other members to be appointed by the Council.

It is recommended that the Regents establish the position of Director of University Extension, who shall be immediately responsible to the committee on University extension.

The Regents authorize the creation of a University extension budget in which the University extension appropriations will appear together with the fees received from the University extension students.

The Regents, as a temporary measure pending adequate appropriations for these purposes, authorize the Director of University extension to arrange with the members of the regular staff to give extension courses and to be paid for this work out of the funds of the extension budget.

The Regents approve the offering of a wide range of college courses in St. Paul, Minneapolis, and, if possible, in Duluth. It is understood that the giving of such courses will be made contingent upon sufficient registration in each case to warrant the offering of the courses."

Voted to approve the recommendation of the college of medicine and surgery that the seventh year requirement in medicine may be met either by service as a hospital interne or by service as an investigator in the medical laboratories of the University.

Voted to refer to the President for further conference with the committee the proposal of the Young Women's Christian Association to make a contribution for the decoration of the Chapel.

Voted to authorize the Comptroller, in consultation with the State Auditor to employ a competent person to prepare a record of the real property granted and bequeathed to and now owned by the State University.

MEETING OF BIG EIGHT PRESIDENTS.

Last week, at the invitation of President Harris, of Northwestern university, the

presidents of the colleges constituting the conference met at Chicago. The session lasted parts of two days, Wednesday and Thursday. The meeting developed no radical difference of opinion and the action taken was by a unanimous vote. The resolutions follow:

"Intercollegiate athletics have educational advantages which should be retained.

"To this end the conference is essential and should be retained.

"The amateur basis and spirit for intercollegiate athletics should be sustained.

"The presidents recommend to their respective universities that the conference rule should be amended so that each institution be represented by two members of the faculty at least, one of whom shall have no connection with the department of physical training."

The alumni committee entertained the presidents at luncheon, and stated to them the views of the alumni committee, which were absolutely opposed to anything that savored of approval of professionalism and favoring the development of intra institutional athletics, for all students.

MINNEAPOLIS DENTISTS ANNUAL CLINIC.

The Minneapolis Dental society held its annual clinic last Friday and Saturday. More than five hundred dentists from all over the northwest were present. The following named alumni gave clinics: Dr. A. A. Zierold, '07, Pyorrhea; Dr. A. A. Pagenkopf, '09, Corcoran anterior bridge, posterior removable bridge with over-arch bar; Dr. J. W. S. Gallagher, '07, Malletted gold filling—posterior; Dr. E. W. Shibley, '08, Cast splints; Dr. C. A. Griffith, '07; Showing several cases of implantation; Dr. D. S. Bacon, '02, Demonstration of Jackson's orthodontia appliance; Dr. U. E. Heddy, '06, Screw attachment in removable bridge work; Dr. F. S. Meyer, '02, Instrument measuring expansion and contraction of inlay wax; and, Cavity preparation to facilitate seating of inlay; Dr. Thomas B. Hartzell, '03, Demonstration of pyorrhea instruments; Dr. S. R. Winter, '09, Amalgam fillings.

Of special interest were the talks and demonstrations presented on the recently adopted methods of implanting teeth, both natural and artificial and the progress that has been made in the treatment of pyorrhea.

KIENHOLZ INVESTIGATES KELP.

W. S. Keinholz, '04, who is connected with the Los Angeles schools doing biological research at Long Beach, Calif., has been making an investigation of the kelp fields which extend along the coast and which offer an unlimited supply of potash. Mr. Kienholz's investigations have shown

the possibility of development in this line and a company has been organized and is actually at work harvesting the so-called bull kelp and turning it into valuable chemical products such as potash, iodine and other by-products.

ANNUAL SOILING AND HAY CROPS.

Bulletin number 25 of the Minnesota Farmers' Library has just been issued. It is devoted to "Annual soiling and hay crops." The bulletin was prepared by Professor Andrew Boss of the experiment station. Professor Boss discusses the various pasture crops, soiling crops and hay crops. The bulletin is well illustrated.

RETIRING PRESIDENT'S ADDRESS.

The address of Professor F. L. Washburn of the agricultural department, was printed in the *Journal of Economic Entomology*, Vol. 5, No. 1. Professor Washburn's address was upon "The relations of the station entomologist to his environment." He discusses this under thirteen different headings, each devoted to a distinct division of the entomologist's work.

BOOKS BY RYAN.

Professor Wm. T. Ryan, Eng. '05, assistant professor of electrical engineering, has just issued through John Wiley & sons of New York and London, the first of a series of three volumes upon "The design of electrical machinery." This is a manual for the use, primarily, of students in electrical engineering courses.

The first volume which has just been issued is devoted to a study of the design of direct-current dynamos. This is an octavo volume of 118 pages very fully illustrated.

The second volume which is in press and will be ready about the 1st of April is devoted to alternating current transformers.

The third volume which is in preparation and will be ready shortly, will be devoted to alternators, synchronous motors and rotary converters.

In his introduction the author says that he has drawn very largely from information obtained from the Westinghouse Electric and Manufacturing Co., of Pittsburg, Pa., and from the Electrical Machinery Co., of this city. The author realizes the limitations of his subject and that it is not possible to develop a real designer in a college course nor is there any set of rules that can be applied in all cases. There are, however, certain fundamental scientific principles which can be laid down definitely and taught with precision. While the volume contains much of practical value its main object is to present as clearly and briefly as possible the fundamental principles upon which the designer necessarily rests.

PHI BETA KAPPA ELECTIONS ANNOUNCED.

Last Wednesday morning in the University chapel the elections to Phi Beta Kappa from the class of 1912 were announced as follows:

Earle C. Bailie, Minneapolis. Miss Augusta Bjeldanes, Madison, Minn. Homer W. Borst, Minneapolis. Miss Alice Branham, Minneapolis. Miss Bertha M. Brechet, Minneapolis. Miss Lydia B. Christ, Minneapolis. Miss Grace O. Davis, Minneapolis; Miss Marie B. Deneen, New Richmond, Wis.; George H. Gamble, Rochester, Minn.; Miss Ruth Jessup, Minneapolis; Miss Gratia R. Kjerland, Minneapolis; Alan J. McBean, Minneapolis; Miss Solveig Magelsson, Minneapolis; Guy C. Menefee, Albert Lea, Minn.; Mrs. Marie C. Nehls, Minneapolis.; Miss Jean Russell, Minneapolis; Miss Louise M. Sumner, St. Paul; Theodore Utne, Dalton, Minn.; Percival W. Viesselman, Minneapolis; Miss Effie M. Wicklund, Bingham Lake, Minn.; Miss Tillie Will, Minneapolis.

Officers of the society for 1912 and 1913 have been elected as follows: President, William S. Davis; first vice president, Joseph M. Thomas; second vice president, Joseph W. Beach; secretary, J. B. Miner; treasurer, James T. Gerould; members at large of the membership committee, Charles F. Sidener and Dr. Alois F. Kavolik.

BRYAN CHOICE OF CONVENTION.

Not for years has there been a meeting at the University which aroused more interest than that held at the University Armory last Wednesday evening when a independent political convention representing all parties met at the Armory to nominate an independent candidate for the presidency of the United States.

Every state was represented by delegates, there being 510 in all. The states in which equal suffrage is allowed were represented by solid delegations of women.

The platform submitted by the committee on organization was adopted with one change. A very strenuous effort was made on the part of the Taft supporters to defeat the plank advocating a judicial recall. The amendment was lost and the plank was allowed to remain in the platform. Then the advocates of national prohibition submitted their plank and after an exceedingly hot fight this was adopted and incorporated in the platform.

A brief summary of the platform follows:

1. Initiative, referendum and recall of all governmental officials. 2. Presidential primaries. 3. Election of U. S. senators by direct vote of people. 4. National income tax amendment to Constitution. 5. Recommendations of candidates for Supreme Court to be published by the president three weeks before appointment. 6. Publication of stock-holders of magazines,

newspapers and other current publications. 7. Corrupt practice act to limit expenditures of candidates. Expenses of candidates published. 8. Strict regulation of railroads. Reasonable extension of powers of interstate commerce commission without judicial review. 9. Revision of tariff downward. Material reduction to necessities of life. 10. Federal control of all corporations doing interstate business. 11. Opposed to Aldrich currency system. 12. Opposed to ship subsidy question. 13. Equal suffrage for women. 14. Conservation of national resources. 15. Furthering of international peace. 16. Legislatures to control injunctions and other labor legislation. 17. Extension of civil service to all federal employees. 18. Extension of parcels post. 19. National Prohibition.

After the convention was organized nominating speeches were made and the balloting began. The first ballot resulted in no choice although William Jennings Bryan led by a considerable majority. The second ballot resulted as follows: Bryan, 204; Taft, 69; La Follette, 62; Roosevelt, 42; Stewart (Prohibition), 3; Debs, 2; "Bob" Dunn, 1.

Although the 240 votes which Bryan received were not sufficient to give him a majority vote in the convention, the hour was so late that the Convention broke up without further balloting. The followers of Bryan declared him the nominee of the convention.

The president of the University Bryan Club telegraphed Mr. Bryan the results of the convention and expressed the hope that the Minnesota students would have an opportunity to vote for him for the presidency the coming fall.

The attendance at the meeting was somewhere in the neighborhood of 1500 spectators intensely interested in the first big attempt to stage a national political convention at the University.

The result of the balloting was decidedly different from that of the straw ballot taken by the same organization some weeks ago. That ballot resulted as follows:

Men's ballots	1st	2nd
Roosevelt	258	164
La Follette	175	188
Wilson	159	189
Taft	105	159
Bryan	59	62
Harmon	13	5
Debs	20	10
Totals	789	777

Women's ballots	1st	2nd
Roosevelt	60	31
Wilson	50	52
La Follette	34	46
Taft	22	15
Bryan	19	14
Harmon	1	0
Debs	1	2
Totals	187	160

COLLEGE OF MEDICINE AND SURGERY.

Dr. Earle R. Hare, Editor.

PERSONALS.

Dr. W. S. Titus, '04, after a three months' absence in California, has returned to Osakis.

Drs. L. B. Wilson, '06, of Rochester, and C. C. Pratt, '06 of Mankato, were present at the meetings of the Minnesota Pathological society, Tuesday, March 19th.

Dr. Charles W. Bray, '95, of Biwabik, was a recent visitor at the University hospital clinic.

Dr. Wm. P. Lee, '94, and wife spent several weeks touring the South and Cuba. They have now returned to their home at Northfield.

Dr. John E. Campbell, '01, of South St. Paul, is a recent appointee of Governor Eberhart, as a member of the State board of medical examiners.

Dr. H. A. Beaudoux, '95, of St. Paul, is interested in the management of the Minnesota Eye, Ear, Nose and Throat hospital, situated at White Bear.

Dr. F. F. Westbrook is soon to leave for a much needed rest. He will be absent from his office for a period of six weeks.

MARRIED.

Dr. Mary Parker Hopkins, class of '01, of White Bear, to Jeans Riis Brandrup, of Mankato. They will make their home at Mankato.

THE ACADEMY FELLOWSHIP.

The fellowship established by the Minnesota Academy of Medicine, some three years ago, has just been awarded to Dr. Frederick W. Schlutz, who occupies the position of research associate in the department of physiology and pharmacology. The laboratory work in this study, which will extend over a period of ten months, will be done in this department. The subject of investigation is "The metabolism of infants" and a ward in the Elliot Memorial building will be devoted to the care of children who may be suitable subjects for investigation. This side of the work will be in charge of the department of medicine. The fellowship will not only provide for the pursuit of a piece of valuable research, but will encourage the collaboration of related departments in the college of medicine and surgery in post-graduate study.

THE SCHOOL FOR NURSES.

The School for Nurses of the University of Minnesota, which was organized by the board of regents three years ago, graduated

its first class of students early in the present month. The event was made the occasion of a reception given to the graduating students at Shevlin hall, to which the faculty of the College of medicine and surgery and the friends of the graduates were invited.

This class numbers four and the young women receiving the degree of graduate in nursing are Miss Margaret Ames, Miss Mary M. Marvin, Miss Mary Mark, and Miss Olga Skonnard.

The award of their diplomas will be postponed until the commencement exercises in June.

EDITORIAL.

At the meeting of the council on medical education of the American medical association held February 26, 1912, a paper on "The relation of the medical school to the interne or hospital year" was presented by Dr. Reuben Peterson, professor of obstetrics and gynecology of the University of Michigan. After discussion had been had on this paper, a resolution was passed requesting the council to appoint a committee to investigate the various hospitals of the United States with a view of standardizing them as to their efficiency in relation to interne service and clinical teaching. It was understood that this is preliminary to recommendation by the council of a compulsory fifth or hospital year as a part of the regular training of all medical students.

The above statement is of peculiar interest to Minnesota, as our college is already requiring of her graduates that a fifth year be spent in residence at some accredited hospital. To this end, a committee consisting of Drs. Baldwin, White, Mann, and Litzenberg has been appointed by our college to investigate, report upon, and classify the hospitals of Minnesota in relation to interne work for our graduates.

The regular monthly meeting of the Minnesota pathological society was held March 19, 1912.

The following program was presented:

Paper: The intracellular liquids in fatty metamorphosis, Dr. E. T. Bell.

Paper: Changes in the kidney resulting from tying the ureter, Dr. J. F. Corbett.

Paper: Influenzal meningitis—report of a case with post-mortem findings, and review of literature.

History and symptoms, Dr. J. P. Sedgwick.

Bacteriology and literature, Dr. W. P. Larson.

These papers were of great interest and scientific worth, and showed results of much original work on the part of the authors.

The burning of Millard hall on the night of March first will be felt as a personal

loss by every graduate in medicine since 1892.

During the past few years, this building has been seriously damaged four times by fire. It will be remembered that two years ago, a part of one of the walls fell, during Dr. J. E. Moore's lecture to the junior class. Dr. Moore was seriously injured, and a number of the class received minor bruises and contusions.

It is now decreed by those who know, that the walls have been so weakened by these various fires, that it is not again safe to attempt the reconstruction of the building. And thus we see the passing of this, the oldest and the best known of all our Medical buildings.

In the *Weekly* of March 11th, on page 5, a communication signed by Bert Russell takes occasion to criticize the article written by Dr. Jordan, the professor of bacteriology at Chicago university. Dr. Jordan is a man of country-wide reputation, and an authority in his line. He has made a careful study of disinfection following infectious and contagious diseases, the subject of which he wrote. The question under discussion is not the **efficiency of disinfection** following diphtheria and scarletina, and other infections of like character, but of the **necessity for such disinfection**. Oft repeated experiments, carried out by competent investigators, have failed to show that disinfection has restricted the spread of these diseases. If that be true, then why should such large proportions of public health money be spent for that which brings no benefit? It is the truth that we want, and the truth must be evolved by scientific investigations such as those mentioned by Dr. Jordan.

Competent criticism is not only helpful, but wholesome, and always welcomed. But criticism based on misapprehension or misinterpretation of facts is distinctly harmful to the spreading and acceptance of the truth.

DEATH OF LORD LISTER.

On the morning of February eleventh, in London, there occurred the death of a world-famed surgeon, Lord Joseph Lister.

Lord Lister, born in 1827, was perhaps the most distinguished medical scientist of the 19th century. He was the originator of what is known as the "antiseptic" method of treatment in surgery, and sometimes spoken of as "Listerism." It was in 1867, while surgeon at the Royal Infirmary of Glasgow, that he brought forth this epoch-making method of treatment, which banished the ever-present wound infections and pointed the way to the aseptic methods so universally used today.

Surgery has been rendered safe, said M. Lucas-Championniere. "After Lister it

has been possible to declare that no one shall die in consequence of an operation."

In those days, surgery dealt only with the exterior of the body, but now, "modern surgery no longer stops at the exterior, but has gone deeper and deeper, and now includes every organ of the body."

The work of Lord Lister stands forth as one of the great milestones in surgery, and will live and grow with the passing of time.

ANSWER BERT RUSSELL.

To the Editor of the *Alumni Weekly*:

In the *Weekly* of March 11, 1912, a correspondent criticizes (p. 5) Dr. Jordan's article in the issue of February 25, 1912, p. 25. He condenses his criticism thus: "If this article contains any 'doctrine' it is the advocacy of small unventilated rooms filled with sewer gas without disinfection after contagious disease." He evidently has understood Dr. Jordan as **objecting** to sanitary plumbing and to good ventilation as well as to terminal disinfection, and demands appropriate substitutes, before these are abandoned.

Dr. Jordan, now and for at least a decade past, professor of bacteriology in the University of Chicago, an author of international standing whose books are in every bacteriologist's hands, needs no defense from me. But it was in response to my request that Dr. Jordan very courteously permitted the reprinting of his article in this series and I ask permission to discuss this letter, although since Dr. Jordan's precise and elegant English has been so misunderstood, further communications from me may be of dubious value. One thing at least, this letter shows—that the campaign to enlighten the public is no work of supererogation.

Dr. Jordan's article in substance makes the following points—that health departments efforts should be directed against disease; that certain operations traditionally done by health departments, because traditionally supposed to relate to disease, should now be abandoned or turned over to others, since modern investigation shows that they do not so relate.

He urges that the infectious diseases are not due to sewer gas; or to poor ventilation; that therefore plumbing and ventilation are not health department work; further that terminal disinfection for scarlet fever and diphtheria is useless, and there is no use doing it at all for these diseases.

Had Dr. Jordan made the statement that **illuminating gas and electric wiring** (instead of sewer gas and plumbing) were not causes of infectious disease, (a statement that would be freely admitted by all but, is no more true than the other) would it have been quite fair to say that this constituted advocacy of filling homes with illuminating gas or of abandoning electric wiring of houses?

Both plumbing and electric wiring are valuable utilities—but neither has any relation to typhoid fever, diphtheria, small-pox or any other such disease. Some department should supervise them. But there is no reason why health departments should do so. No substitute for plumbing is required or desired; merely the transfer of its supervision to some other hands. The same arguments apply to ventilation—with this difference. The principles and practice of ventilation (unlike those of plumbing) are in chaos. Until they become fixed, the supervision of ventilation must remain, whoever handles it, a most dubious occupation.

Terminal disinfection following scarlet fever and diphtheria stands on a different footing. Unless this operation restricts the diseases it is done for, it has no value at all.*

* Few cities do it regularly and systematically for any other diseases except for small-pox and of late for tuberculosis.

An operation which costs 10 per cent of the total annual health department appropriation for all purposes should show some tangible returns; it should reduce by 10 per cent at least the number of cases of the diseases for which it is performed. But for tuberculosis alone is terminal disinfection of real value and for this disease it is comparatively seldom done.

Chapin and others have shown for scarlet fever and diphtheria, where it is chiefly done that this 10 per cent of expenditure does not produce 10 per cent of returns, nor 5 per cent nor 1 per cent—in fact in Providence, when terminal disinfection was abandoned diphtheria fell off.**

**This falling off was in the decimal places only and really meant only this that terminal disinfection had no effect whatever.

Whatever advantages pure theorists may see in terminal disinfection, Chapin's practical experience and the writers bacteriological experiments, both go to show that terminal disinfection is performed today for scarlet fever and for diphtheria in this highly scientific and practical country, without a shred of scientific evidence behind it, indeed in the face of much evidence that it cannot and does not appreciably affect these. Could any savage sacrificing to his gods to stay a plague, waste time and substance to less advantage?

What is the substitute for terminal disinfection? We know no substitute, nor have we evidence that any such is needed in these two diseases. What should be done in all infectious disease is concurrent disinfection, the disinfection promptly of all infectious discharges as soon as they leave the body. Also, the persons associated with the patient, often infected in their noses or throats with the disease germs, yet well themselves, should be guarded. Why disin-

fect a house or a school and then set loose, to live in it, infected persons?

Very sincerely yours,
H. W. Hill,
Director, Division of Epidemiology.

DR. HILL'S SERIES.

Dr. Jordan's Article Concluded.

The importance of control and supervision of the sources of public water-supply has long been recognized, but the importance of controlling the quality of the public milk supply, although frequently urged by sanitarians, is not always appreciated. At the present time in the great majority of American cities it is safe to say that for every case of infectious disease due to drinking-water ten cases are caused by infected milk. It is difficult to secure adequate funds for the sanitary control of the milk supply. By sanitary control of milk is meant not the upholding of a rigorous standard of butter fat and total solids, but the maintenance of proper standards of cleanliness and health for dairy cows and especially the safeguarding the milk from infection during collection and transportation. Under some conditions the protection of the consumer against milk-borne infection may be best brought about by compulsory pasteurization of that portion of the milk supply which cannot otherwise be raised to proper standard. Whatever method of control be adopted, it is certain that any genuine improvement in the character of a milk supply will be followed in the long run by a lessening in the amount of typhoid fever, diphtheria, scarlet fever and to some extent tuberculosis.

One of the important bacteriological advances of the last few years has been the discovery that a considerable number of healthy persons, convalescents or others, harbor disease germs and that these persons are important agents in spreading disease. The detection and proper treatment of disease-germ carriers, particularly in the more serious diseases and before or in the early stages of an epidemic, is now recognized as an important although difficult task. The whole question of the control of germ-carriers is one that needs more careful study with a view to determining the actual results of the methods adopted. From this point of view, inspection of school children, especially at the beginning of the school year, is probably to be classed as a highly profitable activity, although it is to be wished that fuller and better-studied statistics were available.

In rural communities, undoubtedly one of the simplest, as well as most important, health-protective measures is the adoption, under compulsion if need be, of a safeguarded and standardized form of barrel privy. A corollary hardly necessary to mention is the total abolition of the privy

in all thickly settled towns. For lack of such regulations soil pollution occurs, the house-fly finds an opportunity to transfer disease germs from excreta to food, and typhoid fever and hook-worm disease become constant plagues over wide regions.

Another field in which practical workers are convinced that certain measures have direct efficacy in saving life is that of infant mortality. It has even been said that for the expenditure of a certain sum the saving of a life can be guaranteed. Certain it is, that in few public health activities is the ratio between effort expended and results obtained so clearly seen.

It is impossible at present to apply direct tests of efficiency to some measures that undoubtedly promote health. The influence of playgrounds, public baths, regulation of the hours of labor in extra-arduous industries and the like is real if it cannot be accurately determined or estimated. Certain activities of a health department may be worth continuing for their educational value, although their direct utility may be questioned. Many topics need investigation in order to discover their real bearing upon the public health. Among these are such matters as the effect of a smoky atmosphere, the alleged nervous strain due to city noise and numerous important questions in the domain of food adulteration and contamination. Premature and drastic action by health authorities in matters concerning which there is profound disagreement among experts may cast discredit on other lines of activity in which there is and can be no difference of opinion.

For the present it seems worth while to emphasize more sharply than heretofore the distinction between public health measures of proved value and those that owe their existence to tradition or to misdirected and uninformed enthusiasm. Further study of the results obtained by certain of the usual and conventional health department activities is also much needed, and as a preliminary to such study the proper collection and handling of vital statistics is essential. It is poor management and unscientific procedure to continue to work blindly in matters pertaining to the public health, to employ measures of whose real efficiency we are ignorant and even to refrain from collecting facts that might throw light upon their efficiency.

SIX ADDRESSES ON INDUSTRIAL WORKERS.

A course of six lectures upon industrial workers planned especially for engineers, but of interest to all men of the University, has been prepared. The course is as follows:

March 19. The Industrial Worker—Who He Is. Dr. Albert E. Jenks, Department of Sociology. March 26. Where and How He Works. Mr. Don D. Lescohier,

of Minnesota Bureau of Labor, Industries and Commerce. April 9. Where and How He Lives. Mr. C. P. Kelley, Assistant Sec'y Associated Charities of Minneapolis. April 16. Labor Legislation. Mr. H. V. Mercer, Lawyer and Member Commission on Liability Legislation. April 23. Labor and Trades Unions. Mr. N. C. O'Connor, Secretary of Typographical Union No. 42. April 30. Welfare Work. Mr. Henry F. Burt, Head Resident Pillsbury House.

SCHOOL OF AGRICULTURE.

The graduating exercises of the school of agriculture, at St. Anthony Park took place last week Wednesday. The program of the week and the day follows:

Mar. 12—Tuesday. President Vincent's reception to the graduating class.

Mar. 15—Friday. Senior class night.

Mar. 16—Saturday—Dean's reception to the graduating class with alumni as guests.

Mar. 17—Sunday—Baccalaureate address.

Mar. 18—Monday—Class Play.

Mar. 19.—Tuesday, 9:30 a. m.—Alumni meeting.

Mar. 19—Tuesday, 1 p. m.—Reunion of classes.

Mar. 19—Tuesday evening—Alumni banquet.

Mar. 20—Wednesday, 2 p. m.—Graduation exercises.

Mar. 20—Wednesday evening—Alumni ball.

Commencement Day Exercises.

1. Music.
2. Invocation.
3. Buttermaking on the farm—Lucella Cass.
4. Dry farming applied to Minnesota conditions—W. H. Peters.
5. Preventable diseases of livestock—W. L. Avery.
6. Millinery as a school subject—Alice Flaten.
7. Dairy appliances—Jas. M. Peterson.
8. Social life in rural communities—Roy Labbit.
9. Address and conferring certificates—Governor A. O. Eberhart. One hundred forty-eight received diplomas.

CROOKSTON SCHOOL OF AGRICULTURE.

The following theses have been submitted by the class of 1912. They are carefully worked out, practical presentations of important subjects. The manner in which they have been handled gives confidence that the young men and women will take care of themselves when out to face practical problems after leaving school.

"Dairying," Elmer Saterstrom; "Conserving moisture through cultivation," Lenus Landby; "Potato culture," Melvin Lindberg; "Types of beef animals for a Minnesota farm," Jay Wilder; "Silk as a textile," Dora Wurden; "Treatment of com-

mon, contagious and infectious diseases," Minnie Malm; "Dining and living rooms of a home," Lula Casselman; "Water," Bertha Bjoin; "The ideal farm kitchen," Hannah Gulseth; "Invalid cooking," Emma Osterloh; "Profitable poultry keeping on a Minnesota farm," Harry Miller; "Growing seed corn in northwestern Minnesota," Carl Berg; "Windbreaks in northwestern Minnesota," Ole Torvend; "System of home accounts," Grace Swanson; "Bread making," Selma Anderson; "Leavening agents," Helga Lindfors; "Farm blacksmithing," William Lindberg; "Better agriculture and better homes," Edward Rud; "Does a tractor pay on a half section," Wm. Cumming; "Importance of draft horses in northwestern Minnesota," Edward Johnson; "Installing of modern conveniences in a farm home," Edward Osterloh; "Some things a woman can do in home decoration," Elizabeth Burkhardt.

Commencement Day Exercises.

Invocation—Rev. W. C. Hodgson.

Song—(a) "Persian Serenade," Metcalf.

(b) "A May Morning," Danza—O. W. Peterson.

Class Oration—"Better agriculture and better homes"—Edward Rud, '12.

Demonstration—"Farm blacksmithing"—William Lindberg, '12.

Songs—(a) "The year's at the spring."
(b) "Summer."—Mrs. Clara Canaan.

Demonstration—"Baking powder biscuits"—Selma Anderson, '12, and Helga Lindfors, '12.

Address—Dean George F. James.

Presentation of diplomas—Hon. C. G. Schulz, State superintendent of Public instruction.

Song—"Minnesota, Hail to Thee"—School.

Benediction—Rev. E. W. Akers.

BASKET BALL SEASON ENDED.

The Minnesota basket ball season has just closed with Minnesota in fourth place. Wisconsin and Purdue tied for first place, neither having lost a game this year. Minnesota has held third place until the game with Chicago when an overwhelming defeat put Chicago in third place with Minnesota fourth.

Lawler, captain of the Minnesota team, has the greatest individual record of any basket ball player in the western conference. The only man who is conceded to be near him is Stangl of Wisconsin but Lawler's record is a much better record than Stangl's. Lawler has averaged 13 points to every game played and has made a total of 155 points for his team, his record surpassing the highest mark made by any conference basket ball player. Last year Lawler made 147 points which was high water mark at that time. During the twelve games played this year with members of the Big Eight, four baskets were

made by men playing against Lawler, two by White of Illinois and two by Bell of Chicago. Lawler made nine field goals against White in one game and to against Bell in the two contests. In 1910 not a single point was made by the men who played against Lawler while in 1911 nine field goals were registered against him as against 52 made by him on the men who were guarding him. Stockton of Purdue is the only man who has ever held Lawler without a score in a Big Eight game.

