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## The Wisconsin alumni magazine. Volume 1, Number 6 March 1900

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# THE WISCONSIN ALUMNI MAGAZINE.

PUBLISHED BY THE ALUMNI ASSOCIATION OF THE  
UNIVERSITY OF WISCONSIN.

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# THE WISCONSIN ALUMNI MAGAZINE.

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THE NEW ENGINEERING BUILDING.

## THE WISCONSIN ALUMNI MAGAZINE.

VOL. I.—MARCH, 1900—No. 6.

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### THE NEW ENGINEERING BUILDING.

The new Engineering Building will probably be the most ornamental building upon the upper campus. It is designed strictly in the Corinthian style of classic architecture. It will be built of gray hydraulic pressed brick with Bedford stone and tile trimmings. The windows in the east and south fronts, which appear in the engraving, are all of plate glass. The building will be placed on the north side of the upper campus facing south towards the Law Building. It is designed for indefinite extension northward in two wings towards Lake Mendota. The basement part of one of these extensions is shown in the engraving and will be constructed in the present contract. The roof is of slate with glass skylights at the apex to light the drawing rooms in the attic. In the east end of the main building on the first floor there will be an auditorium, seating some three hundred and fifty persons, with a raised platform and sloping floor. Around the walls of this room there will be arranged museum show cases. The floor of this room is depressed some six feet below that of the main floor, while the basement story here forms a kind of second basement, the sloping ground on which the building rests permitting of this arrangement. The basement stories are entirely devoted to laboratory purposes, and in addition there is a large steam laboratory at the back of the building, not shown in the cut, which is on a level with the basement story but which is high enough to admit of entrance from the main floor upon a gallery which entirely surrounds the laboratory. The gallery serves for computation purposes and also as a balcony for visitors. This laboratory is lighted from the roof and will oc-

cupy what will ultimately be a court, when the building has by extensions completely surrounded it.

The first and second stories are devoted to recitation rooms and offices, besides the reading and library room, and the auditorium. The third story and the attic are devoted entirely to drawing room purposes, the latter being lighted wholly from the ceiling and the former by windows in the upper parts of the rooms. These short but high windows admit of the use of the classic cornice course as shown in the engraving.

The interior is what is known as mill construction. It will be finished with a hard fire-proof plaster upon expanded metal lath, with maple floors and oak trimmings. The blackboards will all be of slate. The auditorium and the drawing rooms will be lighted by electricity in such a way that no light will be visible to any person in the room. The light will be arranged around the sides of these rooms with opaque reflectors which will disperse the light evenly over dead white ceilings. The rooms will then receive a diffused light reflected from these ceilings. It is not known that this method of illumination is now in use anywhere in America, but the professors in the electrical department of the College of Engineering affirm that it can be readily done. A blue-printing room and equipment opens off from the attic story in the rear, but this extension does not show in the engraving.

The building will be heated by steam from the central heating plant by direct radiation, and all recitation and drawing rooms and the assembly hall will be thoroughly ventilated by the fan system. Both the direct and indirect systems will be controlled by automatic regulation. The building will be fully supplied with electrical wiring for both lighting and power purposes.

While the internal arrangement of the building has been planned by the Engineering Faculty, the building has been designed in all other respects by Mr. J. T. W. Jennings, the University architect. The contracts for this building were let February 1 to Frederickson Bros. of Madison, and the building is to be completed before October 1. The excavation has al-



ready been begun, and the contractors expect to employ dynamite for removing the frozen crust over the area covered by the building. The earth removed from the site will be disposed on the lower campus, east of the new Library Building, thus raising this low ground nearly two feet.

Although many persons doubt the possibility of completing this building by the time specified in the contract, there would seem to be no reason whatever why it should not be done, and the writer confidently predicts it will be completed, ready for occupancy in all respects, when the University opens next September. It is expected that the laboratory appliances now in the basement of Science Hall will be moved into the laboratories during the month of September, before college opens, so that everything will be in working order at the beginning of the next semester.

J. B. JOHNSON.

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#### A VITAL QUESTION AND ITS ANSWERS.

The following extract from a letter written by a recent graduate of the University touches upon a problem of interest, not only to Wisconsin alumni, but to everyone interested in modern higher education. The importance of the personal relation between student and instructor is something that no university can afford to overlook. Yet the increasing size of classes necessarily renders it increasingly difficult for the professor to deal with his pupils as individuals. In this fact lies an argument that is constantly used by advocates of smaller colleges as opposed to the great universities. The question whether or not the gulf between the professor and student is increasing is therefore one that we are all, as alumni, desirous of having answered, and probably most of us, if it be answered in the affirmative, are anxious to know whether this tendency is inevitable in a growing university, or whether something cannot be done to remedy what we must deplore as an evil.

For the purpose of obtaining light on this subject, an answer to the letter was sought from representatives of the two parties directly concerned, one a student of several years' observation,

the other a member of the Faculty who is also an alumnus. The letter which suggests this inquiry follows, and after it are given the answers thus obtained:

"The following sentence was written by a student now at the University; she was there several years ago, and has now returned to finish her course:—

"It seems as though there is a greater distance between professors and students than there used to be."

"I think that she is right, for I have heard similar statements from other sources. This is much to be deplored. Is our beloved *alma mater* aping the formality that exists at eastern colleges instead of cherishing that cordiality, that 'hail fellow well-met' spirit of the West?

"I know the Faculty are trying to lessen that gulf by the mass meetings held Friday noons, but it evidently is not bringing professor and student close to each other.

"What can be done to remedy the evil? We cannot expect much enthusiasm and loyalty to the U. W. from the coming alumnus if, while he is at the institution, he is treated in this stiff, formal manner.

"I do not offer this in a spirit of fault-finding, but I love U. W. and thought if in any way I could set some one to find the remedy (I know none myself, except some plans by which the girls could be brought together closer), I'd be doing the institution a favor. We sometimes hear criticisms that perhaps do not reach Madison, and yet it is *there* they'd do good; here they work evil, for the institutions are selected because of them—whether they be just or unjust."

#### I. A STUDENT'S VIEW.

A University alumna in a letter to the ALUMNI MAGAZINE expresses sorrow that the distance between professors at the University of Wisconsin is growing greater year by year. She bases her belief that the distance is growing, I believe, upon information received from a student who has returned to take up work at Wisconsin after an absence of some time. It is also asked to suggest an explanation of such a change, and whether this estrangement is not due to an imitation of eastern colleges.



I have been asked to state from the standpoint of a student whether such a change has taken place, its cause, and any remedy that suggests itself.

First, as to whether such change has or has not taken place. There are many reasons why a statement by a student, in answer to a question of this kind, could be regarded, at the best, as nothing more than an opinion. The data upon which a generalization would be necessarily based are altogether too indefinite and uncertain to make the answer of much value. In the first place, the ordinary student's stay at the University is too brief and his observation too narrow to note a change of this kind, and if such change were marked by comparing his first year with his last, yet it would be so gradual that it would be unobserved. Secondly, one student's observation must necessarily be defective. Laying aside the personal element which must necessarily affect it, there is the additional disadvantage of coming in contact with but a few of the one hundred and twenty-five professors, each one differing from the other in his attitude towards his students. Is the distance between students and professors growing at the University? I think I have pointed out enough difficulties in the way of giving a satisfactory answer to this question to destroy the value of any I should attempt to make. But in pointing out with what little authority I could answer such a question, I hope I have also accomplished another purpose which might save some of the readers of the *ALUMNI MAGAZINE* from error on this, as well as many other subjects connected with the University, namely, that generalizations based upon the observations of one or two students are to be taken with proper limitations.

To come more directly to the question, I should say that perhaps such a change has taken place in the last ten or fifteen years. I say perhaps it has, because I think it natural that it should have taken place. This brings us naturally to the cause, assuming an answer in the affirmative. Of course, foremost among the causes, and perhaps the only one that suggests itself, is the rapid growth of the University in that time. The attendance at the University of Wisconsin has more than

doubled in the last ten or twelve years. Classes are much larger now than they were then, and in many cases so large that the individual is lost in the general mass. This is not only natural, but it seems inevitable. For a professor to have any considerable knowledge of his individual students, or to have much personal contact with them, when his classes number from fifty to one hundred pupils, would certainly be extraordinary. In such cases it is unfortunately necessary to deal with students in a body, to call names to recite rather than individuals, and to know names rather than individuals. But however we may deplore such a condition, it is certainly unavoidable and a natural concomitant of a university the size of Wisconsin.

If such a change has taken place, the question of imitation of eastern colleges must be dismissed with no discussion. The writer of the letter in question sufficiently answers this suggestion in these words: "I know the Faculty are trying to lessen that gulf by the mass meetings held Friday noons."

Leaving out of consideration the difference in the relations of student and professor formerly, compared with the relations now, it is certain that at present, in many cases, the student and professor know too little of each other as individuals. This is no doubt a great loss to the student. Next to the benefit a student derives from his contact with his fellow students, it is said, is the benefit he derives from the contact with his instructors. This does not mean contact in periodical "quiz" or examination. It is the knowledge he gains from knowing his professor's method of work, method of thought, and character. This, to some extent, he gets from his relation with his professor in the class rooms, but too often the relation is machine-like. In the relation of student and professor the individuality of the professor counts for very much. Some professors regard knowledge above the individual. Not only this, but they regard a knowledge of their branch as everything. To such a professor each individual counts one. He knows nothing of his pupils outside of the class room, can make no allowances for weakness or strength, is seldom approached by the pupils,

and perhaps does not know his individual pupils outside of the class room. On the other hand, there are professors of the University of Wisconsin who know, not only the names, but the individual characteristics of each one of their pupils; who, though busy, are always accessible, and to whom students frequently go for assistance and advice. These men are an inspiration to those who work with them, and they are the ones who are remembered longest when the student has left the University. It isn't to be expected that every professor could sustain such a relation to those in his classes. It is no doubt the result of individual disposition and character and not of studied effort.

It is much easier to tell what is and to criticise what ought not to be, than it is to suggest a remedy. If too great a formality exists in the relations of any professor with his students, it is a problem for that professor, in the light of all the surrounding circumstances, to remedy. This is the extent of the suggestion I have to offer to remedy the evil, if it exists. It is general enough to be of little practical value, but has the merit of universal applicability.

THEODORE W. BRAZEAU.

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## II. FROM A FACULTY VIEWPOINT.

The above letter suggests a few considerations to one who has been connected with the University as student and officer of instruction for more than ten years, and who has always endeavored to keep in close touch with the interests of the student body.

Complaints like the above are not by any means new; they were made ten years ago in almost the same form, as any one who has treasured up the old files of the "*Ægis*" may see by referring to the editorials of that venerable periodical—for instance, under the date of October 18, 1889. The feeling to which the letter refers is very natural. It is attendant upon every change by which a person is transferred from a narrower circle of activities into a wider field, where he has been so far a stranger. A student coming to the University from a high



school, where he has usually been among the first in ability, meets in his new surroundings a much sharper competition. Many are his peers, some even his superiors, and less attention is necessarily given him than he received before. To one who arrives on a higher plane of competition the world is very apt to seem cold and apathetic. In the place of admiring friends and encouraging associates he finds severe critics and eager competition. When a young lawyer or doctor begins practice in a large city, when a university professor is transferred from a smaller to a larger institution, the same experience is met. The higher the field of competition the more will each competitor resent anything that savors of patronizing, and insist upon establishing his claims to consideration by personal ability and achievement.

It is exceedingly difficult for a professor in a large university to steer his course between a patronizing interest that would be quietly resented by its beneficiary, and a critical aloofness which would stand at the gate of the paradise of approval and encouragement with a double-edged sword.

