



The Wisconsin alumni magazine. Volume 14, Number 1 Oct. 1912

[s.l.]: [s.n.], Oct. 1912

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The Wisconsin Alumni Magazine

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"A Magazine Aiming to Preserve and Strengthen the Bond of Interest
and Reverence of the Wisconsin Graduate for His Alma Mater."

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THE WISCONSIN ALUMNI MAGAZINE is published monthly during the School Year (October to July, inclusive) at the University of Wisconsin.

ALUMNI DUES—Including subscription to The Alumni Magazine—\$2.00 a year, "payable on or before July 1 of each year for the fiscal year beginning May 1 next preceding."

SUBSCRIPTION to The Wisconsin Alumni Magazine alone, without the privileges of membership: \$1.00 a year; foreign postage 50 cents extra.

CHANGE OF ADDRESS must be reported before the 21st of the month to insure prompt delivery at the new address.

DISCONTINUANCES. Subscribers should notify the manager if they wish the Magazine continued at the expiration of the time paid for. If no notice is received, it will be understood that a continuance is desired.

REMITTANCES should be made payable to The Wisconsin Alumni Magazine and may be by check, draft, express or postal money order; personal checks should be drawn "Payable in exchange." All mail should be addressed to

THE WISCONSIN ALUMNI MAGAZINE, 821 STATE STREET, MADISON
Entered at the Post Office, Madison, Wis., as second class mail matter.

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A RELIABLE GUIDE TO WISCONSIN MEN OF YOUR PROFESSION

This directory affords a convenient guide to Wisconsin Alumni of the various professions who may wish to secure reliable correspondents of the SAME PROFESSION to transact business at a distance or of special professional character. It is distinctly an INTRA-PROFESSIONAL directory. Alumni of all professions, who by reason of specialty or location are in a position to be of service to Alumni, are invited and requested to place their names and addresses in this directory.

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The Wisconsin Alumni Magazine

I, a wandering student, seeking knowledge, came knocking at the gates of the great University of Wisconsin, and it took me in, filled me with inspiration, and when I left its doors the kindly people of the state stretched out welcoming hands and gave me a man's work to do.—An Alumnus.

Volume XIV

Madison, Wis., October, 1912

Number 1

THE ALUMNI HEADQUARTERS

LOUIS P. LOCHNER, '09

 On October 1, there will be opened at 821 State St., Madison, the permanent Headquarters of the Alumni Association. A general secretary, an assistant secretary, and an office assistant will devote their entire time to helping the Association realize its two-fold object of "encouraging friendly and social intercourse among its members, and by organized effort promoting the best interests of the University of Wisconsin."

What may the Association expect from its Headquarters? Why suddenly expand from the traditional "one-horse concern" that the alumni office (if it merited that name!) has been for years past, to modern, up-to-date Headquarters, with an adequate office force in charge? Two considerations are to be kept in mind in answering this question—the relation of the alumni to each other and to their Association, and their relation to their Alma Mater both as sons and daughters and as citizens and taxpayers. I shall endeavor to show some of the things that the Alumni Headquarters hopes to do for the graduate in these two relations.

Record of Graduates.

"Where is — and what is he doing?" How often is this question asked by alumni! The Headquarters will endeavor to supply the answer. Mr. Hoyer, the alumni recorder, is now working on a card index file which will classify the graduates alphabetically, geographically, by classes and degrees, and by professions. We hope to send out a letter and reply card at least once a year—oftener as soon as we can afford to do so—requesting the latest address and occupation of every graduate. Missouri issues such a letter four times a year; many institutions once or twice. By thus keeping in constant touch with every graduate and entering every change of address or occupations as fast as it is reported, it will be possible at any given time to print a new Alumni Directory on short notice, and at a great saving of expense over the former method of making a new start every five years.

Record of Ex-Students.

The compilation of information concerning ex-students is still in its embryonic stage. The university has

no other evidence regarding these former students than the years during which they attended and their Madison and home addresses at that time. The alumni recorder will now take them up class by class and seek to locate them. When once completed this directory of "ex-men" will be an invaluable asset to the university and to the Alumni Association.

It is our hope that alumni will feel absolutely free to write at any time, and as often as they please, for information about any graduate or former student. The oftener our records are consulted, the more will those in charge of the Headquarters feel that they are living up to the university's ideal of service.

Employment Bureau.

The second means by which the Alumni Headquarters hopes to be of aid to the Wisconsin man or woman is the Employment Bureau. Through it we shall endeavor both to place Wisconsin graduates and students in desirable locations and to assist employers in finding the right men and women to fill vacancies. Special blanks will be furnished the applicants for positions, and a minute record kept of every one registering. Similarly, requests from employers will be carefully entered and followed. No fee will be charged to members of the Association for either filling or securing positions. We cordially invite Wisconsin men and women looking for situations, and graduates having vacancies to fill on their staffs, to register with the Employment Bureau. We shall spare no effort to place the right man in the right position. Harvard has operated such a bureau for several years with notable success. Why not Wisconsin?

Reunion Classes and Local Clubs.

The third service which the Headquarters desires to render the graduates is that of co-operating in every manner possible with the reunion classes and with local alumni clubs. Reunion classes are invited to call upon the Headquarters for addresses of their members, for information regarding houses, dining rooms, picnic facilities, etc., available during Alumni Week, and for proper publicity of their plans. As for the local clubs, some of the following means of co-operation should prove helpful:

Visits of University Officers.

The Headquarters will keep a record of the out-of-town engagements of the university faculty with a view to arranging with the latter to meet the local alumni of the city in which they are scheduled to appear. While there are only about 25 local alumni clubs in existence at the present time, it will be one of the important duties of the general secretary to assist in augmenting this number greatly. These clubs, if informed long enough ahead of time of the presence of a professor or other officer of the university, can arrange to have him address them. The lecture bureau of the Extension Division has courteously promised its co-operation in furnishing the Headquarters a list of their lecture bookings of university men.

Lantern Slides.

Again, the Headquarters hopes soon to be in possession of a lantern slide collection of views of the campus, photographs of the faculty, reproductions of Wisconsin songs, scenes of undergraduate life, and graphic representations of the results

THE ALUMNI HEADQUARTERS

achieved in the various departments. These lantern slides, together with a lantern, will accompany the general secretary in his occasional tours of alumni clubs. Many a graduate has not returned to his Alma Mater in years and has but a faint idea of the tremendous strides with which the university has advanced. The lantern slides, it is hoped, will not only prove an eye-opener, but will make him wish to take part in the very next alumni doings.

Change of Residence by Alumni.

The Headquarters also stands ready to act as a clearing house of information for local secretaries. If, say, a graduate in Pittsburgh accepts a position in St. Louis, let this fact be reported to the Headquarters by the secretary of the Pittsburgh alumni. We shall then look up the graduate's class, college, social affiliations, etc., and with this information in mind scan the list of St. Louis alumni for the purpose of finding classmates, or fraternity brothers, or members of the same profession with the alumnus in question. All this information we shall send on to the secretary of the St. Louis alumni, advising him of the arrival of the graduate, and suggesting that if possible he assist him in getting acquainted in his new abode. The information furnished by the Headquarters will make it easy for the local secretary to establish relations that will be most agreeable and profitable to the new arrival.

The Alumni Magazine.

What I have outlined thus far is calculated to convince the reader that the Alumni Headquarters is a necessity for purely selfish reasons. But the Association has a higher function,

namely, "to promote the best interests of the University of Wisconsin." In order that the Association may be able to carry out this part of its mission, it is necessary first of all that the members maintain an intimate and close relation with their Alma Mater. The Headquarters will seek to foster this relation primarily through the columns of *THE ALUMNI MAGAZINE*. The Magazine will carry information about the university to every member. As in the past, it will endeavor faithfully to present a graphic picture from month to month of the constant development of the university. Yet, though devoted to diffusing light concerning our Alma Mater, *THE ALUMNI MAGAZINE* is the mouthpiece of neither the regents nor the faculty—it stands absolutely independent of either, and its editors are under the direction of no one but the Alumni Executive Committee.

But the members of the Association are interested in the university not only because it is their Alma Mater. They are vitally interested also as citizens, as parents, as taxpayers. As such they look upon the university as the greatest public service corporation in the State of Wisconsin. And just as the stockholders of a mercantile corporation insist upon knowing fully what is going on in their business, how the money is expended, what new policies are being inaugurated, so the alumni, at least those 4,000 who are citizens of Wisconsin, desire to be continually informed about conditions as they exist at the University of Wisconsin. Every graduate can become either a power for, or a menace to, his Alma Mater. The Wisconsin graduate represents the most energetic and influential type of citizen in the commonwealth. His

attitude toward the university determines the attitude of hundreds with whom he comes in touch.

Bureau of Information.

In order that the alumni may have a central place from which they may obtain any information relative to the university that will lead to a better understanding of its administration and its achievements, a bureau of information will be maintained in connection with the Headquarters. "Knowledge is Power"—and the more fully posted the alumni are on conditions at their Alma Mater, the better will they be able to answer the constant misrepresentations to which the university is subjected. Appended to the present issue of *THE ALUMNI MAGAZINE* is a report of the business manager of the university. It is accurate and to the point, but in its very nature merely a summary. If you desire to be enlightened more fully on any particular point, write to the Headquarters. We shall try to supply additional facts, to which the business manager will only too gladly give us access. Or, if you read in the daily press of this or that new building going up at Madison at what seems to some citizens in your community to be an exorbitant figure, let us tell you the uses to which the structure is to be put, the service which it will render the people of the state, and the results for humanity at large which the department occupying it is achieving. We shall give you the facts uncolored—you can draw your own conclusions.

Publicity Department.

There is one other function that the Headquarters will strive to perform. The university can only then fulfill its highest mission when the

people of the state—the rank and file, I mean, not merely the graduates—and the university are linked together in the closest possible relations, and when the university enjoys the full confidence of the commonwealth by whose bounty it was erected and is maintained. This relation will be greatly fostered if the people of the state fully understand what the university is actually accomplishing in their behalf. Recognizing this need of more complete understanding, the Alumni Executive Committee at a special meeting in August voted to "establish a publicity department for the purpose of furnishing to the press of the state at least a weekly news letter relating to the university and its work, such letter to be under the direction of the general secretary." These letters, which will be offered to the press of the state for publication, will begin to make their appearance as soon as practicable, and the members of the Association are particularly requested to take cognizance of them. Suggestions for themes for these news letters will always be welcome.

Need of Co-operation.

Such in brief is the task that the Alumni Executive Committee has set before those who are so fortunate as to be associated directly with the work of the Alumni Association. In establishing the Alumni Headquarters, the Association has supplied a central power station from which a network of live wires reaching every community in the state is to be charged.

We need live wires. Are you one of them? As a test, read the letter of the Executive Committee on the Endowment and Maintenance Fund, published elsewhere in this issue. Are you "live" enough to help?

THE UNIVERSITY AND ITS TROUBLES

JOHN E. McCONNELL, '87



O state institution or department leads a quiet life—not even the legislature. So there is comment and criticism, friendly and unfriendly, upon things done and things undone at the university, even upon pranks of students or chance remarks of professors, all of which makes good "copy" for the newspapers, and some of which brings worry to faculty and regents and wonder to alumni and friends.

Friendly or even unfriendly criticism, honestly made, is not an evil; but the university has at times to endure censure and even unjust attack. There are critics opposed, upon principle, to all higher education by the state; there are others influenced by real or fancied political or economic causes. And there are men moved apparently by jealousy or by desire to win popularity and power, who seek distinction in the brightness of the target of their abuse. Ambition sometimes leads small men as well as great astray, and puts them into embarrassing and ridiculous situations.

I am reminded of an incident which I witnessed some years ago in the trial of a divorce action. Mrs. O'Toole, worn out by the misbehavior of her husband, was suing him for divorce. On the witness stand, after detailing some of her grievances, she was asked, "Now, Mrs. O'Toole, what *is* the trouble with Mike?" to which she replied, "The rale trouble with Mike is he wants to be the primmer donner of all." There are

would-be "primmer donners of all" in every walk of life, and the university occasionally comes in contact with one.

But, after all, trouble is a condition of life, and the university is very much alive. The days when Lowell's celebrated definition of a university, "a place where nothing useful is taught," was true, are long since past, and a university now may almost be said to be a place where everything useful is taught. Our university touches the life of the people of the state at scores of points outside its ordinary work of instruction. Consequently, thousands, yes tens of thousands are interested in it now as against hundreds twenty years ago. Witness the great increase in resident students, and the still greater development in extension and correspondence instruction. With increased work has come increased cost, and now every taxpayer of the state feels himself with pride and satisfaction, or otherwise, a patron of the higher education.

Those who serve the public must expect inspection, inquiry, criticism, must share in the turbulence and discomforts of democracy, with faith that ultimate justice will be done, as it must and will be if democracy is to endure. It is a part of the price of self-government.

And so those who serve the public in a state university must share the toil and care of those whom they serve, must patiently endure misunderstanding and detraction, envy and jealousy. There are quiet vales, remote from the traffic and turmoil, the

dust and discomfort of the great highways of the world, where the student and the scholar may live secure in the cloisters of some ancient and wealthy institution; there are serene heights, far above the plains and valleys in which lie the farms and shops and marts of men, where philosophers may spend their days in quiet contemplation; but these retreats are not for those who serve a democratic state in its great institution of learning. They must

"Live in a house by the side of the road,
Where the race of men go by."