RAISES PROTEST.

Minneapolis, Minn., Mar. 20th, 1912.
Editor of Alumni Weekly:

Somebody would destroy the soul to save it from hell! Football must go to save it from the sins with which it is afflicted. The edict has gone out from our Alma Mater at Chicago, and the University of Minnesota must do without intercollegiate sports. And what have we to say? It exists only by tolerance of those in authority, so what can we say? Tons of paper have been wasted in the ethical cleansing of football, but nevertheless, football must go. The alumni, the students, have nothing to say, but only those in authority.

And from whom do those in authority get their power? The University of Minnesota is not a hierarchy, aristocracy or monarchy. Its governing board is not perpetual. Those in authority should not conceive the idea that others have no voice.

There has, or seems to have been a concerted movement within the last year to destroy football at the "U." Why this movement I do not know, but it is contrary to the sentiment of the large majority of alumni, students, and public. If the flood of oratory were directed toward the creation of a proper spirit in the student body, the sentiment for victory about which we hear so much would not be paramount. The man who does not play for victory should be despised. There is nothing unethical in attempting to win.

The Weekly does not believe in an intangible championship; yet when I wrote to the Secretary last fall about the Wisconsin incident, one of the arguments used in favor of continuing relations with Wisconsin was: "We cannot claim a clear title to the Western Championship unless we meet Wisconsin."

The choice of speakers at the alumni banquet was not selected toward the discussion of one side of the question; yet at the football banquet in St. Paul last fall all the speakers were controlled. Pickering was requested to absent himself from the banquet and when called upon for a speech, we were told that he was no longer a member of the team.

We all stand back of the Weekly in its attitude as to the ethics of the question,

but ethics in their application are to be mixed with common sense. Disbarment of a man because he won a race at a Sunday school picnic is not common sense. This has continued until it has become "nauseating." The majority are sick of it. Football does not exist by the tolerance of those in temporary authority; it exists by desire of those in supreme authority.

H. A. Irwin, Law '10.
1307-7th St. S. E.

Comment—See page 5, A fair proposition.—Ed.

SEATTLE ALUMNI LUNCHEONS.

The University of Minnesota Club of Seattle holds a weekly luncheon every Saturday at the Arctic Club. This luncheon is usually well attended, the attendance never falling below twelve and sometimes running as high as thirty.

BURTON AT CROOKSTON.

Dr. Burton lectured before a large and very enthusiastic audience in the grand opera house at Crookston, Minn., last Thursday evening, March 14th, under the auspices of the Woman's club. His subject was "The drama as a social force," and throughout his discourse, which was delivered in his usual forceful, effective manner, he was listened to with the closest attention. At the close the applause was so spontaneous and long-continued that he was obliged to return to the stage to acknowledge it.

As Dr. Burton was in the city only a few hours, just between trains, it was not possible for the alumni to prepare any formal demonstration in his honor, but a few of them gathered at the hotel Crookston for a little informal dinner with him before the lecture. A very pleasant feature of the occasion was the fact that it was Dr. Burton's birthday. Altogether it was a most delightful affair, and greatly enjoyed by all. Those present were Mr. and Mrs. W. A. Marin, Mr. and Mrs. C. G. Selvig, Mr. and Mrs. Charles Loring, Dr. and Mrs. O. L. Bertelson, Mr. and Mrs. Charles Lohn, Mr. and Mrs. Virgil MacGregor, Mr. and Mrs. Thomas S. Armstrong, and Miss Grace Greaves.

MEETING OF THE GRADUATE CLUB

Dr. Kovarik will give his illustrated lecture on Radioactivity for the Graduate Club on Tuesday evening, March 26, in the physics lecture room. The lecture is open to all graduate students and to members of the faculty. It will offer a fine opportunity for getting some first-hand knowledge about this mysterious and powerful element.

This is the second lecture of this kind given by the Graduate Club this semester. At the meeting in February Dr. Jenks

gave his lecture on the Ethnic census of Minneapolis, which is based upon an actual field investigation of the people of the city. At that meeting the following officers were elected: Pres., William Bethke; vice pres., Will H. Kenety; sec., Miss Audrey Smith.

PROFESSOR MINER MAKES ADDRESS.

Professor J. B. Miner, of the department of psychology, made an address before the Woman's club of this city upon "The psychological examination of children." Mr. Miner made a special plea for an examination that should determine the mental capacity of children entering the public schools, holding that if the laggards were put in a class by themselves and those who were either ordinarily or unusually bright in another class, at least two years might be saved for these students.

Dean Ada L. Comstock will speak before the club in the near future upon "Vocations for Women."

Dr. Raymond Phelan will speak upon "Employment agencies in Minneapolis."

DR. GRAY MAKES ADDRESS.

Dr. John H. Gray who is now in New York City, recently addressed 750 business and professional men attending the meeting of the American Society for the Promotion of Efficiency.

GRATZ PREACHES TO GRADUATES.

Reverend W. E. J. Gratz, Ex-'00, of the Joyce Memorial Church of this city, preached the sermon to the graduates of the school of agriculture Sunday March 17th. The subject of the address was "The heavenly vision." In the course of the address Mr. Gratz gave the class much good advice and said, "The task without a vision becomes a drudgery, but the man with a vision and without the task becomes a visionary." * * * "Having received anything from anyone, I am indebted to everyone. If I receive a favor I should pass it on."

PILLSBURY ORATORICAL CONTEST COMING.

The Pillsbury oratorical contest will be held in chapel Thursday evening, March 28th. The program follows.

Miles McNally—"The Oriental Republics."

Herbert J. Burgstahler—"The Orient and the Occident."

Mr. Tonne—"Patrick Henry."

Charles D. Simpson—"The Melting Pot."

Alan McBean—"Centralization and Civilization."

H. A. Linstrom—"The Sovereign People."

INTEGRAL CLUB.

The Integral Club, the recently organized University Graduate Engineers club, entertained at a smoker and cards at the old Minneapolis Club quarters, 527 1st Ave. So., Wednesday evening, March 20th, at eight o'clock.

LARGE NUMBER OF ENTRIES.

The gymnastic meet which was held at the University Armory last Saturday evening included 218 entries divided into three classes. This is the largest number of entries in an indoor meet ever held in the Northwest.

University, 57 men; Carleton college, 24; St. Paul Turnverein, 20; Sokols, St. Paul, 16; Pillsbury Athletic club, 16; St. Olaf college, 16; Minneapolis Y. M. C. A., 14; Hope Chapel, 10; Riverside Chapel, 9; South high school, 8; St. Anthony Turnverein, 8; Wells Memorial, 6; St. Paul Y. M. C. A., 6; St. Johns university, 4; West Side Turnverein, St. Paul, 4.

GIRLS' BASKET BALL TOURNAMENT.

The juniors won the annual women's interclass tournament Saturday evening March 16th. Through winning the tournament the junior class becomes the holder of the Weld cup for the following year.

The senior team was dressed in black and white with dunce caps to match. The juniors wore blue and white and had a white Boston bull terrier for their mascot. The sophomores were in black suits with white caps with an Indian papoose as mascot and the freshmen were dressed in green with a child mascot dressed as St. Patrick in a green swallow-tail coat and a plug hat.

The seniors and sophomores were matched for the first game. The sophomores won by a score of 6 to 1. The freshmen lost to the juniors by a score 17 to 5. The final game was played between the juniors and sophomores, the juniors winning by a score of 9 to 3.

The alumnae team was defeated by the juniors, by a score of 16 to 6, last Friday night.

THE BASKET BALL TOURNAMENT.

The intra-mural basket ball tournament has been progressing for some little time and the various classes are entering into the contest with spirit and enthusiasm. Some mighty good games have been played up to date and the interest of nearly one hundred men has been enlisted in this tournament.

SHATTUCK WINS FROM FRESHMEN.

The freshman track team of the University was decidedly defeated by the track

team of Shattuck Military school at Fari-bault, Minn., last Wednesday. The freshmen won three firsts, one second and several third places.

MEETS WITH AN ACCIDENT.

Loy J. Molumby, holder of the Minnesota official record for broad jump and an excellent sprinter, was accidentally injured last Monday while diving into the swimming pool at the University. The water was being let out for the weekly cleaning and Molumby dived into what he thought several feet of water while as a matter of fact very little water remained in the tank. The injuries while serious are not dangerous. His wrist was broken and his skull fractured. He will be obliged to give up his University work for several weeks and will not be able to take part in the spring meets of the track team.

CAPRON SIGNS CONTRACT.

Ralph Capron, a member of the football team of 1911 has signed a contract with the Pittsburg National League Club at a salary of \$3500 for his year's work. Capron has discontinued his University work and gone to the training quarters at Hot Springs, Ark.

DEATH OF WILLIAM A. SIMONTON.

William A. Simonton, '04, died Tuesday evening, March 5th at Sauk Center, Minn., after a brief illness from typhoid pneumonia and other complications. After graduating from the University Mr. Simonton went to Sauk Center where he lived for a year having charge of the Sauk Center Avalanche. Then he removed to Glenwood where he has been engaged in newspaper work for the past thirteen years. Mr. Simonton's wife died two years ago. Mr. Simonton leaves their adopted son for the second time an orphan. Mr. Simonton was prominent in the community where he lived holding various public offices and for the past three sessions of the legislature has been assistant chief clerk of the Senate. He was superintendent of the Sunday School and secretary of the trustees of the local church.

BIRTHS.

Born to Dr. and Mrs. F. J. Savage, Med. '02, of St. Paul, a daughter Anne Lloyd, February 17th.

Born to Mr. and Mrs. W. F. Just, Fra-zee, Minn., on September 28th, 1911, a daughter, Virginia C. Mrs. Just was H. Marie Crooks, '07.

PERSONALS.

'85 Eng—Curtis L. Greenwood of Hotchkiss, Colo., who has recently been in California, has just returned to his home



Dean F. J. Wulling, who has been urged as a successor to Dr. Wiley.

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Northern Teachers' Agency. Fargo, North Dakota.

Teachers desiring to secure positions in North Dakota would do well to register with this agency. For fourteen years prior to 1911 Mrs. Davis was superintendent of Cass County; for the past eight years Mr. Stockwell has been superintendent of public instruction of North Dakota; both have had more than twenty years experience in North Dakota. They can serve you well. North Dakota has a splendid educational system. Wages are good and positions secure. Good teachers are always in demand. Write today for blank. Address,

NORTHERN TEACHERS' AGENCY, Mrs. Mattie M. Davis, Manager, Fargo, North Dakota

in Colorado. While in California Mr. Greenwood met Edward Winterer and Fremont Crane.

'94—Mrs. David C. Johnston (Clara T. Burnes) is living at Stockett, Mont.

'95, Med. '98—Dr. Geo. A. Gray expects to take a year's vacation and will probably visit Minneapolis some time during the coming summer.

'98 Law—C. A. Kvello is practicing law at Muskogee, Okla.

Ex. '03—John E. Lenox has left the employ of the Nichols-Chisolm Lumber Co., at Frazee and entered into business in Minneapolis as the Lenox Lumber Co.

'04 Law—W. B. Carman who has been managing the telephone company at Detroit, Minn., has sold his interest and re-entered the practice of law at Detroit.

Ex. '04—E. W. Spring is sales manager for the Nichols-Chisolm Lumber Co. at Frazee, Minn.

'06 Med—Dr. J. E. McLaughlin is practicing medicine at Winchester, Idaho. Winchester is in a lumber district with a large lumber mill. Its elevation is 3900 feet above sea level and the climate is delightful.

'06—Corinne McMillan of this city has been for some time past the guest of Mrs. W. B. Richards and Mrs. C. H. Lavell of Fargo, N. D. former classmates.

'07 Eng—Ralph H. Rawson who has been with the U. S. R. S. at Ellensburg, Wash., will about the first of May, go to St. Helens, Ore., as superintendent of construction for the St. Helens Creosoting Co. After the plant is built he expects to be superintendent of it.

'08—T. Otto Streissguth has recently removed to Chicago where he has accepted a position as law writer with Callaghan & Co. His address is 6802 Lakewood Ave.

'08—Frank and Henry Swanstrom have recently changed their Minneapolis address to 617 Washington Ave. S. E.

Quarterly Notice

DEPOSITS

Made during the month of
March will draw interest
from April 1st.

INTEREST RATE **3 1/2 %** COMPOUNDED
QUARTERLY

Interest will be ready to enter
in pass books after April
10th.

Assets over \$14,500,000

Number of Depositors over 61,000

Farmers & Mechanics Savings Bank

'08—Mrs. Murray Waters (Harriet Smith) has recently changed her Minneapolis address to 3250 Lyndale ave. So.

'09 Eng—B. G. Japs has recently moved from this city to Honey Creek, Iowa where he has gone into the general merchantile business with his brother-in-law under the firm name of Taylor Japs Co. (inc.) The firm handles all kinds of merchandise, hardware and farm implements. They have purchased the business of a thriving concern and the prospects are exceedingly bright.

'09 Mines—Harold G. Taylor is with the

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'10 Law—J. J. Broderick who has been spending the past few months at his old home at Byron, Minn., is in the city for a short time. Mr. Broderick expects to locate for the practice of law in the near future.

'09 Med—Dr. Augustus Milner who has been studying with Mme. Schoen-Rene in Berlin has appeared in the east and central west on a recent concert tour and recently visited Minneapolis. Dr. Milner will sing in the principal cities of the west and then will return to Germany for further study. He has been offered an opportunity to enter one of the German operas, but will sing in concert in the United States during the spring and summer of 1913.

'10—I. L. Bishop is with the Clyde Iron Works of Duluth, Minn. His address is 2713 Huron St., Duluth.

'10—Hazel Hibbard has been reelected to the principalship of the Frazee high school for the year 1912-13.

'10 Eng—O. M. Holme and H. G. Overholt have recently changed their Chicago address to 606 Belden Ave.

'11 Law—Arthur D. Borneman who has been practicing at New Rockford, N. D., will locate permanently at Hallock, Minn.

'11—Harold Dane, editor of the Bemidji Daily Pioneer, issued a special issue of the Pioneer Saturday, March 16th on green paper in honor of St. Patrick. Mr. Dane had a two column article in this issue devoted to the life and work of St. Patrick.

Ex-'12—James D Winter has recently changed his address from Minneapolis to Wintermere, Route 1, Longlake, Minn.

**STEVENSON LOST TO THE
'VARSITY.**

Robert L. Stevenson, who has been for the past three years a particularly bright star among the college athletes of this state, and who enrolled at the University last fall expecting to be able to make the 'Varsity team the coming season, is evidently to be ruled out under the rules of

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the conference to which the University has subscribed. The case of Stevenson, as it has come to the knowledge of University authorities, is that Stevenson became ineligible under the regulations governing the colleges of Minnesota while a student at Carlton College. It is charged, and evidence has been submitted to prove, that Stevenson played base ball under an assumed name. If we understand the new rule, the question of summer base ball would not disbar Stevenson but the fact that he has played under an assumed name is a serious matter and if this proves to be the case Stevenson is undoubtedly lost to the 'Varsity team. Stevenson is an all-round athlete and one of the most promising men ever enrolled at the University.

Had the simple rule of scholarship been in force among the colleges of the state and were they in force at the University at the present time, Stevenson's eligibility would never have been questioned. There would have been no inducement for him to play base ball under an assumed name and an unusually brilliant athlete would not have had his career cut off almost at its beginning. However the rules are what they are and if the fact that Stevenson played under an assumed name is proven the athletic authorities of the University will have no choice but to disbar him permanently.

FARMER GIVEN IMPORTANT APPOINTMENT.

Superintendent A. N. Farmer, a former student of the University, has recently received a call to work in connection with the Bureau of Municipal Research of New York City. A letter from W. H. Allen, former director of the bureau addressed to the Board of Education of St. Cloud says, "We are making a study for the State Board of Public Affairs in Wisconsin, with the joint supervision of Dr. Charles McCarthy into form of organization and efficiency of the Wisconsin state school system. * * *

"Your Mr. Farmer is one of the few successful men in the educational field who have taught from country school to college, in addition have had administrative experience and in addition see the steps to be taken in such a school inquiry as we propose for Wisconsin."

Mr. Farmer will take up his work at once but will have general oversight of the schools of St. Cloud until June when they will move to Madison, Wis. After the work at Madison is completed he will remove to New York where he will be associated with the headquarters of the bureau.



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Vol. XI.

April 1, 1912.

No. 26

NO ISSUE APRIL 8th.

There will be no Weekly issued next Monday. The University is not in session this week and so there is no calendar of coming events.

STAND FOR SCHOLARSHIP BASIS OF ELIGIBILITY.

At a special meeting of the University council, held last Wednesday, that body voted, with but three dissenting votes, to instruct the University delegate to the next conference meeting, to stand for a scholarship basis of eligibility, with a one-year residence rule to cut out ringers. Further, the delegate was positively instructed to accept no compromise of any kind but to stand, first, last and all the time, for such a standard.

There was almost no sentiment in any quarter for any other action. The futility of attempting to administer any other rule was pointed out and the final action represents the sentiments of probably ninety per cent of the faculty, more than that per cent of the students and alumni.

It will be remembered, that last winter, when the meeting of the alumni was called to discuss this question, the final action, which was unanimous, was for the single scholarship basis, with the one-year residence rule, and specifically against any compromise, specifying, in particular, a compromise allowing summer baseball. Minnesota has taken a stand to which she can live up in good faith. This stand is in advance of most other institutions but they are coming to it in time. It is the only logical basis of eligibility for an educational institution.

SIXTEEN YEARS OF FAILURE.

For the past sixteen years, the colleges of the conference have been trying to govern their relations by the so-called amateur rules. These rules have been modified, and exceptions made until any theoretical

sacredness that ever attached to the rules has long since been dissipated. Moreover the standard has been satisfactory to no one. The record of sixteen years is one long series of compromises and modifications, to make the rules cover certain specific cases—either to correct a manifest injustice or to provide some team with a much-desired member. The one matter on which all have agreed, is, that the rules need modification. That they are not satisfactory as they are—all agree.

An amateur standard is artificial and arbitrary and has no logical claim to be adopted as the standard for colleges—though it doubtless has its use as a standard for the body which framed the rules, because that body had no other natural and logical standard of its own.

The amateur rules can never be made to work in colleges because the great majority of the people can never be brought to believe them worth enforcing. They cannot be made to think that there is any principle involved, and the great mass of faculty, students and alumni can never be made to look upon such a standard with respect. Like all artificial and arbitrary rules it works out in such absurdities as to forfeit the respect of those who look at the matter from a common sense point of view.

For example—we make the game of football as professional as it is possible for any sport to be—professional coaches, professional helpers, professional methods of training—the whole atmosphere professional—this fact is generally acknowledged.

The professional coach—who is paid a large salary and who would not be allowed to compete under the amateur rules—does not contaminate the men of the teams under his charge through his intimate association with them; but, a member of any of those teams, who takes a small payment for teaching a gymnasium class in a church, to earn money to pay his way through college, may not play on an ath-

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letic team with his fellow students for fear of infecting them with professionalism. His influence is not vicious and the contagion which he harbors is innocuous, **save only on the athletic field.** Could a greater refinement of absurdity be reached?

Wherein is the logic of the discrimination—a professional coach does not professionalize those he trains—but to play with or against a man who has ever received a dollar for the use of his athletic skill, makes a pariah of a man and brands him for life as a professional.

A student may not play on a baseball team of his own home town, even though he receives no compensation for his services, if an admission fee is charged, without becoming a professional, but, he may play on a university team, where admission is charged, without becoming a professional. If there is anything inherently wrong with the admission fee, how does it contaminate in one case and fail to contaminate in the other? In what does the funda-

mental difference consist?

There is no real principle involved in the question, and, as long as this is the opinion of the great majority, any attempt to enforce such regulations will never succeed. No law that does not command the respect of majority of the people will ever be enforced.

The one logical and enforceable standard, for colleges, is the scholarship standard—with the one-year (arbitrary) rule to cut out ringers. The whole machinery for enforcing this standard is in the hands of the faculty. It does not require those who are charged with its enforcement to become sleuths, or to take the attitude that every man is a liar until he is proved innocent.

The machinery for enforcing the amateur standard is not in the hands of the faculty and any attempt to enforce it literally, places those who are charged with its enforcement into an attitude of perpetual suspicion and undignified attempts to



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E. B. JOHNSON, '88 Editor.
EARLE R. HARE, M. D., '00.
Editor of the Special Medical Issues.
HARRY WILK, '12, Advertising Manager.

'catch' those who are dodging a rule, which they know is wrong in principle, and for which very few have any real respect.

The president of one of the largest and most important colleges of the conference, who stands for the amateur rule, said recently in a letter—"It [the amateur standard] can be enforced reasonably well." That is what the colleges have been doing for the past sixteen years—enforcing it "reasonably well," but they have put themselves in a contemptible position before all right-thinking people.

But, it is said, we face the practical question of a situation that must be met. We are told that the conference will never adopt the purely scholarship basis of eligibility, and, that if Minnesota stands for this as a principle, she must either go her way alone, giving up intercollegiate athletics, or be satisfied with a few minor games. Either alternative is preferable to staying in a conference at the sacrifice of our self-respect and what we believe to be a matter of principle.

The Weekly, however, believes that if Minnesota should take her stand on a matter of principle, and leave the conference, if necessary, to stand by that principle, it would not be a month before she would be invited back into the conference, on terms that would not require a sacrifice of her

principles, or, she would be followed by enough other colleges to keep her in good company. In either case we should not lack for opportunity for games with our peers, for any great length of time.

Minnesota's stand is not in favor of a professional standard, as has been so often charged by those who set themselves up as the mentors of all that is honorable and right—Minnesota's standard does not raise the question of amateurism or professionalism, which are not properly questions for college legislation—she stands for the only logical, enforceable and reasonable method of dealing with the subject of intercollegiate athletics. For sixteen years we have failed to make the amateur rules work—let us quit trying and take up something which we know can and will be enforced and which will cut out, from intercollegiate competition, all but those students who are in college, primarily, for an education.

GULLETTE'S COMMITTEE REPORTS.

Albert Gullette, '02, chairman of the committee of twenty grade school principals of the city of Minneapolis, last week told the Northern Minnesota Educational association in convention at St. Cloud that the present courses of study are too complicated for any one pupil to master and that subjects should be made to fit the needs of the child. The points which he made in his address which will be covered practically by the report of the committee of twenty as a result of its deliberations include, a denial of the theory that childhood is the time when knowledge can be most easily acquired. He claimed that school life should lead pupils to acquire power to do hard and effective work with pleasure and that elaborate processes of reasoning not absolutely fundamental should be eliminated. A large amount of good reading should be provided and only the elements of grammar should be taught in the grades. In spelling he advocated giving but two words a day to be learned, other words demanding less attention should be given for drill. In geography, the mathematics and physical portions as well as history, should be eliminated. Intricate processes in arithmetic should be eliminated and accuracy should be insisted upon in every line. A special teacher should be provided for music and drawing. Mr. Gullette argued that when a child had no natural adaptability or ability to acquire knowledge in a certain line it was worse than a waste of time to insist upon his pursuing work in that line. He asked the question, "Why should the pupil be made to fit the course rather than the course be made to fit the pupil?" Such changes would not mean a lessening of the amount of work required. It would

Continued on page 4.

PROFESSOR WEST BACK TO THE SOIL.

Professor Willis Mason West, for the past twenty years professor of history, has resigned and will henceforth devote himself to farming at Lake Pokegama, near Grand Rapids, Minn. For a number of years Professor West has been planning on this change and has spent his summers on his farm. His reason for giving up his



University work, which he enjoys and in which he has been notably successful, is a desire to make the change while he can make it without a feeling of dread of change. In making the change, at this time, he sacrifices his chance to enjoy the Carnegie pension which he might have after a few years more of service.

Professor West has issued, through Allyn & Bacon, an Ancient History, to Charlemagne; a Modern History, and the Ancient World; he has in process of preparation, well in hand, a new volume—American Democracy, a correlation of history and civics in American Government. This book will be ready for distribution early in June. The royalties from his books net him a very comfortable sum each year and will continue to do so for many years to come.

When he leaves the University, Professor West proposes to cut loose from all past work and to devote himself, not to

agriculture, but to farming—milking the cows, feeding the pigs, and, in general, will comport himself as other men who work the soil for a living. Professor West is already a zealous farmer and grows most enthusiastic over some of his experiments. Last summer a small patch of indifferent ground was made to yield a bumper crop of onions which netted large returns.

Professor West was born at St. Cloud, Minn., November 15, 1857; graduated from the University in 1879 and took his master's degree in 1881. Immediately after graduation he took up school work at Faribault and in 1881 was called to take charge of the schools of Duluth. In 1884 he was recalled to Faribault and remained there until 1891, when he accepted the professorship of history in the University of North Dakota. In 1892 Professor West was called to the University and has been in charge of the department of history since that date.

In his department, Professor West has enlisted the hearty co-operation and support of his fellow workers, and has made that department one of the strongest in the institution. He has always held to the highest standards of scholarship and to the treatment of history as a subject worthy of the highest scientific methods. He has been an uncompromising opponent of mixing literary legends with history and has been a consistent advocate of the doctrine that history should be of practical, everyday value—that history throws light upon almost every social and political problem of today and that the world should have the benefit of all the help that history makes available.

He has always been active in all matters affecting the college and the University as a whole and has made his influence felt upon the life of the city as well. Always in the ranks of the 'insurgents' he has been a dynamic force in the State at large, particularly through his intelligent interest in the problems of secondary education—in which he has always been in the front rank of progress and where he has been able to make his practical knowledge of conditions in such schools of real service.

He has always been a fearless advocate of what he believed to be matters of principle—always fair in his methods, he was ever a foe to be feared as well as respected and a friend to be esteemed and trusted.

Mrs. West, (Elizabeth S. Beach, '96), was instructor in history in the University, from 1899-1902.

GULLETTE'S COMMITTEE REPORTS.

Continued from page 3.

mean the adapting of the work to the needs of the pupil.

Mr. Gullette said, "Much of our school pedagogy is planned with the expectation

that many of the children to whom it is applied will be killed off in the operation. More apparent results can be accomplished by the cold lead and steel of the unchanging curriculum, but the real accomplishments come through the warm hand clasp of a friend, the teachers' interest in the thing that interests the child. We must give more study to boys and girls; less to books and methods."

ANNUAL MEETING OF THE NORTH CENTRAL ASSOCIATION OF COL- LEGES AND SECONDARY SCHOOLS.

The following account of the meeting is furnished by Dean John F. Downey, the University's delegate.

The meeting on the 22nd and 23rd was held, as usual, at the Auditorium Hotel, Chicago.

The address of the retiring President, Harry Pratt Judson, president of Chicago University, dealt mainly with what he considers an undue length of time in training for one's life work and with some suggestions for remedying this. Taking the profession of medicine as an example, he called attention to the fact that while the average age at which men begin practice in this country is over twenty-seven, in Germany and England it is only twenty-five. He claimed that we lose one year by having one too many grades, and lose another year by the overlapping of college and high school work. He claimed that, besides this, the college work of the student is scrappy. Each professor thinks his work is the most important, and often the demand on the student is such that he must do his work hastily and superficially. More of the poor students should be sifted out and the work of those that remain be made truly progressive.

The first paper was by P. P. Claxton, U. S. Commissioner of education, on "The college course and its relation to the preparation of the high school teacher." Claiming that the high school period is the most important period of a student's school life, he said that the teachers should be a select and superior body. They should be college graduates; they should be those who have specialized in the subjects they teach, but not so narrowly as to lose the correlation of these subjects with others; they should be able to interpret back into life the principles of their subjects; they should have a correct conception of what is going on in the minds of boys and girls and be able to adapt their instruction to it; and they should be able to inspire an interest in the subjects they teach. The college that is producing such teachers is doing an excellent service.

The next paper was by President Frank L. McVey, of the University of North Da-

kota, on "The definition of high school units. President McVey thinks there should be some test for accredited high schools other than that of spending the specified time upon the respective subjects. He suggested a central bureau to which all the universities and colleges belonging to the North Central Association should report the records of freshmen with the view of ascertaining from the accumulated records what secondary schools are giving poor preparation to their students in some or all of their subjects.