The University of Wisconsin has become a large and cosmopolitan institution within which the highest excellence is sought after, and it is recognized that this can be more often reached by mutual reserve and just criticism than by indiscriminate, well-meaning encouragement. Let it not, however, be understood that the Faculty does not take a deep interest in every student and make every effort to come in personal contact with the students and to be truly helpful to them. The mere fact of increased size has made this personal contact somewhat more difficult. This is especially true of the President of the institution, who can no longer be expected to be personally and intimately acquainted with every student under his charge. To the officers of instruction, however, many roads are open for direct contact with the student body of which the public in general does not know.

The principal work of the teacher is, of course, his class work, and in the class discussions and seminary conferences a professor has the best chance for making his personality and

learning count among the students. Among the younger students a professor very often finds it necessary to encourage discussion, as volunteering in class and speaking with the teacher after the recitation are often deprecated by student sentiment as savoring of a bid for favoritism. In the seminary work teachers become intimately acquainted with the advanced students in their departments. It must always be remembered that the long weary hours which a professor spends in clearing up obscure points in his own knowledge perhaps redound more to the real benefit of the student than would many a pleasant chat or social meeting. Often the men who are socially most diffident, who impress the student as distant and reserved, are the best teachers, because of their constant conscientious effort to fathom every depth of their subject.

Another avenue for mutual acquaintance is the work of the class officers, by which professors constantly come in contact with large numbers of students, and are enabled to give them the benefit of their experience as seekers after knowledge. The home of every professor is open to any and all of his students who desire advice or information. Let any student ask himself whether he will not be well received if he comes to any of his instructors on such an errand. Of course, students must confine themselves within reasonable limits of time, as otherwise it would become impossible to respond to the demands of all of them.

There are numerous societies by membership in and attendance upon which students may come into direct and friendly contact with professors. The membership in societies like the Science Club, the Physics Journal Club, the Germanistische Gesellschaft, is composed of students and members of the Faculty, and their mutual relations are of the most pleasant nature. Many opportunities are given in the course of the year for meeting students at social entertainments. The President's home is at stated periods thrown open to the whole student body, and the receptions given by the University associations are well attended by members of the Faculty. The various heads of departments often give private receptions to the stu-



dents in their classes. This deserves encouragement, although many of the students may look on the attendance upon a reception, or, in fact, any social function, as an irksome discipline. Few people will find fault with the Faculty for not attending the student dances in full force, but even as it is, there is generally a fair sprinkling of instructors and professors at these entertainments.

Looking at all these facts, it seems that there are avenues for mutual intercourse sufficient for all purposes. It is only necessary for the Faculty to realize the great amount of good it is in their power to do by utilizing these means, and for the students, on their part, boldly to call upon their instructors for aid and advice in any matter in which they may require it.

When we consider that on a fair estimation the members of the Faculty spend on the average twenty working days in meeting with students, outside of their regular class hours, it will be seen that this side of the instructor's work is not neglected. It is at all times well, however, to call attention to the great field for personal influence and helpfulness that is open to members of the Faculty. It is certainly true that many students of the rarest gifts languish under the treatment of apparent cold indifference, no matter how much this may be calculated to spur on more ambitious natures. A word of encouragement or advice may sometimes prove a turning point in the intellectual development of a student. Where students appeal to the Faculty at present they are sure of sympathetic advice. Perhaps such appeals might be more encouraged.

Critics of the relations between students and the Faculty at the University very often have in mind the English system of tutoring and constant companionship between teacher and pupil. This daily and intimate companionship with the mature mind of a generous man, a teacher, counsellor, and friend, is indeed a great boon to the British youth, but only a total remodeling of our institutions would make this possible. It would necessitate a vastly larger outlay for instruction, so that more individual attention might be given to each student. Even in Oxford, however, the system has been losing its for-

mer hold since the fellows of the University have been allowed to marry and have given up the semi-monastic life in cloistered colleges. In Germany and France there is much less direct intercourse between students and faculty. The social intercourse is confined to formal visits. Discussion in class is absolutely ruled out, and the chance to talk the lecture over after it has been delivered is usually cut short. There it is only the advanced students who have any opportunity of becoming personally acquainted with their instructors. The ideal of the University of Wisconsin is to combine the character of rigid competition, of intellectual guidance by men who are specialists and authorities in their subject, with as much of the mentorship ideal as the necessarily limited energies and time of the institutional force may permit. That a man should be at the same time an original investigator, an interesting lecturer, and a painstaking mentor may seem to be requiring too much; but when it is considered that the companionship of generous, ambitious young men will aid and inspire a man constantly dealing with technical subjects, while on the other hand the possibility of appealing at all times to a trained and experienced adviser, who has a warm heart, is a great boon to the student, it will be recognized that, though difficult to maintain, this combination ought to remain the ideal of an institution supported and cherished by the people. The feeling of greater distance noted by the writer of the above letter is undoubtedly due to the fact that the character of the institution has changed, that the numbers have increased, and that a constantly higher field of competition is sought after. The feeling of helpfulness that animates the members of the Faculty has, however, not changed, and if only the students make use of the many avenues open to them they will find in their teachers sympathetic advisers and generous friends. It is well if admonitions like the one contained in our letter occasionally reach the University world, so that the opportunities for personal helpfulness may not be allowed to slip away through inadvertence, but may be made use of to the fullest possible extent.

PAUL S. REINSCH.

THE BURIAL OF THE CALCULUS.

This ancient ceremony, the solemn duty of the Sophomore class in the early days of the University, has been several times referred to in the pages of the MAGAZINE. The following is a copy of the printed program prepared for one of these sad obsequies:

(FIRST PAGE.)

*"Requie - scat in Pace."*

SEPULTURA

C A L C U L I ,

CONDUCTED BY THE

CLASS OF '61.

STATE UNIVERSITY,

Monday Evening, July 25th,  
1859.

(SECOND PAGE.)

O B S E Q U I E S .

Prayer,		By the High Priest.
---------	--	---------------------

SONG.

Oratorio Mathematica,		Orator.
-----------------------	--	---------

Demonstration,		Mathematician.
----------------	--	----------------

HYMN.

Oratio Funebri,		High Priest.
-----------------	--	--------------

Class History,		Class Historian.
----------------	--	------------------

DIRGE.

S A L U T E .

PARTING HYMN.

(THIRD PAGE.)

## THE PROCESSION

Will form in front of the  
NORTH COLLEGE,  
and will move thence in the following

## ORDER.

GRAND MARSHAL,

GEN. MATHEW MATICS.

HIGH PRIEST,

THEOLOGY.

Class Historian,  
T. A. CITUS.

Mathematician,  
PHIL O. SOPHY.

GRAVE DIGGER,

M. ECHAN. I. C. S.\*

AL. G. BRAY.

PALL

GEO METRY.

B
I(E)
E
R

H. OMER.

BEARERS.

T. L. IVY.

C. I. CERO,  
ORATOR.

ANNA LITA G. OMETRY.  
CHIEF MOURNER.

CLASS OF '61,  
INVITED GUESTS.

FRIENDS,

CO(U)SIN(E)S,

ETC., ETC., ETC.

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\* Independent College Student.



### A COLLEGE OF COMMERCE.

The establishment of a School or College of Commerce at the University of Wisconsin now seems assured. The practical advantages of such a department were first publicly stated in the inaugural address of Dean J. B. Johnson of the College of Mechanics and Engineering, published in this MAGAZINE for November, 1899, copies of which address were also published and widely circulated by the Board of Regents. The matter was later taken up by the University Board of Visitors, who in a recent report to President Adams and the Board of Regents strongly recommended the establishment of such a school. The idea at once met with the approval of the President, and in a full and carefully drawn report to the Board of Regents he has formally asked that a course of this nature be made a part of the curriculum at the University. In pursuance of the recommendations thus made, the Regents at their last meeting authorized the organization of a College of Commerce as a regular department of the University, to begin at the opening of the next college year, provided there are then funds available for that purpose.

President Adams reviews in detail the reasons and plans for such a school. Both he and the Board of Visitors emphasize the fact that a large proportion of the students, after graduation from the University, go into business; that their instruction at the University gives them no special training for their occupation, and that they are obliged to begin with the most elementary work and with no greater advantage of position than those who lack college training. Both the President and the Board of Visitors believe that by the grouping of some of the studies now given, together with certain other new ones, there can be arranged a course which will prove of very material assistance to all students who intend to enter upon business careers. The education thus offered to young men intending to enter business careers would make the University a much more active factor than it is at present in the progress of society and in the improvement of social conditions. Many persons whose school



days now end with the grammar or the high school would then continue their education in order to be better fitted for their future duties, and many others, who, though they take a partial or full university course for its cultural and social advantages, do so nevertheless with a doubt as to whether such a course is not, practically considered, a waste of time, or even a positive hindrance to after success, would have all doubts removed and would look on their university work as a direct and valuable preparation.

In view of the largely extended opportunities, both domestic and international, that are now opening before the people of this country, the establishment of a School of Commerce at the University is particularly *apropos*. President Angell of the University of Michigan and President Low of Columbia University have both recommended that such courses be established at their respective institutions. The University of California and the University of Chicago have colleges of commerce now in operation, and the University of Pennsylvania has recently inaugurated a group of courses in commerce, diplomacy and international law.

Dean Johnson made a special study of the foreign schools of commerce while abroad last summer. He reports that all the commercial nations of Europe, except England, support these schools, and that England is now taking steps to supply the lack.

All these foreign schools of commerce are supported by three corporations, viz., by the state, by the cities where such schools are situated, and by the boards of trade of these cities. The average annual cost of each of these schools is \$25,000, and so valuable have they proved that Belgium has a law and Germany is considering one which will require all foreign consuls and consular agents of these countries to be graduates of these schools. The extra cost of a School of Commerce at the University of Wisconsin has been estimated at \$10,000 a year. This seems to be a very small sum when compared with the benefits that may be expected to flow from its establishment. The University seems particularly well favored for a commercial

course. Instruction in such necessary modern languages as German, French and Spanish, as also in the several branches of political science, economics, history and law, are now well provided for. There would, however, have to be established comprehensive courses in commercial methods and geography and the resources of foreign nations; also courses in methods of exchange, bills of lading, and foreign and domestic custom house requirements.

President Adams thus states the general subjects to be covered by the proposed course:

"A true commercial education should do everything possible to enlarge the knowledge of the natural resources of our own and of foreign countries; to give some knowledge of the real properties and uses of the materials in which commerce has to deal, or which may be manufactured or used; to explain the fundamental principles of power generation, utilization and transmission, and to give as much knowledge as possible of the commercial laws and regulations of domestic and foreign states. It should also explain the customs and conditions of trade and transportation at home and abroad; the mysteries of finance, and, as far as possible, of the fundamental relations of labor and capital; the methods which foreign peoples employ in their business, and the significance of new inventions along these several lines; current political and commercial history at home and abroad; the economic meaning of the daily transactions revealed in trade and commercial reports; the laws and rules of banking and exchange; the laws and methods of insurance; the various methods of transportation; and, at least for those who desire or intend to engage in foreign trade, a using knowledge of French, German and Spanish."

The proposal for the establishment of a School of Commerce in the University has met with a very general approval, both from the press of the state and from many prominent officials and business men. Governor Scofield is strongly in favor of the scheme and believes that it would prove to be one of the most valuable departments of the University if adopted. Ex-

Regent Johnston and many of Wisconsin's ablest and most influential business men also advocate the establishment of such a course.

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### WHAT IS THE MOST IMPORTANT ELEMENT IN AN EDUCATION?

With the knowledge gained by an attendance of several years at different schools of high reputation, and from the still more searching tests given in that larger university, the school of life, I come to answer this question, not as a novice, but with deep convictions of having reached a correct answer. Had this query been given me for an answer at the end of my course in the University, it might have received a very different treatment. This leads me to believe that some may differ with me now, who in later years will do as I have done—change their minds.