The work of the president and members of the board of regents and faculty is a part of the great adventure of democracy. They cannot separate themselves, if they would, and I know they would not, from the throbbing, mounting life of the time. Theirs it is, under the difficult and complex and often sordid conditions of modern life, to lead the legions of civilization and progress toward the perfect and the ideal, to the goal of all the ages:

"The light that never was on sea or land;
The consecration and the poet's dream."

Who Are Your Class Officers?

Will the secretaries or any one who knows please send to the Alumni office the names and addresses of their respective class officers? These names should be on file in the office for the information of all alumni. Will the secretaries of all classes kindly send in their names and addresses and correspond with the general secretary about vital issues concerning all classes? We need your cooperation.

WISCONSIN MEN OF SCIENCE

T. R. HOYER, '12



WHO are our Wisconsin men of science? Where are they? How are they ranked among their peers? In which science have Wisconsin men accomplished most? Which class has produced the most distinguished men of science?

In order to answer these and many more equally important and interesting questions, the writer has compiled a statistical table from the biographical directory, *American Men of Science*, edited by J. McKeen Cattell, editor of *The Popular Science Monthly*. This directory was published in 1910, and all data secured from it date back to that period.

The table appended to this article includes the names of all men and women in the science directory who have received degrees from the University of Wisconsin. In each instance, the first degree received at Wisconsin is recorded together with the class year. Furthermore there is given the major science in which the respective graduates have done research work, and also their location at the time the bibliography was compiled, except in a few instances where changes of locations were personally known to the writer. In order to make the list as complete and useful as possible, the names of men holding Wisconsin honorary degrees only have been included, but these names have not been used in the securing of other statistical information from the complete table. A star appearing be-

hind a name indicates that the subject in the list belongs to the 1000 leading men of science in America.

What We Can Learn from the Table.

The *American Men of Science* directory includes more than 4,000 names of leading scientists. Of these, 129 are Wisconsin graduates, or about 3.2% of the total. Thirty-two Wisconsin classes are represented in the appended table, and the class of 1905 leads the list with 10 members given recognition in *The American Men of Science*. It is a noteworthy fact that among these 10 members the first Wisconsin degrees obtained are distributed as follows: B. A., 4; B. S., 2; M. A., 2; Ph. D., 2. Thus six of these received their undergraduate training at Wisconsin and may be regarded as pure Wisconsin products.

Table Showing the Distribution of Wisconsin Scientific Men Among the Classes.

1905	10	1909	3
1900	9	1908	3
1903	8	1901	3
1899	8	1890	3
1894	7	1888	3
1902	6	1883	3
1896	6	1891	2
1895	6	1884	2
1893	6	1882	2
1904	5	1879	2
1898	5	1910	1
1889	5	1907	1
1906	4	1887	1
1897	4	1885	1
1892	4	1881	1
1886	4	1880	1
Total			129

The purpose of the above table is to show the distribution of honors among the various classes and to indicate which class leads numerically in the number of recognized scientists as found in the directory.

Table Showing the Distribution of Wisconsin Scientists Among the Sciences.

Chemistry	25
Geology	15
Physics	14
Botany	10
Mathematics	10
Zoology	7
Bacteriology	6
Astronomy	5
Agriculture	4
Pathology	4
Civil Engineering	3
Electrical Engineering	3
Education	2
Surgery	2
Medicine	2
Anatomy	2
Biology	2
Psychology	2
Astrophysics	1
Dairying	1
Electrochemistry	1
Mechanics	1
Plant Chemistry	1
Anthropology	1
Physical Chemistry	1
Bibliography	1
Plant Physiology	1
Entomology	1
Total	129

This table of 28 sciences does not include those sciences in which honorary degree men have specialized. The science departments of the university will find this table valuable as a reflector of what has been accomplished by the university in the various fields of sciences. Impartial judges have given recognition to Wisconsin men to the extent tabulated in this table, and the relative strength of the science departments can be judged from the places assigned by them by these judges. But judgments of this kind are never necessarily correct or final.

Where Wisconsin Stands Among the Leading Thousand Scientists.

Mr. Cattell included in his biographical list the leading 1,000 men of science in America. According to the judgment of his co-workers, Wisconsin has contributed 25 graduates to this famous list, or about 2.5% of the total number.

Wisconsin's Twenty-five of the One Thousand, Arranged by Classes.

1883	3	1893	1
1889	2	1892	1
1897	2	1890	1
1895	2	1889	1
1894	2	1888	1
1882	2	1886	1
1879	2	1885	1
1905	1	1884	1
1901	1		
Total			25

Two of the three members of 1883 in the 1,000 list are pure Wisconsin products. The third member received his Ph. B. at the University of Michigan and his LL. B. at Wisconsin.

The Sciences According to Prominence in the One Thousand List.

Mathematics	5
Geology	4
Chemistry	3
Astronomy	3
Botany	2
Physics	2
Electrochemistry	1
Plant Chemistry	1
Anatomy	1
Bacteriology	1
Physical Chemistry	1
Plant Physiology	1
Total	25

That mathematics should lead the other Wisconsin sciences in the 1,000 list is probably a surprising fact to many readers. These five mathematicians received their first degrees at Wisconsin; 3, B. S.; 2, B. A.; 1, B. L. The four geologists received their bachelor degrees at Wisconsin. All the chemists received their B. S.'s at Wisconsin. The botanists, one physicist, and two astronomers also took their B. S. degree at Wisconsin. Twenty of the 25 leading 1,000 scientists took their bachelor degrees at Wisconsin, evidencing the fact that they completed the major part of their undergraduate work at the University of Wisconsin.

Further investigation shows that among the leading 25, the higher Wisconsin degrees are distributed as

follows: 2, M. A.; 11, M. S.; 1, E. E.; 1, B. LL.; 7 Ph. D. Thirteen took their Ph. D. elsewhere, but of these thirteen graduates seven took a master's degree at Wisconsin, leaving six who probably did their entire

graduate work outside of Wisconsin. Thus, while Wisconsin has given undergraduate work to twenty of the leading 25, she has given entire graduate work to seven, and at least one year of graduate work to ten.

Wisconsin Graduates in "American Men of Science"

NAME	CLASS	DEGREE	SCIENCE	LOCATION
Albrecht, Sebastian	'00	B. S.	Astrophysics	Argentina, S. A.
Allen, Charles E.	'99	B. S.	Botany	U. W.
Allen, Rolland C.	'05	A. B.	Geology	Lansing, Mich.
Allis, Edward P.*	'03	LL. D.	Vertebrate Morph.	Milwaukee, Wis.
Angell, Martin F.	'02	B. S.	Physics	Univ. New Mexico.
Arnsby, Henry P.*	'04	LL. D.	Animal Nutrition	Pa. State Coll.
Bagley, William C.	'98	M. S.	Education	Univ. Ill.
Bailey, Liberty H.*	'07	LL. D.	Agriculture	Ithaca, N. Y.
Ball, Sydney H.	'01	B. A.	Geology	New York.
Barnes, Rufus A.	'08	B. A.	Chemistry	Mont. Agr. Coll.
Eascom, Florence*	'82	B. A.	Geology	Pryn Mawr.
Beach, Charles L.	'86	B. S.	Dairying	Conn. Agr. Coll.
Benner, Raymond C.	'05	M. A.	Chemistry	Univ. Arizona.
Biefeld, Paul	'94	B. S.	Physics	Fuchtel Coll.
Bloodgood, Joseph C.	'88	B. S.	Surgery	Baltimore, Md.
Bolton, Frederick E.	'93	B. S.	Education	Univ. Iowa.
Brandel, Irwin Walter	'99	Ph. G.	Chemistry	Scattle, Wash.
Bridgman, Benjamin W.	'06	Ph. B.	Physics	Westminster Coll.
Buckley, Ernest R.*†	'95	B. S.	Geology	Chicago.
Bunting, Charles H.	'96	B. S.	Pathology	U. W.
Burgess, Charles F.*	'95	B. S.	Electrochemistry	U. W.
Cajori, Florian*	'83	B. S.	Mathematics	Colo. Coll.
Campbell, William W.*	'02	LL. D.	Astronomy	Lick Observatory.
Chamberlin, Thomas C.*	'82	Ph. D. h.	Geology	Univ. Chicago.
Cheney, Lellen S.	'91	B. S.	Botany	Farron, Wis.
Comstock, Elting H.	'97	B. S.	Mathematics	Univ. Minn.
Comstock, Geo. C.*	'83	LL. B.	Astronomy	U. W.
Cook, Alfred N.	'08	Ph. D.	Chemistry	State U. So. Dak.
Davis, David J.	'98	B. S.	Pathology	Rush Med. Coll.
Davis, Ellery W.*	'79	B. S.	Mathematics	Univ. Nebr.
De Cou, Edgar E.	'94	B. S.	Mathematics	Univ. Oregon.
Delwiche, Edmond J.	'06	B. S.	Agriculture	U. W.
Denniston, Rollin H.	'97	Ph. G.	Botany	Milwaukee, Wis.
Dernehl, Paul H.	'03	R. S.	Zoology	Columbia.
Dewey, John*	'04	LL. D.	Philosophy	Rush Med. Coll.
Dodson, John M.	'80	R. A.	Medicine	Harvard.
Farlow, William G.	'04	LL. D.	Cryptogamic Botany	Elizabeth, Pa.
Fernandes, Gustave	'00	B. S.	Chemistry	Univ. Toronto.
Fernow, Bernhard E.	'97	LL. D.	Forestry	Univ. Iowa.
Ford, Arthur H.	'95	B. S.	Electrical Engineering	U. W.
Frost, William D.	'03	Ph. D.	Pathobiology	Univ. Kans.
Gardner, Harry	'05	R. S.	Civil Engineering	Washington.
Gilbert, Grove K.*	'04	LL. D.	Zoology	Penn. Coll.
Hadley, Stephen M.	'04	PH. D.	Astronomy	E. Orange, N. J.
Hall, Roy D.	'00	R. S.	Chemistry	Died Oct., 1911.
Hancock, Edward L.	'98	B. S.	Mechanics	Washington.
Harder, Edmund C.	'05	R. A.	Geology	Geneva, N. Y.
Harding, Harry A.	'96	R. S.	Pathobiology	U. W.
Hastings, Edwin G.	'99	M. S.	Bacteriology	Univ. Texas.
Heald, Frederick D.*	'94	R. S.	Botany	Univ. Michigan.
Hegner, Robert W.	'09	Ph. D.	Zoology	Johns Hopkins.
Heuer, George J.	'03	B. S.	Anatomy	New York.
Hillyer, Homer W.*	'82	B. S.	Chemistry	West Point.
Holden, Edward S.*	'87	LL. D.	Astronomy	Flaxburg, Va.
Holden, Roy J.	'00	P. S.	Geology	St. Louis, Mo.
Holferty, George M.	'93	B. S.	Botany	Ill. Wesleyan.
Homberger, Alfred W.	'05	R. A.	Chemistry	Minneapolis.
Hortvet, Julius	'86	B. S.	Chemistry	Madison, Wis.
Hotchkiss, William O.	'03	B. S.	Geology	Bryn Mawr.
Huff, William B.	'05	B. A.	Physics	Johns Hopkins.
Hulbert, Lorraine S.*	'03	B. A.	Mathematics	Fond du Lac, Wis.
Hutchins, Edgar B., Jr.	'89	M. S.	Chemistry	U. W.
Ingersoll, Leonard R.*	'83	Ph. D.	Physics	