The last paper, on "If there were no college entrance requirements in English, what would we teach in the high schools?" was by Professor James F. Hosis, of Chicago Teachers' College. Professor Hosis referred to the forthcoming recommendations of the national conference on uniform entrance requirements in English. One of these recommendations is that the work be in two parts, viz., first, grammar and composition, and second, literature. If these are combined, too little attention is likely to be given to the first. It was stated that few books are read in the secondary schools that are not specified for entrance to college. If a list is named, it should be large, allowing selection of any ten. The new Harvard requirement names no books, but leaves the selection to the secondary schools, to be chosen according to supply at hand and adaptability to students. All but about a dozen of the four hundred at an educational meeting in the east voted in favor of this plan. It is not sufficient that the books be masterpieces in their line—they must have human interest. Since what one gets from books depends largely upon what he brings to them, provision must be made for all sorts and conditions of students.

The meeting was marked by harmony and an evident desire of the different classes of schools to be mutually helpful.

IMPORTANT BILL PENDING.

A bill providing for federal appropriations for state mining schools has been before congress for the past three or four sessions. This bill provides for an initial appropriation of \$5,000 with an increase of \$5,000 a year for the succeeding four years until the total annual appropriation becomes \$25,000. The bill provides that the money shall go to any school of mines already in existence under state control. If no school of mines exists then the secretary of the interior may designate some other school under state control to which the appropriation may go for the support of a school of mines to be created. The money provided by this act is to be expended for instruction, research and experiment work in the various branches of mining and metallurgy and geology, with

investigations of the safest methods of mining and the most economical methods of mining in its various branches and for a study of the prevention of explosions and fires and to secure intelligent conservation, use and development of the mining resources of the country.

This bill would do for the mining interests of this state what the Hatch bill does for the agricultural interests and would add greatly to the efficiency of the University School of Mines.

When consulted about this matter, Dean Appleby said, "Personally I should be glad to see the Minnesota School of Mines receive federal assistance. It would make our work more efficient to the state and stronger along educational lines.

"Governmental appropriations might cause new mining schools to come into existence and would make other schools of mines struggling under financial difficulties stronger and better. This undoubtedly would affect the attendance in some of our older schools, but in the interest of the development of state industries and educational efficiency I am heartily in favor of a broad policy for general support."

PRESIDENT VINCENT AWAY.

President Vincent is in the East on a ten-day trip. Last Saturday he was entertained at a banquet by the Minnesota club at Harvard. In the course of his remarks President Vincent said, Minnesota is going to place the emphasis on big men and not on buildings; it will aim to secure for its faculty the best men in the country. In speaking of graduate work at the University, President Vincent said, Minnesota will not attempt to duplicate work being done at other institutions in the middle west but will try to occupy a field of its own and develop that field in the interests of all.

NOTES FROM NEIGHBORS.

The March number of the University of Chicago Magazine contains a long editorial discussion of intercollegiate athletics. After a few introductory paragraphs, the writer says, that three possible courses are open to Chicago—

1. Vote against compromise and stay in the conference—which is to sit on the fence. This is what Chicago is doing now.
2. Vote for the compromise and repudiate the amateur principle, or,
3. Withdraw from the conference and continue intercollegiate athletics with those who hold to the rules of amateurism, or, abolish intercollegiate athletics.

The second is the simplest and easiest but it simply postpones the evil day and while it might, apparently, work well for a time, it will inevitably lead to confusion.

If Chicago stands absolutely for the amateur principle, she will probably stand alone and be obliged to give up all intercollegiate athletics. In discussing this possibility the writer says—"The idea that it [giving up intercollegiate athletics] would affect unfavorably the general health of the undergraduates may be dismissed with a grin—so far are athletics and real 'physical culture' apart."

An interesting conclusion of the writer, based upon facts and a logical line of reasoning, is that the giving up of intercollegiate athletics would mean a pronounced increase in the number of graduate students enrolled—the enrollment of graduate students from Michigan has more than doubled since Chicago and Michigan have ceased to meet in such competition.

In discussing the effect of a discontinuance of intercollegiate athletics upon intramural athletics, the writer inclines to the belief that such athletics would probably benefit by the change.

The statement ends with four questions which alumni are urged to answer.

"IS MICHIGAN SATISFIED?"

This question is raised by a Michigan alumnus, and discussed in the March number of the Michigan Alumnus. The writer reviews the difficulties which Michigan meets in getting satisfactory schedules for its 'varsity' teams. The conclusion of the writer is that the athletic situation at Michigan is not satisfactory to students, faculty, or alumni. He proceeds to ask some very pertinent questions, and, in the course of his remarks say—"In the same period [the past five years] the only football seasons to which Michigan can point with any pride are 1909 and 1910 and in each of those years it was the Michigan-Minnesota game, not the Michigan-Pennsylvania game which was responsible for the season's success." * * * * "In conclusion, I repeat—and I should appreciate information on the subject—is Michigan satisfied? And if so, with what?"

FROM THE CORNELL ALUMNI NEWS.

In the current number of Printers' Ink, a journal for advertisers, is an article on a curiously novel subject, namely, the value of college athletics from an advertising point of view. It begins this way:

The University of Pittsburgh, when it felt the need of more students and began to plan to get its share of promising young men, faced the condition that the colleges and universities derived a large proportion of their publicity by means of their athletic teams. This has worked to the immense advantage of winners, but consistent losers have suffered severely. Of course the

University of Pittsburgh has had athletic teams for quite a number of years. But it couldn't hope to build up aggregations that would invade the East and walk off with a man's-size portion of the sporting pages. And the university didn't propose to go to any extremes in acquiring such teams. Instead, the faculty outlined a definite advertising programme.

The advertising told exactly what the university offered in the way of educational advantages, especially in engineering. After quoting the secretary of the university to the effect that the campaign was a success, the writer of the article adds some comment of his own:

There seems to be little question that advertising will attract a more desirable class of students than will mere repute of success on the gridiron, the water or the track. To be sure college athletic fame emphasizes the importance of good physical equipment for the young man who is just going into the hard, grinding struggle for success; but the ambitious youth knows also full well that his mental training, generally and specially, will be put to a crucial test. He is prone accordingly to respond most quickly to an appeal enlarging upon completeness of educational courses and peculiar efficiency in them. Athletic fame alone is apt to bring to a university a student body with sympathies leaning toward brawn rather than brain.

There is still to be overcome a deep-rooted sentiment in favor of athletic prestige as a good advertiser. Athletic fame has brought "returns," of a kind. * * * But will the men brought by athletic publicity match up in all-round desirability with those secured by educational "reason-why" copy? Publicity as against advertising has lost out in the field of commerce.

This writer's frank assumption that college athletics is conducted primarily as a means of attracting students gives one a start, but isn't it, after all, the view that most of us take nowadays. If that is the true view to take we might increase the efficiency of our teams by hiring an advertising expert and attaching him to the athletic office staff. But we find that the advertising expert himself has his doubts whether athletic fame tends to attract the best class of students.

REGENTS MEETING MINUTES.

The Board of Regents held a meeting at the President's office Saturday March 23rd. There were present Regents Lind, Eberhart, Hovland, Nelson, Rice, Schulz and Vincent.

Voted, on account of the small registration, to discontinue after the present academic year, the courses in Semitics.

Voted to re-organize the art work now offered in the college of science, literature

and the arts by transferring to the college of agriculture a part of the instruction in decoration and design and to the college of education the remainder of the work.

The following appointments were reported and approved: Mary Katherine Reely, Solvig Magelssen and David McCaslin, theme-readers in the department of Rhetoric for the balance of the first semester at a salary of \$25 a month each.

Professor S. N. Deinard was voted \$600 for work as instructor in Semitics for one year.

The following were appointed scholars: George L. Harrington, geology, one year \$135; Hartia E. Zabel, comparative philology, \$225; Otto Ramstad, economics, four months, \$100; Charles Maney, astronomy, four months \$100.

Ward Lambert was appointed assistant in chemistry at a salary of \$500.

Henry Peterson was appointed student helper for ten months at a salary of \$100.

The following were appointed to the department of physical culture; Oscar Nordeen, attendant, \$360; Emil Aker, gymnasium clerk, \$225; N. W. Johnson, attendant, \$180; J. W. Kerman, attendant, \$180.

In the department of engineering Wallace Martin was appointed instructor in mechanical engineering at a salary of \$90 a month. Henry Johnsen, mechanic in the department of experimental engineering at \$88 a month and David Crowther, machinist, at a salary of \$80 a month.

Gudrun Grenager, Jennie E. Higinbotham, Caroline Ludeman and Laura Masters were appointed nurses in the college of dentistry for five months beginning January 1st at \$50 a month.

The following appointments were made in the college of agriculture: Dorothy Sewall, stenographer, \$60; Nellie Merrill, stenographer, \$65; Gurid Laate, assistant in domestic science, \$70 a month; Miss Harman, assistant in domestic science \$800 for twelve months; Agnes Morton, assistant in domestic science, six months at \$70 a month; George Comlossey, at a salary of \$85 a month; J. J. Rossman at a salary of \$55 a month; Joseph T. Johnson, assistant in horticulture, \$65 a month; Carl Aamodt assistant in poultry, \$60 a month; William F. Hagerman, assistant in animal husbandry for six months at \$100 a month; Bessie Rowe, extension work instructor in home economics, three months at \$100 a month.

Professor John T. Stewart was authorized to attend the national drainage congress in New Orleans in April at an expense not to exceed \$100.

The boys dormitory at the agricultural school at Morris was named Spooner Hall.

The following resolution was adopted:

Whereas the Legislature at the last session appropriated \$75,000 for fire-proofing and equipping Millard Hall for the College of Pharmacy, and \$25,000 for remodel-

ing the Medical Science Building for Dentistry, and

Whereas Millard Hall was, on March 1st, so injured by fire that the architect for the State Board of Control and consulting architect for the University, after a careful inspection, reported adverse to rebuilding the same and further that the expenditure of \$25,000 on the Medical Science Building would be a waste of money,

It is hereby voted to request the Governor, State Auditor, and Attorney General, under the provision which gives them authority in case of emergency to provide and readjust appropriations, to approve the transfer to the State Board of Control of the following sums:

Balance Old Fire Loss Millard Hall	\$4,709.60
New appropriation for fire-proofing and equipping Millard Hall	65,000.00
Appropriation for remodeling the Medical Science Bldg.	25,000.00
Insurance due on account of the recent fire Millard Hall estimated	30,000.00
Total	\$124,709.60

to be used for erecting a special section in connection with the new Chemical Laboratory to be occupied by the College of Dentistry, with the understanding that the College of Pharmacy will be permitted to use as much space in the old Medical Science Building as may be required. (Reports of the architects filed in Supplement to Minutes, page 6.)

Voted to set aside for the use of the College of Pharmacy the south section of the Medical Science Building.

Plans for the new power house with certain modifications suggested by the consulting engineer were approved.

Voted to adopt the recommendation of the College of Medicine and Surgery that the following provision, namely, "that all students in the College of Medicine and Surgery be required to secure the degree of Bachelor of Science or Bachelor of Arts before the degree of Doctor of Medicine is granted" be applicable to the class which enters in September 1912 and thereafter.

Dean Wulling of the college of pharmacy was given permission to visit Columbia university May 21st to give an address, the trip to be no expense to the University.

Professor H. R. Smith and Mr. J. S. Montgomery were given authority to visit Illinois, Iowa, and South Dakota to select horses and sheep for the agricultural department.

Voted to approve the change of title for Dr. Burnside Foster from Clinical Professor of Diseases of the Skin and Lecturer on the History of Medicine to Professor of

Dermatology and Syphilology and Lecturer on the History of Medicine.

Voted to approve an agreement with the United States Department of Agriculture for conducting cooperative investigations in Forestry by which in return for certain opportunities at Cloquet the United States government agrees to make an appropriation of \$500 per annum. (Agreement filed in Supplement to Minutes, page 10.)

Voted to grant Professor Bass the use of the Greek Church on the campus for testing, heating and ventilating apparatus.

Voted to establish Dept. 24, Bureau of Research in Agricultural Economics as follows:

Salary C. W. Thompson, Chief, 5 mos. @ \$208.33	\$1041.67
Salary Olga Axness, stenographer, 5 mos. @ \$60.00	300.00
Salary G. Warber, scholar, 5 mos. @ \$25.00	125.00
	<hr/>
	\$1466.67
Budget 286-A, Supplies	500.00
	<hr/>
	\$1966.67

Of the above amount \$791.67 is now appropriated in the Department of Economics and Political Science,—the balance, \$1175.00 to be transferred from the reserve.

Voted to discontinue the payment of \$200 per annum to Miss Ruth E. Phelps for services as chaperone at Sanford Hall and authorize the services rendered to offset an equal amount heretofore paid for board, with the understanding that with the beginning of the new year, the matter of members of the faculty boarding at Sanford Hall be reconsidered and re-adjusted.

It was decided to reorganize the department of physical culture for women. In the reorganization, greater stress will be placed upon physical examinations, which will be required of all women, and upon out-of-door exercise and games under medical supervision and direction. The plan submitted was approved but certain matters were left in the hands of President Vincent to adjust. In the absence of the President we are unable to make a statement as to the final disposition of the matter.

DISSENTS TO "DISSENTING OPINION."

Mar. 20, 1912.

"The Minnesota Alumni Weekly,"

I wish to take this occasion to dissent from the "Dissenting Opinion" of Mr. O. A. Lende in your Mar. 11th, 1912 issue.

It is a peculiar that a man grown would be so strong in his personal opinions as to say that President Northrop, if a delegate, would be used for any sort of purpose whatsoever.

It is with great pleasure that I recall having talked to President Northrop in Boston for the only time on the subject of politics, and I have yet to hear a more clear and forceful exposition of a man's beliefs and his reasons for them than was given at that time by President Northrop, and when the gentleman to whom I have referred thinks that any political machine would be able to use President Northrop for any "sordid purpose," or any other purpose, that is not in exact accord with correct principles—I leave aside the question of his political beliefs as not being thoroughly familiar with them—I believe that the gentleman has at least one more guess coming.

Here is one alumnus that is for President Northrop **wherever** he stands, and who is willing to back his judgment and his every effort in furthering any purpose for which President Northrop stands sponsor.

W. A. Chowen.

BEMIDJI ALUMNI TO ORGANIZE.

There are twenty-three University of Minnesota people eligible to membership in an alumni club at Bemidji, Minn. Some two weeks ago a meeting was called at which time a temporary organization was effected and Harold J. Dane, '11, editor of the Bemidji Pioneer, was delegated to secure information concerning the organization of other alumni clubs. The movement which has started is intended to result in the organization of a county club that shall include in its membership all who have been connected with the University of Minnesota living in Beltrami County.

INFORMATION WANTED.

We have been requested to ask our subscribers for information concerning the present whereabouts of the following named former students:

C. H. Bullis, '84.
George J. Lewis, '84.
S. D. Townsend, '84.
Charles O. Atherton, '85.
Charles A. Gould, '85.
J. D. Robinson, '85.
W. W. Savage, '88.
Charles Esplin, Jr., '89.
Cyrus J. Wright, '92.
F. T. Kirkpatrick, '93.

PROFESSOR SANFORD BUSY.

Professor Maria L. Sanford spent a day each, week before last, at Osakis, Alexandria, Sauk Center, Newport, Howard Lake, and at the Y. W. C. A. meeting at Albert Lea, making at least one address each day. Last week she spent four days in McLeod county attending meetings of teachers and making various addresses. This was at the

invitation of Superintendent Carl A. Anderson, '09. On April 5th, Miss Sanford will go to Philadelphia to visit her brother and will spend at least a month in the east. She will make a number of addresses while away, probably going as far as Maine.

PRESIDENT NORTHROP TO SPEAK.

President Emeritus Cyrus Northrop will speak at the annual Y. M. C. A. banquet to be held at Dayton's tea rooms April 19th.

MRS. ARMSTRONG WILL LEAD PARTY.

Mrs. Vesta Cornish Armstrong, '02, of Crookston, Minn., will have charge of a general educational tour of Europe under the management of the Bureau of University Travel of Boston this summer. Last summer Mrs. Armstrong had charge of a similar party. Anyone who is interested in the matter is invited to communicate with Mrs. T. S. Armstrong, 518 North Ash St., Crookston, Minn.

CANDIDATE FOR JUSTICE OF THE SUPREME COURT.

Samuel C. Polley, Law '90, has announced himself as a candidate for the office of Justice of the Supreme court from the first district of the state of South Dakota. The primaries are to be held in June. Mr. Polley has been a resident of Deadwood, S. D., since his graduation twenty-two years ago. In 1901 he was elected states attorney for Lawrence county and on the expiration of his term of office he again took up the practice of law by himself. In 1908 he was elected secretary of state on the republican ticket and is now serving his second term in that office. Mr. Polley's platform is—

"I shall do all that I can to abolish needless and harmful technicalities to the end that justice may be speedily obtained and unnecessary expense avoided. So far as these reforms can be accomplished through the office itself, I shall use all my influence in behalf of their accomplishment."

HELPS TO ORGANIZE IMPORTANT SOCIETY.

Dr. Lee Galloway, '96, of New York University, is secretary of the committee on nominations of the American Society for the promotion of efficiency. Dr. Galloway was one of eight men who met last August to consider ways and means to bring together the vast amount of material which is appearing these days upon the subject of efficiency. The American society for promoting efficiency was the result. It started with a membership of 755. Only business men or men in high executive positions or professional work especially in-

terested in efficiency are admitted to membership. The initiation fee is \$25 and the annual dues \$15. At a recent meeting of this society Dr. John H. Gray discussed "How efficiency should benefit the employer, the employee and the public."

MAC MARTIN GIVES ADDRESSES.

Mac Martin, Ex. '03, of the Mac Martin Advertising company of this city, last week visited New Orleans to address the business men of that city on how advertising is done in Minneapolis. Mr. Martin made an address on "The professional advertising man of 1925" dwelling on the educational aspects of systematic advertising and told of what had been accomplished in Minneapolis largely through the efforts of the Publicity Club. On his return home Mr. Martin stopped off at Memphis, St. Louis and Cedar Rapids where he made addresses on advertising topics.

GOODE ON THE FORESTS OF THE PHILIPPINES.

J. Paul Goode, '89, professor of Geography in the University of Chicago, has an article in number 2 of volume 44 of the Bulletin of the American Geographical Society upon "The forests of the Philippines." The article fills nine pages and is accompanied by a double page map and is well illustrated. In this article Dr. Goode discusses the forests of the Philippines and their significance in the economics of the Islands, together with what has been done to make use of these forests and a proper conservation of the same for future use. It is estimated that the forests of the Philippines, properly managed, can be made to yield two billion board feet annually without being damaged. This will allow a rotation of forest crops of once in a hundred years. We quote the last paragraph.

"We, as Americans may congratulate ourselves on the fact that we have achieved a good government in the Philippines, that the tremendous possibilities of wealth production in the islands are being so successfully studied, that the resources are being made available in such a way as to conserve the resources, and at the same time the rights of the Islanders. The forests as they are now may easily produce over three million dollars of wealth each year indefinitely; and if, by reforestation and fire control, and other wise forestry plans which Major Ahern has adopted can be carried out, in two generations this enormous forest asset may be doubled."

PUBLISHES NORTON'S THESIS

The January number of the Quarterly Journal of the University of North Dakota contains the graduating thesis of William

W. Norton, Ed '09, who is assistant professor in charge of music in the University of North Dakota at the present time. In this thesis Mr. Norton discusses the discrimination of pitch and its relation to training.

WILL REPRESENT GOOD GOVERNMENT CLUB.

Gregg Sinclair of the senior class, will represent the Minnesota Good Government club at a meeting of the national intercollegiate civic league which will be held in New York about May 10th.

ALUMNA MAKES ADDRESS.

Caroline Crosby, '02, of the Unity House of this city, spoke in the University Chapel last Wednesday upon "Social settlement work as a career for college men and women." Miss Crosby has been connected with this sort of work for a great many years and has met with decided success in her work. She pointed out the possibilities of such work for real service and said that while the financial remuneration is not particularly tempting it some times amounts to as high as \$150 a month.

DR. COOKE GOES EAST.

Dr. L. J. Cooke, director of the gymnasium, represented the west at the basketball commission meeting in New York City March 29th. Dr. Cooke is a member of the rules commission and has been one of the exponents of the game of basketball since its very beginning. The teams turned out by him during his years at the University indicate a very high standard of proficiency. Dr. Cooke has also been secretary of the Western Basketball association for a number of years.

INTERCLASS TOURNAMENT FINISHED.

The interclass tournament was finished last Thursday night when the junior law team won over the seniors. The members of the winning class team in each college will receive silver basket balls.

The intercollege games were played Friday and Saturday nights, resulting in the engineers winning the tournament.

ANNUAL INDOOR TRACK MEET.

The annual all-university track meet held Monday night, March 25th, in the University Armory, resulted as follows:

One half mile—Shaughnessy, 1st; Lindberg, 2nd; Shine, 3rd. Time 2:00.

50 yard dash—Molunby, 1st; Spink, 2nd; Hayward, 3rd. Time .05 2-5.

50 yard high hurdles—Smith, 1st; Fritsche 2nd; Stowell, 3rd. Time .07 1-5.

Two mile run—Shine, 1st; Stadsvold, 2nd; J. Anderson, 3rd. Time 10:52.

High school relay—1st, Minneapolis Central, Warner, Bohlen, Horn, Miller; 2nd, West High; 3rd, St. Paul Central. Time 1:47 3-5.

Mile run—Brown, 1st; Tydeman, 2nd; Chapin, 3rd. Time 4:30 2-5.

Quarter mile—Shaughnessy, 1st; Karnofsky, 2nd; Stowell, 3rd. Time .58 3-5.

Mile run (high schools)—Watson, West High, 1st; Beggs, Minneapolis Central, 2nd; Durst, West High, 3rd. Time 4:28.

High jump—Wipperman and Orsinger tied for first; Carmen, 3rd. Height, 5 ft. 6 in.

50 yard low hurdles—Molumby, 1st; Wilcox, 2nd; Wisner, 3rd. Time 6 1-5.

Broad jump—Lambert, 1st; Molumby, 2nd; Pettibone, 3rd. Distance 20 ft. 6 1-2 inches.

Inter-fraternity relay race—1st Phi Delta Theta—Breckenridge, McCormick, Pettibone, Lindeberg, 2nd, Delta Upsilon; 3rd, Phi Sigma Kappa. Time 1:51.

BOUGHNER ON JOURNALISM AS A CAREER.

L. J. Boughner, city editor of the Minneapolis Tribune, addressed the students in chapel last Monday morning taking as his topic "Journalism as a career for college men and women." Mr. Boughner dwelt particularly upon the great opportunities in the field of journalism for rendering a real service to society, as well as the reasonable rewards which can be attained in this field.

INJURED IN CHEMISTRY LABORATORY.

George K. Johnson, of Marshall, Minn., a sophomore at the college of agriculture, was badly injured by an accident which occurred in the chemistry laboratory Monday, March 25th. The contents of a heated test tube filled with sodium hydroxide were blown into the young man's eyes and face. It is impossible to say as yet whether Mr. Johnson will permanently lose his eye sight as a result of the accident or not.

QUESTIONS Y. M. C. A.'s USE OF BUILDING.

Last Monday's Tribune contains a statement that a tax payer has raised the question of the maintenance of a branch of the Young Men's Christian association on state property in violation of the state constitution which provides that no appropriation shall ever be made for sectarian schools. The facts are, as the alumni all know, that this building was erected by private subscriptions for the use of the Students' Christian association, a non-sectarian organization of both men and women. Upon the organization of the Young

Men's Christian Association and the Young Women's Christian Association the Students' Christian Association gradually ceased its activities as an independent association and leased its building to the Young Men's Christian Association which has occupied the building and kept it in repairs for the past twenty-three years.

WIPPERMAN ELECTED CAPTAIN.

Paul W. Wipperman, center on the basketball team of the past season, has been chosen captain for the next year's team. Wipperman is a junior medic and has played center on the team for the past two years.

SUPPLEMENTARY ADDRESSES IN THE HISTORY OF EDUCATION.

1. Professor D. D. Mayne, Friday, April 12, 1912. Problems of agricultural education, 2. S. A. Challman, state inspector of graded schools Friday, April 26, 1912, Problems of our state graded schools; 3. Professor A. W. Rankin, Friday, May 10, Development of public education in Minnesota.

All lectures to be given at 4:00 P. M. Room 311, Folwell Hall.

PRIZE WINNERS' SHORT COURSE.

Last week at the agricultural department was conducted a special week's course for the boys and girls who won the industrial contests that have been held in the schools of the state under the direction of Mr. Howard of the extension division of the school of agriculture. About 150 were in attendance. The expenses of those who received the prizes were borne by the state. The course of instruction for the boys includes practical farm subjects while that for the girls consists of work in domestic science and household art. Provision was made for the care of the boys and girls in the dormitories of the school of agriculture.

ENGINEERING NOTES.

At the recent annual meeting of the local branch of the A. I. E. E. Dean Shenhon, C. E. '95, Mr. A. L. Abbott, E. E. '93, Mr. E. P. Burch, E. E. '92, Mr. Truman Hibbard, E. E. '98, Mr. Chas. L. Pillsbury, and Mr. E. W. Scofield, former students, Mr. Earl D. Jackson, E. E. '05, and Prof. W. T. Ryan, E. E. '05; each had an important part in the proceedings of the two days convention which was held in connection with the recent Northwestern electrical exposition, at the Minneapolis armory.

Otto E. Brownell, Eng. '10, returned from the Panama Canal Zone recently. He gave an informal talk upon the progress of the Canal work before the Engineers Society.

Oscar B. Bjorge, Eng. '07, who is located

THE HAZARD TEACHERS' AGENCY

21st year. Covers the West. Permanent Membership for One Fee.

Three Offices. Established in Minneapolis in 1892; Spokane in 1904; Denver, 1905. *Booklet Free.*

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at Duluth, Minn. with the Clyde Iron Works, has recently been appointed chief engineer for that concern.

F. C. Boerner, C. E. '11, visited on the Campus this week. He has recently resigned from a position with the U. S. Engineers Office at Marquette, Mich.

H. P. Arneson, C. E. '11, has resigned his position as inspector with the U. S. Engineers Office at Rock Island, Ia. He visited on the Campus this past week.

Sidney Smith, C. E. '11, City Engineer of Mitchell, S. Dak. visited on the Campus this past week. He is on his way to inspect some concrete pavements in Michigan. While at the University he had a Recording Voltmeter adjusted and calibrated by the electrical department.

The juniors held their annual banquet Monday evening, March 25th at the West hotel. Fifty students were present and fourteen faculty members were invited guests of the class. Mr. Shipley as toastmaster called on the following professors for toasts:—Dean Shenehon, Professor Martenis, Ryan, Kirchner, and Cutler. After the talks Prof. Zelener accompanied by Mr. G. B. Strong sang several selections. The banquet adjourned with the singing of the college hymn "Minnesota."

MINNESOTA BOYS AT CORNELL GET TOGETHER.

A meeting of the Minnesota boys at Cornell university was held at the Phi Sigma Kappa lodge Monday evening March 18th, and it was decided to organize a Minnesota club. The following were present:—Jehle, R. A., '05 Ag, Power, F. S., Forrestal, J. J., Lufkin, H. M., Macdonald, D. B., Watson, G. B., all of St. Paul; Collins, L. F., Huey, G. O., Lawler, S. S., Summers, R. E. J., Summers, Wm. F., of Minneapolis; Falk, F. W., Larrome, D. M., of Duluth; Hurley, J. J. of Pine City, and Nicholson, F. H., of Lynd.

SOPHOMORE VAUDEVILLE A SUCCESS.

The sophomore vaudeville given in chapel last Monday night was an unqualified success. The attendance was gratifyingly large and the various features of the program were well presented and enthusiastically received. The program follows:—

"The Daisy chasers," "The Nine nifty niggahs," "Corporal Hollingsworth," "Ye merry milkmaids," "The airey-flarey," and "Shot at sunrise."

CONCERT BY BAND.