The white oak usually grows with a strong tap-root running down almost vertically beneath the trunk. This root gives the tree a very firm hold upon the earth. The branches, or even the trunk, of the tree may be broken by a severe storm, but the tap-root holds to the last. The other roots running out in various directions near the surface of the ground are important, but in the great tests of existence they are secondary to the tap-root. There is more nourishment in the soil near the surface, and the ease with which the rootlets gather the rich juices from decaying vegetation makes the life of the tree an easy one when all things are favorable. The luxuriance of the tree and the rapidity of its growth depend much on these surroundings. These roots, with the soil in which they grow, represent the outside world in reference to an education. Under favorable conditions, it furnishes a luxuriant and rapid growth, but the continuance of these conditions is uncertain.

As the world regards it, the following are the reasons for a higher education, and when these fruits do not appear, it is thought the tree was not worth its cost. The popularity it brings, the greater ease of earning a living, with the consequently larger number of material comforts, and the satis-



faction of being in advance of the majority of one's fellows, are the principal motives commonly urged in persuading the youth to continue into the higher realms of learning. With no desire to undervalue these incentives for self-improvement, I must still insist on their taking their own relative rank in importance. These are secondary to another motive in getting the best possible education.

We learn in the school of active life that all values are relative. Gold is worth how much? Simply so much more, or less, than something else. This is true of everything found in the catalogue of desirable things. The man, then, who arranges life's possessions in their true order of relative importance, and lives and acts accordingly, achieves a genuine success in the world, whether his pay or popularity be small or great. Taking a suggestion from an old adage, straws might do very well to hang on the mast to show the direction of the wind, but the hold of the ship in which we travel life's ocean had better be stored with wheat rather than with straw.

The great tap-root of the white oak is the main dependence of the tree in the severe tests of its right to live. Through storm and drought, through tropical heat and polar frost, this root holds fast to mother earth and draws nourishment from her bosom.

This tap-root represents the most important element in an education. It is the part that concerns the man himself before the tribunal of his own judgment—his own worth for his own sake; his own integrity for his own life's sake. The applause of the world, and a large cash return for service, are not to be scorned; but they are too fickle to be wooed with such devotion that the life will be wrecked, or its aim even lowered should they give their courted smiles to another. Seek these with the surface roots of life's energy, but keep the great tap-root alive and vigorous for the stability of the inner self, and for the severe tests of the tropical heat and drought, or the arctic frosts of a forgetful world. Sad eyes may look out through palace windows, while a glad heart beats under a cottage roof. The applause of the multitude may fall on ears that are weary

of such empty noise, while the inner life hungers for the companionship of a few tried and trusted friends who seek us for our own worth. That education is priceless, which enables one to smile under the approval of one's own conscience, when the world is silent and sullen where applause is due. Yet to have this power over one's self and surroundings is a part, and I believe the most important part, of an education.

If I mistake not, the tap-root of the white oak is the first to grow and the last to let go its hold on the earth. It lies farthest from the farmer's ax, and from the fluctuations of heat and cold and dryness; and from decay when life has ceased. So with that part of an education which makes a man self-sustained and independent of mere surroundings. Potted plants have their mission in the world, but there is little room for a human species of potted plants. Each for his own sake must be a white oak with its self-poise and strength. Then, whether the oak stand to beautify the landscape, whether its timber be used to warm some family group, or to hang in the rich pendent ceiling of a royal palace, its life is strength and beauty, its end is usefulness. Or like some solitary mountain, seen only by the occasional traveler, the man will be as great, whether known by half the world, or whether his worth be recognized by only a small circle of friends, by himself, and by his Maker.

ALBION E. SMITH, B. D.

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### EDITORIAL.

THE supply of copies of the February issue of the MAGAZINE has been exhausted, and any one who may have received duplicates of that number will confer a favor upon the publication committee by returning the same to the Treasurer. This deficiency in the supply was caused by the unexpected number of subscriptions received during the month. Hereafter it is hoped to provide for the demand more accurately. This, however, does not imply that

more subscriptions are not wanted. They cannot come in too rapidly to please the committee.

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SPECIAL attention is directed to two contributions published in another department of this issue in answer to a question raised by a recent graduate as to whether or not the gulf between students and Faculty is growing greater. This is a matter in which no one is more deeply interested than the alumni, and no



one can feel more concern at the tendency, if it be a tendency, toward a lessening of the professor's personal hold upon his students. The answer to this question must be determined largely by the opinions of those who are in a position to watch the development of the University from year to year, and, as is emphasized by Mr. Brazeau, the period of years spent here by any one student is too short for the formation of a very valuable opinion upon this point. But the discussion of the question cannot but be helpful, if only because it brings to the attention of men in responsible University positions the fact of an impression very widely prevalent outside of University circles. And it is also important that mention should be made, as is done by Prof. Reinsch, of the many avenues of personal contact between students and Faculty members, which may easily escape the notice of those at a distance.

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SOME discussion has been aroused, as usual — though perhaps more noticeably this year than ever before — regarding the Junior Promenade, which has grown to be really a great affair, involving the expenditure of large sums on the part of the committee in charge, and the encouragement of a more or less lavish display by those who take part.

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The subject cannot be fully discussed in the space now at command, but a simple statement of the facts on both sides might not be out of place. On the one hand, the Prom is now certainly conducted on an extravagant scale. The exact expenses of the committee this year have not been disclosed, but they are known to be considerably above a thousand

dollars, which of course must be paid by the comparatively few persons who attended. In addition to this, the competition between individuals and cliques for the mere sake of display causes often an unwarranted expenditure. The inevitable results are two: first, many men spend more than they can afford or have any right to expend; second, a sharp line is drawn between the few who can afford to go and the many who cannot. Both of these things are unfortunate, and especially out of place in a state university.

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This is one side of the question.

On the other side, much may be said in favor of such an annual event as the Prom, if conducted with reasonable moderation. It comes immediately after the mid-year examinations, when the work of the second semester is just beginning and when it cannot be seriously injured by a moderate relaxation. It is at a time, moreover, when some relaxation from the almost uninterrupted work of the year is imperatively needed. The argument that only a minority of the student body attend the Prom would apply equally well to the perfectly informal military hops — in fact to any University affair, as a joint debate or an athletic contest. This is inevitable in a body of students numbering between two and three thousand. Neither would it be reasonable to say that no student should permit himself any enjoyment that all his fellows cannot afford. This would be pure absurdity. Besides, it is not objectionable that there should be one season of the year when a large number of visitors come to the University, are well entertained, and see

the institution and its people at their best. The University can only profit by the visits and inspection of outsiders. It seems, then, that the arguments against the Prom are

legitimately to be directed at its exaggerated and extravagant features rather than at the existence of the institution itself.

## PROGRESS OF THE UNIVERSITY.

### CONVOCATION SPEAKERS.

The following is a list of the speakers at the weekly convocations, with the subjects of their addresses:

September 29—President Adams—Annual address to new students.

October 6—Professor Tomlins of Chicago—Music.

October 13—Professor Tomlins of Chicago—Music.

October 20—President Adams—The present African war.

October 27—Dean E. A. Birge—How to derive most benefit from a college course.

November 3—President Adams—The Hallowe'en affair.

November 10—Professor J. B. Parkinson—Early history of the University.

Professor G. C. Comstock—Meteoritic showers.

November 17—Dean J. B. Johnson—Secondary schools.

November 24—Professor C. F. Smith—The honor system in examinations.

December 8—Professor C. N. Gregory—College spirit.

December 15—Supt. E. Benjamin Andrews of Chicago—Personal Education.

January 5—Dean E. E. Bryant—Characteristics of the American soldier.

January 12—Gen. Harnden—The capture of Jefferson Davis.

January 19—Professor Graham Taylor, of Chicago Commons—Social

obligation and opportunity of culture.

January 26—Professor C. H. Haskins—University traditions.

February 16—Col. H. G. Prout of New York, editor of the *Railroad Gazette*—The English in Africa.

February 23—Prof. F. G. Hubbard—George William Curtis.

### SCHOOL OF EDUCATION.

The School of Education has provided several new courses of study, among them a co-operative course by Professors Stearns, Jastrow, Sharp, and O'Shea, entitled "General introduction to the study of philosophy," being a survey of the problems and principles of philosophy, psychology, ethics and education. This course is intended especially for students desirous of gaining a general view of the problems and methods in these subjects. Dr. Sheldon offers a course in Applied Logic, embracing analyses of argumentative orations and of some scientific treatises, together with practice in constructing argument. Dr. Sheldon also lectures on Herbert Spencer's doctrine of evolution and some of its recent modifications. Professor Jastrow's courses in Experimental and Abnormal Psychology are resumed after his absence last year. While away he contributed largely to the *Dictionary of Philosophy and Psychology*, edited by Professor Baldwin, and now in press. Most of the articles on ab-

normal psychology in this monumental work of the leading European and American scholars were confided to Professor Jastrow. Professor O'Shea has been invited to deliver courses of lectures at Cooper Union, New York, and before the Brooklyn Institutes of Arts and Sciences. He has an article in the December number of the *Popular Science Monthly* on "Mental Fatigue;" in the *Cosmopolitan* on "Training the Young;" and in the *Manual Training Monthly* on "Aspects of Manual Training."

#### DAIRY COURSE.

The dairy course for this term closed on February 22. The enrollment has been the largest since the organization of the School, including 120 students. Fully seventy-five per cent. of those who have attended have accepted good paying positions with creameries or cheese factories, the demand actually outrunning the supply.

Mr. Jennings, the architect, is working on plans that contemplate an addition to the north end of the Dairy Building, which will extend almost to the new central heating plant, leaving only room enough for a driveway between.

In this addition will be located the cheese room, where will be taught the manufacture of Swiss, brick and limburger cheese, as well as the cheddar. The artificial refrigerator plant, the pasteurizing room and the butter-working and printing departments will be found here. The instruction in farm dairying will be given in the second story of the annex.

#### NEW REGENTS.

Gov. Scofield has appointed ex-Gov. George W. Peck of Milwaukee and George F. Merrill, '72, '73 /, of

Ashland, to membership on the University Board of Regents to succeed John Johnston of Milwaukee and J. A. Van Cleve of Marinette, both of whom declined a re-appointment. Senator J. H. Stout of Menomonie, whose term also expired, was re-appointed.

#### SPECIAL LECTURES.

The abandonment of the system of required synoptical lectures has been followed this year by a number of courses of public lectures by distinguished scholars. The convocation addresses at the regular Friday meetings of Freshmen and Sophomores have been given by visiting speakers as well as by officers of the University. A list of convocation speakers is given in another column. In addition, special lecture courses have been arranged and in part already begun. In the absence of Professor Haskins this semester, Professor Jewett, of the University of Minnesota, is giving a course of five lectures, on successive Mondays, on "Mohammedanism," and Professor H. Morse Stephens, of Cornell, is to give a course on "Colonial Politics." Professor Freeman's absence led to the securing of brief courses of lectures in English literature from Professor Trent, of the University of the South, and Professor Corson, of Cornell University. Professor Dean C. Worcester of the University of Michigan, a member of the Philippine Commission, lectures under the auspices of the Oratorical Association, February 21, on the Philippines.

The College of Mechanics and Engineering announces the following special lectures for this year:

"The Hydraulics of the Great Lakes," January 19, C. B. Stewart, C. E., U. S. assistant engineer.



"Engineering Schools and Industrial Progress in Germany," January 26, B. A. Behrend, E. E.

"The Engineers and the Railroads," February 16, Col. H. G. Prout, C. E., editor *R. R. Gazette*, New York.

"The Manufacture of Portland Cement," February 23, R. C. Carpenter, M. E., professor of experimental engineering, Cornell University.

Illustrated lecture on "Mexico," March 2, W. J. Karner, Chicago.