NAME	CLASS	DEGREE	SCIENCE	LOCATION
Jenks, Albert E.	'99	Ph. D.	Anthropology	Univ. Minn.
Johnson, Roswell H.	'03	M. S.	Geology	Partlesville, Okla.
Kahlenberg, Louis*	'92	B. S.	Chemistry	U. W.
Kemmerer, George I.	'04	B. A.	Chemistry	Socorro, New Mexico
Key, Wilhelmine E.	'94	B. A.	Biology	Lombard Coll.
King, Franklin H.	'10	Sc. D. h.	Agr. Physics	Madison, Wis.
Kirk, Charles T.	'10	Ph. D.	Geology	Madison, Wis.
Kremers, Edward*	'86	Ph. G.	Plant Chemistry	U. W.
Lane, Wilmot B.	'99	Ph. D.	Psychology	Randolph-Macon Coll.
Laney, Francis B.	'05	M. A.	Geology	Washington, D. C.
Lasche, Alfred J. M.	'89	Ph. G.	Chemistry	Milwaukee, Wis.
Leith, Charles K.*	'97	B. S.	Geology	U. W.
Lincoln, Azariah T.	'94	B. S.	Chemistry	Rensselaer.
Lord, Henry C.*	'89	B. S.	Astronomy	Ohio State Univ.
Lutman, Benjamin F.	'07	M. A.	Potany	Univ. Vermont.
McClintock, Emory*	'84	Ph. D. h.	Mathematics	New York.
McNair, Fred W.	'91	B. S.	Physics	Mich. Coll. Mines.
Magnusson, Carl E.	'00	Ph. D.	Physics	Univ. Washington.
Mall, Franklin P.*	'04	LL. D.	Anatomy	Johns Hopkins.
Mark, Edward L.*	'04	LL. D.	Zoology	Harvard.
Marquette, William G.	'03	B. S.	Potany	Columbia.
Marshall, Ruth	'92	B. S.	Zoology	Rockford Coll.
Mason, Max*	'98	B. L.	Mathematics	U. W.
Mathews, Joseph H.	'03	B. S.	Chemistry	Stanford.
Meyer, Arthur W.*	'98	B. S.	Anatomy	Univ. Chicago.
Moore, Eliakim H.*	'04	LL. D.	Mathematics	Mass. I. Tech.
Moore, L. E.	'00	B. S.	Civil Engineering	Martinez, Calif.
Muir, John	'97	LL. D.	Geology	Ellensburg, Wash.
Munson, John P.	'87	B. S.	Zoology	N. J. Agr. Coll.
Nelson, Julius	'81	B. S.	Botany	Ark. Agr. Coll.
Nelson, Martin	'05	B. S. A.	Agriculture	Lawrence, Kans.
Newson, Mary W.	'89	B. A.	Mathematics	Chicago.
Ochsner, Albert John	'84	B. S.	Surgery	Pullman, Wash.
Olson, George A.	'02	B. S. A.	Chemistry	Iowa State Coll.
Pammel, Louis H.*	'85	B. S. A.	Potany	Washington, D. C.
Patten, Harrison E.	'02	Ph. D.	Chemistry	Johns Hopkins.
Pfund, August H.*	'01	B. S.	Physics	Univ. Michigan.
Pollock, James B.	'93	B. S.	Potany	London, England.
Power, Frederick B.	'08	LL. D.	Chemistry	Univ. Nebr.
Powers, Joseph H.	'89	B. S.	Zoology	Univ. Mo.
Reed, George M.	'04	M. A.	Potany	Milwaukee.
Reynolds, Edwin	'95	LL. D.	Engineering	Univ. No. Dak.
Ruediger, Gustav F.	'00	B. S.	Pathology	Geo. Washington U.
Ruediger, William C.	'99	Ph. B.	Psychology	Univ. Michigan.
Running, Theodore R.	'92	B. S.	Mathematics	U. W.
Russell, Harry L.	'88	B. S.	Patheriology	U. W.
Sammis, John L.	'06	Ph. D.	Chemistry	Univ. Mo.
Schlundt, Herman*	'94	B. S.	Phy. Chemistry	Harvard.
Schorer, Edwin H.	'02	B. S.	Patheriology	Washington, D. C.
Schreiner, Oswald*	'97	B. S.	Chemistry	Washington, D. C.
Schultz, Alfred R.	'00	B. S.	Geology	Olivet Coll.
Shedd, John C.	'99	Ph. D.	Physics	No. Dak. Agr. Coll.
Shepperd, John H.	'93	M. S. A.	Agriculture	Univ. Oregon.
Shinn, Frederick L.	'06	Ph. D.	Chemistry	Stanford.
Slonaker, James R.	'93	B. S.	Zoology	Purdue Univ.
Smith, Charles M.	'96	B. S.	Physics	Univ. Pa.
Smith, Edgar F.*	'04	LL. D.	Chemistry	U. W.
Smith, Leonard F.	'90	B. S.	Civil Engineering	Manila, P. I.
Smith, Warren D.	'02	B. S.	Geology	State Coll. Pa.
Stecker, Henry F.*	'93	B. S.	Mathematics	Syracuse.
Steenstrand, Halbert S.	'95	B. S.	Pathology	U. W.
Stoddart, Charles W.	'09	Ph. D.	Chemistry	Vienna, Va.
Stuntz, Stephen C.	'99	B. S.	Bibliography	New York.
Swenson, Bernard V.	'01	E. E.	Electrical Engineering	Mont. State Coll.
Tallman, William D.	'96	B. S.	Mathematics	Hays City, Kans.
Ten Eyck, Albert M.	'92	B. S. A.	Agriculture	U. W.
Terry, Earle M.	'04	M. A.	Physics	Armour I. Tech.
Tibbals, Charles A.	'04	B. A.	Chemistry	Cornell.
Titchener, Edward B.*	'04	LL. D.	Psychology	Stanford.
Townley, Sidney D.	'90	B. S.	Astronomy	St. Louis.
Trelease, William*	'02	LL. D.	Potany	Clarendale, Md.
True, Rodney H.*	'90	B. S.	Plant Physiology	Washington, D. C.
Updegraff, Milton*	'84	B. S.	Astronomy	U. W.
Van Hise, Charles R.*	'79	B. M. E.	Geology	Washington U.
Van Ornum, John L.	'88	B. S.	Civil Engineering.	Univ. Ok'a.
Van Vleet, Albert H.	'95	B. S.	Zoology	Univ. Utah.
Vorhies, Charles T.	'08	Ph. D.	Entomology	

NAME	CLASS	DEGREE	SCIENCE	LOCATION
Watts, Oliver P. -----	'05	PH. D.	Chemistry	U. W.
Weidman, Samuel -----	'94	B. S.	Geology	Madison, Wis.
Weinzirl, John -----	'96	B. S.	Patheriology	Univ. Washington.
Weniger, Willibald -----	'05	B. A.	Physics	Ore. Agr. Coll.
Wilcox, Guy M. -----	'02	M. A.	Physics	Armour I. Tech.
Wilcox, Wendell G. -----	'09	PH. D.	Chemistry	Cleveland.
Wilder, George W. -----	'96	B. S.	Electrical Engineering	Santa Barbara, Calif
Wilson, James -----	'04	LL. D.	Agriculture	Washington, D. C.
Wolcott, Edson R. -----	'00	B. S.	Physics	Chicago.
Woll, Fritz, W. -----	'86	M. S.	Chemistry	U. W.
Woodward, Calvin M. -----	'08	LL. D.	Mathematics	Washington U.
Yates, John L. -----	'95	B. S.	Medicine	Milwaukee.

Total 152, including 23 honorary degrees.

* Member of the 1,000 leading scientists in America.

† Dead.

**The Following Classes Hold Their
Reunions Next June:**

1858	1878	1898
1863	1883	1903
1868	1888	1908
1873	1893	

**Are you a member?
What are you going to do about it?**

GENERAL SECRETARSHIP ENDOWMENT FUND

Following is a copy of the letter sent to Alumni by the Executive Committee, requesting subscriptions to the General Secretarship Endowment Fund.



THE work of the Alumni Association seems to have established the belief that the university will reach its highest efficiency and be of the greatest service to the people of the state when all the alumni are co-operating to bring the university and the people into the closest possible relations, so that they are welded together in one combined effort to best educate and train our young people, to develop our natural resources, to secure for all the people the widest opportunities for moral and social growth and to establish those conditions which ensure the best type of citizenship.

As students, we were taught that the highest ambition of a citizen is the desire to be of real service to his community and to his state. As alumni, we are most happily situated to render such service. We constitute a body of citizens who have received the special benefit of a university training. We realize the value of the work of the university better than those who have not had our opportunity and we are therefore particularly interested in securing for our several communities and for the whole state the largest possible returns for the money we expend in the maintenance of the university.

Loyalty to our state, to our community, to our Alma Mater all inspire us to do our plain duty to render such service.

The recent growth in the Alumni Association and its work, which has established the need of this co-operation of all the alumni by organized effort, has also disclosed the need of funds to accomplish the necessary work. The work has grown to such proportions that the Association must have a General Secretary, who can devote his entire time to this work. He must have offices and office equipment, and at least one stenographer. This is not a new idea, but is practiced by the alumni of many of the large universities. A bureau of information will be maintained. Those wanting the services of educated men and women in any capacity will be put in touch with alumni who can render such service. This in addition to the expense of editing and publishing THE ALUMNI MAGAZINE which heretofore has absorbed our annual dues.

The Alumni Association has now developed into a working business organization to be conducted as a citizens' organization believing that the best interests of the people and the university are identical, and having work ahead of it of such value and magnitude that each and every alumnus will thoroughly appreciate the need of his doing his share of the work. Such an organization must be established on a sound financial basis, with the necessary working capital.

After very careful consideration, we have decided that we have a sufficient number of alumni who can af-

ford to assist in financing and who will gladly assist when they understand the proposition, so that by each contributing \$25.00, we can secure an endowment and maintenance fund which will enable the Association to proceed in its work. Without such fund, we can assure you the work will be seriously crippled.

We therefore enclose a subscription

card for \$25.00, hoping that you feel perfectly willing to sign it. If for any reason you prefer to delay payment of any portion of the amount, kindly state on the card when you will forward check. Thanking you for your co-operation, we remain,

Very truly yours,
THE EXECUTIVE COMMITTEE.
(Here follow the signatures.)

THE GROWTH OF THE SUMMER SCHOOL

The total registration in the Summer School for 1912 was 1,748, or 205 more than the total registration last year. The attendance at the Summer School has had a steady growth, having increased from 651 in 1907 to 1,748 this year. The appended table shows that there were 575 University of Wisconsin undergraduates in attendance, while about one-third of the total number were graduates. More than one-half of the entire number were teachers.

	1907	1908	1909	1910	1911	1912
Graduate Students—						
(a) U. W. graduates—	46	81	110	103	118	162
(b) Others	124	180	218	291	331	399
Total, graduate students	170	261	328	394	449	561
Regular Undergraduates—						
(a) U. W.	204	312	338	392	476	575
(b) Others	20	20	48	77	96	83
Total, undergraduates	224	332	386	469	572	658
Preparatory students and unclassifiable auditors	87	87	100	82	99	227
Normal School Graduates—						
(a) With bachelor's degree		27	48	59	46	87
(b) Others	135	150	190	243	291	336
Total, normal school graduates	135	177	238	302	337	423
Teachers—						
(a) College and normal school instr.		49	68	111	100	146
(b) College grads. and H. S. teachers	275	122	197	201	259	339
(c) Normal grads. alone		133	167	202	257	306
(d) Other teachers		80	74	116	106	141
Total, teachers	275	384	506	630	722	932
Teachers, primary and secondary, from Wisconsin		43	243	290	337	389
States and foreign countries represented	41		50	59	58	63
Total, summer school	651	1016	1128	1263	1543	1748

Attendance by States and Foreign Countries in 1912

Alabama	2	New Jersey	2	Belgium	0
Arizona	1	New Mexico	3	Canada	2
Arkansas	3	New York	25	China	13
California	9	North Carolina	3	Columbia	0
Colorado	6	North Dakota	14	Cuba	1
Connecticut	1	Ohio	48	England	1
Delaware	0	Oklahoma	3	France	1
Florida	1	Oregon	1	Germany	1
Georgia	8	Pennsylvania	17	Hawaiian Islands	0
Idaho	2	Rhode Island	1	Holland	0
Illinois	173	South Carolina	0	Hungary	0
Indiana	86	South Dakota	12	India	9
Iowa	48	Tennessee	8	Jamaica	0
Kansas	23	Texas	26	Japan	5
Kentucky	16	Utah	4	Mexico	6
Louisiana	1	Vermont	0	Paraguay	0
Maine	2	Virginia	3	Persia	1
Maryland	1	Washington	4	Peru	2
Massachusetts	5	Washington, D. C.	8	Philippines	0
Michigan	49	West Virginia	5	Porto Rico	0
Minnesota	43	Wisconsin	923	Russia	7
Mississippi	10	Wyoming	1	South Africa	3
Missouri	67	Argentine Rep.	0	Sweden	0
Montana	7	Armenia	2	Switzerland	1
Nebraska	9	Australia	1	Turkey	3
Nevada	1	Austria	1	Total	1748
New Hampshire	2				

THIS IS THE YEAR 1903 CELEBRATES
BEULAH C. POST, '03

DAY or so before Commencement our phone rang and I took down the receiver. Some one said, but I won't say who it was, "Say, what were the colors of 1902?"

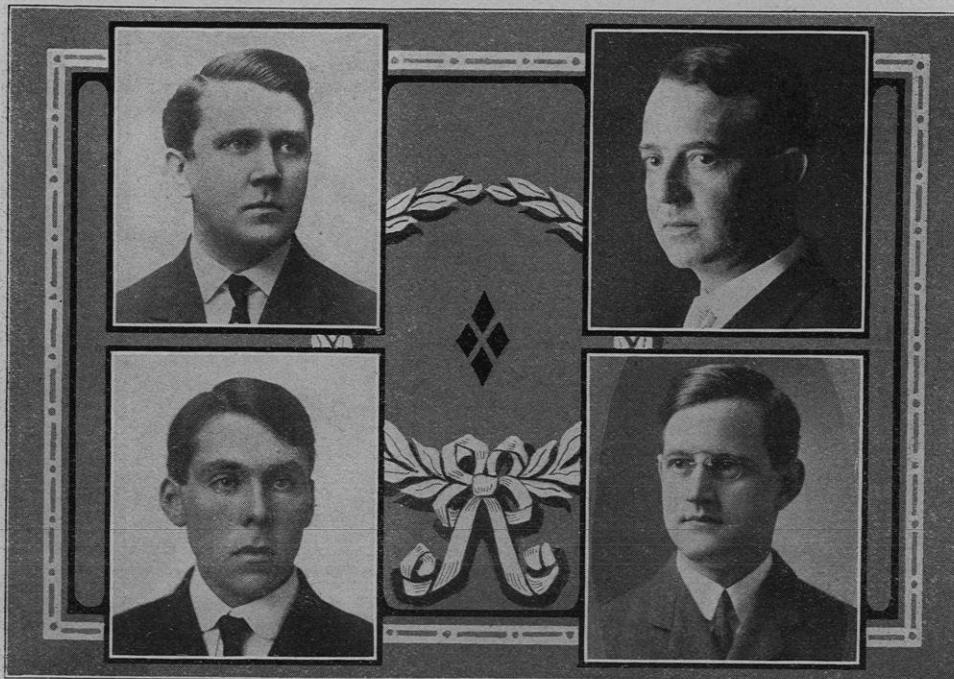
"What!" I answered, "you don't know your own class colors, and have to ask 1903?" "O, gracious me! aren't you a 1902?" "I should say not," I said. And so I had something more to twit "Bessie Krape's class" about—and it gave me a warning. 1902's excuse was that Lelia Bascom had gone to Europe. Well, Jean Byrne had gone to Europe too, but he hadn't taken all the class patriotism and executive ability with him. Those of 1903 who live in Wisconsin and northern Illinois know that some of the Madison alumni had sent out a call to arms a few days before Commence-

ment Week. If you care to know who did it, they were Andrew Hopkins, Jessie Pelton Smith, Elizabeth Bissel, John Cadby and W. O. Hotchkiss, and on Alumni Day, 1903 was not poorly represented. June 1911, at the Alumni banquet, 1903 was fifteen strong and this year sixteen registered, but many were too busy visiting on the campus to take time for registering. Irving Seaman could only stay until noon, but he left Milwaukee long enough to show his class spirit and he told us to count him in on anything. Harry Johnson had not changed a bit. Neither had Mae Telford. She talked just as fast as ever. She and Jean Bishop are the globe-trotters of the class, it seems. J. N. Cadby vouched for plenty of enthusiasm next year from Mr. and Mrs. Otjen, and Harry Johnson said he knew the Chicago alumni of 1903 were not sleeping, espe-

cially Dick Hollen. But there is no use in retailing all this. There is plenty of 1903 spirit abroad and we won't have to ask 1904 what our class colors are.