Last Wednesday evening the University band gave a concert in chapel. The purpose of the concert was to raise money to cover the expense of an out of town trip during the Easter vacation. The program follows:—

Overture—"The Trumpeter at Camp"—Gruenwald.

My Hero—"Chocolate Soldier"—Strauss. Trombone—"The Signal"—Brooks. Mr. McGonagle.

Selection—"The Boys in Blue"—Dalby. Donizetti.

Sextette from Lucia (by request)—Donizetti.

Humoresque—"Everybody Works but Father"—Bellstedt.

Waltz—"Vienna Beauties"—Zehrer. Tenor—"I Love the Name of Mary"—Olcott.

Mr. Grindeland

Haviland's Happy Hits—Halles. Cornet and Euphonium—"Miserere" from *Trovatore*—Verdi.

Mrs. Ellison and Miller. Operatic Mingle—Laurendeau. Minnesota, Audience and band—Rickard.

PILLSBURY CONTEST.

The Pillsbury contest held in the University chapel last Thursday evening resulted in H. J. Burgstahler receiving first place; F. D. Tonne, second, and Miles McNally, third.

WANTED—

Copies of 1908 and 1912 Gopher

1401 University Ave. S. E.

THE H. W. WILSON COMPANY

THE SAVINGS DEPARTMENT
of the
MINNESOTA LOAN & TRUST CO.

invites your savings account.

Deposits up to APRIL 10th draw interest from APRIL 1st.

3¹/₂%

Interest
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Capital, Surplus and Profits, \$1,200,000 First Ave. South and Fourth St.

DEATHS.

Frank J. Smith, Law '89, died recently at San Diego, California, after a brief illness. Mr. Smith had gone to California to be with his wife, who had gone there for her health, when he was taken ill and died very suddenly and unexpectedly. Mr. Smith was a member of the first law class and has been very successful in the practice of his profession and in his business investments. He has won recognition from the people of his state by being elected judge. His home was at Caldwell, Idaho. Mr. Smith was a cousin of Mrs. A. L. Rist (Ada Smith '89) of Algona, Ia.

A week ago yesterday John N. Blair, assistant state weigh master died at his home 1403 Cleveland Ave., St. Anthony Park. Mr. Blair was the husband of Professor Margaret Blair who is in charge of sewing and household art in the department of agriculture, and the father of Donald S. Blair, Ag. '07. Mr. Blair has been ill for a long time and his death was not unexpected. The funeral services were conducted by the masonic lodge from the residence last Monday afternoon. The interment was at Utica, Minn. The active and honorary pall bearers were from the faculty and prominent state officers.



NOT A DAY PASSES

- † that does not mark the entrance of young, energetic men into the business life of Minneapolis.
- † It goes without saying that those who have a little money saved by their own effort and self restraint stand the best show for success.
- † How will it be with you when you make your start? Are you making preparations?
- † APRIL FIRST begins the new quarter at the "Hennepin County Savings". Let it be the red letter day when the cornerstone of your success shall be laid.

**HENNEPIN COUNTY
SAVINGS BANK**

FOURTH ST. & FIRST AVE. SO.
MINNEAPOLIS

Quarterly Notice

DEPOSITORS

Are respectfully requested not to wait until the last day before depositing their money in order to draw interest.

Deposits made on or before April 10th will draw interest from April 1st.

INTEREST RATE **3¹/₂%** COMPOUNDED QUARTERLY

Assets over \$14,750,000

Number of Depositors over 61,000

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Alumni Professional Directory

This directory is published for the purpose of affording a convenient guide to Minnesota Alumni of the various professions, who may wish to secure reliable correspondents of the *same profession* to transact business at a distance, or of a special professional character. It is distinctly an *intra-professional* directory. Alumni of all professions, who, by reason of specialty or location are in a position to be of service to Alumni of the the same profession, are invited to place their cards in the directory.

Professional cards in this directory are classified alphabetically by states, alphabetically by cities within the states, and the names of alumni (or firms) in each city are likewise alphabetically arranged. The price of cards is six dollars a year. This includes a free subscription to the weekly

CALIFORNIA.

GEORGE L. KEEFER '92, '95I.
Attorney and Counsellor at Law
412-413 Currier Building, Los Angeles, Cal.
After sixteen years practice now makes a specialty of legal advice by mail.

IOWA.

Theo. F. Bradford, Robert E. Johnson, Law '08
BRADFORD & JOHNSON
Attorneys at Law
Woodbury Building Marshalltown, Iowa

MINNESOTA.

HUDSON & HUDSON
Sanford H. Hudson
Irving M. Hudson, '06, '09I.
Swift County Bank Bldg., Benson, Minn.

GOTHFRED S. SWANSON '07I.
Attorney at Law. General Practice.
206 Iron Exchange. Brainerd, Minn.

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O. A. Lende '01, '03.
Canby, Minnesota.

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Clarence A. Webber, '93I.
916 New York Life Bldg.,
Minneapolis, Minn.

FRED NASON FURBER, '04I.
Attorney and Counselor at Law.
819-825 New York Life Building,
Minneapolis, Minn.

G. A. WILL, '96I.
708 Andrus Building,
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C. E. Warner, '05-'07I. D. L. Stine, '06I.
WARNER & STINE
105-7-9 International Bldg.,
Minneapolis, Minn.

WASHINGTON YALE, '96, LAW '98,
820-4 Security Bank Bldg.,
Minneapolis, Minn.

C. B. Schmidt, 1901 Edw. A. Waters, G. L. '05
Phone N. W. Cedar 2432
SCHMIDT & WATERS
Attorneys at Law.
324 Globe Bldg., St. Paul, Minn.

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4-5-6, 1st Nat. Bank Bldg.,
Joplin, Mo

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FRANK ARNOLD
Attorney at Law.
Room 1 Thompson Block,
Livingston, Montana.

NEVADA.

THOMAS E. KEPNER,
Lawyer,
19 Gazette Bldg., Reno, Nevada.

NORTH DAKOTA.

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White & Henderson Bldg.,
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WASHINGTON.

FRANK D. DAVIS

Attorney at Law.

Knight Block Puyallup, Washington.

M. J. LUBY,

Academic '98, Law '02.

701, 702 Hutton Bldg., Spokane, Wash.

CASSIUS E. GATES

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Central Building. Seattle, Wash.

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PERSONALS.

'86—Mary E. Spaulding is living at 371
Clarmont Drive, Pasadena, Calif.'92 Law—Livingston A. Lydiard who is
engaged in the real estate business in this
city and who was formerly city clerk of
Minneapolis for many years, has been men-
tioned in connection with the Republican
nomination for governor.'98 Law—George W. Armstrong has
been very ill with pneumonia at his home
at Glen Lake.'05 Med—Dr. Hugh S. Wilson, of Crys-
tal, N. D., spent a few days at the Uni-
versity last week. Dr. Wilson has been
away from Crystal since the middle of
December, most of the time living at
Roosevelt, Ariz. Dr. Wilson visited his
aunt, Mrs. May Elwell Spaulding, '86, in
nia. Dr. Wilson will soon return to Crys-
Pasadena while on a trip through Califor-
nia to take up his practice which takes in
several towns in the territory surrounding
Crystal and which is so extensive as to
tax his strength to its limit.'06—Caude G. Miner is teaching chemis-
try, assaying, mineralogy and physics in
the Shasta county polytechnical school at
Redding, Calif. This school is also a state
high school. Mr. Miner receives a salary
of \$1600 and has been asked to stay for
another year at a substantial increase in
salary. In his school work he has every-
thing necessary to work with and the
hours are short. His work is very largely
supervision of the department. Mr. Miner
was married last September to Miss Mar-
garet M. Whyte of Condon, Ore.'07, Med. '09—C. A. Booren who has
been in Berlin for some time past pursu-
ing graduate work in medicine, is now in
Paris. He expects to be back in Minne-
apolis about the first of May. He has
spent a year and a half in Europe and feels
that the work has been exceedingly valu-
able to him.'07—Edith M. Phelps who is with the H.
W. Wilson Company of this city, has edit-
ed for that company six manuals in their
debaters' handbook series. The titles of
the handbooks edited by Miss Phelps fol-
low: Parcels post, Initiative and referen-
dum, Federal control of interstate cor-
porations, Income tax, Woman suffrage.Ag. '07—Born to Mr. and Mrs. D. P.
Tierney, a daughter, February 21st.

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ates of the University will find that **this** Agency can place them in
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Vol. XI.

April 15, 1912.

No. 27

COMING EVENTS

Monday, April 15, at chapel—What is the matter with our cities? Address by Professor W. A. Schaper. 8 p. m. Choosing public servants, by John W. Bennett, '86.

Tuesday, April 16, Address by Hugh V. Mercer, upon labor legislation, Room 16, Physics building, 12 m.

Wednesday, April 17, 4 p. m. Professor Frank M. Anderson, upon The modern view of the French Revolution.

Cap and Gown day—Seniors appear in chapel—special musical program by Keith Walker.

Friday, April 19, Address by Albert Bushnell Hart, of Harvard, at the chapel hour.

May 2 and 3—At the Shubert—The Pretenders by the Masquers.

COMPLIMENTS COMPROLLER HAYES.

The public examiner, Andrew E. Fritz, has just made public his report on the examination of the University books. According to the report the University is living well within its budget for the current year and the state of the books was found to be in first class condition. The examiner takes occasion to compliment in particular the work of the purchasing department.

SUGGESTIONS WANTED.

In connection with the alumni directory which is to be issued this fall, the editor of the Weekly would like suggestions from any alumnus in regard to the publication of the same. If you have any suggestion concerning the arrangement of matter or anything that you think would improve the directory, your suggestion will be thankfully received.

MAKES MINNESOTANS MAD.

The frequent references to Minnesota's stand for a scholarship basis of eligibility,

as a lax standard, is well calculated to arouse the ire of every lover of a square deal. We, of Minnesota, believe that it is the **only honest and enforcable standard** for an educational institution.

Sixteen years of experience with the so-called **amateur standard**, has shown that standard to be **thoroughly unreliable**, and **wholly inadequate** to check dishonesty in intercollegiate athletics,—indeed it has been demonstrated that such a standard **puts a premium upon** and encourages all sorts of **deceitful practices**, not alone at Minnesota, but in every college in the conference.

We, of Minnesota, are completely disgusted with attempts to tinker the amateur standard to make it fit what it was never intended to fit. Sixteen years of unsatisfactory trials to make the amateur rule work has satisfied us that it never will work. We are tired, very tired, of this unseemly wrangling. Let us adopt a rule that will cut out ringers, and admit to intercollegiate athletics only those who are in college for the purpose of securing an education.

Minnesota's stand is for a rule that can and will be **honestly enforced** without question. If other colleges don't want to play with us on such a basis—so much the worse for them—we can survive, and we certainly shall enjoy our own self respect.

UP IN THE AIR AGAIN.

The whole athletic situation is up in the air again. At the meeting of the big eight representatives, held a week ago last Saturday, several important matters were brought up and settled, but the one which has caused all the trouble, was left unchanged and the past six months has seen no real progress beyond the fact that a real issue has been joined and the members of the conference have lined up on this issue—that of the scholarship basis of eligibility.

1912
JUNE 17

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SUMMER SESSION

1912
JULY 26

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Vol. XI. April 15, 1912. No. 27.

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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.

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.

EARLE R. HARE, M. D., '00.

Editor of the Special Medical Issues.

HARRY WILK, '12, Advertising Manager.

At the recent meeting, the proposition of the presidents, for double representation, was defeated, and the proposition for the adoption of a scholarship basis of eligibility was also lost by a tie vote. Ohio State was admitted to the conference which is again the big nine, with Ohio State in Michigan's place, with the possibility that she may side with those who favor a scholarship basis of eligibility.

Whatever is done, should be done as a matter of principle and the principles involved should be plainly stated, and it should be made clear that it is a matter of principle and not pique, or passion, or any base motive, but only the highest good of the University that causes us to stand for such a basis of eligibility.

Naturally, the newspapers look at the effect, that action or lack of action, on the part of Minnesota, will have on the

winning of games or the making of schedules. These are the chief things that interest the public—but the University cannot afford to let its action be affected by any such considerations. Only one thing should affect its final decision, and that is, is such action right and in accordance with the highest principles of conduct, and in line with promoting the highest interests of the University as a whole—the question of its effect upon any particular line of intercollegiate sport, save as that sport may enter into and constitute a part of the larger institutional life, should not be considered.

It is our firm belief that the so-called amateur rule can never be enforced—believing this, we must believe it the duty of Minnesota to refuse to subscribe to that which she does not believe can be enforced. It is not a matter of summer baseball, professionalism, or anything else, but just common honesty and decency.

Indeed, Minnesota alumni have taken specific action against summer base ball by urging that Minnesota's representative stand solely for a scholarship basis of eligibility, with the one-year residence rule to cut out ringers.

It cannot be stated too emphatically nor too many times, the Minnesota's stand is NOT FOR A PROFESSIONAL BASIS OF ATHLETICS, NOR IS IT FOR SECURING THE RIGHT OF ITS STUDENTS TO PLAY SUMMER BASEBALL WITHOUT INJURING THEIR RIGHT TO TAKE PART IN INTERCOLLEGIATE ATHLETICS—Her stand is for a matter of principle, a logical basis of eligibility that can and will be enforced and that will cut out, from intercollegiate athletics, all who are not in the University, primarily, for an education.

As to the effect that the continuance of the present rule upon the major sports, Minnesota will not be any worse off than any other institution. At the time when the matter was brought up at the January meeting of the big eight, Minnesota had a smaller number of ineligible than any of the other big institutions had at that time. All the leading football teams will be literally "shot to pieces" for the coming fall if the rule is not changed—but that is a minor matter, the thing that counts, is, what is the use of going along with a rule

Following the Advice of Subscribers

We again call attention to the fact that nearly 400 subscribers are behind in their payments for the current year's subscription

Are You One of the 400?

Eventually—Why Not NOW?

that has wrought confusion for the past sixteen years, when we have a means of settling the question without confusion and with absolute certainty that the rule can and will be enforced?

Occasionally there will be men who are candidates for athletic teams that meet all the requirements of the rule suggested, but who have been professional ball players. Such cases can be cared for by the institutions themselves, or, if they are not, the damage will be small compared with the conditions that have obtained for the past sixteen years. The rule, in force for sixteen years, has not kept off the teams professionals, as has been brought out during the past season.

The question will never be settled until it is settled right.

We believe Minnesota's stand is right.

Many of those who stand for the amateur rule say that we shall come to the scholarship basis in time—EVENTUALLY—WHY NOT NOW?

FOR A SCHOLARSHIP BASIS.

To the Alumni Weekly.

During the controversy that has been going on among the newspapers, especially in the Twin Cities, with reference to the athletic situation of the conference, I have been following the matter with a great deal of interest, and it seems to me the conclusion at which you arrive in the April 1st issue of the Alumni Weekly in your article on this question hits the nail squarely on the head.

While I was at the University, I was very enthusiastic over athletics not only in those branches in which I took some active part, but in all other branches in which I was interested as a spectator and I never could understand the basis of the amateur rule, so called, by which the eligibility to participate in athletics was determined. If I am correctly informed the idea that a person who receives pecuniary profit for his athletic skill thereupon became tainted so to speak, first arose in England, it being the theory that a person who has been in close touch with athletics his services, no matter how small the compensation might be and even though it might have been meant as a gift, thereby forfeited all right to thereafter be eligible to take part in amateur sports. Regardless of the origin of the rule or the theory, it has been admitted by a great many people during the time this rule has been in existence, that the rule is wrong in principle, and it seems to me that there is no one who has been in close touch with athletics during the past twelve years, can honestly claim that this rule has worked out in any way satisfactorily. I am inclined to believe that, could the truth be known, it is the exception rather than the rule, that the

members of the athletic teams of the colleges of the conference, as gauged by the present eligibility rule, are amateurs. And so I must disagree with you when in that article you state that the colleges for the past sixteen years have been enforcing this rule "reasonably well." In my opinion during the past twelve years the majority of the colleges have been enforcing this rule unreasonably bad.

Even though we admit that this rule is right in principle, we can not help but admit that it can not be enforced. This has been tried for so long and the results have proven without a doubt that it is beyond the range of possibilities to enforce this rule with any degree of fairness to all concerned. Then why insist upon having a rule as a basis of eligibility that practice and experience has demonstrated can not be enforced.

It seems to me that it would be a mistake to eliminate inter-collegiate sports. There may be, and doubtless are, many evils existing under the present policy governing athletics but I do not believe that inter-departmental or inter-class sports will by any means take the place of our present athletics.

Now that the University counsel have decided positively and so instructed their delegate to accept no compromise but to insist on the scholarship basis of eligibility, either the conference must adopt this rule or Minnesota will withdraw. This is as I understand it. If the conference would adopt this rule, I would say by all means stay in the conference for I consider that the conference has been of much benefit to all the colleges that associated under it. On the other hand I have no doubt in the world but that should Minnesota withdraw from the conference, she will have no difficulty whatever in filling her schedule in all branches of athletics with desirable games and that the interest will be just as keen as ever.

Trusting the plan you approve will, so far at least as Minnesota is concerned, be adopted, and with personal regards, I beg to remain

Yours very truly,
Hugh E. Leach.

ENDORSE SCHOLARSHIP BASIS.

The following letter was recently received from George C. Rogers, Law '00, of St. Paul.

"Keep up the good work for the scholarship basis, and keep hammering at it, until the presidents of the universities in the conference, see the light of day, and acknowledge the wisdom of our stand. I believe that I am the originator of the scholarship basis for eligibility in college athletics. It was over 12 years ago, when this idea came to me, and I have been arguing in its

behalf ever since. At first everyone used to laugh at me and now it is a source of a great deal of pleasure to me to see the numbers who believe in it, and who argue in its interests, everytime the matter is brought up for discussion.

To my mind, after 17 years of experience in college athletics, it is the only solution, of the chaotic condition athletics are in today. If it is adopted, there will be only one standard, only one rule to be enforced, and will remove all the little petty quarrels and differences that have interfered with the true development of pure athletics in the colleges and universities of the West.

In making the above statement, I firmly believe that I am stating the sentiments of practically the unanimous view of all the Alumni in St. Paul. Speaking for myself, I am firmly convinced that unless the Conference adopts the above standard, that it would be for the best interests for Minnesota to withdraw, and go it alone, until such time as the conference would see the light of reason."

DEAN SMALL MISQUOTED.

The daily papers some time since gave considerable space to what was purported to be a report of a speech made by Dean Small before the Wisconsin alumni living in Chicago. We took occasion to send Dean Small one of these reports and to ask whether what he was reported to have said was what he did say. Dean Small replies in a letter stating absolutely that what he did say was just about as far from what he is quoted as saying as it is possible for anything to be. The various phrases that were played up in the original reports were made to represent sentiments absolutely foreign to anything expressed by Dean Small in his address. As Dean Small himself says, "The address might have been delivered before the alumni association of Minnesota, or even before the student body at Minnesota without giving any offense." He attempted simply to present his views of two honestly held alternatives, not as an athletic partisan, but as a man who has been an observer of the academic side of athletics for more than thirty years. He says, "more specifically I may say there is not a single sentence in the clipping which you send which I uttered as it stands."

SPRINGER'S "SPHERICAL-WANT" SYSTEM.

Last Thursday, Professor Frank W. Springer addressed the engineering students upon the subject of educational systems of the United States, France and Germany, and outlined a system of education which he has worked out as a result of many years' study and investigation of the subject.

Briefly, the system considers education

as an enlarging sphere of real knowledge, or interlaced mental and physical habits, which one takes into and makes a part of his very life—an organic part of himself.

This system is based upon the supposition that the wants of each individual are the principal incentives to those activities which result in repeated actions and form habits.

Thus the problem of education becomes, how to direct and stimulate proper wants (needs and desires) in the individual and how to arrange conditions so that the student may satisfy his wants by his own effort and will.

Professor Springer has in preparation, nearly completed, a thesis upon this topic. In this thesis he discusses the modern trend of education and outlines his "spherical-want" system in detail, showing how religion, science, morals, eugenics, efficiency, citizenship all find a natural place in the system. In the course of the thesis he discusses the "money-life curve" of the product of various systems of education; the faults of our present system; and makes a study of the French and German systems as compared to that of the United States.

The problem finally resolves itself into the question of proper teachers—and the absolute necessity for more high grade men in the high schools and even in the grades, to some extent.

The "spherical-want" system, as developed by Professor Springer, follows nature's method of development and training, and offers opportunity for the fullest and freest working of all the various elements that must enter into a complete education, such as heredity, environment, wants, will, selfishness, habits, etc. The plan is comprehensive and along lines that promise real results in the way of educational reform.

DR. FOLWELL PROPOSES PLANS.

"Wasted centuries in education," was the title of the food for thought offered the Minnesota alumni of Washington, D. C., by Dr. W. W. Folwell, at the last of the last of the season's gatherings at the Tea Cup Inn. The academic attitude towards higher education as an end in itself,—the attitude which produces "pure" science, art for art's sake, and all for the sake of "mental discipline," and "refinement," as an excuse for idle leisure,—came in for a flaying at the hands of the professor emeritus of political economy. It would almost have seemed that the late Mr. Crane of Chicago was obtaining notable support in opposing higher education altogether, so astonishingly conservative did the views presented appear; yet the talk was entirely informal and should not be reviewed too critically. Dr. Folwell has found the degree of Ph.

D. characterized, (and all too aptly, at times), as "the badge of industrious mediocrity." With this as a keynote he traced the growth of higher education as a fad or fashion from the universities that developed in medieval times and have been handed down to our day with the aristocratic air of the crafts guilds still about them. Of old the seven classic studies represented the limits of all human knowledge and while modern conditions have displaced these with modern languages and sciences, the undesirable attitude is still retained. We still copy the English in setting a definite course of attainment to be completed in a definite four years; and the type of English educated youth by the way, is an accomplished and aristocratic imbibor of anything but knowledge. Most of the time spent on modern languages and science is wasted. Last year Professor Moore had one thousand four hundred and seventy-two students learning German, yet it is safe to say that not three per cent of these could write a letter or carry on fifteen minutes conversation in German in a respectable way on completing a two years' course.

By way of suggestions for remedying these conditions which produce "exam pluggers" instead of thoughtful men and women, Dr. Folwell advocated, besides radical changes in the curriculum, the abolition of definite courses leading to degrees. Men and women should attend the university to learn enough to become more useful with no time limit set on an education. In professions where some certificate of proficiency is necessary for undertaking them, such certificates should be issued by a special bureau of examination in no way connected with those who teach.

Dr. K. C. Babcock, who presided, and who is in charge of the higher education work for the bureau of education, protested kindly against the iconoclasm to which his profession had been subjected. He then introduced Congressman Sydney Anderson, a former student, who averred that while he had not had all the education he felt he needed, he had succeeded in passing the bar examinations and attaining to some success, but rather in spite of, than because of some little lack of the best in education. He felt that considerable of the differences in opinion apparent might be cleared up by a consideration of education as fundamentally an effort on the part of the adults to shape the ideals of the rising generation. If our ideals change, the material and even the methods of education may change with them but the education is none the less a fundamental part of our evolution. Today our educational undertakings are taking on a decidedly practical turn. We are coming more closely to follow that precept of **service** given us some twenty centuries ago,—*"Feed my sheep."*

The toastmaster commended the modest tone of the congressman's talk with the remark that he defied anyone present to guess whether Mr. Anderson was for Roosevelt or for Taft.

Twenty-nine were present to guess but none essayed it. Among those who had not been present at the previous gatherings were M. A. Thompson, Ag. '11; Leroy Crandall, Ag. '11; Walter Badger, '07 Chem. '08; Roy W. Tallman, Mr. and Mrs. Chas. J. Brand, '04, and Bert Russell, '02.

THE HIGH SCHOOL AND THE BOY.

The Saturday Evening Post of April 6th contains an article of so much merit, upon the above question, that we cannot refrain from calling the attention of our readers to the same. It was written by William D. Lewis, principal of the William Penn High school of Philadelphia. This is a live topic and no good citizen can afford not to be thoroughly informed about the same. While the article deals alone with the high school, the principles which he sets forth are applicable all along the line in education. The **system** must give away to the **individual** and the individual must be treated as an **individual** and not as **one of a mass** to be turned out by the thousand by the educational machine.

"STOVER AT YALE."

This story, which has been running in McClure's, has just been issued in book form by Frederick A. Stokes Company, of New York City. Owen Johnson, the author, has added to his already secure reputation by this book, which is the best college story we have ever read. Throughout, the book shows an intimate knowledge of college life and a knowledge of college men of all kinds. There is no attempt to gloss over weaknesses or to glorify that which does not deserve such treatment. One weakness of college life, the minimizing of the individual and making the collective organization the unit, is pointed out with relentless clearness. The chief character, Dink Stover, is a man who 'is in line for all the good things which come from being in with the crowd that does things—he is awakened and takes a stand against the usurpation of society and in favor of individual development, and wins in spite of his independence. We quote below a few paragraphs which illustrate some of the points we have tried to make in the foregoing.

"I say our colleges to-day are business colleges—Yale more so, perhaps, because it is more sensitively American. Let's take up any side of our life here. Begin with athletics. What has become of the natural, spontaneous joy of contest? Instead you have one of the most perfectly organized

business systems for achieving a required result—success. Football is driving, slavish work; there isn't one man in twenty who gets any real pleasure out of it. Professional baseball is not more rigorously disciplined and driven than our 'amateur' teams. Add the crew and the track. Play, the fun of the thing itself, doesn't exist; and why? Because we have made a business out of it all, and the college is scoured for material, just as drummers are sent out to bring in business.

"Take another case. A man has a knack at the banjo or guitar, or has a good voice. What is the spontaneous thing? To meet with other kindred spirits in informal gatherings in one another's rooms or at the fence, according to the whim of the moment. Instead what happens? You have our university musical clubs, thoroughly professional organizations. If you are material, you must get out and begin to work for them—coach with a professional coach, make the Apollo clubs, and, working on, some day in junior year reach the varsity organization and go out on a professional tour. Again an organization conceived on business lines.

"The same is true with the competition for our papers: the struggle for existence outside in a business world is not one whit more intense than the struggle to win out in the News or Lit competition. We are like a beef trust, with every by-product organized, down to the last possibility. You come to Yale—what is said to you? 'Be natural, be spontaneous, revel in a certain freedom, enjoy a leisure you'll never get again, browse around, give your imagination a chance, see every one, rub wits with every one, get to know yourself.'

"Is that what's said? No. What are you told, instead? 'Here are twenty great machines that need new bolts and wheels. Get out and work. Work harder than the next man, who is going to try to outwork you. And, in order to succeed, work at only one thing. You don't count—everything for the college.' Regan says the colleges don't represent the nation; I say they don't even represent the individual."

"What would you do?" said Brown. "Abolish all organizations?"

"Absolutely," said Brockhurst, who never recoiled.

"What! Do you mean to say that the college of 1870 was a bigger thing than the college of to-day?"

"My dear Brown, it isn't even debatable," said Brockhurst, with a little contempt, for he did not understand nor like the man of flowing words. "What have we to-day that is bigger? Is it this organization of external activities? We have more bricks and stones, but have we the great figures in the teaching staff? I grant you, this is purely an economic failure—but at the bottom of

the whole thing compare the spirit inside the campus now and then. Who were the leaders then? The men of brains. Then the college did reflect the country; then it was a vital hotbed of political thought. Today everything that has been developed is outside the campus; and it's so in every college. This is the tendency—development away from the campus at the expense of the campus. That's why, when you ask me would I wipe out our business athletics and our professional musical and traveling dramatic clubs, I say, yes, absolutely. I would have the limits of college to be the walls of the campus itself, and we'd see, when men cease to be drafted for one grind or another, whether they couldn't begin to meet to think and to converse." * * *

"What I criticize here I criticize in American life. As to why I remain at Yale, I remain because I think, because, having the advantages of my own point of view, I can see clearer those who are still conventionalized."

"But you don't believe in working for Yale?" persisted Stover, for he was angry at what he perceived had been his discourtesy.