"The Chemical Engineer," March 9, Magnus Swenson, '80, M. S., Chicago.

"The Government Work in the St. Paul District," March 23, A. O. Powell, C. E., U. S. assistant engineer.

"The Water Supply of Rockford, Illinois," March 30, D. W. Mead, C. E.

"Three-phase Railway Work," April 6, W. B. Potter, E. E., engineer railway department, General Electrical Company, Schenectady, New York.

"Mechanical Ventilation and Heating," April 20, W. B. Snow, M. E., of the B. & F. Sturtevant Co., Boston.

"Some Recent Economic Events," April 27, George B. Leighton, President Los Angeles Terminal Railway, St. Louis, Mo.

#### NOTES.

The Faculty have voted in favor of the establishment at the University of an appointment committee similar to those of Harvard, Columbia, Michigan and other universities. These committees collect evidences of the fitness of university students and graduates for teaching positions, and aid them in securing positions which they are qualified to fill. The details of this important departure are now being worked into shape.

Professor Van Hise, now in Washington, recently delivered an address before the American Institute of Mining Engineers, on the "Principles of Ore Deposition."

Professor Wood has been invited to address the Royal Society of London; this is a distinguished honor.

Professor Louis Kahlenberg has in the January number of the *Journal of Physical Chemistry* an article on "The Relation of the Taste of Acid Salts to the Degree of Dissociation."

### ON THE HILL.

#### "FRESHMAN DEC."

The Freshman declamation contest was held Feb. 10, and resulted in Miss Nettie Pyre of Madison receiving first place and Mr. R. Robert Kahn of Milwaukee taking second. The contest was close and brought out some remarkably good declamation from those taking part. The audience was large and enthusiastic.

#### NEW FRATERNITY.

Delta chapter of Phi Chi fraternity, a pharmacy brotherhood, was

organized February 10, the installation ceremonies being performed by Mr. Frank Hitchcock, fellow in pharmacy, of Madison, and Mr. U. S. Abbott, of Chicago, members of Alpha chapter at Ann Arbor, Mich., assisted by Mr. R. Lindbaum of Chicago, and Messrs. W. E. Howe and Claude W. Geiger, both of Pueblo, Col. The charter members of the fraternity are: Harry Klueter, class of 1900, Madison; Alexander Krembs, 1901, Stevens Point; F. W. Eighmy, 1900, McFarland; R. J.



Strauss, 1900, Appleton; E. A. Showalter, 1900, Milwaukee; A. N. Tandvig, 1900, Madison; F. H. Hatton, 1900, Madison; T. G. Windes, 1901, Oak Park, Ill.; and A. H. Woltersdorf, 1900, Columbus. The honorary members of the fraternity are Dr. Edward Kremers, '86 *ph*, director of the School of Pharmacy, William O. Richtmann, '94 *ph*, instructor in practical pharmacy, and Oswald Schreiner, '97 *ph*, assistant instructor in pharmaceutical technique. This is the fourth chapter of Phi Chi established in this country, the three other chapters being at Michigan, Northwestern and New York City universities.

#### JUNIOR PROM.

The annual Junior Promenade occurred Feb. 16, and passed off with even more than its usual success. The attendance was larger than ever before, fully two hundred and fifty couples being present, including an unusually large proportion of out-of-town guests. In connection with the Prom itself, numerous house parties and the usual receptions and other social functions were given. The festivities of Prom week mark the end of any pronounced social activity until after Lent.

The decorations with a few exceptions were on the same general plan as those of previous years. The color scheme was white and red, ornamented with a profusion of electric bulbs. The Armory Hall was canopied with white, and at the north end was arranged an elaborate canopy for the use of the receiving party. The scheme of having boxes along the sides of the hall introduced last year was again followed. One distinctive innovation was the placing of the orchestra in a stand supported from the girders above. The

effect produced was decidedly unique. The music itself was furnished by Krell's orchestra of Chicago. The combination of decorations, music and general arrangements was a very happy one, and much credit is due to the members of the committee which had the affair in charge.

The patronesses were: Mrs. Charles Kendall Adams, Mrs. Lucius Fairchild, Mrs. George H. Noyes, Mrs. John Johnston, Mrs. Breese J. Stevens, Mrs. John Winans, Mrs. William W. Daniells, Mrs. David B. Frankenburger, Mrs. Harry B. Hobbins, Mrs. Charles G. Riley. The guests were received by Regent and Mrs. Breese J. Stevens, Prof. and Mrs. W. W. Daniells, Prof. and Mrs. D. B. Frankenburger, Capt. and Mrs. C. A. Curtis, Dr. and Mrs. F. H. Edsall, Mrs. John Winans of Janesville, Mrs. George H. Noyes of Milwaukee and Miss Annie Crosby Emery. Boxes were provided for the receiving party and the patronesses.

#### AGRICULTURAL DEBATE.

On the evening of Feb. 16 occurred the newly instituted joint debate between the students of the short course in agriculture and the dairy students. The question discussed was:

"Resolved, That co-operation of farmers in manufacturing dairy products, in buying supplies and in selling produce is more beneficial to them than independent action. Co-operation is understood to be a union of persons for conducting business in common."

The judges were: Rev. E. G. Updike, E. Ray Stevens, '93, '95, and Professor A. A. Bruce, '90, '92, *z*.

The speakers on the side of the affirmative were H. C. Bell, W. I.

Niven, and A. L. Stone; the negative was upheld by D. C. Whitney, L. C. Crowell, and J. C. Moore.

The decision was in favor of the affirmative, as supported by the short course representatives. It was received with great enthusiasm, much after the manner of the historic debates between the Hill societies.

#### DEATH OF A STUDENT.

The sudden and unexpected death of Albert W. Lawrence, of Lomira, Dodge County, occurred Feb. 18. He was a freshman in the English course, was a conscientious worker, and was universally liked by his classmates and instructors.

#### GRADUATE CLUB.

On account of the examinations, the first meeting of the club for February was postponed to Saturday evening, February 10. The club was addressed by Prof. C. A. Van Velzer, the subject of his talk being the present status of mathematical study in the United States.

The second meeting of the month was held on Friday evening, February 23. The speaker of the evening was Miss Louise Phelps Kellogg, who described her experiences in Paris, where she has spent some time.

#### SENIOR OFFICERS.

The senior class election of officers to serve through Commencement occurred Monday, February 19, the following officers being chosen: Clarence D. Tearse, president; Helen H. Warriner and Edward A. Hook, vice-presidents; Joseph Koffend, secretary; and Ernst von Briesen, treasurer.

The seniors of the School of Pharmacy held their class election Fri-

day, February 16, with the following results: president, Albert N. Tandvig; vice-president, Miss Carolyn C. Thomas; secretary, George A. Shields; treasurer, Harry Klueter.

#### PHYSICS JOURNAL CLUB.

All professors and instructors in physics are members of this club, and the seniors in the physics group are likewise supposed to attend the meetings, which are held every Thursday afternoon at five o'clock. Each one of the professors and instructors is required to present a paper before the club at least once during the year, preferably on some new discovery. The following papers have been presented thus far: by Prof. Snow, "Contact electricity;" by Prof. Wood, "Bodies smaller than atoms;" by Mr. C. M. Smith, "Some recent research in astrophysics;" by Mr. Shedd, "The platinum thermometer;" by Mr. Stangel, "Conductivity of heat in poor conductors."

#### MUSICAL AND DRAMATIC CLUBS.

The University Musical and Dramatic clubs made their initial appearance at Evansville, February 20, before a most enthusiastic audience. A two-act comedy, "The Professor's Daughter," was given as a curtain-raiser and was enthusiastically received, the players being obliged to respond to curtain calls at the end of each act. The musical program this year contains the usual variety of numbers by the mandolin and glee clubs, as well as vocal and instrumental solos.

On Friday and Saturday evenings, February 23 and 24, the clubs appeared at Beloit and Janesville respectively, meeting with an equally hearty welcome.

The home concert of the clubs

was given at the Fuller Opera House, Saturday evening, March 3. They were greeted by a large and appreciative audience. The work done by all who took part showed the result of unusual care and thoroughness in preparation, and the management are to be congratulated on the success of their efforts this year. The old-time musical program, pure and simple, has lost its former popularity, and many attempts have been made to find a substitute, but thus far with very doubtful success. The combination of a short dramatic production with some of the best musical features seems to be the solution of the difficulty, for a few years to come at least. "The Professor's Daughter," which was staged under the direction of Mr. Walton Pyre, is one of the most enjoyable pieces of amateur theatricals that has been seen in Madison. The Ladies' Glee Club were received, as they always are, with enthusiastic applause.

Those who took part in the play were the following:

Edwin A. Snow, Walton H. Pyre, J. Bartow Patrick, Francis H. Crosby, Chauncey Blake, Clifford C. Ireland, and Clarence D. Tearse.

The membership of the clubs is as follows:

Glee Club: director, Prof. F. A. Parker; leader, Wayne T. Moseley.

First tenor, Wayne T. Moseley, Albert C. Ehlman, John C. Watson, Herman T. Meinert.

Second tenor, Philip L. Spooner, John S. Main, Howard G. Boardman, J. Bartow Patrick, Gustav Fernekes.

First bass, Harry H. Hobbins, Harold S. Peterson, Allan T. Pray, Stuart E. Washburn, Elias R. Williams.

Second bass, Francis H. Crosby, Howard R. Smith, Clifford C. Ireland, Lehman P. Rosenheimer.

Mandolin Club: director, Hjalmar O. Anderson; leader, Sidney C. Niles.

First mandolin, Hjalmar O. Anderson, Sidney C. Niles, Stephen C. Phipps, Joseph G. Dillon, Edward D. Jenner, Fred A. Landeck.

Second mandolin, Claude S. Beebe, Chauncey E. Blake, Oliver S. Andresen, Gustav F. Ruediger, Robert Smith.

Guitar, Beach W. Maguire, Albert J. McCartney, Osmand M. Jorstad, Otto F. Wasmansdorff.

Violin, William M. Biersach.

'Cello, Albert C. Ehlman.

Flute, Walter K. Adams.

Girls' Glee Club: First soprano, Anna Gapen, Edith Balsley, Francis Main, Daisy Wentworth, Cordelia Newton, Edith Rumsey.

Second soprano, Blanche Clarke, Laura Sage, Minnie Perry, Harriet Sawyer, Annie Scribner.

First alto, Edith Patten, Esther Donnelly, Elsie Sawyer, Lela Anderson.

Second alto, Katharine Swain, Bessie Baldwin, Phoebe Buell, Miss Schwartz, Inez Kneilands.

The manager of the clubs is John S. Main; assistant manager, Francis H. Crosby.

#### PROF. WORCESTER'S LECTURE.

On February 21 a very interesting lecture on the Philippines was delivered in Library Hall by Prof. Dean Worcester of the Philippine commission, under the auspices of the University Oratorical association. A four years' residence in the islands has made him thoroughly conversant with their life and conditions, and he gave a very entertaining ac-



count of their beauty and resources, and of the character of their inhabitants, illustrating his lecture with lantern-slide views. He said that the confidence of the natives had been betrayed so many times that they had absolutely no faith in any promises from any source. He described them as being entirely unfitted at present for the administration of government. A large audience greeted the speaker.

#### SELF-GOVERNMENT ENTERTAINMENT.

The Self-Government Association gave an entertainment at Ladies' Hall, Thursday evening, February 22, which consisted of a rendition of the cradle songs of all nations. The entertainment was well gotten up and received the patronage it merited, the gymnasium being filled beyond its seating capacity. The proceeds were about forty dollars, a part of which goes to pay some expense incurred in the art exhibit.