June 18, 1902, '03 held a class meeting and upon motion of Howard Dessert, it was decided that a meeting of the class would be held in Madison at the time of the Home-

meeting: From the Middle West—Milwaukee, Miss L. E. Flemming, H. E. Foelske, C. E. Hammersley, O. W. Kreutzer, C. F. Lemke, S. J. McMahon, H. H. Otjen and wife, Irving Seaman and Rodger M. Trump; Chicago, Howard Dessert, J. S. Dean, W. H. Haight, H. P. Howland, Harry Johnson, Mrs. A. M. Pritchard, R. J. Pickard, Mrs. L. A. Tracy



Roger M. Trump
Geo. R. Keachie

The Temporary Executive Committee

W. O. Hotchkiss
H. C. Johnson

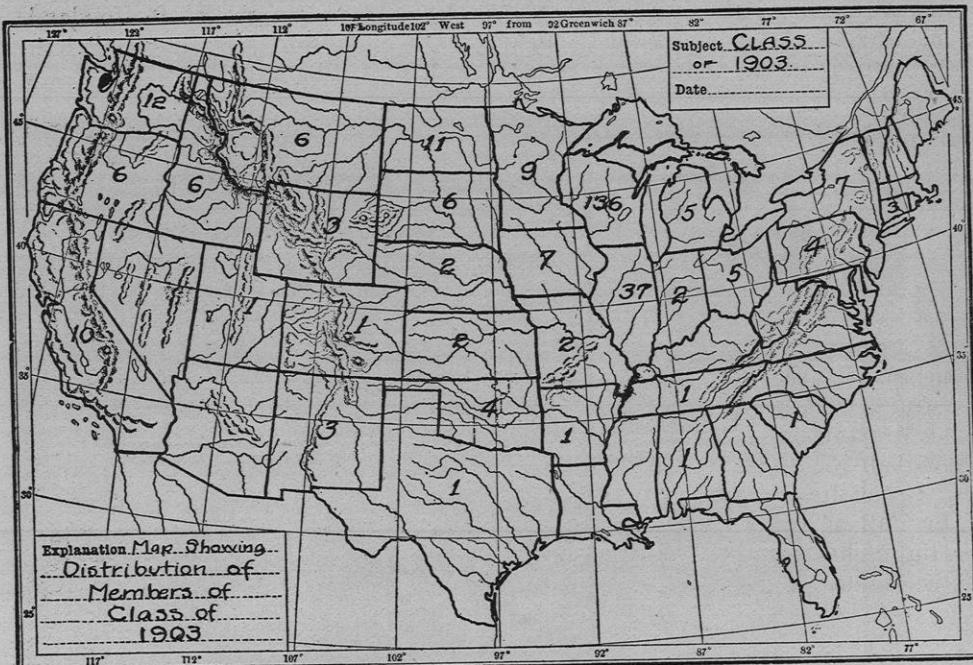
coming next fall. Maybe some of 1903 do not know that each year Wisconsin holds a Homecoming at the time of the most important football game at Madison. We have almost as good times them and see nearly as many of our old friends as we do at the June re-unions. A re-union committee consisting of the following members was appointed to make arrangements for the fall

and Stuart E. Washburn; La Crosse, L. J. Quammen, A. H. Schubert and C. H. Schweitzer; St. Paul, A. O. Corsvet and J. W. McCrossen; Minneapolis, H. J. Grimsby and H. A. Whittaker; Mason City, Iowa, Miss Mae Telford; from the Northwest—Dillon, Montana, Miss Jean Bishop; Billings, Montana, E. W. Theurer; Valier, Montana, H. J. Saunders; Cando, North Dakota, Josephine

Wells Moseley; Boise City, Idaho,
A. W. Savage.

An executive committee consisting of five members was chosen to have general charge of arrangements until a permanent committee would be

So this is the year 1903 celebrates. Be sure to come to the class dinner at Homecoming time this fall. The football game will be merely an incidental. Watch THE ALUMNI MAGAZINE for further announcements. At



WHERE MEMBERS OF THE CLASS OF 1903 ARE LOCATED

appointed at the football meeting. The members of this committee are: George Keachie, Madison, chairman; W. O. Hotchkiss, Madison; Mrs. Harry G. Smith, Madison; Rodger M. Trump, Milwaukee, and Harry C. Johnson, Chicago.

that dinner we shall lay our plans for a record-breaking re-union next June, and if any of you doubt that it will be fun, just come and we can guarantee to remove that doubt the minute you step foot on the campus of old U. W.

COACH WILLIAM J. JUNEAU, '04

A Biography



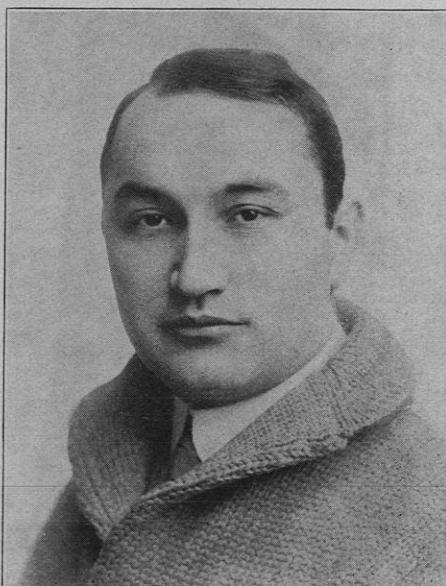
THE appointment of William J. Juneau as football coach has caused no little speculation among Wisconsin alumni as to the prospects of this fall's football season. Not because Mr. Juneau is unknown,—there is probably no Wisconsin athlete who is as well known as is Mr. Juneau—but rather because many alumni seriously doubted whether there was another coach available of John R. Richards' caliber. Mr. Richards had a remarkable record before he came to Wisconsin and added to his achievements last year. If records forbode future success, there can be no doubt of Mr. Juneau's success in Wisconsin football this year.

Coach Juneau came to Wisconsin in the fall of '99, from the South Side High School of Milwaukee. He made the football team that fall and won his letter in the first Conference game with Northwestern, playing half and end. A week later, on October 21, he played the entire game against Yale, at New Haven. The score was Yale 6 and Wisconsin 0, Yale scoring on a sixty-five yard run, four minutes before the end of the game, the only time Yale was inside of Wisconsin's forty-yard line.

In his freshman year, Coach Juneau won his letter in track, the only year he competed. He won his letter in football four years. In '99 he played left half and right end. In '00 and '01, he played right end, and left half in '02, holding the captaincy that same year. His most noted games were with Yale in '99; Minnesota in

'01, score, Wisconsin 18 and Minnesota 0; Michigan in Chicago, '02, score, Michigan 6 and Wisconsin 0. Juneau was a member of the athletic board three years and a member of the athletic council two years.

After graduation in 1904, Juneau coached Colorado College in the same



WILLIAM J. JUNEAU, '04

fall and tied his team with the Colorado School of Mines for the Rocky Mountain championship. In 1905, '06, and '07, he coached South Dakota State College in all branches of athletics and turned out the first winning football team South Dakota had had in seventeen years. During his stay at that college he lost two football games in three years, won the state track championship three years in succession, and the baseball cham-

pionship in 1907. Aside from coaching he taught mathematics in the preparatory school at the State College.

In the fall of 1908, Coach Juneau went to Marquette University of Milwaukee and developed teams for four years that compared favorably with the best teams in the country. The following were some of Marquette's famous games during Juneau's management: In 1908—Marquette 6, Illinois 6; Marquette 6, Wisconsin 9; Marquette 0, Notre Dame 6. In 1909—Marquette 5, Michigan 6; Marquette 2, Michigan 3, the only game lost that year. In 1911, Marquette did not lose a single game and tied Notre Dame for the third consecutive time, 0 to 0. In 1909 Notre Dame defeated Michigan 11 to 3 and was the undisputed

champion of the West until tied by Marquette on Thanksgiving day.

In baseball Marquette had winning teams. The most notable victories were over University of Minnesota, 5 to 2 and 4 to 2. Minnesota was the only Conference team with which Marquette could schedule games. While director at Marquette, Coach Juneau taught mathematics and history in the academic department for two years. During the past two years Mr. Juneau has been associated with the firm of Juneau-Hathaway Co., real estate, loans and insurance, holding the presidency and treasurership in that firm.

Mr. Juneau married Miss Nona Murphy, of Brookings, South Dakota, in 1908, and has one boy, three years old.

THE NEW BIOLOGY BUILDING

WALTER HERREN

THE opening of the first semester of 1912, at the University of Wisconsin, marks the completion of the new Biology building, or rather that part of the plan necessary for the immediate future. The complete plans include two wings which will be added to the east and west ends, when the growth of the university necessitates more room for these departments.

The present structure, built of limestone, is 243 feet long, 45 feet wide and six stories high. Below the ground floor there is a basement and a sub-basement. On the south side a three-story wing is built back opposite the main entrance. It includes storerooms and experimental laboratories in the basement, an auditorium

on the main floor, and the herbarium and a small laboratory on the top floor. Adjoining the south end of this wing are the greenhouses, which have a floor space of 4000 square feet. Adjoining the southeast corner of the main building is the zoological vivarium with a floor space of 2400 feet.

The laboratories and equipment of this building are among the best possessed by an American university. The basement story is devoted largely to plant physiology. A chemical and physical laboratory, part of which has a glass roof, immediately adjoins the greenhouses and is supplemented by dark rooms, a storeroom, a temperature room, a drying room, etc.

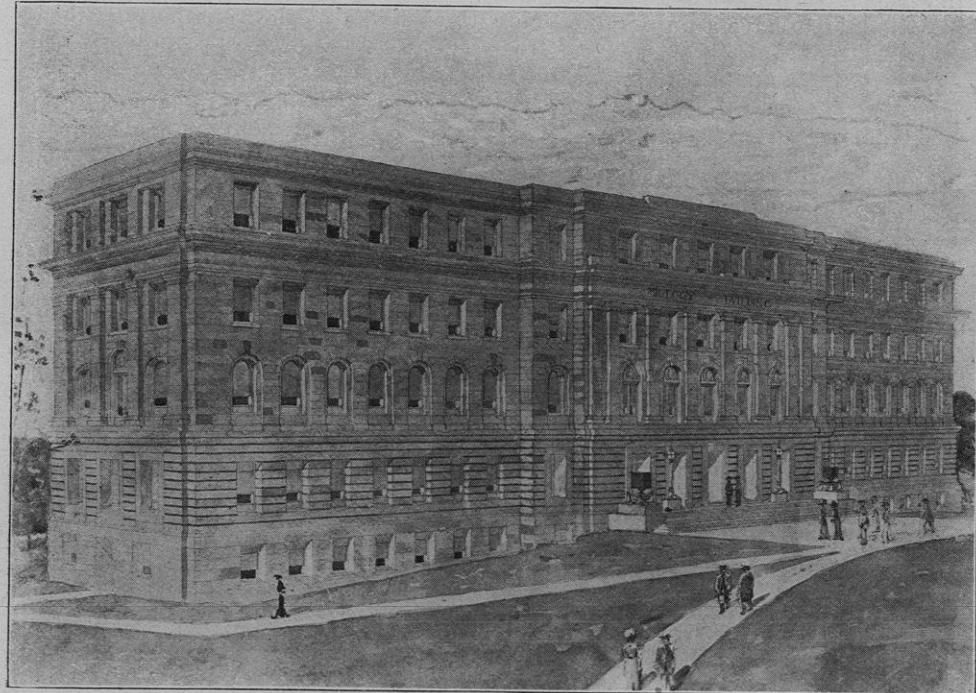
The ground floor contains a large storeroom, microscopical and chemi-

cal laboratories, for botanical work, and the vertebrate laboratory, store-rooms, temperature room, and dark rooms, for zoological work.

The museum will be just inside of the main entrance on the first floor. The south wing is occupied by a large

rooms, two lecture rooms, a morphology laboratory, research rooms and offices.

On the fourth floor is the library, two seminary rooms, entomology laboratories, the geological and natural history survey, a histological labora-



THE NEW \$200,000 BIOLOGY BUILDING

auditorium. The east and west wings will be taken up by the professors' offices and laboratories for embryology, invertebrate zoology, cytology, and others for experimental purposes.

The second floor contains research laboratories, chart rooms, dark room, cytology laboratory, herbarium, and two laboratories for classification.

On the third floor are the general biology laboratories, preparation

laboratory, the drug collection, and Prof. Owen's butterfly collection. On the roof is a small laboratory designed for photographic purposes.