"Work for Yale! Work for Princeton! Work for Harvard! Bah! Sublime poppycock. Of all drivel preached to young Americans, that is the worst. I came to Yale for an education. I pay for it—good pay. I ask, first and last, what is Yale going to do for me? Work for Yale, go out and slave, give up my leisure and my independence—to do what for Yale? To keep turning the wheels of some purely inconsequential machine, or strive like a gladiator. Is that doing anything for Yale, a seat of learning? If I'm true to myself, make the most of myself, go out and be something, stand for something after college, then ask the question if you want. Ridiculous. Hocus-pocus and flap-doodle! Lord! I don't know anything that enrages me more. Good night: I'm going. Heaven knows what I'll say if I stay." * * *

"One is, our colleges are all turning into social clearing houses, and every one is too absorbed in that engrossing process to know what happens outside; second is the fact that our universities are admirably organized instruments for the prevention of learning."

Brockhurst, the man who voices the extreme views of rebellion against tradition and in favor of the individual, says, in closing—"I am not satisfied with Yale as a magnificent factory on democratic business lines; I dream of something else, something visionary, a great institution not of boys, clean, lovable and honest, but of men of brains, of courage, of leadership, a great center of thought, to stir the country and bring it back to the understand-

ing of what man creates with his imagination, and who dares with his will. It's visionary—it will come."

The story is one which any college man, or woman for that matter, will read and thoroughly enjoy. The men one meets in the book are just ordinary good fellows, typical college men, and true sportsmen. The whole point of view set forth by the author is wholesome and the book is bound to exert a helpful influence upon college life in the United States.

SNYDER FOR GOVERNOR.

The Fergus Falls Journal urges the republicans to nominate Senator Fred B. Snyder, '81, for governor. The Journal, which is edited by Elmer E. Adams, '84, points out how Mr. Snyder would be a particularly strong candidate and how he is unusually well fitted to fill the governor's chair with honor to himself and to the state. The Journal also notes the fact that Mr. Snyder is not seeking the nomination and if it goes to him it will go without his seeking it.

ANDRIST FOR GOVERNOR.

Professor Charles M. Andrist, '94, of the department of French of the University, is being boomed by the Minneapolis Democrats for the democratic nomination for governor of Minnesota. Professor Andrist has been mentioned in this connection several times in previous years but this time there is a strong movement behind him to make him a candidate. Mr. Andrist has not announced what he will do in case the nomination comes to him but it is safe to say he would not refuse the call if it was given to him with any degree of unanimity.

GOULD CANDIDATE FOR MAYOR.

C. D. Gould, Law '91, has filed as a candidate for the republican nomination for mayor of the city of Minneapolis. Mr. Gould is a member of the city council and has made an enviable reputation as alderman. In announcing his candidacy Mr. Gould places all the emphasis upon a strict enforcement of the law.

EDITS SERIES OF TEXT BOOKS.

A series of text books for use in Swedish classes in colleges and high schools is now being published under the general editorship of Professor A. A. Stomberg of the Scandinavian department of the University. Professor Stomberg has prepared an edition of Tegner's "Frithiofs Saga," a work that is generally considered the greatest masterpiece of Swedish literature. This will be ready for the publishers some time this spring. A Swedish grammar, prepared by Dr. E. J. Vickner, '01 newly elected head of the Scandinavian department of the University of Washington, is now in press and will be ready for next school year. One book in the series, Geijerstam's "Mina

pojkar," edited by Professor J. N. Alexis of the Scandinavian department of the University of Nebraska has already come from the press. Other collaborators in the work are Professor Elmquist of Northwestern University and Professor Mauritzson of Augustana College. Augustana Book Concern, Rock Island, Ill. are the publishers. Swedish is now taught in a very large number of colleges and universities of the land and several high schools have added Swedish to the curriculum. Thus four of the high schools of Minneapolis have had good sized classes in Swedish this year. In several other places will be organized classes in Swedish next fall, notably in Chicago and Duluth. It is to supply these schools with suitable text books in Swedish that these text books are published.

PRESIDENT NORTHROP WILL NOT SPEAK.

President Northrop will not speak at the Y. M. C. A. banquet at Dayton's April 19th. He very much dislikes to be announced as a speaker when he has made no engagement to speak.

PRESIDENT NORTHROP MAKES ADDRESS.

March 28th President Northrop made an address at Aberdeen, S. D., lecturing in the evening upon the Irish theater and speaking in the morning to the pupils of the high school upon "The high school pupil as he enters the University." In his address before the high school President Northrop spoke upon the difficulty which students find in adapting themselves to the college, that is, to getting the point of view he should have concerning his purpose in attending college; second, the difficulty the average University student has to think independently, falling naturally into the traditions of the college instead of using the college to serve his own purposes; and third, the necessity of students coming to appreciate the greatness of the literature of the race.

BURTON SPEAKES ON "WOMEN AS NOVELISTS."

Professor Richard Burton of the department of English, spoke to an audience of women gathered at the Leamington last Thursday upon "Women as novelists." The last lecture in the course will be given April 18th on "Latter-day writers."

PROFESSOR WILKIN ACTIVE.

Professor Matilda J. C. Wilkin, '77, who resigned her position in the University last spring, has been active in the work of the Good Templars and particularly in the organization of the Edelweiss, the first German-speaking Good Templar lodge in Minnesota. Professor Alfred Konig, '10, was

one of the chief movers in the organization of this lodge.

In a recent interview Mrs. Wilkin said, "The Good Templar Order is advancing rapidly in all parts of Europe. In America it has lost somewhat in the last few decades, but it is now again gaining in membership. It is non-partisan and non-sectarian. Its meetings furnish a place of social enjoyment in an atmosphere of a pure moral and mental tone, and at the same time, its Ritual charges and obligations, its dignified business transactions make a lasting and valuable impression, educating its members to do well their part in their future world's work. The next National Grand Lodge meets in St. Paul July 22, 1912. The International Supreme Lodge will meet in 1914 in Christiania, Norway."

DR ROSS MAKES ADDRESS.

Professor Ross, head of the department of sociology of the University of Wisconsin, spoke at the University last Thursday afternoon taking as his topic "Modern tendencies." In discussing this question Dr. Ross dealt with the changes in religious belief, impatience of restraint, commercialization and the increasing distrust of low standards.

ADDRESS BY DEAN VANCE.

The April 5th number of the Yale Alumni Weekly contains an address given recently by Dean W. R. Vance of the college of law upon "Law as a teaching profession." Dean Vance discusses how law as a teaching profession has gradually developed and the necessary qualities that a good teacher of law must possess.

RUSSELL EXPLAINS.

Editor Alumni Weekly:-

I am obliged to you for publishing my recent communication. I have read the reply in your latest issue. Probably the matter requires no further discussion. It appeared to me deplorable that the columns of the Weekly should be used in the statement of doctrines which might readily be perverted by those who have a selfish interest in the maintenance of unsanitary conditions. If the Weekly is to become an agency for "general-welfare" propaganda, let it appear in favor of light and air. The original article contained no words of caution in regard to the dissemination of contagious diseases. Probably no one will quarrel with the conclusion that terminal disinfection is often so tardily or so imperfectly executed as to be trivial. But I found nothing in the article to preclude the inference that disinfection in general is now to be regarded unnecessary and useless. The acceptance of that notion would of course mean an enormous sacrifice of lives. It has now been made clear that the writer demands an improvement in disin-

fection, and not a relaxation. Under these circumstances, I shall be glad to withdraw from a discussion in which I feel that others ought to lead—provided they will lead aright!

Bert Russell.

A GOOD NUMBER.

The March number of the Minnesota Engineer, which was recently issued, is an unusually creditable number. It contains 130 pages filled with interesting articles well illustrated with half tones and tables, upon various engineering subjects including the lecture of Professor Alois F. Kovarik, '04, of the department of physics upon Radioactivity, which was recently repeated by special request. The table of contents follows:-

"Harry Turner Eddy," by Professor Arthur E. Haynes; "The real engineer," by Roy V. Wright; "High frequency phenomena," by Professor W. T. Ryan; "Radioactivity," by Alois F. Kovarik; "Municipal distribution systems," by Charles N. Young; "Improvements in the E. E. laboratory," by C. D. Hovden and R. Herrmann; "Shop lighting," by H. Cole Estep; "The relocation of the Panama railroad," by O. G. Tubbey; "House heating and ventilation," by Professor John V. Martenis; "Oxy-acetylene welding," by Fred W. Buck; "Industrial accidents," by S. C. Shipley; "A Thesis on aeroplane design," reviewed by H. S. Morton and E. C. Crane; "Flexure and direct stress in concrete," by F. R. McMillan; Professor W. T. Ryan's new books; Editorial; engineers' society; college notes; Alumni notes.

MILITARY BALL APRIL 17th.

The Military Ball will be given in the University armory on the night of April 17th. Elaborate preparations are being made for the affair.

MILITARY INSPECTION MAY 20th.

Captain Harry H. Tibbetts will be at the University May 20th to inspect the cadet corps. The morning will be occupied by battalion inspection and regimental review and in the afternoon the cadets will march to Fort Snelling where they will fight a sham battle with St. Thomas. The day will be a holiday at the University.

SENIOR CLASS PLAY.

The senior class play this year is to be a three act comedy entitled "The girl from away." The play will be given some time before the final examinations.

COMPETE AT ILLINOIS.

The Minnesota gymnasium team consisting of seven members accompanied by Dr. Cooke left last Friday for Champaign, Ill., to compete in the western intercollegiate gymnastic meet held there last Saturday.

BASE BALL PRACTICE.

During the past few weeks the candidates for the base ball team have been turning out early and late for practice and getting into fine condition for the season's games.

UNIVERSITY BAND RETURNS.

During the Easter vacation the University cadet band gave six concerts in Minnesota. Glencoe, Olivia, Ortonville, Hutchinson, Montevideo and Appleton were visited.

WILL TEACH IN TENNESSEE.

Professor Arthur R. Mead, of the department of education, has been engaged as instructor in the summer school of the Uni-

versity of Tennessee. This is the largest summer school in the South.

GIVEN THE COLLEGE WOMEN'S CLUB SCHOLARSHIP.

Amy Lenstrum, '13, was recently awarded \$150 scholarship by the College Women's Club of this city.

'96—Dr. Lee Galloway of New York University, will lead a party of business men on a seven-weeks' tour through England and the Continent for the purpose of studying European commerce and industry. The trip will cover July and a part of August. In this work Mr. Galloway will be associated with Mr. E. J. Clapp of the same institution.

"Polly is Learning to Play the Piano"

A dimpled smiling, little old woman came into the Metropolitan Music Company's piano rooms and confided this news.

(Polly is her granddaughter)

We are glad to learn that Polly is learning, for less than three months ago she had been in to tell us what a horrid time she was having "chopping away at Chopin," as she put it. "Somehow I cannot become interested," she pouted.

(Polly, too, has dimples)

Grandma went on to tell us what was happening. "One of Polly's girl friends in our neighborhood received as a birthday gift one of the Malcolm player-pianos," she said. "It renders music most exquisitely. Old as I am, I have tried it—and I just cannot tell you the thrills I enjoyed when I found that everything was subservient to my will, that I could put my own personal expression into 'Annie Laurie,' for example—play it with all the dear old pauses and sobby things we folks at home used to put in—when we were all together, before—"

"But I am forgetting to tell you about Polly. She fell right in love with the Malcolm player-piano. Was over to her friend's house half the time, playing away. So we hit upon the idea of providing her Malcolm music rolls for the pieces she had been trying to play on her own piano. She worked them all out on her friend's Malcolm player-piano, and then she started in, at home, to play them herself, by hand—not quite as the teacher had directed, perhaps, but with her own notions of expression such as she had picked up from playing the Malcolm player-piano.

"Well, she is at it half the time, now, either at her home or at her friend's. And, dear me! I almost forget to tell you why I came in today. Polly sent me. She wants to know what it will cost to get a Malcolm player-piano we to turn in the piano as part payment. You see, she will still have a piano, as the Malcolm player-piano may be played either by hand or with the rolls. I am sure the player feature will help her to become a real performer by hand.

"We are just a little bit afraid," she added in an undertone, "that Polly will bother our neighbors by spending so much time there, practicing how to play by hand, as she puts it."

Arrangements were made in a few minutes.

Instead of merely a piano, Polly now has a Malcolm piano and a Malcolm player-piano, the two being combined in one instrument.

And maybe Polly isn't learning to play!

The price of the Malcolm Player-pianos is 395 Dollars—the terms are 9 dollars the first payment—and 2 dollars a week without interest added. These Player-pianos have never been sold for less than \$550, with terms of \$25 down and \$15 a month, with interest added at the rate of 5 per cent.

The Malcolm Player-piano, which is being sold to inaugurate this great Player-piano club, is the latest achievement in player-piano construction. They have no secrets that need be kept from you. They are like certain men and women. The more you see them and the better you know them the higher they rise in your esteem and affection.

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'92 Law—Porter J. Neff is city attorney of Medford, Ore., and is enjoying a very lucrative practice. He has recently built a four story hotel in the city known as Hotel Holland, which is considered one of the most attractive hostleries between San Francisco and Portland.

'93—Mrs. W. H. Davies (Grace Walther) has recently removed from Upper Montclair, N. J., to 303 East Avenue North, Oak Park, Ill.

'93 Law—Phil T. Megaarden has recently removed from Alaska to 1008 University St., Seattle, Wash.

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ENGINEERING NOTES.

J. C. Woodman, Eng. '11, has accepted the position of Chief Draftsman with the Clyde Iron Works, at Duluth, Minn. Mr. Woodman has been on construction work since graduation.

M. S. Larson, Eng. '11, recently accepted a position with the Gas Traction Company of Minneapolis. Mr. Larson, was married to Miss Lillian Sweet, of Minneapolis, on March 2nd.

Mr. T. H. Amrine, representing the General Electric Lamp Co., of Harrison, New Jersey, visited the Electrical Engineering Dept. on April 4th, for the purpose of securing some of the senior electricals for his company. On account of the change four years ago from the four to a five year course, only seven men will complete their electrical engineering courses in June. The department has already received more than enough applications for its graduates to take care of the usual sized class.

Messrs. A. P. Dorrance and L. E. Purves, senior electricals, have designed and built a photographic attachment for a General Electric Co. oscillograph, which will be used by them to observe line phenomena on the Minneapolis General Electric Co.'s transmission lines. A surge occurred recently which burned up a transformer and caused a temporary shut down of a portion of their system. Messrs. Dorrance

and Purves have taken a study of these disturbances for their thesis.

Mr. A. A. Lundquist, E. E. '05, has opened a consulting engineer's office in the Phoenix building in Minneapolis.

Clyde Methven, Eng. '11, is now located with the Canadian Northern Ry. at Port Arthur, Ontario.

MEETING OF THE BOARD OF REGENTS.

Meeting of the Board of Regents was held in the President's Office, Wednesday, April 10th at ten o'clock.

Present: Regents Lind, Eberhart, Nelson, Schulz, Sommers, Rice and Vincent.

Voted to approve the following appointments recommended by the President: John A. Handy, instructor in pharmaceutical chemistry at a salary of \$1500; Luther Wood Parker, instructor in the department of romance languages, at a salary of \$1200; J. Theodore Geissendoerfer, instructor in German, at a salary of \$1200; Mr. A. S. Edwards, instructor in philosophy and psychology, at a salary of \$1000. The foregoing appointments for one year beginning August 1st, 1912.

Voted to approve the following changes of title recommended by the President: Hal Downey, from assistant professor of animal biology to assistant professor of histology; Charles E. Johnson, from instructor in animal biology to instructor

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in the comparative anatomy of Vertebrates; Voted to accept the following resignations: Dr. G. A. Magnusson, demonstrator in pathology and Bacteriology, effective March 1, 1912; Miss Ada Comstock, dean of women, effective at the end of the current year.

Voted to express to Miss Comstock appreciation of her services to the University, regret at her leaving the institution and best wishes for success in her new position.

Voted to grant leave of absence to Frank W. White, instructor in animal husbandry, for six months beginning April 1st, without pay.

The following trips were authorized on the recommendation of the President: Pro-

fessor T. L. Haecker, to visit the experiment stations at Madison, Wisconsin and Ames, Ia. in connection with the equipment of the new dairy pavilion now under construction at the University experiment farm; expenses to be charged to dairy pavilion appropriation.

Professor Stoneburn, under appointment at the University, to make a special trip for consultation with regard to changes in the poultry plant.

Registrar E. B. Pierce to visit the University of Wisconsin to study the system of the registrar's office in that institution.

Voted to create the title of "graduate in nursing" to be conferred upon those who successfully complete the course of the school of nursing connected with the hospital of the college of medicine and surgery.

Voted to approve the recommendations of the president and deans, that laboratory and incidental fees (not breakage fees) be abolished and that the following schedule of annual inclusive fees be adopted:

Science, literature and the arts	..\$30.00
Graduate school	.....30.00
School of mines	.....55.00
College of engineering	.....50.00
Chemistry	.....55.00
Education	.....30.00
Agriculture	.....30.00
Law	.....65.00
Medicine and surgery	.....150.00
Dentistry	.....150.00
Pharmacy	.....82.50

Voted to approve the recommendation of the consulting engineer, Professor John J. Flather, for the purchase of four Babcock and Wilcox boilers and two Keeler boilers in accordance with the specifications and bids reported to the Board. Voting in the affirmative,—Regents Lind, Schulz, Sommers and Vincent. Voting in the negative,—Regents Eberhart, Nelson and Rice.

Proposals for the construction of a sewer from the agricultural school to connect with the sewer system of St. Paul were considered and, in as much as the lowest bid was greatly in excess of the estimate, all bids were rejected and the matter of construction referred to the comptroller

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Professional cards in this directory are classified alphabetically by states, alphabetically by cities within the states, and the names of alumni (or firms) in each city are likewise alphabetically arranged. The price of cards is six dollars a year. This includes a free subscription to the weekly

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321 S. Hill St. Los Angeles, California.

and dean of the agricultural department with power to act.

Voted to approve the contract with the Tri State Telephone company for a period of five years, the contract to expire at the same time with the similar contract with the Northwestern Telephone company.

Voted that the support for the St. Paul dispensary be paid in the same way as the support for the Minneapolis dispensary,—from the hospital support fund.

Voted that the campus rent fund cannot be drawn upon for the engineering buildings or equipment.

The comptroller reported on the conclusion of the contract with the Greysolon

company for the experiment farm near Duluth.

Voted to correct the minutes of the executive committee meeting of February 14th, 1912 as follows:—

Change the paragraph relative to the appointment of O. C. Babcock to read as follows: O. C. Babcock as assistant in entomology, college of agriculture, for one year beginning April 1st, 1912, at a salary of \$1,400, to be paid out of special appropriation for the investigation of injurious insects."

Insert the following action which was omitted from the minutes: "C. W. Howard, as instructor in entomology, college of agriculture, for one year beginning June 1st, 1912, at a salary of \$1,500 a year, \$1,000 from amount released by Mr. Spooner's resignation, \$500 to be supplied from Mr. Washburn's budget from special funds."

Voted to approve the building of a sidewalk on the west side of Harvard street from University avenue to the N. P. tracks, at an estimated cost of \$300 to be paid from the campus rents fund.

Voted to charge the first installation of electric lamps in the hospital to the hospital support fund.

Voted to adopt the report of the Deans' committee for the establishment of the inventory system and the appointment of an inventory clerk.

Voted to transfer part of the botanic garden to the college of Pharmacy in connection with its medicinal plant garden.

Voted to appoint as a special committee on the recent purchase of equipment for the college of dentistry,—the President of the Board, Regent Sommers, the President and the Comptroller.

After a statement by Dean Shenehon in connection with the retirement of Professor Henry T. Eddy, it was

Voted on the recommendation of the President, that at the end of the current year, Professor Eddy, having reached the age of sixty eight years, should be retired as dean of the graduate school and professor of mathematics in the college of engineering, and be given the rank of professor emeritus. And further it was voted that Professor Eddy be given quarters in the new engineering building, with facilities for carrying on his scientific work.

Voted to transfer from the reserve \$450.00 to employ assistants in the Department of Rhetoric for the second semester.

Various adjustments and rearrangements in the budgets were authorized.

Voted to transfer from budget 565 to budget 568, \$734.00.

DEATH.

F. J. Noer, '04 Pharm of Glenwood, Minn., died at St. Luke's hospital, St. Paul, following an operation. Mr. Noer was president of the Glenwood Improvement League. The burial was at Colfax, Wis.

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Vol. XI.

April 22, 1912.

No. 28

COMING EVENTS.

April 22, President Emeritus Northrop in chapel, 12 m.; Graduate club with Professor and Mrs. Anderson, 8 p. m.

April 23, 12 m., N. C. O'Connor, Labor and trades unions.

April 24, 12 m.—Chapel, H. W. Temple, Public accounting as a career; 4 p. m. Professor O. C. Burkhard, Schiller as the poet of freedom.

April 25, 12 m., Mrs. W. V. Haight upon Mormonism.

April 26, 12 m.—Chapel, Rev. H. C. Swearinger, The ministry as a career.

April 27, 8 p. m., Norwegian oratorical contest in Shevlin Hall.

Banquet of Good Government club—address by Dr. Chas. McCarthy, of Wisconsin, "Legislative reference bureaus.

April 30—6:30 p. m., Engineering alumni banquet in new engineering laboratory building.

May 2d and 3d, Shubert Theatre, "The Pretenders" by the Masquers club.

READ BOTH WITH CARE.

In this issue will be found two papers which deserve special notice—the first is a report of a special committee, showing the result of a vocational census of the students of the academic college, taken a few weeks since. The report is one of the most thorough and complete ever attempted in an American college, and the results, as announced, are both unexpected and encouraging. The report shows, conclusively, that the average academic student is very much in earnest and has very definite ideas in view in attending the University.

The other paper, is the first section of a series by Professor Frank W. Springer. Mention of his investigations into this subject was made in the last issue of the Weekly. The paper speaks for itself and deserves thoughtful reading.

TO CORRECT MISTAKE.

Last week there was an item telling of an address made by President Northrop at Aberdeen, S. D. This item was taken from a clipping from an Aberdeen paper. It appears, however, that the Aberdeen paper was mistaken and the addresses were made by Professor George Norton Northrop of the English department and not by President Northrop.

DR. NITOBE HERE IN MAY.

Dr. Inazo Nitobe, president of the Tokyo higher college, is to be at the University for three weeks in May. The arrangement for this visit was made in co-operation with Yale, Columbia, Johns Hopkins, Illinois and Virginia, and is part of a general plan for an exchange lectureship with a group of Japanese universities. Readers of the Weekly will remember a letter from G. S. Phelps, '97, of Kyoto, Japan, which was published in the Weekly of November 13th, introducing Dr. Nitobe to the University public.

Dr. Nitobe comes from a family distinguished for engineering ability, the development of scientific agriculture and its patriotism, and is himself one of the best exponents of the highest culture of Japan. He is a graduate of the Saporio agricultural college of Japan; later studied in Germany and at Johns Hopkins, and has held several high educational posts in Japan, prior to his election to the presidency of the Tokyo institution.

Dr. Nitobe has rendered the Formosan government notable service as advisor on educational and agricultural affairs. He is the author of "Bushido" The Knightly Way (in English) and speaks English perfectly and is at home with both German and French.

Dr. Nitobe is a man of earnest convictions and fearless in his advocacy of what he believes to be right. He is a Christian and a leader in the Y. M. C. A. movement

1912
JUNE 17

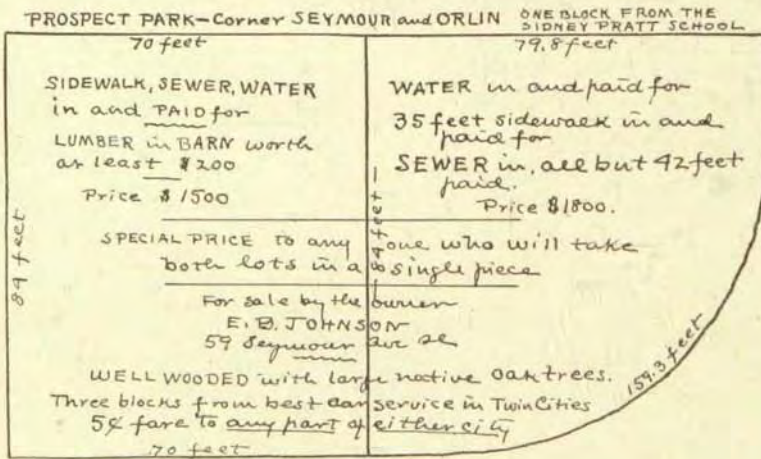
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Vol. XI. April 22, 1912. No. 28.

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A discount of 25 cents is allowed for payment before October 15 of each year.

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Minneapolis.

E. B. JOHNSON, '88 Editor.
EARLE R. HARE, M. D., '00.
Editor of the Special Medical Issues.
HARRY WILK, '12, Advertising Manager.

in Japan. He will bring to the University the real "Yamato Damashii"—spirit of Japan and it is to be hoped that he will meet with a cordial reception and be accorded a thoughtful hearing for his message will surely be worth while.

PORTLAND ALUMNI MEET.

The Minnesota alumni living in Portland, Ore., were tendered a reception by Dr. and Mrs. Henry W. Coe, Saturday evening, April 13th. The reception was informal and a very pleasant occasion. Minnesota college songs were sung and toasts were drunk to President Vincent and President Emeritus Northrop. The annual banquet of the association will be held June 1st. There were present Dr. and Mrs. E. S. Hertz, Dr. and Mrs. J. C. King, Mr. and Mrs. M. E. Reed, Dr. and Mrs. H. G. Par-

ker, Mr. and Mrs. C. E. Overmire, Mr. and Mrs. Charles W. Steele, Mr. and Mrs. Burdett Thayer, Mr. and Mrs. James McKittrick, Mr. and Mrs. C. B. Smith, Dr. and Mrs. A. M. Webster, Mr. and Mrs. J. A. Grant, Misses Adeline C. Dewart, Tillie M. Dewart, Caroline Gleason, Florence Kiehle and Caroline McKittrick and Messrs. Herbert R. Dewart, Harry Felberbaum, Dr. Frederick A. Kiehle, L. W. O'Rourke, Dr. R. W. Hannaman, Dr. T. A. Torrns and Ralph H. Mitchell.

The annual banquet to be held on the evening of June 1 will be the next social event of the society.

ANDERSON FOR GOVERNOR.

Sam G. Anderson, Jr., '81, of Hutchinson, has been mentioned as a democratic possibility for the nomination for governor. Mr. Anderson recently addressed the school officers and teachers of three counties at a meeting held at Norwood. In the course of his address he urged district reorganization to secure improvement in schools.

PROFESSOR SANFORD WILL MAKE ADDRESS.

Professor Maria L. Sanford has been chosen to deliver one of the principal addresses at the biennial convention of the National Federation of Women's clubs which will hold a week's session in San Francisco the latter part of June and the first of July. The honor of being chosen to take part on the program of this convention is very greatly coveted and the selection of Miss Sanford will not only be gratifying to her but to her thousands of friends in the state of Minnesota. Miss Sanford will take part on the program dealing with education. The exact topic of her address is not yet known.

It will be remembered that last winter the Women's clubs of Minneapolis arranged to send Miss Sanford to the convention as their guest. Miss Sanford is president of the Minneapolis Improvement League. At the present time she is visiting her brother in Philadelphia.

On her trip west Miss Sanford will visit in Montana, Washington, California and Idaho. In Boise, Idaho she will visit her niece Mrs. Emily Hough Savidge, '81, and

Following the Advice of Subscribers

We again call attention to the fact that nearly 400 subscribers are behind in their payments for the current year's subscription

Are You One of the 400?

Eventually—Why Not NOW?

will make an address there. She will also lecture at Great Falls, Mont. The alumni of Seattle, Spokane, Portland, San Francisco and Los Angeles are all planning to entertain Miss Sanford when she visits those cities. In Portland she will be the guest of Drs. Fred A. Kiehle, '94, Med. '01, and J. C. E. King, '86. Miss Ada Hillman former secretary of the University Y. W. C. A. now secretary of the Y. W. C. A. of Tacoma, expects to entertain Miss Sanford at Tacoma.

Miss Sanford is enjoying the best of health and is looking forward to the trip with lively anticipations of pleasure.

FOLWELLS TO RETURN SOON.