#### AGRICULTURAL STUDENTS' EXCURSION.

The second year students of the College of Agriculture went to Chicago Thursday, February 22, to visit the Union Stock Yards by invitation of the Union Stock Yards Company. They were accompanied by Prof. W. L. Carlyle. The horse pavilion of Newgass and Son, and the Oak Lawn farm at Wayne, Ill., were also visited, and the party returned to Madison Saturday afternoon.

#### GEORGETOWN DEBATE.

The challenge for a debate between the College of Law and the Georgetown law school has been accepted, and the following team chosen:

Theodore W. Brazeau, '00, William S. Kies, '02, and William H. McGrath, '00.

Messrs. Brazeau and Kies are members of the Forum, and Mr. McGrath is a member of Columbia.

#### SELF-GOVERNMENT ELECTION.

At a meeting of the Self-Government Association, held February 23, the following nominations were made for officers of the association:

For president, Frances Wilcox, '01, Clara Stillman, '01.

For secretary, Nora McCue, '02, Bernice Ballard, '02, Sarah Seeber, '02.

Annie Caulkins, '01, was elected vice president.

The balloting for officers closed February 28, Miss Clara Stillman being elected president and Miss Bernice Ballard, secretary.

Plans are now being made for a series of monthly receptions, to be held at Ladies' Hall.

#### CLASSICAL CLUB.

The Classical Club, which has been holding meetings regularly during the year, has thus far confined its work to the reading of Homer.

#### ATHLETICS.

On Saturday, February 24, the second of the indoor track meets was held in the Gymnasium, the event being given an added interest by the presence of fifteen of the pick of Beloit's track candidates, who, however, failed to gain better than one or two second places. The meet clearly demonstrated the quality of the freshman class athletes, whose showing was such as to make clear that future Wisconsin track teams are to be winners, even



if the 1900 aggregation does not land the western championship. Such a contingency is hardly to be expected, for track men do not as a rule develop in their first, nor frequently in their second year. Coach Kilpatrick has, however, done well with the new men at his command. The results were as follows:

35-Yard Dash—G. L. Gust, first; H. F. Helmholtz, second; George Senn, third; time 4 1-10 seconds.

35-Yard Hurdle—F. J. Saridakis, first; George Senn, second; time 5 seconds.

Half Mile Run—H. Wright, first; J. C. Stevens, second; W. C. Burdick, third; time 2:21 3-5.

One Mile Run—J. F. Hahn, first; J. F. Bachelder, second; Morey of Beloit, third; time, 5:00 3-5.

440-Yard Run—William Juneau, first; D. Beebe, second; time, 1:01 3-5.

Running High Jump—W. J. Bishop, first; Lloyd of Beloit, and Paul Schule, tied for second place; height, five feet six inches.

Pole Vault—W. J. Bishop, first; Grey of Beloit and E. M. Muckleston, tied for second place; height 9 feet 6 inches.

Shot Put—E. B. Cochems, first; Merrill of Beloit, second; distance 36 feet 8 inches.

Mile Walk—Capt. J. Bredsteen, first; H. Young, second; time 7:18.

Relay Race—Wisconsin won; time, 3:07 3-5.

Of these men, Wright, Hahn, and Saridakis showed improved form in their events, and Captain Bredsteen's work in the walk was almost perfect. Others whose work was especially creditable were Bachelder, Bishop, McGowan, and Juneau. Eddy Cochems' performance in the shot put indicates that with a sea-

son's training he should be a strong point-winner in that event, in which there is a great dearth of good men in the West this year. Had Cochems trained for the event since he came to Wisconsin, he would come very near filling the place his elder brother occupied in the shot putting line. On the whole the work of the new men was excellent, but too much should not be expected from new material.

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On the same day the annual election of the officers of the Athletic Association took place, with the result that President Chamberlain was re-elected by acclamation, Mr. Sutherland, captain of the '99 crew, was made vice-president over Walter Alexander, and M. S. Klauber was re-elected treasurer by acclamation.

The following board of directors was chosen: faculty members, Professors R. M. Bashford, A. A. Bruce and C. R. Van Hise; alumni member, A. L. Sanborn; regent member, B. J. Stevens; student members, Arthur Curtis, B. J. Husting, James J. Bowler, H. H. Thomas, A. F. Larson, A. R. Anderson, P. L. Chamberlain, H. J. Peele, P. J. O'Dea, J. J. Coyle.

No other business was transacted.

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Perhaps the most gratifying piece of news of the month is the announcement that Phil. King has accepted the offer made by the Athletic Association to coach both football and baseball teams, and he will receive \$3,500 a year for his services. Mr. King will assume charge of the baseball squad about March 1.

The season is not yet sufficiently far advanced to make it possible to say more about the baseball team than that the squad is the most

promising in some years, and under Mr. King's direction something gratifying may be expected from them. Nearly all of last year's nine are in college, and there is quite an amount of new material. Arthur Curtis, who played first base last year, has been elected captain and should make an excellent leader.

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It is in the affairs of the crew that there is the greatest present activity. Mr. O'Dea has forty freshmen working in the tank under his personal direction, and the same men do setting up exercises at present under the direction of the coxswains in the Gymnasium, and are running also as a means of bringing up their endurance. It will be Mr. O'Dea's policy this year to keep all the men at work as long as possible. To that end no further reduction will be made in the squad until well into the spring. For the 'Varsity, six of the '99 crew are in college, and other candidates of experience will bring the number of the 'Varsity squad up to twenty-four men. Class races and other competitions will be adopted for keeping up the interest and giving racing experience to the men. In all probability the gigs and extra boats will be used for some racing between fraternities, societies, etc.

The 'Varsity will enter the quad-

angular race at Poughkeepsie in June, and the freshmen will be taken if their showing warrants it. In addition, the freshmen will probably have a race with St. John's Military Academy.

\*.\*

Mr. O'Dea's boxing classes, which number in the aggregate about sixty students, are showing great interest in the sport, and some of the men are developing decided cleverness. The sport is worthy of the interest shown.

\*.\*

The annual gymnastic entertainment to be held this month will be the best ever given at the University. Tumbling, all kinds of heavy apparatus work, and class drills will be the features.

\*.\*

On the third of March the track team will compete at Milwaukee, in the annual indoor championships of the Central Association of the A.A.U., meeting the University of Chicago, Notre Dame University, and the strongest club athletes of the West. It will be valuable experience for the team. The team will this year, in addition to the regular W. I. A. A. meet, June 2, compete against Illinois and Chicago in dual meets, the latter to be in Madison on the forenoon of the interscholastic event, May 26.

## AS OTHERS SEE US.

## WORDS FROM SUBSCRIBERS.

"I am very much pleased with the magazine."

"It certainly deserves the support of the alumni."

"We find the magazine very interesting."

"First copy of the ALUMNI MAGAZINE was received yesterday, and I forward subscription price to you promptly, as it looks like a good sample."

"Your magazine is interesting. It comes like a letter from home."

"I have enjoyed very much reading the copies received."

"We are interested in the magazine and wish for its success."

"I think it is a good thing that I shall enjoy having."

"The magazine is very interesting, and I was especially pleased to see that the picture of old Main Hall had been retained."

"I have just finished reading the ALUMNI MAGAZINE for this month and am so much pleased with it and the previous copies that I want to tell you so. The magazine is well edited, well printed, contains interesting matter, and is in every way a publication that any U. W. man should be proud of."

"I congratulate you upon your good work. The magazine is a great credit to the University."

"I have read the numbers thus far published with interest and am al-

ways pleased to learn of the increasing strength of the University and the progress of its alumni."

"I am very much pleased with it and hope it may succeed."

"In no way can I get so much that is interesting to me for so little."

"I like it all, both outside and in. I am associated with graduates of many colleges, both east and west, and two from abroad; all agree in pronouncing it first-class. It fills a long-felt want."

"I much appreciate the periodical as well as the enterprise and kindly interest manifested in its publication."

"The solid character of the ALUMNI MAGAZINE appeals to me, and I am glad to give it my support."

"I want the WISCONSIN ALUMNI MAGAZINE and will pay for it as long as I live."

"It deserves the patronage of every loyal alumnus."

"Enjoy the magazine very much and think it a step in the right direction."

"The alumni committee are certainly greatly to be congratulated on the success of the magazine."

"I think the magazine a great success and always welcome its monthly appearance."

"The magazine is a *big* success. We await with watery mouths almost its monthly bill of fare."



## NEWS FROM THE ALUMNI.

## WASHINGTON ALUMNI ASSOCIATION.

Fourteen graduates of the University of Wisconsin resident in Washington met in the parlors of Senator John C. Spooner, '64, at the Arlington, Friday evening, February 9, to organize a local alumni association as a branch of the general association. An organization was effected, a constitution adopted, and the following officers were chosen: president, ex-Governor Alexander C. Botkin, '59, of Montana; vice-presidents, Senator J. C. Spooner and Gen. A. C. Parkinson, '70; secretary and treasurer, T. L. Cole, '71; historian, Prof. Milton Updegraff, '84, of the naval observatory; additional members of the executive committee, Prof. S. J. Brown, Otto Bosshard, '98, and George S. Wilson, '94, secretary of the Associated Charities. Others present at the meeting were; Congressman J. J. Esch, '82, '87 /; Frank W. Holt, '85; Julius H. Andree, '89 /; Frederick W. Winter, '87; J. C. Hanson, late cataloguer of the University library; George B. Nelson, '98. Secretary Cole estimates that there are thirty-seven residents of Washington who are eligible to membership in the association. A reunion and banquet will be held in the near future.

## U. W. ALUMNI AT JOHNS HOPKINS UNIVERSITY.

The following list was kindly furnished by Adelaide Dutcher, '97:

Johns Hopkins Hospital—

Joseph C. Bloodgood, M. D., '88, assistant surgeon.

John Arthur Luetscher, M. D., '95, resident house officer.

John Lawrence Yates, '95, resident house officer.

Johns Hopkins University—

William B. Huff, '89, graduate student in chemistry and electricity.

Johns Hopkins Medical School—

Clarence F. Hardy, '91.

George McGregor, '94.

Charles H. Bunting, '96.

Roland F. Hastreiter, '97.

Adelaide Dutcher, '97.

Henry W. Ochsner, '98.

Frederick J. Gaenslen, '99.

Frank H. Watson, '99.

Victor H. Bassett, lately assistant in the chemical laboratory.

## U. W. ALUMNI AT HARVARD.

E. H. Cassels, '95, kindly furnishes the following list of Wisconsin people at Harvard:

Graduate School—

F. H. Miller, '91.

F. M. Tisdell, '93 /.

Special investigator and lecturer on plant physiology—

R. H. True, '90.

Law School—

H. F. Cochems, '97.

R. M. Jackman, '97.

H. S. Markham, '99.

G. A. Meeker, '99.

J. P. Weter, '98.

E. H. Cassels, '95.

Dental School—

Charles Warner, ('99).

Mr. F. M. Tisdell, who was instructor in elocution, '91-3, holds a Morgan fellowship and is doing graduate work in English and comparative literature.

## ALUMNI AT THE STATE BAR MEETING.

At the annual meeting of the Wisconsin State Bar Association, held at Madison February 12 and 13, an



important report was submitted by the committee on legal education, consisting of George H. Noyes, '73, '74 Z, of Milwaukee, Joshua Stark of Milwaukee, Judge George C. Grimm of Jefferson, and Eugene W. Chafin, '75 Z, of Waukesha. The report recommended that the period of legal study required of all students presenting themselves before the state board of examiners should be not less than three years. It also recommended the adoption of a code of professional ethics.

Addresses were given before the association by Gen. E. E. Bryant, dean of the College of Law and president of the association, on "Law reform;" by Warren D. Tarrant, '90, '92 Z, of Milwaukee, on "Loose professional habits;" by E. Ray Stevens, '93, '95 Z, of Madison, on the "Origin and growth of the rights of accused persons;" and by Stephen S. Gregory, '70, '71 Z, of Chicago, on "The Louisiana purchase."