The above is only a brief and very general description of the arrangement and equipment of the new building. Space will not permit a description of the many unique features which make this one of the best equipped biological buildings in America.

YOUR CLASS IN THE ASSOCIATION

THE Alumni Association with its new general secretary and its splendidly equipped offices has started upon an entirely new era of business-like management, and the Association may be said to have a pulse now. You will feel that pulse. The university will feel it. And it will be a warm pulse, beating only for the cause of a greater Wisconsin consciousness and a greater spirit for all that is just and good in the aims and ends of a university.

But you ask, "Just what does and will the Alumni Association accomplish?" A fair and legitimate question. Quite appropriate, too.

This is what the Association aims to accomplish with its constantly increasing membership:

"To preserve and strengthen the bond of interest and reverence of the Wisconsin graduate for his Alma Mater." This is to be done through

the General Secretary who will travel and meet alumni everywhere; through correspondence with alumni officers who will be able to carry on this work with the aid of a full time office clerk; through the employment bureau which will assist graduates in securing positions; through the new headquarters, the home of every alumnus, at 821 State St.; through the general information bureau concerning employment and whereabouts of all alumni; and through THE ALUMNI MAGAZINE which will be a weekly as soon as the Association is strong enough to finance such a large proposition.

In order that you may know how your class stands in the Association, the following table has been compiled, showing the numerical strength of all classes. If your class is low, look into the trouble and advise the Association how to go about securing all your classmates.

The Numerical Strength of the Classes

1912	146	1891	47	1879	18	1868	2
1906	112	1897	46	1875	18	1854	1
1910	110	1895	42	1880	15	1861	1
1911	98	1894	39	1876	14	1869	1
1907	97	1893	36	1872	12	1866	0
1908	90	1890	34	1874	10	1864	0
1904	81	1892	33	1873	7	1862	0
1900	77	1885	31	1877	7	1858	0
1909	75	1889	30	1878	7	1857	0
1901	74	1886	28	1870	6	1856	0
1905	72	1884	25	1871	6		
1903	71	1888	25	1865	4		1966
1896	64	1881	24	1863	3	Unclassified	100
1902	61	1883	24	1859	2	Ex-students	23
1899	54	1887	19	1860	2		
1898	48	1882	18	1867	2	Total	2089

EVERY ALUMNUS SHOULD KNOW THE REGENTS

THE board of regents of a great university should be known to all alumni and friends of the university. Acquaintanceships and friendships with administrators lead to a better understanding between the officials and the large body of people whom they serve.

Herewith are given the names of the present board, together with information concerning their relationship to the university.

JAMES F. TROTTMAN, PRESIDENT.

Graduated from the University of Wisconsin, ancient and modern classical course, in 1884; law, 1886. Occupation, lawyer and manufacturer. Appointed by Governor Davidson in 1908 and by Governor McGovern in 1911 and 1912. Term expires in 1915. Representative for the 5th district. Address, 516 Caswell block, Milwaukee, Wis.

ADOLPHUS P. NELSON, VICE-PRESIDENT.

Graduated from Hamline University in 1897. Occupation, president of the First Bank of Grantsburg and of the Burnett County State Bank of Webster, Wisconsin. Appointed by Governor Davidson in 1906. Re-appointed by Governor Davidson for the second term in 1909. Re-appointed by Governor McGovern for the third term in 1912. Term expires in 1917. Vice-president two years. Representative from 11th district. Address, Grantsburg, Wis.

MRS. FLORENCE G. BUCKSTAFF.

Graduated from the University of Wisconsin in 1886. Appointed by

Governor Davidson in 1908. Now serving the second term. Term expires in 1914. Representative for the 8th district. Address, Oshkosh, Wis.

THEODORE M. HAMMOND.

Graduated from the University of Chicago in 1885. Occupation, publisher of Sunday School Requisites. Appointed by Governor McGovern in 1911. Term expires in 1916. Representative for the 4th district. Address, Wauwatosa, Wis.

ORLANDO E. CLARK.

Graduated from Rochester University in 1876. Occupation, lawyer. Served five terms. Appointed by Governors Peck, Upham, Schofield, La Follette and McGovern. Appointed last by Governor McGovern in 1911. Term expires in 1913. Representative for the 9th district. Address, Appleton, Wis.

GRANVILLE D. JONES.

Graduated from the University of Wisconsin in 1882. Occupation, attorney. Appointed by Governor McGovern in 1909 and re-appointed in 1912. Term expires in 1917. Representative for the 10th district. Address, Wausau, Wis.

EDWARD EVANS.

Graduated from McGill University, Toronto, in 1887. Occupation, surgeon at St. Francis hospital, La Crosse, Wis. Appointed by Governor La Follette in 1902 and re-appointed by Governors Davidson and McGovern. Term expires in 1914. Representative for the 7th district. Address, La Crosse, Wis.

A. J. HORLICK.

Occupation, vice-president of Horlick's Malted Milk Co., Racine, Wis. Appointed by Governor Davidson in 1910 in place of Mr. Norcross, resigned. Term expires in 1913. Representative for the 1st district. Address, Racine, Wis.

J. W. MARTIN.

Spent four years at the University of Wisconsin, but took no degree. Occupation, farmer and live stock breeder. Appointed by Governor Davidson in 1910. Term expires in 1913. Representative for the 3rd district. Address, Gotham, Wis.

MISS ELIZABETH WATERS.

Graduated from the University of Wisconsin in 1885. Occupation, principal, high school, Fond du Lac, since 1898. Appointed by Governor McGovern in 1911. Term expires in 1915. Representative for the 6th district. Address, 57 Olcott St., Fond du Lac, Wis.

GILBERT E. SEAMAN.

Graduated from the Michigan College of Medicine and Surgery, 1889, and took graduate work in Berlin University, Germany, 1891-1892. Occupation, physician in Milwaukee. Appointed by Governor McGovern in 1911. Term expires in

1913. Serving first term. Representative from the state-at-large. Address, Milwaukee, Wis.

D. O. MAHONEY.

Graduated from the University of Wisconsin in 1895. Occupation, attorney, county judge, Viroqua, Wis. Appointed by Governor McGovern in 1912. Serving first term, which expires in 1915. Representative from the state-at-large. Address, Viroqua, Wis.

T. E. BRITTINGHAM.

Sent his resignation to Governor McGovern on July 23rd. Occupation, Brittingham & Hixon Lumber Co. Appointed by Governor McGovern in 1911. Term was to expire in 1914. No specific reason for his resignation known.

CHARLES RICHARD VAN HISE,
EX-OFFICIO.

Graduated from the University of Wisconsin in 1879. President of the university since 1903. Honorary degrees, LL. D., '03 Chicago; LL. D., '04, Yale; LL. D., '08, Harvard; LL. D., '08, Williams; LL. D., '09, Dartmouth.

C. P. CARY, EX-OFFICIO.

Graduated from Chicago University in 1896. Occupation, state superintendent of public instruction since 1903. Serving his third term, which expires in July 1913.

CURRENT ATHLETIC INTERESTS

J. W. WILCE, '10

FOOTBALL



BACK on the job once more! The fact was thoroughly established on the morning of September 20 when an enthusiastic squad of thirty-five men turned out for first football practice of the 1912 season. It was a browned and seasoned crowd of men. A majority of them came back with the reports of a summer on the farm or in the woods and the calloused hands of many bore good witness to their experience.

Old Camp Randall looked good to all and the way they capered around on the field during the morning workout put joy into the hearts of those in charge. To the older men the sight of the Varsity field with a thick covering of heavy, new sod was very gratifying. The Varsity squad this year is to be in charge of "Bill" Juneau, Wisconsin '04, who is to be head coach. He will be assisted by "Keg" Driver, '03, "Germany" Schultz and "Jack" Wilce, '10, Driver and Schultz with the Varsity and Wilce with the freshmen.

Juneau will be remembered as the former star Varsity end and captain in 1903. Since graduation he has coached at Colorado, South Dakota and for the past four years at Marquette University in Milwaukee. His success, especially with the last named institution, is universally known. Driver is well known as a coach of freshman teams at the Varsity. Last season he and Schultz acted as assist-

ant Varsity coaches under J. R. Richards. Another addition to the general staff is Mr. Joseph Steinhauer of Milwaukee, who will assist in the training and care of the team.

The return of eleven eligible "W" men gives the coach an excellent nucleus with which to work. The majority of the new, heavy line material has been recruited from Richard's winter football squad of last year together with a few of last year's freshman team. If things go right Wisconsin rooters may be gladdened by the sight of a heavy line with which the coach may work out the new rules to the best advantage. An abundance of backs and ends among the old men gives confidence of an excellent offense for the coming season.

This material will bear the brunt of a seven-game schedule, follows:

- Oct. 5—Lawrence at Madison.
- Oct. 12—Northwestern at Madison.
- Oct. 19—Purdue at Madison.
- Nov. 2—Chicago at Madison—Homecoming.
- Nov. 9—Arkansas at Madison.
- Nov. 16—Minnesota at Minneap.
- Nov. 23—Iowa at Iowa City.

The 1912 Homecoming.

November 2, 1912, is a date to be remembered. On this day Chicago, seemingly the biggest factor on the championship horizon, meets Wisconsin at Madison in the first real championship contest of the 1912 season. It is Homecoming day also. It is needless to say that it offers the

alumnus the annual opportunity of returning to Madison under the most favorable circumstances. Smokers and reunions of all kinds will be held, of which you will hear more later. It is also suggested that at this time a meeting of the alumni be held at which it will be possible for all those who are interested in the university athletics to air any ideas and opinions which they may have on this subject. In all probability the meeting will materialize and will afford an opportunity for a thorough understanding between all those interested in this broad part of the university activity.

Chicago Game Tickets.

Those desirous of reserving tickets for the Chicago game at Madison November 2, may do so by sending their order with inclosure to the Manager of Athletics, University Gymnasium. *The mail order sale will open October 19, 1912.*

A New Note—Poughkeepsie, 1912.

Wasn't that great? It seems that about every alumnus in the country was enthusing as above whenever he chanced to meet a fellow graduate or "quituate" of the university. Whenever Wisconsin men have met during the past summer there has been real enthusiasm over the showing made by our crews at Poughkeepsie in June.

The defeat of Columbia, Syracuse, Pennsylvania and Leland Stanford by our Varsity crew brought joy to Wisconsin hearts. The freshman crew, which also won second place, made an equally excellent showing which was appreciated only in a smaller degree. Some over-zealous Wisconsin crew supporters will be bound to say in their enthusiasm that had the Varsity race been half a mile

longer we would have overtaken the winner, Cornell, because we were gaining at the finish. Why try to dim Cornell's victory in this flimsy fashion? The acknowledged leaders in the Intercollegiate rowing world gained a victory which was clean cut and decisive. The Wisconsin men deserve real credit for their work in finishing second. Wisconsin supporters whose good fortune brought them to see the race of 1912 will never forget how Wisconsin, in fifth place at the start, but rowing in superb form down the course, overtook and passed crew after crew, until at the finish but a boat's length stood between them and the victorious Cornell oarsmen.

The rowing of the men was a testimonial of the work of Coach Harry Vail, whom they all more than respect and admire. The wholesome atmosphere which Mr. Vail has developed among his men through personal friendship and comradeship as well as through personal example, is ideal.

Athletic Bulletin—Free.

The Athletic Department will again publish the Athletic Bulletin this year. There will be twenty-three issues during the year, which will contain all Wisconsin athletic news and articles on certain sports in their various phases.

They will also be distributed free as programs at all the principal athletic contests of the year.

The department will send free copies of the more important issues to the various alumni associations, but if any alumnus desires to obtain the Bulletin regularly he may do so by sending the mere mailing cost of the twenty-three issues, which will amount to one dollar. Address Athletic Bulletin, Gymnasium.

ALUMNI HOMECOMING, NOV. 2, 1912

An Open Letter to the Alumni



On November 2, Wisconsin's football team will meet the Chicago team on Camp Randall field for the first big contest for the intercollegiate championship. This date has been set apart by the executive committee of the Alumni Association as the second annual fall Alumni Homecoming.