Miss Folwell, '85 Ex. is the house guest of her aunt, Mrs. Bainbridge Folwell, 713 Delaware Ave., Buffalo, N. Y., for the last two weeks of April. She will rejoin Dr. and Mrs. Folwell at Hotel Donald, Washington, D. C., May 1st. Dr. and Mrs. Folwell will open their residence in Minneapolis during the early part of May.

SCHAPER TALKS OF CITY GOVERNMENT.

Dr. Schaper of the department of economics and political science, spoke in chapel last Monday upon "What is the matter with our cities?" In discussing a remedy for the manifest evils in the present city government, Dr. Schaper outlined the following as the chief needs in the way of reform.

A central supervising agency, employing trained men and having a long term of office; a proper way of keeping the voters informed, such as unprejudiced publications; proper organization of the individual city government; and school courses which will tend to impress civic duty on young people.

PAPERS BY KLAEBER.

Dr. Fr. Klaeber has recently published four papers upon topics related to his specialty of Old English. One paper is printed in Modern Language Notes for November, 1911, upon "Jottings on the Hildebrandslied," a second is a review of a Beowulf by Sedgefield, of the University of Manchester. The other two papers are the II and III in the series of four papers upon "Die Christlichen Elemente im Beowulf," and were published in Anglia.

TWO NEW BULLETINS.

The Minnesota Farmers' library series has been augmented by two bulletins, numbers 22 and 23. Bulletin number 22 is devoted to "Establishing the orchard." This bulletin fills sixteen pages and contains a full discussion of the planting and caring for an orchard. Number 23 is devoted to

"Some common insects and their control." This is compiled from "Insect life" by Professor Washburn and Warren Williamson. This bulletin fills twelve pages and is well illustrated.

REMEMBER THE DATE.

The Pretenders will be given at the Schubert theatre May 2nd and 3rd. The Masquers have been preparing this play for a long time and an unusually creditable production is assured.

FRENCH CLUB GIVES PLAY.

The French club will give a play in Shevlin Hall, Monday night, April 20th. The play to be put on is La Cazoque, by Moliere. Several vaudeville stunts will also be given. Admission 10 cents.

WILL GIVE PHI BETA KAPPA ADDRESS.

Dr. Talcott Williams, head of the school of journalism of Columbia University will give the Phi Beta Kappa address this year May 7th.

TAU BETA PI HOLDS INITIATION.

The eighth initiation and banquet of the Minnesota Alpha chapter of Tau Beta Pi was held at the Dyckman Hotel last week at which the following men were initiated: Harry A. Grow, '03, Harold S. Morton, '13, Charles A. Walker, '13, Olaf Hondrum, '13, Martin A. Mikesch, '13, and Eugene C. Crane, '13.

Professor J. J. Flather presided as toastmaster and the following program of toasts was given.

Professor W. H. Kavanaugh, "Observation"; Professor W. T. Ryan, "Commutation"; Dean F. C. Shenehon, "Demonstration"; W. C. Beckjord, "Construction."

AGRICULTURAL STUDENTS PLAN COUNTY FAIR.

The students of the department of agriculture are planning a County Fair to be given some time early in May. At a meeting held in chapel last Monday President Vincent and several professors and students outlined plans for the event which will begin with a live stock parade headed by a village band. This will be followed by a live stock exhibition and judging contest. "Rubberneck" wagons will make scheduled trips around the grounds and a better farming train will be on exhibition. At the lagoon there will be athletic events such as tub racing, log rolling contests and supper will be served at various places about the campus. Following the "feed" there will be an open air vaudeville with stunts furnished by various organizations of the department. A camp fire will close the festivities.

THE VOCATIONAL CENSUS OF STUDENTS.

A picture of the college student's mind in reference to occupations is presented by the report of the vocational census which was taken recently at the suggestion of President Vincent in the College of Science, Literature and the Arts at the University.

Nine-tenths of the students have chosen their occupations.

Two-thirds of these state that they made their decisions while in high school or before.

Only a quarter of the men aim to follow the vocations of their fathers.

Practically all the men and sixty-one per cent of the women will be obliged to support themselves when they leave the University.

Sixty-four per cent of the men and fifteen per cent of the women are already earning part of their way. In 1911 they earned \$94,000.

Half of the men in the Academic College aim to go into law or medicine for a life work. The colleges for these professions now require two years of academic preparation.

Two-thirds of the women would prefer to teach if they have to support themselves.

This first systematic census of the vocations of college students finds the sober side of college life as reflected in their settled purposes and actual earnings. It gives a different notion of the nature of the college community than that gained from fitting impressions of students' recreation pranks. The report catches the serious-minded work-day consciousness of the campus.

The students in the colleges of Agriculture, Engineering, Law, Medicine and the other professional schools are not included in the census. Groups of 89 students taking the two years pre-medical course, 103 students taking two years preparatory to law, and 60 students in the College of Education are included because their work is mainly in the regular academic classes.

Altogether the census includes a total of 1340 students, 476 of whom are men. The returns were obtained by means of a questionnaire prepared by the committee on statistics and answered by all the students reciting at 9, 10, 11, and 2 o'clock on one day. In this way about 90 per cent of the students actually attending the college were reached and the summaries are based on the most complete data of the kind that have ever been collected here or elsewhere.

Whether conditions at Minnesota are characteristic of other Universities is unknown, but it is to be expected that facts of this kind are much influenced by local conditions. So large a percentage of the

students come from the Twin Cities that this has an important effect.

The summaries are always percentages of those who answer the question. In most cases the students who fail to answer a question are so few that they can be safely disregarded.

Occupations of Parents and Students

There is a surprising unanimity in the replies to the question: "Have you decided about the occupation which you desire to pursue or aim to pursue in case of need?" Only 11 per cent of the 1306 students who answered the question say 'no'. In this respect there seems to be no significant difference between the sexes. It is difficult to escape the conclusion that the students have much more steady purposes in attending the college than has been often surmised.

This is corroborated by the fact that 81 per cent of 1147 students indicate that they chose their occupations before or upon entering the University, 46 per cent while in high school, 21 per cent before that. Apparently only about 17 per cent of the college group have either chosen their vocations or changed their minds since entering the university. If we add to these the students who have not yet decided, we have less than a third of the academic student body for whom the influences within the University may be direct factors in determining their choices of occupation.

It would probably be impossible to find a more cosmopolitan group of people within one community in the state. The parents of the students are engaged in every sort of pursuit from that of the farmer to the financier, the broker to the barber, the mechanic to the missionary, the tailor to the teacher, the postmaster to the printer. It would be very difficult to find a vocation that is not represented. The children of carpenters, blacksmiths, dentists, stenographers, engineers, lawyers, doctors, laborers, plumbers, musicians, druggists, undertakers, book-keepers and editors meet and compete in the college classroom.

Taking the entire academic college, the largest single group of parental occupations represented is naturally that of business, including retail, wholesale, manufacturing, restaurant, contracting, insurance, etc. The parents of 490 students are classified under this group. The parents of 208 more come under the group of finance, including bankers, brokers, real estate dealers, etc. The parents of 190 students have been farmers, or engaged in some agricultural pursuit. Farming thus has the largest representation in the college of any single occupation. Teachers come next, with 104 children in the college. The parents of 97 are engaged in trades (carpen-

ters, masons, machinists, etc.). Lawyers are represented by 76 children; physicians, nurses and hospital employes by 61; engineers by 46. The parents of 58 are engaged in religious work, with few exceptions as ministers; 24 hold government positions; 20 are pharmacists; 15 others are to be classed as former soldiers; 12 are engaged in the business side of publishing and 8 on the editorial side. The others are scattered among various occupations, none of which are represented by a dozen.

Do the young men in this college follow in the footsteps of their fathers? Decidedly not. Information is available for 95 per cent of all the men who were included in the census and it shows that only 23 per cent intend to follow the occupations of their fathers. The tendency is notably less on the part of those who come from the farm. Only 13 per cent of these intend to go into any form of agriculture.

The Students' Occupational Preferences.

The change in the type of male student in the academic college which has been brought about by the increasing demand of the professional schools for college work as preparation, is well indicated by the fact that approximately one-half of the first preferences of the academic men is for law or medicine, 28 per cent for law and 20 per cent for medicine. The next largest group of occupations preferred is business, 71 out of the 455 who indicated their preference choosing something classified as business by the questionnaire. In the related group of finance there were 34 first choices. The questions as to occupational preferences aimed to call the attention of the students to a long list of occupations arranged in groups. In this way a fairly representative expression of choice seems to have been obtained.

Other occupations frequently named by the men as their first preferences were teaching 40, journalism 20, religious work 20, agriculture 17, engineering 10. Twenty others scattered their choices among various occupations, including applied art chemistry, dentistry, music, government, social service, transportation, etc., not more than seven in any group.

Among the women students, the first preference of occupation is overwhelmingly teaching. It is represented by 494 choices among the academic women in addition to 43 registered in the College of Education. Social service, including work in associated charities, probation office and settlements, comes next, preferred by 47. Employment in music by 38, some form of art including dramatic expression by 36, library work 28, business 24, the editorial side of publishing 16, religious service 16, medicine 13 (10 as nurses), domestic management and housekeeping as a vocation

10, chemistry 8, and the others scattered with five or less in any group.

Students' Incomes

The study of the financial support of the academic college students reveals how closely the University is interwoven with the work-a-day life of the state. Less than 1 per cent of the college men can depend upon their inheritance for complete support after they leave the University. Even among the women, 61 per cent will be obliged to support themselves at least in part when they finish their college work. These facts distinguish the students at Minnesota when compared with those in some of the colleges of the East, in respect to the necessity for taking a more sober attitude toward their college work and the advantage of being in close touch with the common people.

The actual earnings of Minnesota students may surprise those who class the college men with idlers. 64 per cent of the 476 men are earning part or all of their way through college. Considering their much more limited opportunities, it is remarkable to find 15 per cent of 813 women also are earning part of their college expenses. These data represent 96 per cent of the students included in the census and are probably the most extensive that have ever been gathered on this point.

Students who come from the farm are more likely than the others to be earning part of their way through college. The percentages run 78 for the men and 33 for the women. There is no significant difference among the different sized towns.

During the year 1911 the men who are earning part of their way earned on the average \$306, the women averaged \$191. Forty-three per cent of the men who reported earned more than \$300, five of them earned over \$1000. Thirty-four per cent of the women earned over \$200. Among the students who said they were earning part of their expenses 49 did not state the amounts earned in 1911. Taken all together 342 students who reported earned a total of about \$94,000 in 1911. Omitting those who earned board or room the number of men and women earning various amounts is indicated in the accompanying table.

	Men	Women
0-\$100	49	31
\$101-200	92	21
\$201-300	37	13
\$301-400	33	1
\$401-500	19	3
\$501-1000	23	9
over \$1000	5	0

A glance at the employments followed by the students in earning this money shows that among the men the large group of occupations classified as business na-

turally furnished the most employment, 102 earning something in this group of occupations. Employment as canvasser, salesman or clerk, is most often available. The next largest source of employment is agriculture, which 31 mentioned. The publishing business afforded on the editorial side partial income for seven; on the business side 26 were furnished employment, mainly as newspaper carriers. During 1911 teaching helped 23 men and 46 women to earn part of their expenses. Nine students were employed as bookkeepers; fifteen served as pharmacists; sixteen of the women earned part of their way by some house-keeping employment; seventeen of the men earned their money from some of the trades, and fifteen were employed in the offices of railroad or other transportation companies. The other sources of income were so scattered that a summary is of little value.

About 95 per cent of the students say that they think their courses of study have been chosen to fit their aims. About half the students in the first two years of college think that their training has been sufficient to enable them to see their occupation in its broader relationships. This increases to four fifths of the senior students. No sex difference was shown.

Only 10 per cent of the women and 31 per cent of the men are expecting to leave college before they graduate, if we exclude the pre-professional students.

The above results of the census omit the answers to a few questions, the replies to which were inadequate or less important.

J. B. Miner, for the Committee on Statistics.

PHASES OF LIFE AND EDUCATION.

in
America, France and Germany
and
the Spherical-Want System of Teaching,
by

Professor F. W. Springer, Eng. '93.

Part I.

It is the purpose of these articles to first indicate the trend of vocational training and pursuits, and second, to demonstrate the feasibility and desirability of the **Spherical-want system of teaching**. This system is based more upon the vocational methods of teaching rather than upon what is commonly thought of as cultural training.

Various phases of life and education here and abroad will be taken up and a detailed description of the proposed system given.

The writer began this work about six years ago with the intention of finding, or at least in trying to find, the **keynote** of electrical engineering education. New discoveries and their theories and applica-

tions were coming so fast that it was becoming impossible to keep stacking them on top of the college courses much longer in order to keep up with the development of the science of electrical engineering.

A college subject in electrical engineering, or any other branch of college work cannot be indefinitely lengthened to care for new things to be taught, because the natural marriage period cannot be too much encroached upon without disaster.

It seemed then that something, some subjects, or better, some parts of many college subjects would have to be pushed down into the high schools and grades as soon as these lines of work came into the spheres of common knowledge, use and observation of the public in general and of the young people in particular.

Further, a study of the subject showed that what could be done in college depended very largely upon the ideals, ideas, habits, kind of subjects studied, traditions etc., which resulted from the high school and grade school courses, as well as those characteristics influenced by environment.

The two limits thus imposed upon the college teacher are first, the preparation of the student up to eighteen years of age and second, the demands of life after twenty-two years of age.

If the above limits are considered together with heredity, it is seen that college is surely not the largest factor in preparing boys and girls for their life work.

A little more study of the problem and the writer concluded that the problem of engineering education or how to train engineers was a problem of life or how to live.

In fact, it seemed that the whole subject could be tucked under the little title of "heredity and habits."

A large part of last year, spent abroad, was devoted to the search for the key to the situation. The result is the spherical-want system of teaching, which is offered merely as the writer's opinion to date. The name was selected because it is significant of the method.

This system proposes to treat real knowledge, beginning at infancy, as an **enlarging sphere** made up of habits of thought and action, or of knowledge.

Further, it is assumed that the wants, needs and desires, of the individual are the prime motives or incentives to those mental and physical activities which result in repeated thoughts, thought associations and actions and hence **habits**. Hence the name spherical-want system.

We must distinguish between spheres of ideas and spheres of knowledge. An idea is the first step towards knowledge, and must be applied, often many times, to become knowledge or skill.

We may think of our "spheres" as hav-

ing varied shapes, size and to be of different qualities or of different materials. A specialist might have a sphere of knowledge shaped like a turnip with a sharp point on one side.

Our present school system has admitted many faults. It is proposed to classify some of these faults by saying that a large part of the time and effort of our schools and students is spent in building **spheres of ideas** instead of knowledge and thus in forming bad habits instead of good ones.

Further, these spheres of school ideas are quite generally carried beyond or away from the spheres of observation and especially away from the spheres of activity or application of the young. The present school system bases much on the future application of ideas without clinching the ideas as good habits in the present.

The problem of education seems to be, how to direct and stimulate proper wants in the individual student and how to arrange the conditions or his environment that the student may satisfy proper wants by his own will, efforts and activities.

We may define education as the directing of the forces of nature in and about the individual in order to habituate him in exercising his will and mental and physical strength in the interest of his race and in his own interest.

Engineering education is the process of specially training the individual to act in co-operation with others in order to efficiently apply the sources of power in nature for the comfort, convenience and welfare of man.

A good education should develop the ability to satisfy all of nature's demands and those artificial tastes of civilization which are justified by the common welfare of the race, without taking privileges from others.

Or, an education should be a training which will (1) stimulate the student to think, think straight, and think about useful things, (2) enable a student to acquire a working knowledge of fundamental principles, (3) assist him to select that field of work in which he can be most useful, (4) give him the maximum capacity of which he is capable of doing and enjoying useful things.

When one considers what a small part of the mature life that is free for pure pleasure it becomes evident that it is highly important that the individual should enjoy his work and responsibilities.

It is hoped that the reader has already decided that there is not much new about this proposed system except perhaps the name and the combination, because there could be no hope for a fundamentally new system of teaching. This one may be revolutionary so far as our schools are concerned, but it is not new from a mature standpoint. This system is in application

in babyhood and in mature life, and it is the only system of teaching used by the lower animals in bringing up their young.

The whole thing resolves itself into the proposition to adapt nature's methods to the education of the modern boy and girl.

It is believed that a straight academic argument would be of little use in presenting such a subject so it has seemed best to outline some of the phases of life and of education in order that conclusions may be drawn by inference.

A nation gets out of its schools just about what it puts in. Badly bred children, under poorly trained, mediocre teachers working in an indifferently good system influenced by selfish individualism, returns to the expectant nation national disintegration.

Human nature is much the same the world over, and at all times, but racial efficiency, or civilization, and natural opportunity differ widely.

If we take account of stock of ourselves as a race and a nation on the above basis, we shall discover that after all, things are not so very bad—at present. Perhaps a large part of our good fortune is, however, due to our great natural resources and not so much to efficient training.

Our sole worry then is the responsibility for the second or third generation to come. History points surely to the conclusion that certain tendencies now very well marked will lead to trouble in the future unless diverted.

The success of any one generation depends very much upon the education given it by the older generation so that it is our duty to continually look for faults in our schools and to correct them as well as to continually make those changes necessitated by modern progress.

Just as supply usually follows demand, so also do improvements in our school system naturally lag a little behind the modern requirements. The increasing severity of the complaints of the public seem, however, to show that perhaps our school system is much too far behind.

The criticisms include not only engineering courses and other vocational lines, but are directed at the whole system of schools. The chief notes in this public complaint seem to be—

1. Lack of **individual efficiency** in that students are not really prepared for their life work.

2. Lack of citizenship training with too selfish interests and too little interest in the common welfare, which results in poor **national efficiency**—a waste of money and effort.

The critics are asking for vocational courses in academic lines, and for similar courses in the High Schools. Also there

is pressure which sooner or later will result in some changes throughout the school system.

The school problem has been attacked by many faddists who after shoving a pet line of work into the curriculum, and thus adding one more confusion, have contentedly let the poor teachers struggle as best they may with the additional problem, till another faddist comes along and adds another complication, continually adding something but taking nothing out. We have now a complicated school curriculum which as a mind stuffer is a great success. The present machine is designed and operated in such a way as to fill the pupils' minds with ideas.

Generally what the pupil or student desires, or what he should desire as a growing animal and human being, is forgotten. Yet the pupil's wants are almost his sole incentive to form habits or to acquire knowledge, except perhaps if he have the choice, for example, between writing a composition on Spring, or taking punishment.

Of the two educational extremes it would seem that our present school system approaches the cramming type, in which students are treated like cans in a canning factory, or, like the stall-fed goose system, leading to a "pâté de foie gras" degree. The second is the great school of experience.

The former system produces fat heads, or at the best, human phonographs filled with ideas which might be valuable to someone sometime if he knew how to use them.

The second system has produced some of the greatest men in history. Lincoln is an example. But, this system is altogether too expensive for general application. There is such a small percentage of a population that would succeed if thrown absolutely upon its own initiative when young. The successful would be so few that the burden of the unsuccessful would crush them.

Everything is so crowded and rushed that students do not have time to digest or even chew. They simply bolt a comprehensive menu of prepared facts, or ideas, as the only condition under which they may remain with their class.

Their wants, so far as knowledge obtained in school is concerned, is on the average limited to "pass," in order that they may remain with their class as a social unit. They do not in general expect information in school that they want to use now.

It seems that we think more about our curriculum than we do of the students. A subject or course, once introduced into a school system, becomes holy and is not to be removed. The result is that in many

school years, boys are carrying six to ten subjects. This is very confusing and develops a lot of skimmers instead of real students. Three subjects, counting class and laboratory as one, should be enough at one time. If it were necessary to carry a lot of totally separate subjects, they should be taught in series and not in parallel.

Certain subjects are listed as requirements for some other subjects, but in general investigation would show that a very small part of any subject is really necessary to the study of some other in the following year.

Subjects now taught which are elaborations of certain non-fundamental phases of life, a knowledge of which is not likely to be needed by many of the students, should be reserved for the last layer of the enlarging educational sphere. In the same way, purely theoretical subjects, such as certain phases of mathematics, should be left for the last years in college.

A certain teacher of mathematics said that he wasn't interested in the application of mathematics, that it was a subject by itself. It is generally supposed that mathematics, mechanics, and the like are stenographic descriptions of physical relations, the mathematical symbols being used for convenience in manipulation. The object of mathematical juggling is to make these subjects simpler and more useful.

It is said that at a certain school in Minneapolis, a class was given twelve problems in algebra. Each of the members took one problem home, by agreement, and asked a parent to help him work one of his algebra problems. The others did the same. The class came together a few minutes before the recitation and exchanged the fruits of their labors on the basis that a fair exchange is no robbery. All of the members of the class had all the problems worked out correctly, and all received full credit, and no one had really earned the credit for a single problem.

The trouble with this is that it is altogether too much like some of our American business methods. If each pupil had been required to work out one problem and clinch the idea by applying it in his own sphere of activity, he might not have learned as much about co-operation, but he would have learned vastly more about algebra and its uses.

A part of some subjects, such as mathematics, mechanics, etc., should perhaps be dropped out to advantage and a smaller part studied more thoroughly, applying each theory within the sphere of activity of the student immediately after studying it in class.

Developing the theoretical, future, cultural, artistic and other artificial wants and appetites, and not training the young to

apply information in order to satisfy these desires without becoming parasites, is evidently a mistake. A vocation is a necessity, "culture" only desirable.

Many of our national faults find their counterpart in school life. Perhaps the railroad disasters, bursting dams, steamboat disasters, loss of life in fires, are reflected in school life by the guess work system of skimming a subject with the sole object of passing it, without a sure and convincing application and with no desire or need to make an application.

The willingness to trust to luck in preparing for recitations for which there is little personal incentive or a desire for the knowledge, the large amount of matter to be "learned," all develop a tendency to slide over or evade the exacting details required by accuracy in application.

The students are promised personal success if they are good students and "learn" and "learn" the things submitted to them, and which they are expected to accept on the judgment of their instructors as being very useful in the future.

The selfishness and individuality of the student is appealed to almost wholly to absorb ideas while he is given little time and opportunity to apply these ideas and thereby obtain real knowledge. It is true that students are occasionally exhorted to be good citizens, but they are not shown how to be by organizing them into citizenship communities.

It was reported that in a city not a thousand miles from Philadelphia that there are over 100,000 legal voters who regularly shirk the duty of voting in elections. They are the educated and "best citizens."

Business men, in general, for example, will look up every reference in hiring a janitor or clerk or stenographer, let alone a manager, yet they may give a few minutes a year unless specially interested in looking up a candidate for alderman, or governor. This is because they, as boys and men, were not trained to select leaders. It is simply a matter of habits, which they have never formed, of selecting leaders.

There are some characteristics noticeable in America which we may combine and say are due to a lack of home and school discipline. Perhaps these faults are due to the tendency of parents to leave discipline to the schools, while in the schools there is nothing that approaches real military discipline.

The qualities referred to are lack of respect, and individualism, combined with selfishness which results in indifference towards community interests. We might call all of this thoughtlessness of others in general.

There are some things in the account

of the death of Mr. Ely, the aviator, last October, that seems to be connected with the above faults.

"A gruesome feature of the death of Aviator Ely here this afternoon was the fight of the spectators to procure souvenirs of the tragedy.

"In a few minutes the littered field was cleared of every bit of wreckage. Ely's collar, tie, gloves and cap similarly disappeared, the collar being taken from the body."

Selfishness up to the point of obtaining the necessities of life, is a very commendable quality and a necessary element in the survival of the race. But, when certain rich men, magnates and soulless corporations have demonstrated that in order to multiply millions for the purpose of increasing their power, they are willing to avoid and break the laws of the State, bribe legislators, with absolute indifference to the needs or rights of the many and the common welfare, we must see to it that the young learn to co-operate by co-operating while children in the interests of the many and against the few.

It is difficult to teach an old dog new trick. Our hope lies in instilling a sense of state in the young while yet in school, that they may later co-operate to provide the social, political and commercial corrections needed at present. If reform is not made by this method, it will of course be made as a result of the popular education following some sort of a revolution.

When the people begin to separate into class camps, one enjoying special privileges by virtue of influence upon law makers, and the other resorting to dynamite to enforce its claims, the time has arrived, not only to think, but to act.

Dr. Georg Kerschensteiner, Director of Schools in Munich, Germany, has been called the father of the vocational school system in Germany. He has written a number of excellent books on the subject of Manual training, Citizenship and the like. Dr. Kerschensteiner gave an address under the auspices of the "National society for the promotion of industrial education," in 1910, on the subject of the "Continuation-schools of Munich."

This address was published in the "Bulletin of the American institute of mining engineers in the issue of Jan. 1911, and gives evidence of the breadth of view of this most successful educator. Dr. Kerschensteiner, in his book entitled, "Der Begriff der Staatsbürgerlichen Erziehung," quotes from the report of the "National educational association of the United States":

(N. E. A.) "The common schools of our country, (United States), must recognize more fully than ever the necessity of training our youth for citizenship."

"Polly is Learning to Play the Piano"

A dimpled smiling, little old woman came into the Metropolitan Music Company's piano rooms and confided this news.

(Polly is her granddaughter)

We are glad to learn that Polly is learning, for less than three months ago she had been in to tell us what a horrid time she was having "chopping away at Chopin," as she put it. "Somehow I cannot become interested," she pouted.

(Polly, too, has dimples)

Grandma went on to tell us what was happening. "One of Polly's girl friends in our neighborhood received as a birthday gift one of the Malcolm player-pianos," she said. "It renders music most exquisitely. Old as I am, I have tried it—and I just cannot tell you the thrills I enjoyed when I found that everything was subservient to my will, that I could put my own personal expression into 'Annie Laurie,' for example—play it with all the dear old pauses and sobby things we folks at home used to put in—when we were all together, before—"

"But I am forgetting to tell you about Polly. She fell right in love with the Malcolm player-piano. Was over to her friend's house half the time, playing away. So we hit upon the idea of providing her Malcolm music rolls for the pieces she had been trying to play on her own piano. She worked them all out on her friend's Malcolm player-piano, and then she started in, at home, to play them herself, by hand—not quite as the teacher had directed, perhaps, but with her own notions of expression such as she had picked up from playing the Malcolm player-piano.

"Well, she is at it half the time, now, either at her home or at her friend's. And, dear me! I almost forget to tell you why I came in today. Polly sent me. She wants to know what it will cost to get a Malcolm player-piano we to turn in the piano as part payment. You see, she will still have a piano, as the Malcolm player-piano may be played either by hand or with the rolls. I am sure the player feature will help her to become a real performer by hand.

"We are just a little bit afraid," she added in an undertone, "that Polly will bother our neighbors by spending so much time there, practicing how to play by hand, as she puts it."

Arrangements were made in a few minutes.

Instead of merely a piano, Polly now has a Malcolm piano and a Malcolm player-piano, the two being combined in one instrument.

And maybe Polly isn't learning to play!

The price of the Malcolm Player-pianos is 395 Dollars—the terms are 9 dollars the first payment—and 2 dollars a week without interest added. These Player-pianos have never been sold for less than \$550, with terms of \$25 down and \$15 a month, with interest added at the rate of 5 per cent.

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Dr. Kerschensteiner then expressed the following opinion:

"Je eingehender ich die amerikanischen Schulverhältnisse studiere, desto mehr schwindet meine Furcht vor ihnen, solange ich die Hoffnung haben kann, dasz wir diese Frage besser und eher lösen als andere Staaten."

If we do not want the definition, which seems to apply to many American politicians to hold true—that, "A politician is a conceited ass ridden by those who know exactly where they want to go"—we must see to it that pupils and students practice elections and selecting their leaders while in school, on a basis of **honesty, ability and special fitness.**

The young must form the habits and form them early.

In case of a republic, it is a difficult thing to start improvements because the opinions of large masses of people must be brought to agreement before any action. Without public spirit reforms in a republic even in the school system are very difficult.

The Chicago theater fire in which 600 women and children were burned, only almost made the voters of Chicago realize their responsibility. The Slocum disaster aroused some expression of opinion but it did not result in any steady forceful action on the part of voters.

The account of the buying of a senator's seat is merely interesting reading.