Stanley C. Hanks, '94, of Madison, was re-elected treasurer of the association.

#### DANE COUNTY TEACHERS' ASSOCIATION.

The second annual meeting of the Dane County Teachers' association was held at Madison February 17. Among the papers and addresses on the program were the following:

Address by T. T. Blakely, '96, president of the association.

Address by W. N. Parker, '90, assistant state superintendent.

Discussion of the topic, "Are the common schools graded in accordance with the manual for common schools?" Thomas S. Thompson, '96, ex-county superintendent of schools for Dane county.

Lecture, "The Philippines," Prof. Paul S. Reinsch, '92, '94 Z.

Talk, "Expressive Reading," Prof. D. B. Frankenburger, '69, '71 Z.

Paper, "Frictional vs. current electricity," Prof. B. W. Snow.

"Lesson plans for common schools," Supt. L. D. Harvey.

"Some suggestions in teaching history, with special reference to upper form work," Prof. F. W. Meisnest, '93.

#### SHORT COURSE ALUMNI.

The annual meeting of the short course alumni association was held at the University, Thursday and Friday, February 8 and 9. The meetings were held in the assembly room of University Hall.

The first business meeting was held Thursday afternoon, at which the following officers were elected:

President—R. Crossfield, Ft. Atkinson.

Secretary—W. H. Hanchett, Sparta.

Treasurer—S. H. Marshall, Madison.

Vice-presidents—One from each state represented in the association.

At the meeting Thursday evening, a program of musical numbers and recitations was rendered.

At the Friday afternoon session, President C. O. Ruste, of Blue Mounds delivered the annual address, after which the subject of county fairs was taken up by William Laub, who discussed the points of organization and administration. The dairy part was presented by H. C. Burchard, and the subject of stock judging was handled by Grant Owens. A general discussion was indulged in by other speakers which brought out many good ideas in regard to the matters under consideration.

"Making new roads" was assigned to R. Crossfield, and his presentation

of the subject provoked much valuable discussion.

"Northern Wisconsin, its prospects and possibilities," were suggested by A. C. Price and H. H. Hanchett, followed by others.

The last session, on Friday evening, was very largely attended. Music was furnished by the short course band, the members of the association, and members of the short course literary society, and recitations by Mr. Thomas and Miss Mary C. Whitmore. The meeting was addressed by Prof. W. A. Scott, in place of Pres. Adams, who was unable by reason of illness to be present. A paper was read by J. W. Hutchinson on the importance of education for the farmer boy. About thirty alumni were present at the reunion.

#### PERSONAL NOTES.

All secretaries of classes or of Wisconsin alumni associations or clubs are requested to send their addresses to Florence E. Baker, 135 W. Gilman St., Madison, Wis.

At the February meeting of the Madison Literary Club, Prof. Rasmus B. Anderson, '85 *h*, presented a paper on "The Teutonic epic." Prof. Anderson also spoke at MacFarland, March 1, on "Our Norwegian heritage."

Ex-President John Bascom has an article in a recent issue of the Springfield (Mass.) *Republican* on William J. Bryan.

Prof. E. S. Goff was among the speakers at the meeting of the State Horticultural society in Madison, February 7 and 8. His topic was the American plum.\*

Cards have recently been received announcing the marriage of Miss Mabel Holden, daughter of Prof. E. S. Holden, to Dr. Thomas S.

Kirkbride, of Philadelphia. Prof. Holden was from 1881 to 1885 director of Washburn observatory and professor of astronomy at the University, and is now the astronomer at the Smithsonian institution at Washington.

Prof. Edward D. Jones has been appointed on the international jury of the Paris exposition. Prof. and Mrs. Jones sailed from New York for Paris, February 14.

Among those who spoke at the annual convention of the Wisconsin Dairymen's Association held at Wauertown, February 13-16, were Dean W. A. Henry, Professors F. W. Woll, E. H. Farrington and W. L. Carlyle, Nicholas Thauer, '93 *z*, and instructors E. L. Aderhold and U. S. Baer.

Prof. N. O. Whitney's health has so far improved that he was able to resume his University work at the opening of the second semester.

Regent Ogden H. Fethers of Janesville has been appointed by President McKinley one of the United States commissioners to the Paris exposition.

Pres. Adams has been confined to the house for several weeks by serious illness, but is now steadily improving.

Among the speakers at the pro-Boer meeting held at Madison Feb. 15 were Dr. Clarke Gapen, '87 *z*, Prof. R. B. Anderson, '85 *h*, Bryan J. Castle, '90 *z*, and George W. Levis, '93 *z*.

Mrs. Mary Tupper Cole, wife of Capt. James A. Cole, '90 *z*, professor of military science and tactics, '88-91, died at Portage, Wis., Jan. 27, 1900. For about five years she has been a confirmed invalid, but throughout her hopeless illness she evinced the same sweetness of temper and cheerfulness which so endeared her to her many friends in Madison,

Capt. Cole has spent as much time with her as his military duties would permit, but was at Ft. Apache, Arizona, where he was in charge, at the time of her death. Besides her husband, she leaves one son, four years of age. Professors F. J. Turner, W. H. Hobbs and W. H. Williams went to Portage to act as pallbearers at the funeral January 31.

'53.

Elisha W. Shinner, '53 *pref*, read a paper on "Woman, the better man," before a Sioux City literary club, February 6. He is in the real estate business in Chicago, and his home address is 534 Judson ave., Evanston, Ill.

'64.

John S. Ball, husband of Ellen M. Bloom, *sp.* '64-65, died at Monroe, Wis., February 11, after a lingering illness. Three children survive him.

At the annual meeting of the Northwestern Electrical Association held at Milwaukee, January 17-19, Pliny Norcross, ('64), was elected president for the ensuing year. Mr. Norcross is president and chief owner of the Janesville, Wis., Electric Company. He is 61 years old and was born in Massachusetts, but since his fifteenth year has lived in Wisconsin. He attended the University during part of 1860 and 1861, enlisted in 1861 in the 1st Wisconsin Volunteers, and later became captain in the 15th Wisconsin Volunteers. Since 1865 he has lived in Janesville, where he served as district and city attorney for a number of years. He has twice been in the state legislature as assemblyman, but in recent years he has devoted himself to his manufacturing interests, giving most of his time to his electrical business, although he is one of the owners of a large flour

mill in Janesville. He was one of the early members of the association which has honored him. At this meeting, papers were read by Professors Jackson and Richter of the University.

'71.

Prof. C. N. Gregory, '71, '72 *L*, represented the University at the dedicatory ceremonies of the new law school of the University of Pennsylvania, held at Philadelphia February 21 and 22.

'72.

E. P. Vilas responded eloquently to the toast, "The memory of Lincoln," at the banquet of the Loyal Legion in Milwaukee, held February 7.

'73.

James W. Bashford, president of Ohio Wesleyan university, recently lectured in Madison, giving the concluding lecture in the Methodist course.

'74.

The question as to whether the appointment of Judge O. T. Williams, '74 *L*, was for the remainder of the unexpired term of Judge Sutherland, or only until the next judicial election, was referred to the attorney general for an opinion, and he holds that the appointment was for the remainder of the term, that is until 1903.

'76.

L. K. Luse, '76 *L*, is in charge of the Superior office of Sanborn, Powell & Luse.

'78.

Richard Franklin Pettigrew, '78 *L*, who, as one of the very few Filipino sympathizers in the U. S. Senate, is now attracting much public attention, is probably the first Wisconsin alumnus to rise to the dignity(?) of serving as a subject for a cartoon in *Harper's Weekly*. He has been in



many ways a typical western politician. Born in Ludlow, Vt., in 1848, he came at the age of six to Wisconsin, where he was educated at Evansville Academy, Beloit College, and our own law school. He went to Dakota in 1869 as a laborer in the employ of a U. S. deputy surveyor, and located at Sioux Falls, where he engaged in surveying and the real estate business. He began the practice of law in 1872 and graduated from the law course of the University in '78. His political career has been an uninterrupted rise, from membership in the Dakota legislative council through the positions of delegate in Congress, member of the South Dakota constitutional convention, and member of the territorial council, up to United States senator, which position he is now filling for the second term. In political beliefs he is a silver Republican and an ardent supporter in every way of Aguinaldo. His position in this last respect has for the first time brought him prominently into the public eye (where he is proving to be rather too much of a cinder), and has led to the cartoon referred to above. (See *Harper's Weekly*, February 10.) In this, under the heading, "No room for him in the eagle's nest," he is shown as being thrown out of the nest, while below is the quatrain:

"This leader and his carping crew,  
The wise avoid them both.  
The folk that follow Pettigrew  
Will have a petty growth."

'80.

Capt. A. O. Powell is now U. S. engineer in charge of the government lock and dam on the Mississippi river below Minneapolis. At the last meeting of the Civil Engineers' Society of St. Paul—on Jan.

15—he was elected president for the next year.

'81.

John Brennan, '81 *l*, recently argued before the attorney general at Washington the famous "Section 30" case, which deals with lands near Tower, Minn.

Memorial exercises were held in the Wisconsin Supreme Court, February 12. Judge R. G. Siebeck, '78, '80 *l*, and Hon. R. M. La Follette, '79, presented memorials for S. A. Harper, '81 *l*, the latter being the one presented at a recent Dane county bar meeting. Justice C. V. Bardeen, '75 *l*, made response on behalf of the court.

Howard L. Smith, '81, '85 *l*, has been elected recording secretary of the Iroquois club of Chicago.

'82.

Dr. O. E. Hagen, who since 1891 has had charge of the department of modern languages in the University of South Dakota, has this year been transferred to the classical department of the same institution.

Mrs. John M. Tenney died on February 4, when on a sea voyage between Seattle and Juneau, Alaska, where Mr. Tenney, '82 *l*, is collector of the port. She was buried at Madison, February 25.

'83.

F. W. Hall is giving a series of six lectures before the Biblical section of the College Endowment Association of Milwaukee.

C. O. Marsh is proprietor of the *Antigo Republican*, Antigo, Wis.

'84.

Adj.-Gen. C. R. Boardman was elected president of the Wisconsin National Guard Association at its recent annual session in Milwaukee.



'85.

C. J. Earll, ('85), is a consulting engineer with offices at 120 Broadway, New York city.

Mayor Hoven of Madison has appointed John L. Erdall, '85, '87 /, as police and fire commissioner to succeed A. L. Sanborn, '81 /, resigned.

'86.

George W. Brown is civil engineer of the government works at Dry Tortugas, Fla.

Spencer Pease, the eleven year old son of Lynn S. and Emma (Nunns) Pease, who is editor and publisher of "*Pease Porridge Hot*," was recently elected a member of the Wisconsin Editorial Association.

'87.

Mrs. Kate H. Pier, '87 /, and Harriet H. Pier, '91 /, were admitted to the bar of the U. S. Supreme Court at Washington, February 1.

'88.

W. W. Cutler is in the insurance business at Spokane Falls, Wash.

Prof. H. L. Russell and Prof. Smith of Beloit have been making an analysis of the Eau Claire water supply for use in pending litigation in that city.

'90.

Prof. A. A. Bruce, '90, '92 /, addressed the Madison Woman's Club, February 16, on "The civic conscience," describing the conditions of child labor in the factories of the large cities.

Among other regular army appointments sent by President McKinley to the Senate, February 21, was that of Capt. J. F. Case, ('90), to be major by brevet.

Christian Hinrichs is employed at

the Cramp & Sons ship yards at Philadelphia, Pa.

A son was born to Mr. and Mrs. J. B. Ramsay at Medford, February 19, 1900.

The name of Dr. Rodney H. True is included in the list of lecturers at the Woods Holl biological laboratory for the season of 1900.