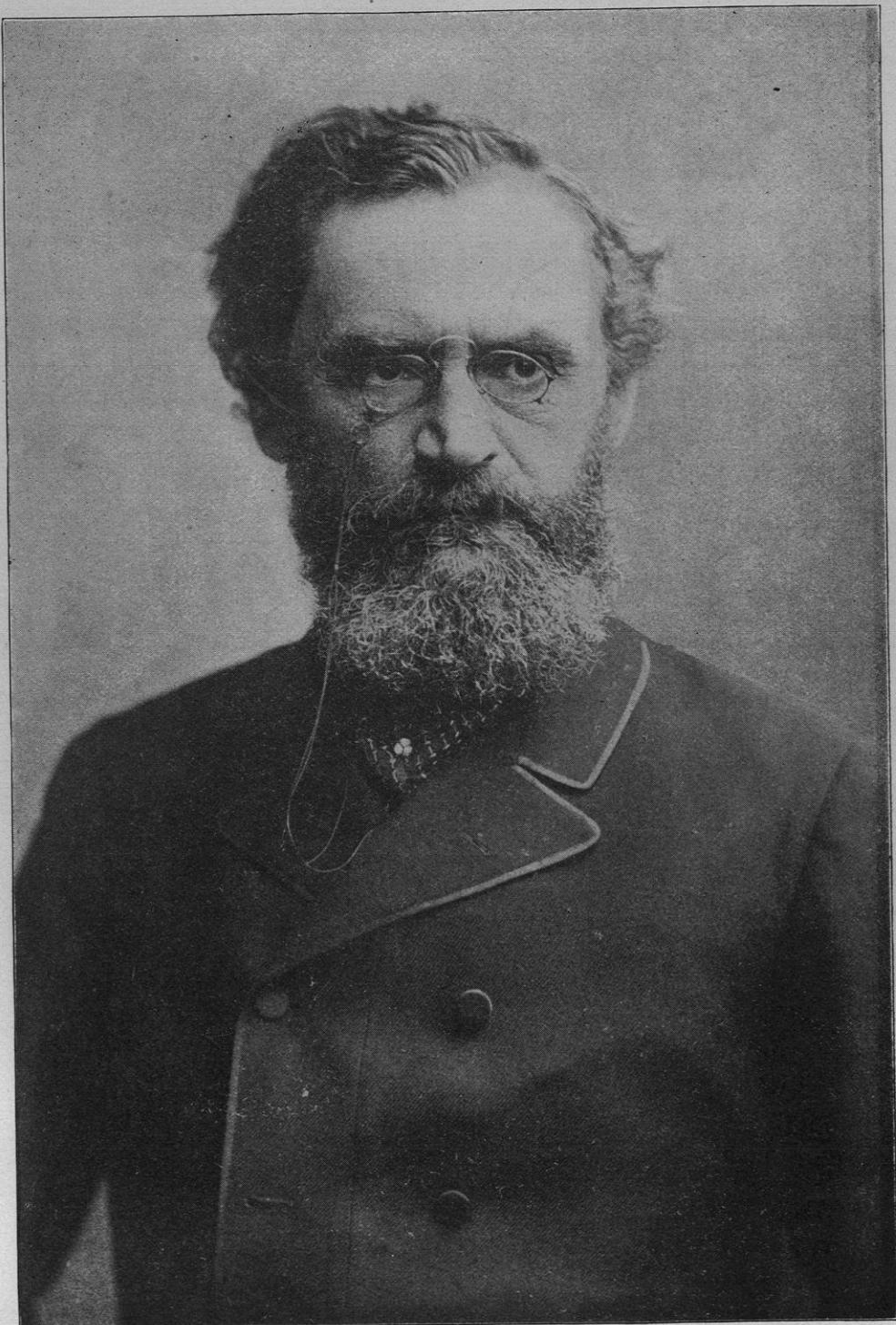
The fall Homecoming movement was originated a year ago at the time of the Minnesota football game. At that time a student and alumni committee provided entertainment for returning alumni. One committee provided rooming facilities to all applicants. Another arranged a mass meeting for the night preceding the game and a smoker in the gymnasium for the Saturday night of the game. A third committee provided a burlesque between halves, and a band met returning alumni at the trains.

The first Homecoming was a new venture, but its success appeared to justify its repetition. This year by beginning work for a Homecoming success with the opening of the fall semester, the event will be a more successful and better organized movement. This year too, it will be primarily an *alumni* movement.

If you are planning on returning for the Wisconsin-Chicago championship game make the Homecoming headquarters your headquarters.

If you want a room for yourself and friends make arrangements through the Homecoming committee. If you want information regarding ticket reservations address the Homecoming committee. If you have suggestions or ideas as to the mass meeting or the smoker or entertainment for alumni on the day of the game, help the committee by a letter. What, for instance, do you think of a section of the bleachers reserved for alumni? Would it be feasible to have the alumni march from the lower campus to Camp Randall behind the University Band? Who would be a good mass meeting speaker? What entertainment would you suggest at the smoker? The committee will appreciate your advice.

But remember, first of all, that there is to be a Homecoming. The date is November 2, 1912. Incidentally on that same date Wisconsin is going to defeat Chicago. You are wanted at Madison on that day to help. Come. Send your suggestions in advance. Back the committee for any service which it can render to make your Homecoming more pleasant. And come. Remember that when you get here you will be an alumnus returned, a sort of a Prodigal son along with seven thousand others, and we will all join in the killing of the fatted calf—to-wit, Chicago.



CARL SCHURZ, LL. D., '06

In Whose Memory the Carl Schurz Memorial Professorship was Founded by His Admirers in Wisconsin



DEPARTMENT OF GERMAN

FIRST CARL SCHURZ MEMORIAL PROFESSOR

BY PROFESSOR A. R. HOHLFELD

CARL SCHURZ died in the spring of 1906 at the ripe age of seventy-seven. Having come to America as a young man of twenty-three, it was a long life of service that he had given to the country of his adoption. But though an American citizen, second to none in loyalty and patriotism, he had always remained a sincere lover and convincing representative of the best traditions of German life and culture. His love for his wedded bride, as he himself happily expressed it, had indeed not lessened his affection for the mother of his youth. In precept and example he had embodied the ideal of the best of our American citizens of German descent.

It was eminently fit, therefore, that, shortly after his death, in German and American circles, various movements were started aiming to perpetuate his memory. One of the most notable of these endeavors took shape here in Wisconsin, where Schurz had spent the important years of his American apprenticeship, and happily, as far as the present writer is aware, the Wisconsin movement is the first to reach the stage of complete realization. Not a monument of

marble and bronze, fitting as that would have been, but a living memorial of ever fresh and vitalizing power was planned by the Schurz admirers in Wisconsin: the Carl Schurz Memorial Professorship, an endowed chair to be occupied in rotation by prominent representatives of German scholarship in the state university, of which Schurz himself had once been a regent over half a century ago. In this way some of the best that German intellectual life has produced will be brought, in perpetual freshness, before our young men and women seeking self development and training for service in the life of society. A closer or more valuable bond of cultural interrelation between America and Germany could hardly be thought of; none could certainly be in better keeping with the spirit of the life of Carl Schurz.

The scholar who has accepted the invitation to become the initiator of this new international professorship, Dr. Eugen Kühnemann of the University of Breslau, is no longer a stranger in America or at the state university. He came to our shores for the first time in 1905 under the auspices of the Germanistic Society of America to lecture before various

universities and in some of the more prominent German-American centers. Greatly attracted by American life and character he returned twice after that and served as German exchange professor at Harvard in 1906-07 and again in 1908-09. It was on his fourth trip to America, therefore, that Professor Kühnemann started from Bremen on Sept. 10. Before these lines appear in print he will have reached Madison, where a most cordial welcome is awaiting him. For he still has among us scores of admirers who heard him lecture in 1905 on Ibsen and Hauptmann and in 1907 on Goethe's *Faust* and who recall with pleasure his scholarly grasp of his subjects, his magnetic personality and that literally phenomenal power over language that never fails to fascinate his listeners.

The two subjects which Professor Kühnemann briefly presented in his few lectures of 1905 and 1907 are the same which he will treat at greater length in 1912-13: Goethe's *Faust* and Modern German Drama. In addition to these two regular courses, he will conduct a "literary colloquium," a sort of informal seminary, in which he will discuss with graduate students questions of literary interpretation in connection with the dramas of Schiller. Since at Harvard, during the latter part of his second stay, he also lectured in English, we entertain the hope that later in the semester he may have time to give a series of lectures in English so that his message may also reach those who are not able to follow him in German.

To be sure, the demands that Professor Kühnemann is planning to make upon his time and strength are many and varied. In accordance with

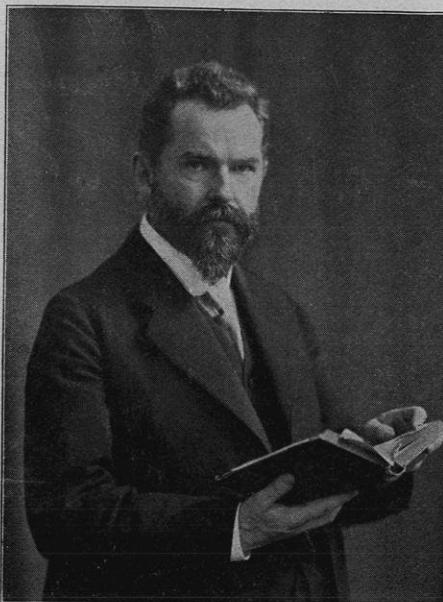
the terms of the Schurz Foundation, he will give occasional lectures in some of the larger cities of the state that contributed toward the fund. Milwaukee, for instance, which, of course, furnished the lion's share of the thirty-odd thousand dollars now forming the endowment fund, is already making arrangements for a series of Kühnemann lectures. The original plan of the central Milwaukee committee had contemplated the collection of sixty thousand dollars, which amount would permit of the annual appointment of a Schurz professor for a semester at a time, while the present endowment necessitates either a retrenchment of the length of service or an extension of the interval between appointments, neither of which is desirable. It is hoped that the presence of the first Schurz professor in our midst and the demonstrated success of the enterprise in actual operation may induce many who could be reasonably expected to wish to contribute to the Schurz Foundation and have not yet done so, to lend a helping hand. Especially the alumni of the university, although repeatedly appealed to, have not yet shown an adequate interest through actual financial support. May Professor Kühnemann's enthusiasm prove more contagious than that of the prophets in their own country.

Professor Kühnemann was born in '68 at Hanover and, at the age of not quite twenty-one, took his doctor's degree at Marburg with a dissertation quite characteristic of the subsequent development of his interests, on "Schiller's Kantian Studies and the Composition of *Wallenstein*." In 1903 he was called to the head of the newly established "Akademie" at Posen as its first "Rektor," transfer-

ring in 1906 to the University of Breslau as professor of philosophy. At Posen—the Prussian province of that name being without a regular university—it was his task to help build up a higher institution of learning in which German culture and scholarship were to be represented effectively and attractively among a population in part aggressively Polish. It was during his rectorate at Posen that Professor Kühnemann came to America for the first time, evidently deeply interested in the efforts of the Germans of America to maintain their language and the best of their traditions in the midst of a different national life.

Since 1893 numerous scholarly publications followed upon each other in rapid succession, dealing chiefly with philosophical and aesthetic problems in connection with the work of Kant, Spinoza, Herder, and Schiller. As a fruit of his prolonged stay at Harvard University, Professor Kühnemann also published a brilliant study of the life and character of "Charles W. Eliot, President of Harvard University," brought out by Houghton Mifflin Company in 1909. The best known and most widely read of all of his works is, without doubt, his excellent Schiller biography, universally recognized as one of the best and most helpful interpretations that we have of Schiller's personality and work. A fourth edition of it appeared last year and an English translation from the pen of Mrs. Royce, the wife of the Harvard professor of philosophy, is expected almost daily from the press of Ginn and Company. Only a few weeks ago Professor Kühnemann published his last work, a complete revision, not to say rifacimento, of his original Herder biography of 1895.

Though holding at Breslau a chair of philosophy, Professor Kühnemann's chief interest has always been in subjects lying on or near the border line of philosophy and literature, and every student knows how numerous and important such subjects are in the German field. The great



DR. EUGEN KÜHNEMANN. University of Breslau

majority of his works deal with the world of German classical literature and idealistic philosophy. Although himself a thoroughly modern man, full of intense interest in the tendencies and problems of the present, he sees in the great personalities and achievements of the age of Kant and Fichte, of Herder, Schiller and Goethe the highest development thus far of German genius, the most precious gift which, even now, Germany has to offer to the world. He therefore presents and interprets his heroes not so much in an objectively historical manner, but rather as living person-

alities from whose efforts of self-realization and self-expression we of today may learn much for the solution of the deeper problems of our own age. He is an able and convincing representative of that type of scholar who, like Emerson, is free from all disdainful exclusiveness, but ever mindful of the great service that all true scholarship, humanistic as well as scientific, can render to the life of the individual and of society.

In this way, it is not only Professor Kühnemann's ripe culture and scholarship, but also his personal attitude toward his problems and his past experience, that pre-eminently fit him

to be a guide to the best of German thought and art, not only for his own countrymen, but also for all searchers after personal and national ideals of culture in foreign lands. Professor Kühnemann's recent letters to the present writer have given abundant proof of the enthusiasm with which he is about to enter upon his work and of the largeness of vision with which he conceives his task. Let students and faculty, let Madison, Milwaukee and Wisconsin meet him with a sympathy and enthusiasm only half of his—and the fullest success of the first Carl Schurz lectures will be amply assured.





THE department of anatomy is the only department in the Medical School which up to the present has offered courses during the summer session. In this department over fifty students were registered for the various courses, many of them from outside the state. After the end of the regular summer session a considerable number of students remained for extra work so that the laboratory has been busy through the summer. While there has been demand for summer session work in the other departments of the Medical School, no regular courses have thus far been offered in these because of the uncertainty of the demand being such as to justify the expense. In the departments of physiology and pharmacology, however, there has been much scientific activity during the summer. Professor Eyster spent a part and Professors Loevenhart and Meek have spent the whole summer vacations actively at work in the laboratory. Dr. Joseph Erlanger, professor of anatomy at the recently heavily endowed Washington University, St. Louis, has spent the summer in Madison carrying out investigations in the department of physiology, and Dr. Samuel Amberg, formerly associate professor of pediatrics at the Johns Hopkins University, now a member of the staff of the Otho Sprague Memorial Institute, Chicago, and Dr. W. H. Brown, professor of pathology at the University of North Carolina, spent

a large part of the summer in scientific work in the department of pharmacology. In all publications resulting from their work here these investigators will give due credit to the university. It is very gratifying to find men of this calibre attracted to the university during the summer.

The removal of the departments of botany and zoology to the new biology building during the summer has made it possible to give more room in Science Hall to the department of anatomy and to transfer the department of pathology from South Hall to Science Hall. The biological laboratory, in which many hundreds of students during the past thirty years have received elementary training in botany and zoology, will now be used for histology, neurology and embryology. The quarters occupied by zoology in the south wing on the third floor, and the botanical greenhouses will be arranged to accommodate the department of pathology.