When one thinks of the mass of people which must be moved to start a reformation, and when one considers the number of children as pupils and students in schools in America, and bears in mind the relation of education to life as a whole, the problem of education becomes of staggering importance.

The population of the State of Minnesota is 2,076,000. There are 194,000 graded pupils in the public schools, and 30,000 high school students. The population of the city of Minneapolis is 301,708. There are 45,806 grade pupils in the public schools, not including the private school pupils, and there are 6,073 high school students.

The population of the United States is 101,183,000. The total number of pupils in high schools, grade schools and private schools is 19,700,000, of which 938,000 are high schools pupils, 16,750,000 are grade pupils and 2,000,000 are in private schools. About one-fifth of our population is in the school system.

Most of the faults in our educational system seem to be due either to the inability to keep up with those advances made in general science, partly in turn due to the educational system, or the faults are due possibly more to the fact that our educational system reflects our national life with its faults of exaggerated individualism, a form of selfishness, lack of sense of State, carelessness, lack of discipline, restless, reckless determination to become rich and happy somehow. Education may correct these faults, but it is not the whole cause of them.

Our people seem to need a great adversity or disaster to make them all think about the same thing at the same time, to induce them to take a common line of action. As long as living comes easy and it is a question of getting rich and not one of starvation, people will not trouble about general questions.

While the faults of American life and schools noted above, and others, are of great importance and should be remedied no correction should be made in the school system which does not take into account the probable future development of science and the trend of civilization.

The next section, II, will take up "Modern trend in science and education" and "Money-life curves."

ENGINEERS TAKE NOTICE.

The annual joint banquet of the alumni and faculty of the college of engineering and the school of mines is to be held Tuesday, April 30th at 6:30 p. m. in the new experimental engineering building. Post card announcements will be mailed to alumni living in the Twin Cities. Alumni

living outside the cities are requested to mail their reservations for plates to Mr. C. H. Chalmers, 523 7th St. S. E. This occasion will afford the alumni an excellent opportunity for inspection of the new experimental laboratory. Every alumnus should be present.

INTEGRAL CLUB APRIL 29th.

The Integral Club, the recently organized alumni engineers club, will give their first dancing party Monday evening, April 29th, at the old Roosevelt Club Rooms, 703 Hennepin Ave. at 8:00 o'clock.

An invitation has been extended to members of the Gyroscope Club of the University to attend.

ONLY SIX ELIGIBLE.

Last Wednesday the eligibility committee of the faculty passed on the thirty-five candidates for the base ball team. There are only six eligible men out of the thirty-five candidates. They were Gilbert, Lambert, McNally, Doermann, Raymond, and Shapere.

WILL PLAN FROM INTERAMURAL BASEBALL.

The decision of the eligibility committee which destroyed all hopes for a University baseball team, has given an impetus to intramural games in the same sport. Plans are being made to arrange inter-class and inter-college games and a lively competition is likely to result.

FORESTRY STUDENTS TO CAMP.

Fifteen students in forestry left last week for their camp at Itasca Park. These students will be in camp for the summer and will gain practical knowledge by actual work in the field.

WEDDINGS AND ENGAGEMENTS.

The engagement of Archie E. Brimmer, '07, of this city, and Miss Louise A. Miller, has been announced.

The engagement of Helen Riheldaffer, '09, and Carl E. Austin, of this city, has been announced. The wedding will take place early in June.

Willis R. Salisbury, '10, and Miss Eleanor Warner of Hunter's Park, Duluth, were married April 2nd.

The engagement of Dr. Paul Hagen, Dent. '11, of Crookston, Minn., and Miss Inez Leona Stickney, of this city, has been announced. The wedding will take place in June.

BIRTH.

Born to Mr. and Mrs. Glenn H. Hoppin, Eng '08, a daughter, Helen Louise, November 7th. Mr. Hoppin is still with the Washington Water Power Co., in the city distribution work of the light and power system.

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PERSONALS.

'79—George B. Thompson, son of Professor E. J. Thompson a member of one of the early University faculties, visited the University last week. Mr. Thompson, who is engaged in the flour business in Medford, Mass., had not been on the campus for a great many years. There is not a single building on the campus at the present time that was standing when Mr. Thompson graduated.

'97—C. J. Zintheo of Seattle, is salesman for the Crest Chemical Co., manufacturers and jobbers of specialties in fir stump products.

'98 Eng—Chas. C. Gilcrest formerly of New York is now with the Western Electric Co., Ltd., of North Woolwich, London.

'99 Med—Dr. O. T. Batcheller of Brainerd, Minn., has recently gone to New York City to attend post graduate courses at the Post Graduate school.

'99 Law—J. M. Harrison has recently changed his address from the New York Life Bldg., to the Minnesota Loan and Trust Bldg., Minneapolis.

'00—Elizabeth Donaldson is now living at Chambersburg, Pa. Her address is care of Wilson College.

'07—Adele Walker is teaching science and mathematics at Pine City, Minn.

'08 Eng—George T. Peterson has recently changed his address from San Bernardino to Needles, Calif.

'08—Irma Smith is teaching in the high school at Hibbing, Minn.

'08—Margaret Walker has charge of Latin and history in the high school at Pine City, Minn.

'08 Eng.—Mr. John Wilson has been appointed City Engineer of Duluth. Several other University of Minnesota Engineering graduates will be appointed as assistants.

'08 Ag—Edwin Mayland is one of the field experts employed in the better farming association of North Dakota. Mr. Mayland's headquarters are at Valley City,

N. D. He was formerly located at Kokato, Minn.

'09 Ed—Mira M. Southworth is teaching in the high school at Pine City, Minn.

Willis R. Salisbury, '10, and Miss Eleanor Warner will be married Tuesday evening, April 2nd at Hunter's Park, Duluth.

'01, Med. '04—Dr. W. S. Frost of Spokane, visited the University last week. Dr. Frost has been in the east for about a month doing some graduate in medicine and is on his way back to Spokane. He was very much delighted with the advancement in the equipment of the medical department as he found it at the University.

'01—E. J. Vikner and Mrs. Vikner will spend the summer in Europe. Dr. Vikner has been appointed professor of Scandinavian in the University of Washington.

'03—Ruth West was painfully but not seriously burned last week while engaged in burning some papers in a bonfire in the back yard.

'04 Med—Dr. J. T. Dunn has recently removed from Wykoff to Albert Lea, Minn., and has gone into partnership with Dr. W. L. Palmer. Dr. Dunn sold his practice at Wykoff to Dr. J. D. Walker, Med. '09. The people of Albert Lea have recently completed a new hospital by popular subscription. The hospital has been occupied since February 15th. It is a fine strictly fireproof building, three stories and basement, with forty-five beds. A nurses' training school is to be started at once.

'06 Med—Dr. H. E. Canfield who has been located at Hatton, N. D., is now in Minneapolis and is association with Drs. Todd and Macnie with offices at 506 Donaldson Bldg.

'06, '09, Med—Dr. George Earl and Mrs. Earl left St. Paul last Wednesday for an eight-months trip in Europe. Dr. and Mrs. Earl sailed on the Olympic from New York last Saturday.

'07—Mr. and Mrs. Fred B. Balano (Dora H. Moulton) have recently returned from a three hundred day honeymoon trip. Immediately after their wedding nearly a year ago, Mr. and Mrs. Balano started on a trip

Alumni Professional Directory

This directory is published for the purpose of affording a convenient guide to Minnesota Alumni of the various professions, who may wish to secure reliable correspondents of the *same profession* to transact business at a distance, or of a special professional character. It is distinctly an *intra-professional* directory. Alumni of all professions, who, by reason of specialty or location are in a position to be of service to Alumni of the the same profession, are invited to place their cards in the directory.

Professional cards in this directory are classified alphabetically by states, alphabetically by cities within the states, and the names of alumni (or firms) in each city are likewise alphabetically arranged. The price of cards is six dollars a year. This includes a free subscription to the weekly

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PHYSICIANS

DR. MERRITT M. RING, '97.

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which has just ended. Mr. Balano is captain of the four-masted schooner, R. W. Hopkins. During the year this ship has sailed more than 14,000 miles and has visited many parts of the world.

'07, Law '09—Earl W. Huntley is a member of the firm of Huntley & MacClatchie, dealers in Oregon fruit and farm lands of Medford, Ore. In a recent letter Mr. Huntley says,

"Our University Club is one of the most cosmopolitan little clubs on the coast. With a membership of 100 to 110 members forty seven different colleges are represented, seven of which are foreign. Minnesota stands third in representation, her

membership being exceeded only by Harvard and Yale."

'07 Mines, '09 Eng—Karl P. Swensen is now employed as engineer in the firm of F. W. Horne, dealer in American machinery at 70 C Main St., Yokohama.

'08 Law—Cassius E. Gates has associated himself with George D. Emery under the firm name of Gates & Emery for the practice of law at suite 422-425 Central Bldg., Seattle, Wash. The firm will specialize in corporation law.

E '08—Stella Lumley who is teaching English and mathematics in the high school at Grand Forks, N. D., has signed a contract for another year for the same position. Her address is 204 Walnut St. Miss Lumley is enjoying her work at Grand Forks very much.

'08 Hom—Dr. A. D. Sinclair who is located at Toronto, Canada, says in a recent letter, I have followed the discussion in regard to Athletics with interest, but have no suggestions to make. Last fall I had a good opportunity to watch the Canadian style of foot-ball, and never missed a chance of seeing a game. It is much more fascinating to watch than the American game, but it appeared to an onlooker that they were not so exact in the execution of the plays, and that a good deal of the play was developed after the ball was put into play, and not all worked out before the game. It does not have the precision or science of the Am. game, but from the spectators' view point, has it beat a mile.

'09 Eng—Frank F. Esser has recently removed from Chicago, Ill., to Perry, Ia. He is with the Chicago, Milwaukee and St. Paul railway.

'09 Ag—A. E. Mayland has recently removed from Cokato, Minn., to Valley City, N. D.

'09 Ag—Alden A. Potter of the U. S. department of agriculture, will have his headquarters at the Minnesota Experiment station until August. He is to co-operate with Professor Freeman for the study of plant diseases.

'09—Mary O. Shonts was married to Dr. A. C. Agern, a graduate of the Northwestern dental school, November 2nd, 1911. Dr. and Mrs. Agern are making their home at Herman, Minn.

'10 Med—Dr. Chas. C. Allen who was formerly located at Pipestone, Minn., has recently removed to Austin.

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E. B. JOHNSON, '88 Editor.
EARLE R. HARE, M. D., '00.
Editor of the Special Medical Issues.
HARRY WILK, '12, Advertising Manager.

COMING EVENTS.

Monday, April 29th, Professor Hardin Craig, in chapel, The South and the Nation.

Tuesday, April 30th, Engineering alumni banquet at the new mechanical laboratory building.

Wednesday, May 1st, 4 P. M., Address by Professor Hans Juergensen, Romanticism in German literature.

4 P. M., Annual meeting of Sigma Xi, 404 Folwell hall.

Thursday, May 2nd, 8 P. M. Shubert theatre, The Pretenders.

Friday, May 3d. 11 A. M. College of pharmacy address by Winthrop G. Noyes, The sources and channels through which drugs reach the consumer.

12 M. Chapel, All-University sing.

8 P. M., Shubert theatre, The Pretenders.

Saturday, May 4th, Song recital and lecture on Scandinavian songs by Professor Svenbjorn Svenbjornson, in chapel at 8 P. M., under the auspices of the Scandinavian society.

2 P. M. All-University track meet, Northrop field.

May 7th. Dr. Talcott Williams of Columbia, Phi Beta Kappa address.

May 8th, Dr. Christian L. Lang, secretary of the Inter-parliamentary Union, formerly secretary of the Nobel Institute, will speak to the students at chapel and at 8 P. M. will give public address in chapel upon "Hague conferences, past and present."

4 P. M. Professor Ford will lecture upon Daniel Webster, exponent of nationality.

May 9th, All-senior spread and dance at the department of agriculture.

May 15th, Final inter-society debate—Athenians vs Forums.

May 16th, University Menorah society will give The Children of the Ghetto at the Shubert theatre.

May 17th, Henry W. Crees, secretary of the International Students Exchange Bureau of the United Kingdom, will speak in chapel upon the International exchange of students.

Dr. Nitobe coming soon—watch daily press for definite dates.

COMMENCEMENT WEEK PLANS.

We print below a program of commencement week.

May 28th and 29th. Senior class play, The girl from away, at the Shubert.

June 7th, Senior promenade at the Leamington.

June 9th, Baccalaureate service at the University Armory, speaker to be announced.

June 11th, Senior class day.

June 12th, Alumni day—definite program to be announced—arrangements in hands of a committee headed by E. B. Pierce, '04, registrar.

June 13, Commencement day—Address by Albert Shaw, of the Review of Reviews,

Have you planned for the reunion of your class, you men and women of 1907, 1902, 1897, 1892, 1887, 1882, 1877?

This is the year when you should be celebrating the 5th, 10th, 15th, 20th, 25th, 30th, or 35th anniversary of your graduation.

Mr. Kunze, of the class of 1897, and a committee of that class are planning for a reunion.

Alumni day is Wednesday, June 12th. The plans for the day are in the hands of a committee headed by the Registrar, E. B. Pierce, which assures a successful affair. The committee will plan to make the day so well worth while that all who attend will be glad to come back another year. The noon picnic will not be held but will be postponed until six o'clock, so that a larger number may be able to attend.

What would you think of a ball game between the faculty and seniors at three o'clock, followed by various athletic stunts on Northrop field; the picnic dinner at 5:30 or 6 followed by class reunions, vaudeville in chapel, or a "song fest" on the campus; the various buildings being kept open for inspection of the alumni and for the use of classes desiring to hold reunions in any of the rooms?

It is to be hoped that the college associations will not fix their banquets for the evening of Alumni day—keep that day for the University alumni and class reunions and hold the college banquets and meetings on some other day.

Anyone who has an idea for the day is urged to communicate with the secretary or Mr. Pierce.

THE ALUMNI CLASS ORGANIZATION.

There is one decided weakness in the alumni organization of this University—that is, the class organization. This natural unit has been greatly neglected. Not more than ten per cent of the classes have anything like an effective organization. The possibilities of class organizations for the mutual pleasure and benefit of its members can hardly be overestimated and it is the purpose of this statement to call attention to the desirability of pushing such organizations.

I.—The permanent secretary.

One of the first requirements for an effective class organization is a permanent officer who shall be responsible to the class for keeping its members in touch with each other. In every class there is to be found some one who will gladly undertake this task for the sake of doing something worth while. The first task in effecting the class organization, is then, to find the

member who can and will give time to the work of keeping up the class organization and spirit.

Such an officer would be the natural one to look after news items concerning members of the class and to send them to the Weekly for publication. The Weekly is the natural means of communication between the alumni and should be more generally used than it is by the classes. At least half of the alumni see the Weekly regularly and keep in touch with the University through the news contained in it.

II. The class directory.

The class of 1901 has in preparation a directory that is almost ideal. Under the leadership of Sidney D. Adams, the class has undertaken to compile and publish a directory including the names, address and occupations, not only of all members of the class who graduated but of all who were ever members of the class. In connection with the preparation of this directory Mr. Adams is collecting a great deal of material that will be of interest to members of the class and that will be really valuable as a basis of study of college men and women and their success in life. Eventually, it is to be hoped, such material will be compiled concerning all classes and will be kept on file in the office of the General Alumni Association, the natural center for the keeping of such material.

III. The class reunion.

Class reunions are events in the lives of the men and women who are members of classes that never let a year go by without getting together. There are several classes that have never missed a reunion date in all the years since graduation, notable among these classes are 1892 and the law class of 1904. Members of these classes look forward to these occasions for months and remember them with a sense of satisfaction for months afterward. There are no classes among all that have graduated who could not have similar organizations and reunions if they would. Certainly the members of these classes find it well worth while.

We Invite You.

The Weekly invites information concerning class organizations and plans for

class reunions and reports of such reunions after they have been held. We should like to be able to publish a special number each year devoted entirely to such reunions—we will do it if you will give us the information. Begin now—you cannot live over the years that you have missed but you can make sure of not missing another occasion for a reunion. This is the 40th annual commencement—a good time to begin.

ALL-UNIVERSITY COUNCIL WOULD QUIT THE CONFERENCE.

The recently organized All-University students' council has voted to recommend to the faculty that Minnesota withdraw from the conference. This action followed the practically unanimous vote of the various classes and colleges of the University favoring the same action. The ground upon which the action is based is that Minnesota's position is unsatisfactory and membership in the conference is unfair to Minnesota and on account of it being practically impossible to conduct athletics honorably under the present conference regulations.

WHEATON DONATES HIS LIBRARY TO THE UNIVERSITY.

Dr. C. A. Wheaton, professor emeritus of surgery, has just presented the University 3,000 valuable volumes of his medical library. It is said that this is probably the most valuable single gift the library has ever received. The books are to be placed in new Millard Hall and will be ready for use at the beginning of the fall semester. Dr. Wheaton has been connected with the medical department from its very beginning and a few years ago upon his retirement from active service, he was made professor emeritus of surgery.

RELAY TEAM BREAKS RECORD.

The Minnesota relay team which took part in the contest at Des Moines, Ia., April 20th, set a new record in the two mile event of 8:10. Minnesota's team was made up of Messrs. Lindeberg, Shaughnessy, Anderson, Tydeman and Chapin. These men took part in the meet held at Philadelphia on Franklin field, April 27th.

The team was accompanied by Coach Grant. Dr. Grant is very enthusiastic over this team which he pronounces one of unusual merit.

FOR SOIL SURVEY.

At a meeting of the representatives of the commercial and development associations of the state held at the St. Paul commercial club a proposition was made to have a soil survey of the state made under the direction of the University. It was proposed to ask the legislature for \$50,000 to be used for this purpose.

ENGINEERING NOTES.

Mr. Richards, instructor in wood working, has taken the freshmen class of engineers, on a shop inspection trip to the Minneapolis Steel and Machinery company, and the American Hoist and Derrick company of St. Paul.

Several such trips are taken each year and a full report of certain operative and manufacturing methods is required from each student.

The primary object of these trips is to bring the student into closer acquaintance with shop methods and machines.

The mechanical engineering department has recently come into possession of a very fine model, illustrating the construction and operating of a lumber drying kiln.

This model is an acquisition from the American Blower company of Detroit, Mich. and is the one which that company has used for demonstrating and exhibition purposes at various industrial conventions.

RESOLUTIONS ON THE DEATH OF FREDERICK J. NOER.

Whereas in His divine wisdom, Providence has called hence our beloved classmate and dear friend, Frederick Juul Noer, and

Whereas, the alumni association of the college of pharmacy desires to give expression to its deep sense of grief caused by the severance of a companionship and friendship which continued over a period of nearly ten years,

Resolved, That we his fellow alumni have lost a loyal friend and companion whose memory we will ever cherish with the warmest affection, and

Resolved, That the profession of pharmacy has lost a most promising, capable and enthusiastic adherent to its highest ideals and one of whom it may be said that the world is better because of his having lived therein,

Resolved, as a further testimony of our

appreciation of his services and of our sorrow for his loss to pharmacy that these resolutions be inscribed in our book of minutes and the secretary be instructed to furnish copies to Mrs. F. J. Noer, to his parents, to the Minnesota Alumni Weekly and to the Northwestern Druggist. Manley H. Haynes, President.
Oscar J. Blossmo, Secretary.

Arthur G. Erkel,
Gustav Bachman,
Committee.

WEDDINGS AND ENGAGEMENTS.

Mrs. Freda R. Levy of 2541 Harriet Ave., recently announced the marriage of her daughter Alice to Dr. Herman L. Slobin of the department of Mathematics, which took place on March 30th, 1912. Dr. S. N. Deinard performed the ceremony.

Oliver M. Bakke, Chem '03, and Miss Suebelle Johnson of Dallas, Texas, were married May 23rd, 1911. Mr. Bakke is head assistant for Landon C. Moore, general analytical and consulting chemist, 209 1-2 Lane St., Dallas, Texas.

Mr. and Mrs. S. Roisner of St. Paul announce the engagement of their daughter Rose to Mr. Carl Sternberg, Eng '07, of Minneapolis. The date of the wedding will be announced later.

The engagement of Carolyn Hemmings Smith, '07, to Frank Rucker of Winona, has been announced.

Maud Tubbs, '07, and J. C. Hartness of Eveleth, Minn., were married April 20th at the home of the bride's parents in Minneapolis. After an extended wedding trip Mr. and Mrs. Hartness will be at home to friends at Eveleth.

Beatrice Effie McDowell, '10, and Harold A. Welch, Law '11, were married at Hutchinson, Minn., recently.

The engagement of Nina M. Horton, '11, and Henry P. Goertz, M. A. '11, has been announced. The wedding will take place some time in June.

BIRTHS.

Born to Mr. and Mrs. Frank T. Everhard, '06, Law '08, a daughter, Elizabeth Louise, July 24th, 1911. Mrs. Everhard was Edna C. Thiem of Minneapolis.

Born to Mr. and Mrs. C. S. Marr a son April 16th. Mrs. Marr was Grace Elliott, '08 and Mr. Marr was a member of the

class of 1905. Application for admission of the boy to the class of 1935 has been filed.

DEATH.

Walter F. Linkeke, a former student, of the firm of Lindeke, Warner & Sons of St. Paul, died at his home April 19th after a week's illness with pneumonia. Mr. Lindeke was manager of the notion department of the firm of which his father is the senior member. He is survived by his wife and two children, Walter aged five and John, four.

PERSONALS.

Clarence Harter, a former student has recently removed from Alhambra, Calif., to Los Angeles. His address is 1584 W. 48th St.

'93—Clara N. Kellogg has recently moved from St. Paul to Tacoma, Wash. Her address is 3302 North 27th St.

'96—B. C. Gruenberg has recently changed his address from Brooklyn, N. Y., to Peekskill, N. Y.

'98—Abbie Langmaid of Granite Falls, Minn., has been elected principal of the high school at Sauk Center, Minn., for the balance of the current year.

'02—W. D. Galvin has recently removed his office from the New Nanton Bldg., to 701 Canada Bldg., Winnipeg, Man.

'02—Mrs. W. R. Morison, (May Sanford) formerly secretary of the University Y. W. C. A., is now living at 739 Hackett avenue, Milwaukee, Wis.

'02—F. W. O'Neill has recently moved his office from the Traders' Block to the Peyton Block, Spokane, Wash.

'02 Dent—Dr. A. H. Russell has recently removed from LeSueur Center to Anoka, Minn.

'04—Mabel Bryden, principal of the high school at Sauk Center has been obliged to give up her position for the balance of the year on account of the illness of her parents. Miss Bryden is at her old home at Rushmore, Minn.

'04—Francis L. King has recently transferred his office from the Andrus to the Plymouth Bldg., Minneapolis.

'05—Mrs. E. L. Lowe (Inez Kelsey) has recently moved from Coblenz, Sask., to Moorhead, Minn. Mr. Lowe is with the Moorhead Hardware Co., of that place.

'06—Estella M. Slaven who formerly lived at Austin, Minn., is now living at 153 N. Craig St., Pittsburgh, Pa. She is in the Carnegie Library training school for Children's librarians.

'07—Eng—Raymond J. Andrus has recently changed his address from Pasco to South Bend, Wash.

'08 Eng—Pierce P. Furber who is with C. A. P. Turner, reinforced concrete contractor has recently gone to Chicago. His address is 1302 Hartford Bldg.

'09—E. W. Ewy has recently removed from Minneapolis to Butterfield, Minn.

'09 Eng—F. R. Grant has recently changed his address to 1132 1/2 State St., Schenectady, N. Y.

'09 Eng—Arch R. Robison has recently located at Helena, Mont. He is with the Northwestern Metals Co. His personal address is Postoffice box 1009.

'09 Eng—Fred M. Williams has recently changed his Chicago address to 704 N. 52 Ave.

'10 Law—Howard D. Blanding is engaged in the practice of law at Taylors Falls, Minnesota.

'10 Chem—H. W. Dahlberg is located at Melancthon Str. 21, Neumeyer II, Berlin, Germany.

'11 Ag—J. Roy Brownlie has recently removed from St. Paul to Davenport, Iowa. His address is No. 1 Douglass Court.

'11—Anna Campbell, principal of the graded schools of Ogilvie, Minn., was recently reelected to the same position for another year. Miss Campbell visited the University last week while enjoying her spring vacation.

'11 Law—Paul M. Hatfield entered the employ of Henderson and Fribourg, attorneys-at-law, of Sioux City, Ia., April 1st.

'11—Frank P. Vroman has recently changed his address from Minneapolis to Oak Park Farm, R. R. No. 1, St. Louis Park, Minn.

'12—Ruth Anderson has been appointed principal of the high school at Waterville, Minn. Miss Anderson succeeds Miss Lillian Murseth, '10, who declined a reelection.

John H. Carkin, a former student of Medford, Ore., is a candidate for the legislature.

Mrs. J. R. Cornog has recently removed from Minneapolis to Boring, Ore. Her address is R. R. No. 2, Box 59.

Elmer E. Foss, a former student, has recently been elected to the office of city recorder of Medford, Ore.

'10—Mrs. E. M. Hanson (Pearl G. McKennan) has recently removed from Minneapolis to Sioux City, Ia. Her address is 1119 Morningside Ave.

'10—Mabel N. Holt has recently removed from Pasadena to Los Angeles, Calif. Her address is 900 East Adams St.

'10 Eng—George L. Nason, formerly of St. Paul, has gone to Rome, N. Y., taking a position as superintendent under Mr. Pitkin, landscape architect of Rochester, N. Y. Mr. Nason's address is Rome 308 N. Washington St.

'11 Eng—James S. Brodie has gone to Europe as a representative of the Big Four "30" Gas Traction company of Minneapolis. Mr. Brodie will make his headquarters in Berlin.

'11 Forestry—Arthur F. Oppel has resigned his position with the United States forestry service and has entered the service of the Minnesota forestry service. His address will be care of the state capitol, St. Paul.

'11 Law—Harold R. Taylor has located at St. Maries, Idaho, for the practice of law.

CRACK SQUAD AT THE STATE FAIR.

The University crack squad will drill at the State Fair next fall. The contract has been signed and details settled.

FINAL DEBATE MAY 15.

The final debate in the intersociety series for the possession of the Jacob's cup will be held May 15th. The teams representing the Forum and Athenian literary societies will meet at this time. The Forums have won the cup for two years and a victory this year will give them permanent possession of the cup. This society will be represented by Pomeroy, Beaton and Vollum.

The Athenian is a new society recently organized at the Agricultural college and admitted to the debate union this year. This society will be represented by Schneiderhan, Swedberg, Spear or Norcross.

1912 DEBATE SQUAD CHOSEN.

As a result of the tryouts the following men have been selected to represent the University in debate the coming year. O. B. Anderson, H. J. Burgstahler, Charles Evans, William W. Hodson, H. D. Kitson, Hymen Mendowitz, D. J. Olson, Donald Pomeroy, Ray Spear, D. Tonne, Alfred Vollum, and Raymond Ziesmer.

ZANGWILL'S PLAY TO BE GIVEN.

The members and alumni of the University Menorah Society will give Israel Zangwill's great play "The Children of the Ghetto" on May 16th in the Shubert Theater. This performance will be the play's second presentation in Minneapolis. The profits from the play will be used to form a fund to assist worthy students to pursue courses at the University. The author is supplying the performers with suggestions for a realistic production of his play.

THE "PRETENDERS."

On the evenings of May 2nd and 3rd the Masquers under the leadership of Professor Charles M. Holt, will give the "Pretenders" at the Shubert theatre. This is the first time this play has ever been given by an amateur company. The Masquers have been working for months to perfect the production and those who have been privileged to see the rehearsals say that something unusually fine is to be expected.

SELF GOVERNMENT ASSOCIATION ELECTS OFFICERS.

The Self Government association held their election last week with the following results: Eunice McGilvra, president; Charlotte Stockwell, vice president; Barbara Healy, secretary; Gertrude Moore, treasurer. The following were elected to the board, Ruth Mohl, senior, Veronica McDonald, junior, and Jean Plant, freshman.

A UNIQUE AFFAIR.