'91.

William F. Dockery, '91, '93 /, is in the employ of the C., B. & Q. R. R. at St. Louis, Mo.

Jacob Fliegler is in the feed business at St. Paul.

James A. McKim has changed his address to 2240 N. Illinois st., Indianapolis.

Walter C. Owen, '91 /, has recently begun the practice of law at Maiden Rock, Wis.

E. Kirby Thomas is president of the Wisconsin Associated Dailies, an association of the leading dailies of the state, exclusive of Milwaukee, for business purposes.

'92.

Charles W. Bennett is employed by the American Tin Plate Company at Elwood, Ind.

James H. Brace is with the Niagara Ship Canal Company, with headquarters in Detroit.

Hendrick B. Gregg is in the employ of the A., T. and S. F. R. R. at Bellemont, Arizona.

Edwin T. Munger is manager of the Havana, Ill., Electric Company.

Born to Mr. and Mrs. Louis J. Stair (Nellie G. Bowen, ('92)) January 29, 1900, a son, at Brodhead, Wis.

'93.

Harry B. Boardman has a responsible position with the General Electric Company in New York city.

Dr. F. E. Bolton (Ph. D., Clark, '98) delivered an address before the Milwaukee "Mothers in Council," February 15, on "Parallelisms in the physical and mental development of children."

George E. Dietrich, '93  $\frac{1}{2}$ , is one of the police commissioners at Superior.

Harvey W. Dietrich, '93  $\frac{1}{2}$ , is serving his second term as mayor of Superior.

George T. Flom, who is at present assistant in German and French at Vanderbilt University, Nashville, Tenn., has been offered an assistantship in Scandinavian languages in Columbia University, New York city.

Gerdt A. Gerdtzen is superintendent of the Winona, Minn., Manufacturing Company.

Charles H. Hile, '93  $\frac{1}{2}$ , is superintendent of wires of the Boston, Mass., Elevated Railway.

Henry A. Lardner is in the employ of the New York Electric Illuminating Company, New York city.

Olga Miller, ('93), is teaching botany in the La Crosse high school.

Walter J. Richards is in the employ of the Christensen Engineering Company in Milwaukee.

James G. Wray is superintendent of the Chicago Telephone Company.

'94.

Richard M. Arms is with the Missouri Electric Company, at St. Louis, Mo.

Paul Biefeld is a student in the Polytechnica at Zurich, Switzerland.

S. Edith Brown is pursuing postgraduate studies at the University of Wisconsin.

Mary Bulfinch is teaching at Twin Grove, Wis.

George B. Evans has a position

with the Wisconsin Bridge and Iron Works at North Milwaukee, Wis.

Oscar Hansen has a position with the Western Electric Company in Chicago.

Rudolph J. Ochsner is with the Western Electric Company in Chicago.

Sidney R. Sheldon is instructor in electrical engineering at Lafayette College, Easton, Pa.

W. A. Sprague, ('94), is working in his father's law office at Brodhead, Wis.

'95.

Jesse M. Boorse has a position with the Chicago Telephone Company.

Helen S. Brown is spending the winter at 2979 Prairie ave., Chicago.

A paper was read before the Contemporary club at Madison, February 14, by Dr. E. R. Buckley, '95, on "The construction of streets in Wisconsin cities."

Alice Bunting is studying music at Baltimore, Maryland.

Edgar W. Crane is superintendent of the San Gabriel, Cal., Electrical Company.

Wilson Cunningham, who graduated from the Northwestern Medical school in '98, is practicing in Chicago. His engagement to Miss Anna Billings, of Cobb, Wis., has lately been announced.

Budd Frankenfield has a position with the Western Electric Company in Chicago.

Lloyd W. Golder is in the employ of the C. & N. W. railway at Chicago.

Louis T. Gregorson is draughtsman for the U. S. Deep Waterways Commission at Rome, N. Y.

Walter S. Hanson is inspector for the Walburn-Swenson Company at Shawnee, Oklahoma.

William J. Hartwell, '95, is a member of the law firm of Rusk & Hartwell at Chippewa Falls, Wis. He is also captain of the local militia company organized for service in the recent Spanish war.

John H. Lee, ('95), became the junior member of the firm of Dyrenforth, Dyrenforth & Lee, 1552 Monadnock building, Chicago, on January 1, 1900. He has been in the employ of the firm for the last six years.

Alfred L. McCulloch is draughtsman for the Northern Electric Company at Madison, Wis.

Myra E. Maynard, only daughter of Mr. and Mrs. P. E. Maynard of Hawarden, Iowa, died February 11, at the Samaritan hospital in Sioux City, from the effects of a surgical operation to remove a tumor. She was born near Elk Point, S. D., July 26, 1871, and her early education was received in the common schools of Union county. She attended the University of South Dakota at Vermillion two years, but graduated from U. W. in 1895. She was assistant principal of the Elk Point schools one year and of the West Green Bay high school one year. Her home since 1888 had been at Hawarden, and she was buried there February 14. Both the schools and business houses were closed during the hours of the funeral, thus showing the universal esteem in which she was held by that community.

George A. Mead has a position with the Ohio Brass Works at Mansfield, Ohio.

Edward W. Meyer has a position with the Nordburg Manufacturing Company at Milwaukee, Wis.

Edmund J. Rendtorff has a position at Northwestern University, Evanston, Ill.

Jessie M. Shepherd is teaching at Escanaba, Mich.

'96.

Max Booth, '96, is running the Monroe, Wis., *Sentinel*.

Charles J. Carlsen, '96, and Ellen Luchelle Hinsdale were married at Elgin, Ill., February 19. Dr. Ernest R. Buckley, '95, acting as best man. Mr. Carlsen served during the Spanish-American war, becoming a first lieutenant of volunteer engineers by promotion from the ranks. He is now in the employ of the Chicago Telephone Company. They will reside at Abbott Place, Chicago.

Arthur E. Coe of Barron has recently been elected president of the state Epworth League.

Luther E. Lemon is with the Vindex Electric Company in Aurora, Ill.

A son was born to Rev. and Mrs. A. J. Kempton (Annie Main, '96,) in January at Mt. Carroll, Ill.

G. S. Moody is editor of the *Richland Rustic* at Richland Center, Wis.

Jay H. Perkins is manager of the Youngstown, O., Electrical Company.

Peter E. Reedal is in the employ of Pawling & Harnishfeger, machinists, in Milwaukee.

A. K. Reindahl is register of deeds for Dane county.

E. A. Reynolds has returned to the University for graduate work.

Harry H. Ross is employed in the deep water ways survey at Rome, N. Y.

William R. Schuman, '96, is traveling salesman for a New York drug house.

Henry H. Scott is electrical engineer of the library building at Ashland, Wis.

George H. Trautman is superintendent of raw materials for the



Deering Harvester Company, Chicago, Ill.

Henry M. Trippe is assistant engineer for the C. & N. W. R. R., Baraboo, Wis.

Leonard G. Van Ness has a position with the Jacques-Cartier Water Power Company, Quebec, Canada.

The home of William H. Woodward, '96 I, was brightened by the arrival of a pair of boys on January 31.

'97.

Joseph A. Anderson, '97 p, is analytical chemist for a New York drug firm.

John S. Allen is superintendent of the electric light and water works at Elkhorn, Wis.

Julia Beaumont, ('97), of Green Bay, was married to William Cummings, January 24, by the Rev. F. R. Haff of Oshkosh. Mr. and Mrs. Cummings will reside in the city of Mexico.

Murray C. Beebe, instructor in engineering, has resigned to accept a position with the Westinghouse Company at Chicago. He will investigate the Nernst lamps in their research laboratory. Budd D. Frankfield, '95, will succeed him as instructor.

Arnold E. Broenniman is assistant engineer of the U. S. Deep Water Ways Commission with headquarters at Rome, N. Y.

Henry T. Cochems has been elected a member of the second debate team at Harvard which will meet Yale on March 30.

Edward C. Coombs is a civil engineer with the C., M. & St. P. R. R. at Chicago.

John E. Dutcher is the electrician with Swift & Co., Chicago. His present address is Empire House, Chicago.

C. B. Edwards is practicing law with ex-Congressman A. R. Bushnell in Madison.

Wallace P. Kiehl has a position with the Electrical Engineers' Exchange in New York city.

William H. Kratsch is in the employ of The George Challoner's Sons Company at Oshkosh, Wis.

Charles M. Kurtz is assistant engineer for the C., M. & St. P. Ry. in Milwaukee.

Otto T. Lademan is in the employ of the St. Louis, Mo., Electrical Construction Company.

Grace Loomis, ('97), is continuing her studies at Colorado College, Colorado Springs, Colorado.

Emil S. Lueth has a position with the Deering Harvester Company in Chicago.

Clinton McDonald is assistant engineer for the C. & N. W. R. R. at Evansville, Wis.

Harry W. Reilly is in the employ of the Brooklyn, N. Y., Rapid Transit Company.

Charles J. Schmidt has a position with Chas. A. Brown & Cragg, 1450 Monadnock B'ld'g, Chicago, Ill.

Edward Schildauer is in the employ of the Chicago Edison Company.

'98.

James Aston has a position with the Falk Manufacturing Company in Milwaukee.

Mary E. Bump has spent the past two years teaching at Wausau, Wis.

Robert A. Elser has a position with the Milwaukee Bridge Works in Milwaukee.

A. R. Fugina is working on the U. S. geological survey at Cincinnati, O.

Robert L. Jenne has a position with the Chicago Telephone Company.

Lebrecht J. Klug is a draughtsman

for the American Bridge Works in Chicago.

Oscar M. Leich is in the employ of the Western Electric Company in Chicago.

P. F. Lueth has a position with Fairbanks, Morse & Company, in Beloit.

C. C. McConville, ('98), has accepted the position offered him as coach of the St. John's Military Academy crew at Delafield.

Anton Malec is in the employ of the Gisholt Manufacturing Company at Madison, Wis.

H. V. Merriam is a civil engineer for the Canadian Pacific Ry.

Fred J. Newman is in the employ of the Hub Motor Vehicle Company, 107 Dearborn st., Chicago.

Stanley Barber Parkinson, ('98), dropped dead, supposedly from heart failure, at Livermore, Cal., February 9, 1900. In 1897 he left college and joined his brother Henry at Seattle, and for a year thereafter he was with the South Bend Electric Company and the Mountain Spring Water Company. In 1898 he took a trip to Japan with a view to engaging in business there, but returned and has since been manager of a ranch near Silvermore. The funeral was held at Madison, at the residence of his father, Vice-President J. B. Parkinson, February 17.

Ada R. Rockwell is a senior in the Albany Library School at Albany, New York.

John C. Schmidtman is in the firm of Schmidtman's Sons, books and stationery, Manitowoc, Wis.

Henry C. Schneider has a position with the Baker Windmill Company, Evansville, Wis.

Marshal E. Seymour is in the employ of the General Electric Company at Schenectady, N. Y.

The engagement of Harrison A. Smith to Miss Katherine Bowen, of Brodhead, is announced.

P. S. Smith has just put in a telephone exchange at Superior.

Harry Spence is at the head of the department of science in the La Crosse high school.

Max Spindler is assistant engineer for the "Big Four" railway at Indianapolis, Ind.

Mr. and Mrs. Victor H. Bassett (Anna Stowell), ('98), are located at 1910 E. Madison st., Baltimore, Md.

David Y. Swaty is assistant to George H. Burgess, '95, who is bridge inspector of the Pennsylvania R. R., at Pittsburg, Pa.

H. J. B. Thorkelson is with the Beebe M'f'g Company at Racine, Wis.

George Walker, school of music '97-'98, has recently completed a course in music in Chicago, and will shortly leave for Europe to continue his vocal study.