The Olin House, with the added new wing, is being rapidly brought into shape for the use of the university medical adviser and his staff. The quarters hitherto occupied have proved utterly inadequate for the demands made upon this department, but when the new quarters are completed the accommodations should amply suffice for some years to come.

C. R. BARDEEN,
Dean of the Medical School.

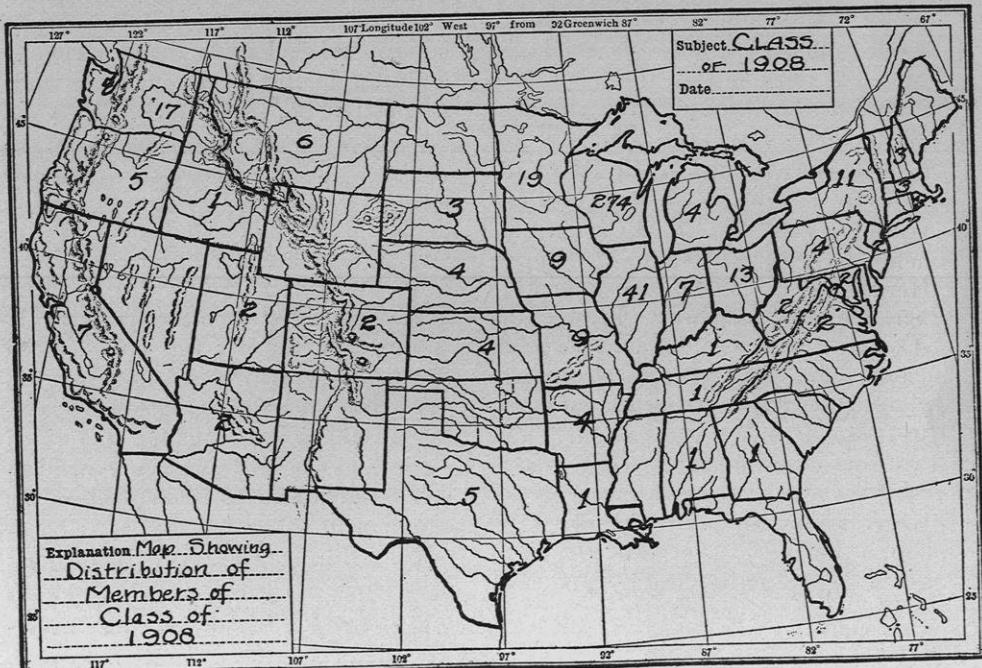
THE 1908 REUNION

GEORGE C. MATHEWS, '08

PLANS for the reunion of the class of 1908 have not reached a definite stage as yet, but it is expected that they can be announced within a short time. There are a number of members of the class now living in Madison and it may be found best to handle the reunion from Madison. At the Homecoming on November 2 the class

amount of work involved in perfecting plans must not be overlooked, and we are anxious to hear from any members of the class who have any suggestions to offer.

Letters have already been received from some of the members who feel the class-spirit most strongly and everything seems to indicate that our reunion will be the greatest ever held at Wisconsin. Alumni associations in



THE CLASS OF 1908 IS ALREADY SCATTERED FAR AND WIDE

will be well represented and it is hoped that a meeting of those who visit Madison can be arranged and a committee appointed to take charge of the reunion. Although it may be rather early to start active preparations for the meeting next June the

all cities outside of Madison are in a position to furnish a great deal of help. Wherever such organizations are organized there is an opportunity for the '08 members to meet and prepare to furnish their part of the work and of the enthusiasm necessary. En-

thusiasm has always been a prominent characteristic of our class, from the time when we won *two* class rushes and when we drowned out all other class yells at our first convocation. There are a lot of our members who have enough of that quality still to make the reunion of 1908 the most complete success of any ever held in Madison, and some of the most en-

thusiastic ones may expect to be called upon to push it through.

Tentative plans will be outlined by members living in Madison and on November 2 we will expect to see the class of 1908 so well represented that definite reunion organization can be perfected. Come back for the Homecoming and watch for notices of a class meeting!

THE WISCONSIN ALUMNI CLUBS

SIOUX CITY, IOWA, ALUMNI CLUB MRS. JULIA CLARK HALLAM, '81

The Wisconsin Alumni Association of Sioux City is composed of about twenty-five members, all either graduates or former students of the university. Our annual banquet was held last April at the home of Mrs. Henry J. Taylor (Rose E. Schuster, '85). The following officers were elected: President, Mrs. Henry J. Taylor, '85; vice-president, William J. Bertke, '03; secretary-treasurer, Mrs. Julia Clark Hallam, '81. An

attempt was made to secure the presence of a member of the faculty at the banquet, but sickness interfered with the plans. The Sioux City Association welcomes university men at all times. Members will consider it a great favor if they are informed of the presence of a U. W. man in the city. They would like to arrange meetings with former students from Wisconsin.

U. W. CLUB OF PITTSBURGH R. B. ANTHONY, '05

The last get-together of the U. W. Club of Pittsburgh was for an informal smoker at the Fort Pitt Hotel, Pittsburgh, on May 11. Now that cooler weather is approaching, we shall continue our frequent meetings. We are very glad to have a copy of the new alumni directory of the university, and while it is accurate for the most part, a number of changes have occurred since it went to press. Dr. R. C. Benner, '05, formerly as-

sistant professor of chemistry at the University of Arizona, is now in the research department of the University of Pittsburgh. T. R. Cook, '00, is engineer of motive power, Pennsylvania Lines West, with office at the Union Station, Pittsburgh. Dr. T. W. B. Crafer, '99, is in the department of sociology of the University of Pittsburgh. O. W. Storey, '10, has resigned from the National Metal Moldings Co., Economy, to take up work

at the University of Wisconsin, and his position is now filled by F. F. Farnham, '09. George W. Hewitt, '08, has been made assistant superintendent of blast furnaces of the Na-

tional Tube Co., Wheeling, W. Va. W. S. Wheeler, '05, was married on June last to Miss Nancy Hice at New Castle, Pa., where they are making their home.

BALTIMORE ALUMNI CLUB R. F. FISHER, '09

There were eleven members in the club last year, and to tell you the truth we never had any rousing formal meetings. We had several informal parties in celebration of some of Wisconsin's victories, but that was all. Only last Sunday one of the surgeons here (Washington Univer-

sity Hospital) who comes from Boston, asked me why it was that Wisconsin was so well known and how it managed to keep its alumni members in such close touch with one another. (Can the Baltimore Club be responsible for this in spite of its few meetings?—EDITOR.)

ROCKFORD ALUMNI CLUB HUGO H. HERING, '10

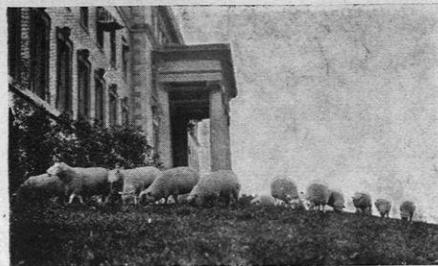
The club has not been very active in Rockford this summer because of its members being away, and also be-

cause the function of the club has been practically assumed by the Rockford University Club.

THE "W" CLUB OF MILWAUKEE HARRY W. BROWN, '10

The first of the monthly luncheons of the Milwaukee Alumni Association was held at the Hotel Charlotte on Thursday, Sept. 5, at 12 o'clock. Plans for a definite reorganization of the association were taken up and dis-

cussed at that time, and a draft of a new constitution submitted. The Milwaukee Association is to take charge of the annual University Glee Club concert which will be held here in the Pabst theater on evening of Dec. 26.



THE NATIONAL NEWSPAPER CONFERENCE

WILLIAM J. ANDERSON, '96



HAT the National Newspaper Conference, held in Madison July 29 to Aug. 1 under the auspices of the Extension Division of the University of Wisconsin was a notable success, is the view held, I believe, by all who attended its various sessions; and is clearly attested by the resolution offered at the closing session by four newspaper and magazine writers from other states, asking the University of Wisconsin to call a second conference in 1913. The gentlemen presenting that resolution were Charles Grasty, editor and publisher of the *Baltimore Sun*; Hamilton Holt, managing editor of *The Independent*; Livy Richards, editor of *The Boston Common*; and W. T. Lovett of the *Grand Rapids Press*.

I but give expression to the general sentiment concerning the conference, therefore, when I say it was a pronounced success—a noteworthy gathering for a worthy purpose.

The conference called to consider the purely ethical side of news-writing and news-publishing was but a phase or symptom of the widespread movement toward the freshening or revival of ideals which we are experiencing in this country. This movement has been more demonstrative in the domain of politics than elsewhere, but it is touching and quickening all forms of human activity from commercial pursuits to the teaching of religion.

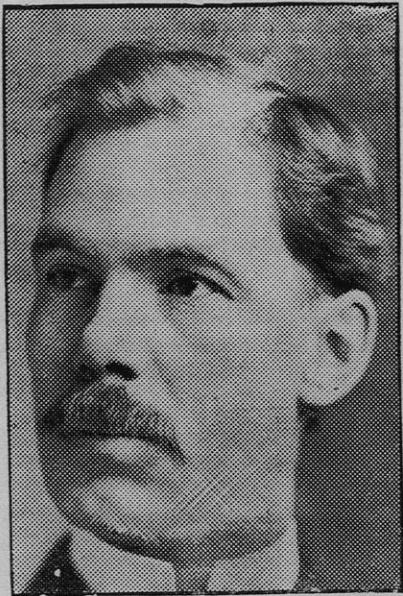
Many centuries ago a wise man trying to interpret for himself the

slowness of the race in sensing the Divine purposes concerning themselves said: "The times of their ignorance God winked at but now commandeth all men to repent." Expressing this in present-day language we should say that history records conspicuous culminating points, where the sentiment of mankind concerning some evil or injustice has matured. Wrongs continuing until they seemed to be a part of the constitution of things, after a



E. J. WARD, SECRETARY

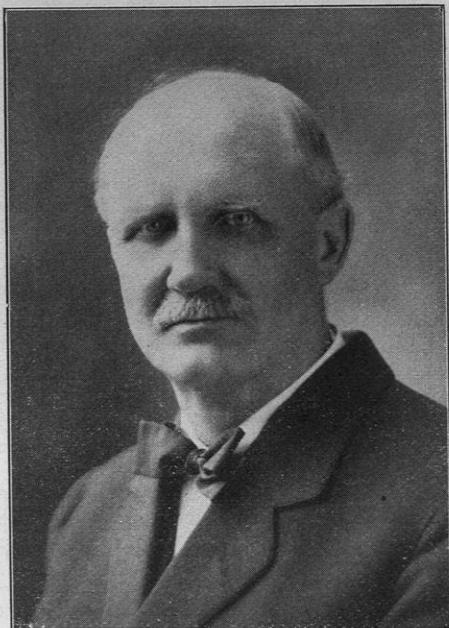
time have revealed themselves in their most sinister aspect, and mankind has awakened to smite. Thus there appears to have arrived a maturing time in the sentiment of the public concerning the ethics of news-writing and news-gathering. And because the work of gathering and distributing the information upon which largely an intelligent public bases its conduct and philosophy of



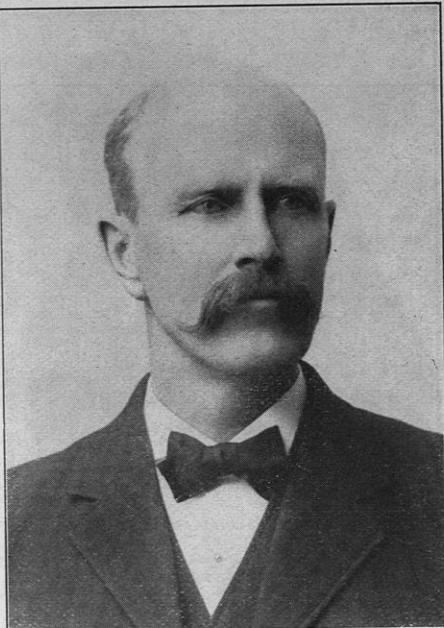
PROFESSOR E. A. ROSS
Member of Programme Committee



DEAN L. E. REBER
Chairman of Programme Committee



WILLIAM J. ANDERSON, '96
Chairman of Executive Committee



E. B. STEENSLAND, '81
Treasurer of Executive Committee

life is one of peculiar importance and responsibility, it was fitting that the attempt to discuss frankly the delicate and subtle questions involved should have been the undertaking of a great university.

Somewhere between the extremes of the views expressed concerning the question of the commercializing or debauching of the press,—of those who declared that the evil extended to the news columns of all important metropolitan papers, and of those who with equal earnestness and good faith declared that in their experiences as writers and publishers they had never known of any attempts to deflect the news columns from the line of truth and fairness—lies the truth. No serious-minded writer for the newspaper press can be blind to the fact that influences are at work which must in the na-

ture of the case, if they are not resisted, seriously impair the freedom of the press.

It will not do to dismiss the question with the statement that the newspaper or the magazine is a business proposition and must be conducted accordingly. It is and should always be infinitely more than that, and the safety of society lies in keeping it always on a higher plane than that of a mere commercial enterprise.

Such gatherings as the National Newspaper Conference must tend inevitably to the raising of ethical standards among writers and publishers. And so to those who had a hand in planning and carrying out this year's conference, it is gratifying that its success has created a demand for another such gathering in 1913.