Sunday morning, April 21st, two hundred students affiliated with the Methodist church enjoyed a breakfast together at the College Inn. Reverend Fessenden, the new pastor of the Wesley church and Dr. Klyne, pastor of First church, gave short

talks. Those who attended were very much pleased with the affair.

TO DECORATE STUDENT SOLDIERS' GRAVES.

Following the annual custom inaugurated under the leadership of Professor A. E. Haynes in 1899, the students took up a collection at chapel last week for the purpose of decorating the graves of the student soldiers who gave their lives in the war with Spain. Twenty-five dollars were received. This amount will be used to send a silk flag and a University pennant to be placed on the graves of the following persons:

C. E. Payson Colwell, 13th Minn.; Harry L. Currier, Corp., 13th Minn.; Geo. H. Edwards, Q. M. Sergt., 3rd Wis.; August Foss, Corp., 2nd Neb.; T. P. A. Howe, 1st Sergt., 1st Mont.; Chas. McClure, Jr., 1st Lt., 30th U. S. Inf.; Sidney Pratt, 13th Minn.; Olaf H. Rask, 1st Lt., 15th Minn.; Fred C. O. Smith, Sergt., 15th Minn.

ADDITION TO SOCIOLOGICAL MUSEUM.

Dr. Smith, of the department of sociology is securing a considerable addition to the sociological museum of the University, including reports of the methods and work done at the state institutions of Minnesota. The state training school at Red Wing has sent a magnificent filing case with fifty compartments in which are to be placed classified papers, reports and documents in the field of charities and corrections. They have also sent tools and specimens of work. Exhibits are promised from the institutions at Faribault, Owatonna and the State's prison, and these will arrive soon. The reformatory at St. Cloud has sent a box containing specimens of the work done in that institution. There are also to be photographs and charts representing the movements for housing, child labor, anti-tuberculosis, and the like.

PLANNING UNIVERSITY CLUB.

A recent letter from Percy S. Saunders, '02, says, that some of the younger college men living in Calgary, Alberta, have been holding informal weekly noon luncheons and are planning to organize a Uni-

versity club in Calgary. Any Minnesota men who live in or near Calgary are urged to make the fact known to Mr. Saunders, whose address is 609 8th Ave. West. Mr. Saunders represents the Holt-Caterpillar engine and reports business as excellent.

DEAN VANCE AT THE 'VARSITY.

Dean Vance of the college of law, will be at the University early in June and will probably stay over until after commencement. He will return to the University in the summer and make preparations for the opening of the next college year.

DR. SMITH TO MAKE ADDRESSES.

Among recent invitations to Dr. Smith, of the department of sociology and anthropology, are addresses at the National educational association in Chicago in July, the American institute of criminal law in Milwaukee in August, the commencement addresses at the University of South Dakota and Yankton College in June. He has also been invited to attend the international congress of eugenics, meeting in London in July.

DEAN JAMES TO SPEAK.

In the program of the National education association which meets in Chicago during the first part of July, Dean George F. James of the University of Minnesota has been invited to give two addresses. On the morning of July 8th he is scheduled to speak in the department of higher education on the "Relation of state universities to other parts of the system of public instruction." On July 10th he will give an address before the kindergarten section on the "Basic philosophy of Froebel."

TRACK MEET MAY 4th.

An all-university track meet will be held on Northrop Field, Saturday, May 4th. All students registered in the University are eligible to take part. The team to represent the University in inter-collegiate track meets will be chosen at this time.

CANCEL BASEBALL SCHEDULE.

The coach of the baseball team recommended emphatically that the schedule for

the current season be cancelled on account of the small number of candidates available. It will be remembered that of thirty-five candidates for the team only six were eligible.

The board at first refused to cancel the schedule which made it necessary to fill up the team with students who had not been candidates for the team.

Later, the matter was reconsidered and the case was so hopeless that it was voted to cancel the schedule.

THIRTY GAMES SCHEDULED.

As a result of the cancellation of the intercollegiate baseball games for the current year a series of intramural games has been scheduled that will keep baseball enthusiasts busy until commencement time. The schedule follows:

Academic—Thursday, May 2, 4 p. m. Freshmen vs. Sophs. Juniors vs. Sen. Saturday, May 4, 4:30 p. m. Freshmen vs. Jun. Soph. vs. Sen. Friday, May 10, 4:00 p. m. Fresh. vs. Sen. Sophs. vs. Jun.

Engineers—Thursday, May 2, 5 p. m. Fresh. vs. Sophs. Junior vs. Seniors. Monday, May 6, 4 p. m. Fresh. vs. Jun. Soph. vs. Sen. Friday, May 10, p. m. Fresh. vs. Sen. Sophs. vs. Jun.

Medical—Friday, May 3, 4 p. m. Fresh. vs. Sophs. Jun. vs. Sen. Thursday, May 9, 4 p. m. Fresh. vs. Jun. Soph. vs. Sen. Saturday, May 11, 3 p. m. Fresh. vs. Sen. Soph. vs. Jun.

Dental—Friday, May 3, 5 p. m. Fresh. vs. Sen. Saturday, May 4, 3 p. m. Fresh. vs. Jun. Thursday, May 9, 5 p. m. Jun. vs. Sen.

Law—Friday, May 3, 5 p. m. Jun. vs. Middle. Saturday, May 4, 3 p. m. Junior vs. Senior. Thursday, May 9, 5 p. m. Middle vs. Sen.

Agriculture—All inter-class games to be played at Farm School Field.

Inter-college Baseball Schedule.

Academic vs. Engineers, Monday, May 13, 4 p. m. Medical vs. Dents, Monday, May 13, 4 p. m.

Agriculture vs. Laws, Thursday, May 16, 4 p. m. Academic vs. Dents, Thursday, May 16, 4 p. m.

Medics vs. Engrs. Friday, May 17, 4 p. m. Laws vs. Academics, Friday, May 17, 4 p. m.

Engineers vs. Agric. Sat., May 18, 3 p.

m. Med. vs. Law, Sat., May 18, 3 p. m.
 Engineers vs. Dents, Sat. May 18, 4:30 p. m.
 m. Agric. vs. Med. Sat. May 18, 4:30 p. m.

Dents. vs. Law, Monday, May 20, 4 p. m.
 Acad. vs. Med., Monday, May 20, 4 p. m.

Agric. vs. Dent., Thursday, May 23, 4 p. m.
 m. Engr. vs. Law, Thursday, May 23, 4 p. m.

Agric. vs. Acad., Friday, May 24, 4 p. m.

TENNIS DOINGS.

A tennis club has been organized at the University. Sieforde Stellwagen was made president, E. B. Pierce, registrar, vice president, and Jay Poucher, secretary-treasurer. Helen Knowlton and Joe Armstrong are members of the executive committee. The club will have charge of the courts and arrangements for tournaments. Stellwagen and Armstrong winners of the tournament held last fall will start on their eastern trip May 10th.

ENGINEERING NOTES.

F. W. Sheffield, C. E. '09, has resigned his position as chief engineer of the railway and has accepted a position with Hewett & Hewett, bridge engineers of Minneapolis.

J. C. Holland, C. E. '04, is now a designer with the Illinois Steel Co., Chicago. Mr. Holland spent a day in Minneapolis recently, on his way to Wenatchee, Wash.

L. E. Ashbaugh, C. E., '01, who has been engaged for sometime on hydraulic development problems in this country and South America for the G. G. White Co., of New York and London, is now assistant to the chief engineer of the same company with office in New York City.

D. T. Smith, C. E. '05, has just completed a job of steel erection at the Twin City Rapid Transit Company's power house. Mr. Smith has been employed since graduation in the erecting department of the American Bridge Company. He was in charge of the layout and erection of falsework for the new merchant bridge at St. Louis.

A. L. Rohrer, electrical superintendent of the General Electric Company, at Schenectady, N. Y., visited the electrical engineering department for the purpose of obtaining men to work in their testing de-

partment. He gave a very interesting talk on the general organization of the General Electric Company. Some idea of the magnitude of the organization is shown by the fact that they are capitalized for eighty million dollars.

A. P. Dorrence and L. E. Purves senior electricals, have designed and built a photographic attachment for a General Electric company type of oscillograph, which will enable them to photograph current and electromotive force waves on the Minneapolis General Electric company's underground transmission lines.

Fred A. Otto, E. E. '04, has been appointed superintendent of the electrical department of the St. Paul Gas Light company of St. Paul, succeeding F. R. Cutcheon who has become manager for the Consolidated Gas company of New Jersey at Long Branch. Mr. Otto was until recently engineer of the St. Paul company's turbine generating station. Walter C. Beckjord, E. E. '09, was made assistant superintendent.

The eighth initiation and banquet of Minnesota Alpha of Tau Beta Pi, the honorary society for engineers of high scholastic attainments, was held at the Dyckman hotel, April 15th. Professor Flather was toastmaster and called for the following toasts: Professor W. H. Kavanaugh, "Observation;" Professor W. F. Ryan, "Commutation;" Dean F. C. Shenehon, "Demonstration;" W. C. Beckjord, '09, "Construction."

PHASES OF LIFE AND EDUCATION in AMERICA, FRANCE, AND GERMANY, and THE SPHERICAL-WANT SYSTEM OF TEACHING,

by
 Professor F. W. Springer, Eng. '93.
 Part II.

Modern Trend.

One can see into the future by looking through the present from a view point in the past. The changes in business, science, engineering, education, and even in religion, have been so rapid and are now changing at such a rate that it is highly important to note the direction or the

trend of these changes in considering such a problem as that of education.

A few hundred years ago one might have been hung for insisting that the world was round. Everybody "knew" then that the world was an enormous disc covered by a dome-shaped sky, studded with stars for the edification of man. Nowadays, if a man insisted that the earth was flat, they wouldn't hang him, but merely laugh at him. A comparatively few years ago, some well-intentioned, religious Americans attempted to purify society by burning the witches. Today the latter would scarcely excite our curiosity.

The point to this is that science has made the transmission of current and accumulated knowledge so easy that it is easier and quicker to educate the public and children correctly than to force cut-and-dried opinions upon them. Scientific training has instilled a respect for nature's laws and for truth in general, no matter whom the truth may hit. This makes for tolerance. So many wonderful discoveries and inventions have been and are being made that few are inclined to laugh at a new thing, no matter how strange, till it is proven false.

This scientific truth and cause seeking attitude of mind is general, and in direct contrast with the hazy, philosophical and empirical ideas about many things of a few hundred years, or even decades ago.

Newton's discovery of the law of gravitation, and Watt's application of steam in the generation of power, were the beginning of a scientific law period. One hundred and twelve years ago, Volta produced the electric battery, a device for generating electricity, in order to satisfactorily explain certain nervous reactions in a frog. Today science dominates almost every phase of modern life.

Since these discoveries it has become possible to read news concerning events that happen on the other side of the world, hours before they happen by our time. It is merely a matter of a few weeks for anyone to reach almost any part of the world, and he may be at all times in communication with any other part.

The daring of the modern scientific mind is startling. They now conceive, for example, an atom to be a micro-miniature

system quite similar to our solar system, with infinitely miniature satellites whirling about a central particle or "sun."

Gravitation, which may be either a push or pull, acting between us and the earth, in fact, acting between every particle of matter in the universe and ever other particle, is now being explained by electromagnetics, as is also light, heat, electricity, etc.

The tendency is to explain all the regularity of observed phenomena which we call, laws of physics, chemistry, etc., in terms of one unknown law or thing, and the belief is increasing that there is really one **Great Law of the Universe**, our little laws of science and engineering and life being merely different phases of this Master Law.

Scientists are even attempting to produce life from inanimate matter by chemical combination. Why not? If they succeed they even then cannot explain what life actually is. We have no sixth sense which enables us to detect electricity, directly. There is no absolutely satisfactory definition of it, yet billions upon billions of foot-pounds of electrical energy are generated and used as desired and planned every year. No one doubts that there is such a thing as electricity, or that it operates under perfectly precise laws.

Many people now think of life as a universal thing which may appear anywhere in its elementary forms, when the conditions are just right, as simply and surely as geometrically perfect crystals of salt appear in a glass upon the evaporation of a salt solution.

We are astonished when serious and sane scientists estimate the age of this earth and attempt to tell the story of the meteorites that came to us out of infinite space. The scientific process of the birth of a world is up for serious discussion. It is no wonder that some call this daring search for the secrets of the universe, sacrilegious presumption.

It was formerly philosophy and discomfort and hardship. It is now science, engineering, laws of nature and luxury. Man has learned to direct the forces of nature in and about him to his own convenience to a marvelous degree, and there are whole fields of science in sight and as yet unexplored.

It is interesting to speculate as to how this modern life may affect the race, since the conditions of life and mental activity and environment have so changed. If we were to draw a vertical line, representing the average potential brain power of today and another vertical line to the left of the first along the line of time, say of 10,000 years ago, should the second be much shorter than the former. If it were assumed to be a little shorter and we drew an inclined line across the top of these verticals, intersecting the base line in the distant past, we could obtain perhaps some idea of the time required by the human race to raise its intelligence above that of the lower animals.

Whether the brain power of the highest type of man of 10,000 years ago was less than that of the present, or not, it is certain that man has advanced greatly in some of those things which distinguish the brute from man.

The great difference between the human mind and that of the lower animals is the ability of the former, not only to **direct the laws of nature in his interest but to transmit accumulated knowledge.**

Surely in these two things tremendous strides have been made in 100 years and the greatest rate of progress has been made in the last 50 years.

Whatever the relative brain powers of the past and present may be, the present civilized races have infinitely greater racial efficiency, than those of the past.

The improvement in the efficiency of a race may undergo wide changes in one or two generations. In other words, a serious mistake in the training or education, whatever the prime cause, may mean the fall of a nation. Germany, and especially Japan, are excellent examples of increased racial efficiency. In 1850 Japan had practically everything to learn about the civilized game. Now that she has effective engines of peace and war, she is said to be civilized.

Modern success thus seems to be very largely a matter of mental and physical training or education and national co-operation. Whether our people are to be mortgaged or conquered by another race depends almost altogether upon our educating machinery, which is entirely in the hands of the older generation.

We must remember that conditions and laws of survival of the fittest now tend to eliminate a somewhat different class than formerly. Physical strength counts for little now, unless having physical strength and size tends to be accompanied by greater brain power. Even numbers are futile before cleverness and invention.

Brains and trained brains and concerted action count for everything in the race for supremacy among races as well as among individuals. The race that can build and operate the most efficient and effective engines of peace and of war, takes such things as it may wish for its needs or comforts.

The ability of a race to take what it wants is one of nature's measures of its right to survive, but any race that takes too much is also taken care of by nature's laws. Gluttony and luxury are even more effective than starvation and misery in the eliminating process.

Many have attempted to answer the question, "Does modern efficiency improve man's morals, and does civilization really mean much more than racial efficiency?" Many think not.

Largely thru the influence of scientific discoveries and their applications, conditions of life have thus changed much in the last few years. Competition is everywhere, in everything, not only between those of the same county and of the same state, but also the competition of every nation is at the door of every other nation. Distances are annihilated. Machines directed by men and employing the forces of nature do our work and make luxuries available to all. Efficiency of human effort has thus gone up at a tremendous rate within the last 50, 20, 10, and 5 years. One man with science and machines supplies the wants of thousands. Hence, our school system must be such as will develop a high vocational efficiency because of competition, if for no other reason.

Competition, very largely, is back of railroad wrecks, steamship disasters, oppression of the wage earner, bribery of law makers, etc., etc. The individual, or group, or state or nation, that is behind in efficiency and nerve carries the burdens to the comfort and convenience of those more up-to-date.

Scientific discoveries are rushed into prac-

tice, often without a thoro trial, without men trained to properly put the new ideas into practice, or to operate them. Low factors of safety are resorted to to cut down the costs. When one cannot succeed without taking a chance one runs whatever risk is necessary for the sake of success.

Few people of today make a serious complaint if they have just missed a railroad wreck or a steamboat disaster, although they make many threats of vengeance if thru a deviation of a few inches or seconds something serious does happen.

The race that can apply the laws of science, or of nature, with the greatest precision, with the greatest safety and with the lowest safe "factor of safety" will win, other things being equal.

Educational Trend.

In view of the application of science and the need of skilled workmen and trained leaders, there is little wonder at the pressure to introduce manual training, trade courses and engineering courses into high schools. There is also little occasion for surprise at the tendency to vocationalize academic courses.

Twenty years ago high school courses were administered on a strictly cultural basis with Latin and Greek and mathematics occupying the chief positions. A little later modern languages and science began to displace the classics, because the former were considered more useful.

Recently manual training has begun to displace the modern languages and claims are being put forward that hand work may be taught with real cultural results. In any case, the stand is taken, that of two evils too much vocational work would be better than too much cultural training. In other words, it is better to develop ability to satisfy wants not yet developed than to develop artistic tastes for which there is no earning provision.

There is no doubt but that the average Latin and scientific high school graduate makes a stronger college student than the present English-manual training student. However, the difference may be due to differences in the students, the teachers and teaching methods rather than due to the difference in subjects. In any case,

the many must have vocations, while only to the few is Latin, for example, a necessity.

In the near future we shall undoubtedly see the manual training in the present cultural high schools develop into separate Industrial High Schools which will occupy the same relative position to Engineering Colleges as the present High Schools do to Academic Colleges.

Some of the material now taught in Engineering colleges, which comes within the sphere of common use and observation, will be taken up by these Industrial High schools.

Twenty-five years ago the place for a telephone would have been on the lecture table of Advanced Applied Physics. Today three-year old babies are held up to the telephone by their mothers to tell fathers to bring home something they want. The telephone is now certainly within the sphere of observation and use of children, and there is no reason why certain phases of telephony should not be taught in technical high schools. The boy of fourteen can make a perfectly good telephone with little difficulty. Let him make it and use it to talk with his neighborhood chum. He will then be prepared to study higher harmonics, Pupine coils, etc., in college.

The same thing applies to a thousand and one other things and will apply more and more as scientific applications are made, their theories digested and made ready for junior observation and study.

While the greatest apparent change will take place in the development of technical or industrial high schools, important changes will also be made in the cultural high school by teaching so-called cultural subjects with directly utilitarian objects.

The above changes will have some secondary results of great moment, for example, masculinization of the education of boys between 14 and 18, finally resulting probably, in men teachers for boys to some extent beginning with six years.

The greatest obstacle in the way of developing the new work is the lack of properly trained men teachers of the right personality. There are not even any schools or at least courses for properly training these teachers. Further, in a great many instances, the school control is still in the

hands of the old school type of men who either do not realize the direction of modern trend, or cannot meet it for other reasons.

The same cycle of changes has been going on and will continue to go on in the Universities. Twenty years ago, the vocational or professional schools were side issues, the engineering courses were few and weak, and engineering students were simply the flannel shirt contingent. Things have changed somewhat.

Today some academic colleges are hoping that they may be allowed to give the first two years of college work as cultural preparation for the professional courses.

But, this does not seem to be the answer to the problem. It might be better, perhaps, if the Academic Colleges started vocational courses of their own, in civics, economics, history, chemistry, geology, etc., and deliberately set about to prepare students for immediate and efficient usefulness on leaving college.

The professional schools are tending to the taking over of the preliminary college training for their courses in some lines because a student who has selected a vocation does not care to mark time for two years, even on a cultural basis.

It would not seem that the tendency to require a bachelor's degree as entrance to some of the professional courses would long hold, unless the academic part of such a vocational training were modified to fit the demands of mature life for each particular vocation. To illustrate, engineering-English, language, mathematics, etc., might be taught engineering students by teachers who have at least an engineering perspective, if not an engineering training, in order to assist the student in working cultural ideas into his vocational sphere immediately, and combining these ideas as habits with the other elements which make up the sphere of knowledge of the engineer.

Industrial high school courses, or Junior engineering courses, appear to have already started in Minnesota. They have begun by introducing really serious and effective courses in all kinds of shop work, in shops equipped with real machinery. There are also courses in various kinds of drawing and drafting. These are the elementary

courses in an engineering training. It is only a question of taking another step, then another.

The German industrial high schools started years ago as night classes in mechanical drawing. They are now turning out well-equipped junior engineering graduates who have learned many of the phases of engineering, such as those now taught only in engineering colleges in this country.

Just as soon as some forceful engineering graduate who likes boys and loves teaching gets hold of one of our industrial schools, it is believed he will start something in the way of real mechanical, electrical and civil engineering courses for boys between the ages of 14 and 18. Boys would swarm into these courses.

At the present time it is very largely a question of obtaining the right kind of engineering teachers and directors.

One trouble with endowed and private industrial schools of this kind has always been that they start with the big idea of teaching trades, and they end up by teaching graduate work only. It is very difficult to hold a faculty down to a fixed grade if they are given the liberty of advancing. Good teachers are ambitious and many of them desire to climb the whole length of the ladder with the pupils.

But, if these industrial schools are managed by regularly elected School Boards who have in charge also the other high schools, the industrial high school will be held in its proper field, like the others, because the practical common sense of Mr. Taxpayer is not liable to allow an expensive college of engineering, or an academic college, to be duplicated in every corner of every city in the state. One expensive engineering college, with research departments can turn out all the highly trained engineers the state can use or can afford to pay for.

The industrial high schools, and the "Vortbildung" trade schools with them, must be within easy reach of the student. Hence we may expect the same distribution of industrial high schools in our cities as in the case of the cultural high schools. It is quite likely that industrial work will eventually be given in separate buildings

from the cultural courses, and that the night school work will decrease with the increase in number of "vortbildung" graduates.

The division of high school work into cultural and different vocational courses will undoubtedly segregate not only the industrial and professional classes to some extent but also the sexes, since the training that fits the sexes respectively for modern life must necessarily be different.

Co-education is a tradition in the United States, yet the extremists who would teach the girls and boys tating, and boys and girls turning, to obtain all the advantages of co-education, are disappearing, and, while co-education is impossible under the present social conditions and traditions in France, and in Germany, it will remain, no doubt, in America for many years. Co-education will, however, be unquestionably modified by vocational segregation and by the introduction of men teachers in the grades, first as manual training teachers, then in athletics, military drill, citizenship, etc., and mathematical and scientific subjects.

Co-education does not seem to retard the solution of the problem of education at the present time. The girls, having obtained the right to take the same courses as the boys, and having demonstrated that they can carry off most of the school honors, now want girl's subjects.

The tendency to teach cooking and other domestic subjects in both American and foreign schools, instead of in the home, the increasing number of boarding schools, college dormitories, and the like, all point to leaving more and more of the bringing up of the children to the schools in the next generation. What the parents refuse to do, the State must do.

However, if the domestic science courses, now so popular, are as successful as claimed, and hoped that they may be, we may expect domestic instruction to

be again given in the home, and not expect the pendulum of all home training to swing clear into the school system for any great length of time.

Men and Women Teachers.

There is no evidence, either here or abroad, of any let up for some time in the movement toward vocational subjects, in fact, scientific progress promises more necessity for these subjects in the near future. We may then expect to see the demand for vocational courses for boys result in masculinization of high schools and even the grade schools, since only men can properly train boys to become good home and nation providers.

There are two reasons for doing this,

*** MEN AND WOMEN TEACHERS**

Age and School Periods.

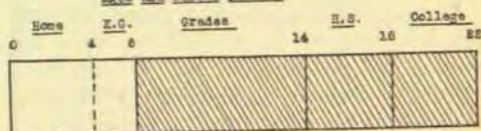


Fig. 1. German and French BOYS

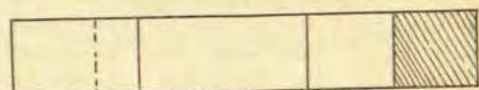


Fig. 2. German and French GIRLS

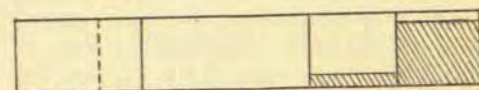


Fig. 3. United States, BOYS and GIRLS



Fig. 4. Proposed for U. S. BOYS



Fig. 5. Proposed for U. S. GIRLS

Men teachers shown by shaded areas

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first, men are needed as teachers of vocational subjects, and, second, boys need a man's example, and a man's viewpoint in quite a large part of even grade subjects. No matter how hard the best woman teacher may try, she cannot set a man's example, and certainly her precepts and empirical instruction cannot equal the combined example and instruction of an equally good man teacher.

In the following diagrams, the shaded areas indicate men teachers and the clear areas women teachers. These diagrams show up one very remarkable fact—our boys have about the same relative number of women and men teachers as do German and French girls.

Figures 5 and 6 are proposed as the probable result of our present tendency toward masculinization.

As indicated by Curve 4 above, at least one man teacher is supplied for boys beginning at the age of six, to supervise playground sports, gymnasium work, athletics, scouting, drill, school political organizations, selection of leaders, in order to bring out the elements of citizenship. In addition, boys are curious to know about many things. Some man should be around who can tell them the things they should know, when they want to know them. This teacher should be a young man who has had a wide academic training and some athletic and military drill. In other words, he should be a boy's man. This is a very difficult position to fill.

Manual training, suited to the play period of a boy's life, beginning at the age of ten, should be taught also by a boy's man who has had a good engineering training and some shop experience.

The manual training, such as that leading to serious trades, may begin between 12 and 14, and continue till 18. These latter courses should be taught **only** by men over thirty years of age who have had much real shop experience, together with some pedagogical training. A college manual training course does not appear to be sufficient training for such a position.

Since the best way to learn a real trade is to work at the trade under the conditions of the actual practice of the trade, we may expect to soon see American boys of 14 to 18 working at their trades as apprentices

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and taking supplementary "Vortbildung" school work in industrial high schools in order to learn the theories and science of their calling, and to acquire an education in good citizenship and hygiene. This training will not only make them adaptable to their present vocational and citizenship environment, but will prepare them for the inevitable future changes in their respective trades.

In connection with vocational courses, the pupil will, no doubt, be examined by those competent as to the pupil's mental and physical qualifications for certain trades. For example, a weakling with weak lungs would not be encouraged to follow a trade which involved conditions unfavorable to even healthy lungs.

The coming industrial high school graduates will undoubtedly drive out the college engineering graduates from many of their present fields, and force them to take up the more advanced work. This has already happened in Germany. Taken as a whole, the result will be a strengthening of the College of Engineering because of the necessity for it.

College engineering courses will turn out a better product, first, because of the industrial high school preliminary training, and second because of the stimulus of research work, in the upper years, which will, no doubt, soon be more common.

At the present time, a boy who decides at the age of 14, or in his first high school year, that he is to be an engineer has no real engineering contact till the latter part of his college course. In other words, his sphere of knowledge, while

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perhaps expanding in other directions, does not increase in an engineering direction during a period of from four to seven years. This fault is common in most of the present engineering schools the world over.

The attempt now made to compensate for this flat spot on the sphere of engineering education in high schools and engineering colleges by certain cultural and theoretical courses taught in a theoretical way gives, of course, unsatisfactory results.

In many cases, these cultural, or so-called mental-training courses correspond to a slender structure, started upon the sphere of ideas or knowledge of a student, and built straight out and away from the student's sphere of activities. He is expected to use the conclusions of these courses at the top when his sphere of activity has been expanded later by actual contact with life.

Even in college courses, students are required to learn much that they have no opportunity to apply and have no immediate use for, and much which the great ma-

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majority will never use. These courses are taught principally because of the mental training they give. This alone ought not to be a sufficient reason for them.

Engineering education, as well as education in general, will never be satisfactory until that method is adopted which will cause a boy's sphere of **real knowledge** to expand from birth by his working into his life the ideas received in the successive steps of his development. This would enable him to build up a structure during the school life sufficiently solid to carry the load of mature knowledge.

At the present time, a boy on leaving school finds that he has no place to put the knowledge acquired by experience, except upon a school sphere of ideas. He is thus compelled to reconstruct his sphere. We call this the orientation of practical life. There should be no necessity for much orientation in beginning the life work.

As to the probable changes in our schools, it would seem, that judging from present tendencies, and from the experience of Germany in particular, that our school system will be modified as follows:

1. Masculinization in the high schools, and also to some extent in the grades.
2. Establishment of schools for training vocational men teachers for boys in high schools and in the grades.
3. Partial co-educational segregation on a vocational basis and also vocational class segregation.
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The next section will take up Money-Life Curves and a comparison of French, German and American Schools.



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