H. R. Warner is with the American Cotton Company at Waco, Texas.

Roy R. Wiley is an electrical engineer with the Siemens & Halske Company at Chicago.

Max Zabel is with Chas. A. Brown & Cragg, 1450 Monadnock building, Chicago, Ill.

'99.

Walter J. Buckley has a position with the Diamond Meter Company at Peoria, Ill.

Orsamus Cole, Jr., is with the Wisconsin Telephone Company, Milwaukee.

Scott De Lay, ('99), is now editor-in-chief of the Shreveport, La., *Times*, the largest daily in the state outside of New Orleans. He has attracted much attention by his

vigorous attacks on the corrupt city government.

Michael F. Foley, '99 *Z*, is practicing law at Mauston.

Edward Freschl has a position with the Kalamazoo Knitting Company in Milwaukee.

Frederick J. Gaenslen has just recovered from an attack of typhoid fever and has left Baltimore for Atlantic City for a short vacation.

G. E. Gernon, '99 *Z*, is slowly recovering from an attack of typhoid fever at Enderlin, S. D., where he recently located for the practice of law.

John J. Hogan is employed by the Siemens & Halske Electric Company in Chicago.

James H. Knowles is engaged on the U. S. geological survey.

Arthur B. Lippert, ('99), is in the employ of J. G. White & Company, Washington, D. C.

Richard T. Logemann is assistant engineer of the C., M. & St. P. R. R. in Milwaukee.

Rev. F. Emory Lyon, ('99), is the lecturer and publicist of the American Health Propaganda, 9245 Winchester ave., Chicago.

C. A. A. McGee, '99 *Z*, delivered two speeches in St. Paul recently, one at the banquet of the Lincoln Club in honor of Lincoln's birthday, and the second on "The business man in politics" before the Commercial Club of St. Paul.

Lydia E. Moore is teaching in the Ironwood public school, Ironwood, Mich.

Thomas G. Nee is in the employ of the Chicago Telephone Company.

Simon C. H. Nolte, '99 *p*, is chemist for the Milwaukee Gas Works.

Richard A. Nommenson is an assistant engineer for the C., M. & St. P. Ry. in Milwaukee.

Martin C. Olson is with the General Electric Co., at Schenectady, N. Y.

G. H. Putnam, '99 *Z*, is practicing law at New London, Wis.

William E. Reynolds has a position with the Chicago Telephone Company.

H. A. Sawyer, '99 *Z*, is practicing law at Hartford, Wis.

Arthur V. Scheiber is in the employ of the Chicago Telephone Company.

Frederick A. Schroeder, ('99), has a responsible position with the C., M. & St. P. Ry. in Milwaukee.

John W. Schuster has a position with the Western Electric Company in Chicago.

Ralph W. Stewart is assistant engineer for the C. & A. R. R. at Chicago.

The engagement of Sharpe W. Todd and Miss Clarice Cook of Milwaukee is announced.

T. A. Tolrud, '99 *Z*, is practicing law at Viroqua, Wis.

Delbert C. Treloar, '99 *p*, is working in a drug store at Racine, Wis.

L. C. Wadmond, ('99 *p*), is manager of the Grand Union tea store at Racine, Wis.

Charles T. Warner, ('99), is attending the Harvard dental school.

Andrew A. Washburn, ('99), has purchased a half interest in the *Horicon Reporter*.

Adeline R. White is assistant principal of the Hamilton, Montana, high school.

J. F. Woodmansee, '99 *Z*, is practicing law at Milwaukee.  
( '00.)

E. R. Goldsmith has entered the University of Chicago.

Harvey B. Holmes, '00, was married to Miss Hattie Ludington of Whitewater, February 12,



J. Frank Honeywell is soliciting insurance in Chicago and writing stories for the Chicago *Ledger*.

Frank W. Meisnest is assistant principal at Plymouth, Wis.

Benjamin Poss is messenger to the judges of the U. S. circuit and district courts, Milwaukee.

Goldwin Smith is in the insurance business with Charles A. Phelps, '96, at Madison.

Henry C. Stair is assistant in the Fond du Lac high school.

('01.)

George Lawson is spending the winter in southern California on account of his health.

Elizabeth McGregor is assistant in the Platteville, Wis., high school.

I. Mather, who rowed on last year's crew, will not return to the University this year.

('02.)

R. E. Adams is with the Berlin Machine Works at Beloit, Wis.

Charles Ludlow is a reporter on the Monroe, Wis., *Daily Journal*, published by L. A. Woodle, ('73).

Lester C. Manson, ('02 I), has gone to Washington, D. C., where he has a position in the census bureau.

R. J. Hutson is with a publishing house in New York city.

#### PUBLICATIONS.

THE SECONDARY SCHOOL SYSTEM OF GERMANY, by Dr. Frederick E. Bolton, '93 (Ph. D., Clark, '98), professor of psychology and education at the Milwaukee Normal school.

This work has just come from the press of D. Appleton & Co., New York, appearing in the International Education Series, edited by Dr. W. T. Harris, U. S. commissioner of education. In this book we now have

a complete conspectus of the German high schools. The schools are shown to differ very materially from our American high schools. The schools are under bureaucratic government, the highest official being the Culture Minister, an appointee of the King. From the professional side this is advantageous, insuring a most thoroughly trained body of teachers, and well planned and thoroughly administered courses of instruction. All teachers have had at least three years of university training plus from one to two years of special professional training. "The examinations call for thorough and extended knowledge in all the branches the candidate expects to teach. The teacher is not only expected to be master of the subject, but also an authority. Their qualifications, when compared with those exacted of average high school teachers in America, are found to be much higher for the upper classes and in some respects higher in the middle classes." (They have nine year courses, beginning at about nine years of age.) In practical appliances the schools are very deficient. "The furniture is of the crudest sort; the buildings as a rule dreary and unattractive structures, almost invariably poorly lighted and poorly ventilated." But the teaching force and the character of the instruction are unrivaled in excellence.

A recent issue of the Erie, Pa., *Evening Herald* contains a very eulogistic article on the University of Wisconsin written by Prof. B. A. Behrend, who lectured before the engineering students not long since.

The address of Dr. E. A. Birge in opening the discussion on "Methods and results in limnological work" at the meeting of naturalists at Chica-

go, December 28, 1899, is published in *Science* for February 16.

Prof. Joseph Jastrow has contributed a considerable number of articles to the new Dictionary of Philosophy and Psychology, now in press, of which Prof. Baldwin of Princeton is editor-in-chief. Prof. Jastrow has given his special attention to the department of abnormal psychology, most of the articles on this branch of the subject being from his pen.

In *Science* for February 2, Prof. Jastrow reviews Th. Ribot's "Evolution of general ideas."

Prof. F. H. King writes of "The maximum duty of water in irrigation," in the January number of the *Irrigation Age*.

The Milwaukee *Journal* has been publishing communications from members of the University Board of Regents in reply to questions as to how the scope of the University might be enlarged in the future. Judge George H. Noyes, '73, '74 *l*, suggests the addition of schools of commerce, forestry and architecture, a college of medicine and dentistry, and a department of insurance. As one means of meeting the additional expenses of these departments he suggests an increase in the fees paid by students. Mr. George F. Merrill, '72, '73 *l*, one of the newly appointed regents, favors the building of dormitories for the use of men.

*Self-Culture* for January contains an article on "Germany and an Anglo-Saxon alliance," by Prof. Paul S. Reinsch.

A. T. Schroeder, '89 *l*, contributes an article on "The Mormon breach of faith" to the February *Arena*.

The article by James Sargent Smith, instructor in the School of Music, entitled "How to be musical without the drudgery of practice,"

first published in the *Music Magazine* of Chicago for September, 1899, has been republished in the London *Musical Courier*.

The *Journal of Physical Chemistry* for January contains an article by Dr. Louis Kahlenberg on "The relation of the taste, of acid salts to their degree of dissociation."

Dr. Samuel A. Sparling writes for the Milwaukee *Sentinel* of March 4, on "The Problem of the Small City in Wisconsin."

The leading article in the *Free Thought Magazine* for January is one by D. K. Tenney, ('58), on "Modern theology and its ideal Jesus."

Prof. C. R. Van Hise has a reply to Prof. G. P. Merrill's review of Dr. Buckley's thesis in *Science* for February 2.

Ambrose P. Winston, '87, writes of "Socialism in the United States," in the *Contemporary Review* for January. He finds that the Americans are evolutionistic rather than revolutionistic in their socialism.

The second edition of "A handbook for farmers and dairymen," by Prof. F. W. Woll, has just been issued from the press of John Wiley & Sons, N. Y. The work is divided into three parts: agriculture, dairying, and general topics. Among the contributors are the following University men: Professors J. A. Craig, John W. Decker, F. H. Farrington, E. S. Goff, A. W. Richter, and H. L. Russell. The *New England Farmer*, Boston, Mass., speaks as follows of the work: "[The book] aims to furnish a compendium of useful information on farm and dairy topics, and succeeds in this aim wonderfully. It contains 362 compact, well-edited pages, followed by 12 pages of index. . . . On

almost every subject in agriculture, especially dairying, a large amount of exact and valuable information can be found. In scores of places this little handbook will be found invaluable."

#### GRADUATES AND STUDENTS OF THE SECOND GENERATION.

The following is a partial list of graduates of the University whose sons and daughters are either graduates or present students. Additions to the list will gladly be received, in order that it may be made as complete as possible.

- '58—William Freeman Vilas.
  - '94—Henry Vilas.
  - '58—Elbert Osborn Hand.
  - '84—Lizzie M. Hand.
  - '87—Imogene F. Hand.
  - '92—Elbert B. Hand.
  - '95—Jessie L. Hand.
  - '60—George Washington Bird.
  - '89—Claire B. Bird.
  - '64—Hobart S. Bird.
  - '98—Louise M. Bird.
  - '60—John Barber Parkinson.
  - '83—Marshall M. Parkinson.
  - '85—Mary Parkinson.
  - '86—John M. Parkinson.
  - '90—Ben C. Parkinson.
  - '90—Henry G. Parkinson.
  - '61—Farlin Q. Ball.
  - '95—Farlin H. Ball.
  - '01—Sidney H. Ball.
  - '63—Phineas J. Clawson.
  - '92—Sophie Clawson (Mrs. Eldon Cassoday).
  - '94—Catharine M. Clawson (Mrs. Louis Sumner).
  - '02—Harvey Clawson.
  - '64—John Coit Spooner.
  - '94—Charles P. Spooner.
  - '94, '96—Willet M. Spooner.
  - '65n—Annie E. Taylor (Mrs. H. C. Noyes).
  - '03—Clifford H. Noyes.
- (Continued.)

#### CLIPPINGS FROM "SPHINX."

"Her face is her fortune." "Yes, I heard a man say it looked like 30 cents."

Mary had a little lamb;

It followed her one day

Till Mary donned her gym. suit—

And then it ran away.

The clothes line is the dividing line between the sexes, but it is fast disappearing.

Apropos of that remark on "higher education," we might add that we have all taken many upward strides during our career here.

The sprinkler, as a for-rain-er,

Is feeling rather sore,

Because he must pay taxes to

The auger, who's a Boer.

When the proprietress of a boarding-house has retired from business, can she be said to be living upon a hash-pile?

At the opposite ends of the sofa

They sat with vain regrets;

'Twas not because of the boycott,

But because of cigarettes.

Latesleep—Three minutes to make an eight o'clock. Guess I'll miss my breakfast.

Wisdom—Oh well, just take a roll on the Hill.

"You might call this the Main Hall," said the freshman, as he took the largest and choicest piece of chicken.

"Yes," said the soph. "It appears to be a Gym. dandy."

Said the freshman to the brightly emerald frog,

"I have figured out by Van and Slichter's log.

That just thirty-three degrees

Difference in our pedigrees

Would have made me your companion in a bog!"