EXECUTIVE COMMITTEE MEETINGS



THE first meeting of the executive committee for 1912-13 was held at Madison on June 19. C. N. Brown, '81, was elected treasurer of the Association, and Lynn S. Pease, '86, a member of the executive committee. Aside from these two elections the committee concerned itself with routine matters, such as the printing of the Magazine, and the receiving of reports.

The second meeting of the committee took place on August 24 at Milwaukee. Mr. Brown reported in behalf of the auditing committee that the accounts of THE WISCONSIN ALUMNI MAGAZINE had been examined and found correct. A special committee appointed to examine into the status of life memberships recommended that life members whose entire fee has not yet been paid be requested to either remit the balance due within thirty days of notification, or sign a promissory note for said balance, with interest at 6% per annum. The recommendation was adopted. A communication from Harriet B. Merril, '90, containing suggestions for the improvement of the alumni work, were read and placed

on file. Louis P. Lochner, '09, was elected general secretary, and Theodore R. Hoyer, '12, assistant secretary of the Alumni Association. It was voted to grant the pharmacy department of the university not to exceed four pages of space per month in THE ALUMNI MAGAZINE. The following resolution was carried: "Resolved, that the Alumni Association establish a publicity department for the purpose of furnishing to the press of the state at least a weekly news letter relating to the university and its work, such letter to be under the direction of the general secretary. A special Homecoming committee to co-operate with the athletic authorities in securing a large alumni attendance for the Chicago game was appointed as follows: Harry W. Brown, '10, Milwaukee; Kenneth F. Burgess, '10, and L. P. Lochner, '09, Madison; R. F. Schuchardt, '97, Chicago; and Charles H. Schweitzer, '87, La Crosse. The following committee on publication was appointed: Messrs. Pease, Buckstaff, Jones, and Tenney. The rest of the meeting was taken up principally with a discussion of the general secretaryship and plans for Association expansion.

EDITORIAL

THE SECOND HOMECOMING



THE second Homecoming on November 2, the day Wisconsin plays Chicago, is to be primarily an alumni venture this year. The resident student is, of course, interested in the occasion and will do his share to fill the bleachers with his many alumni friends. But the alumni particularly should perfect their own organization, inasmuch as this is the one big athletic event of the year and alumni attendance is absolutely necessary in order to arouse graduate interest in winning or losing Wisconsin athletic teams.

While the football game may be the great attraction of the day, still renewed friendships and fellowships have their equally great attractions, and it was for this two-fold purpose that a Homecoming day was set aside as an annual event last year. Reunion classes will find this day particularly valuable for organization purposes. The class of 1903 will hold a banquet on November 2 for the express purpose of laying plans for their big reunion in June. Other classes might profit by following the example of 1903.

The alumni Homecoming committee consists of Harry W. Brown,

'10, Milwaukee; Kenneth Burgess, '10, Madison; Louis P. Lochner, '09, Madison; R. F. Schuchardt, '97, Chicago; Charles R. Schweitzer, '85, La Crosse; Arthur H. Gruenewald, '08, Oshkosh. This committee has been already actively engaged for the past two weeks in giving publicity to the day and in developing plans for entertainment and special features, such as a smoker, parades, speeches, etc. The committee, however, desires the vote or opinion of the alumni on some of the vital problems and submits the following questions to every reader of *THE WISCONSIN ALUMNI MAGAZINE*, trusting that they will send in prompt replies and suggestions.

What do you think of a section of the bleachers reserved for alumni? Would it be feasible to have the alumni march from the lower campus to Camp Randall behind the university band? Who would be a good mass-meeting speaker? What entertainment would you suggest at the smoker?

The success of the second Homecoming will depend upon your interest and co-operation. Are you "will'en"?

A STOREHOUSE FOR ENGRAVINGS

THROUGH the courtesy of the class of 1913, publishers of this year's *Badger*, and the managers of

the *Athletic Bulletin*, and *The Wisconsin Magazine*, the entire lot of halftones used in the past year has

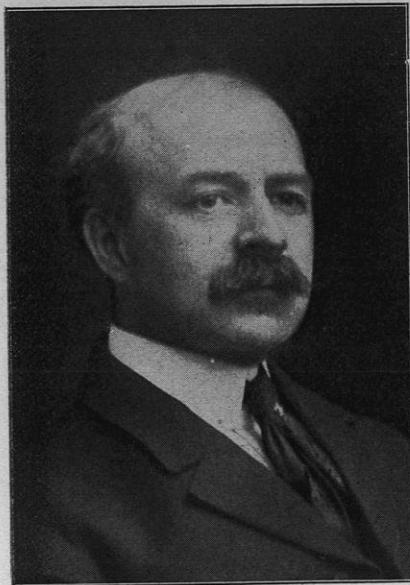
been entrusted to the care of the Wisconsin Alumni Association. These engravings, many of them extremely valuable, will be filed away in proper cabinets, labeled and indexed, for the benefit of all official university publications.

This centralization of university engravings could not have been made

possible had the editors and managers of the above publications not given their hearty cooperation. Our thanks are due them, particularly to the editor of the 1913 *Badger*. We look forward to the continuance of this policy, having in mind only the purpose of serving the university.

ANENT THE INSERT

THE business manager of the university has kindly supplied THE WISCONSIN ALUMNI MAGAZINE with



DR. BUMPUS

the insert bound in the back of this volume. This is the report upon the receipts and expenditures of the

university for the years 1910-1911, presented to the board of regents by the business manager, Dr. H. C. Bumpus. The purpose of this report, as stated, is, briefly, to ascertain the amount of money the university receives and how this money is spent. The report is largely a summary table, setting forth simply, clearly and intelligibly the receipts and expenditures of the university.

Alumni are kindly requested to study this report with the same diligence that they employ in their own private business affairs. This university is theirs and its welfare must be theirs. The General Secretary encourages every reader to send in for information on any or all parts of this report. Through its very nature, a summary is brief, so if there is any additional information desired, do not hesitate to ask for more detailed facts. The information is here, and the Secretary will be only too glad to give his assistance wherever he can.

ALUMNI NEWS

The success of this personal news department is dependent upon the interest every alumnus takes in his Magazine. News items should come direct from graduates if this department is to be valuable and reliable. Contributors to these columns will greatly aid the editor if they designate the class and college of the subject of their sketch in the news items.

Following is the list of class secretaries who send in news of their respective classes:—
1884, Milton Orelup Nelson; 1887, Mrs. Ida E. Johnson Fisk; 1888, Florence Porter Robinson; 1889, Byron Delos Shear; 1890, Willard Nathan Parker; 1892, Mrs. Linnie M. Flesh Lietze; 1893, Mrs. Daisy J. Chadwick Bolender; 1896, George Farnsworth Thompson; 1897, Mrs. Laura A. Osborne Austin; 1898, Jeremiah P. Riordan; 1899, Mrs. Lucretia Hinkley McMillan; 1900, Joseph Koffend, Jr.; 1902, Mrs. Merle S. Pickford Stevens; 1903, Willard Hein; 1904, Mrs. Florence S. Moffat Bennett; 1905, Louis H. Turner; 1906, Marguerite Eleanor Burnham; 1907, Ralph G. Gugler; 1908, Winifred Merrill and Thomas Hefty; 1909, Eugene Arthur Clifford; 1910, Kemper Slidell; 1911, Erwin A. Meyers; 1912, Harry John Wiedenbeck.

BIRTHS

1906. Born—To Mr. and Mrs. Ralph Hetzel, Corvallis, Oregon, Aug. 19, a son.
1906. Born—To Mr. and Mrs. J. Platt Brush, Madison, July 13, a son.
1907. Born—To Professor and Mrs. Frank O. Holt, Edgerton, Wis., in July, a son.
1907. Born—To Mr. and Mrs. James G. Milward, Madison, Sept. 1, a son, James Mandt.
1909. Born—To Mr. and Mrs. Arthur Jorgensen, Tokio, Japan, Aug. 5, a son, Gordon Lockwood. Mrs. Jorgensen was Lona Irene Bergh, '09.
1909. Born—To Mr. and Mrs. Louis P. Lochner, Madison, July 26, a daughter, Elsbeth Hoyer.
1910. Born—To Mr. and Mrs. Theodore Herfurth, Madison, Aug. 5, a daughter. Mrs. Herfurth was Genevieve Gorst, '10.

ENGAGEMENTS

1905. Announcement has been made of the engagement of Miss Marion Morgan, Oshkosh, to Rufus J. Kellogg Schriber, '05, also of Oshkosh. Mr. Schriber is a member of the Chi Psi fraternity and is at present with the Oshkosh Logging Tool Co.

1906. Lieut. Col. and Mrs. J. A. Watrous of Milwaukee, announce the engagement of their daughter, Maude, '06, to Ernest E. Betts of Chicago. Miss Watrous is a member of the Chi Omega sorority.
1906. Mr. and Mrs. Granville D. Jones of Wausau have announced the engagement of their daughter, Miss Orpha Edna, to Ralph Waldo Collie, '06, also of Wausau. Miss Jones, a graduate of Vassar College, took graduate work at the university for a time and is a member of Alpha Phi sorority. Ralph Collie, a member of Phi Delta Theta fraternity, is manager of the Wausau Quartz Co.
1908. Mr. and Mrs. Erskine M. Parmelee of 1907. Sheboygan have announced the engagement of their daughter, Mary Reynale, '08, to David Dwight Rowlands, ex-'07, of Racine. Miss Parmelee is a member of the Delta Delta Delta sorority, and Mr. Rowlands, Swarthmore, '09, is a Phi Kappa Psi.
1912. Announcement has been made of the engagement of Miss Mildred Shipp of Paris, Ill., to Harold G. Pickering, '12, Superior.
1887. Professor Charles H. Haskins, '87, dean of the graduate school of arts and sciences at Harvard University,

MARRIAGES

and formerly in the history department of the university, from 1890 to 1902, was married to Miss Clare Allen, daughter of Mrs. George W. Allen of Cazenovia, N. Y. The wedding took place at St. James' church, London, England. Professor and Mrs. Haskins will be at home after October 1, in Cambridge, Mass.

1890. The marriage of Christian Hinrichs, Eng. '90, of Seattle, Washington, to Miss Mary Elizabeth Rosendale of New York City took place at Ocean Grove, N. J., this summer. The groom is at present chief engineer for the Seattle Construction and Dry Dock Co. The couple will reside in Seattle.

1899. The marriage of Miss Mary Elizabeth Gay, '08, to James Upjohn, '99, of Rib Lake, took place on July 9, at the home of the bride's parents, Mr. and Mrs. William M. Gay, of Bloomington Grove. Mr. and Mrs. Upjohn will live in Rib Lake, where Mr. Upjohn is engaged in the drug business.

1902. J. W. Hamilton announces the marriage of his daughter, Dorothy, of Anaconda, Mont., to William Ryan, '02, of Madison.

1902. Announcement has been made of the marriage of Miss Tillie Hanson, daughter of H. C. Hanson of Eau Claire, to Thomas F. Frawley, L. S. '02, of the same city. Mr. Frawley was graduated from the law school in 1905 and is a member of the Phi Delta Theta fraternity.

1903. Announcement has been received of the marriage of Grace Gilson, L. S. '03, of Harvey, Ill., to William Taylor of San Francisco, which took place June 28 in San Francisco. Grace Gilson is a member of the Gamma Phi Beta sorority.

1903. Announcement has been made of the marriage of Guinevieve Mihills, L. S. '03, daughter of Mr. and Mrs. G. N. Mihills of Fond du Lac, to Dr. William Atwood Mowry of French Lick Springs, Ind. Miss Mihills is a member of the Kappa Kappa Gamma sorority.

1904. The marriage of Miss Beulah Baker, daughter of Col. and Mrs. C. E. Baker of Roswell, N. M., to Ralph B. Ellis, L. S. '04, of Madison, has been announced. Miss Baker is a graduate of Vassar College. Mr. Ellis, a member of Sigma Alpha Epsilon fraternity, is at present advertising manager of the Wisconsin State Journal.

1904. Mrs. J. W. Priest announces the marriage of her daughter, Gladys, L. S. '10, to Mr. Charles Arthur Taylor, L. S. '04 and L. '06, at Superior. Mr. and Mrs. Taylor will be at home in Barron after October 9.

1904. Dr. and Mrs. Gustave C. Hoyer of Milwaukee announce the marriage of their daughter, Lucia, to Carl Frederick Huth, Jr., L. S. '04, of Chicago. The bride, Dr. Lucia, is a graduate of the Women's Medical College of Baltimore, 1909. Since her graduation she has been practicing in Milwaukee. Mr. Huth is professor of ancient history at the University of Chicago.

1905. The marriage of Margaret Paddock, daughter of Mrs. George Laban Paddock, Evanston, Ill., to Walter Henry Inbusch, Eng. '05, of Milwaukee, occurred on August 10. The couple resides at Ossigo Heights, Darby, Mont., where Mr. Inbusch is an orchardist. Mr. Inbusch is a member of the Alpha Delta Phi fraternity.

1905. The marriage of Litta Marie Fuller, L. S. '05, of Plymouth, and Dr. Carl Jones of Boscobel has been announced. Miss Fuller is a member of the Kappa Kappa Gamma sorority.

1905. On February 11, 1912, George M. Simmons, Eng. '05, was united in marriage to Miss Edith M. Brown of Winsted, Conn. They are now residing at 961 St. Nicholas Ave., New York City.

1906. Robert Bancroft Dunlap, ex-'06, and Miss Gwendoline Somerville, both of Waupun, were married quietly in Chicago. The bride is the daughter of the Rev. George H. S. Somerville, rector of Trinity church, Waupun. The groom, a member of Sigma Nu fraternity, is connected with the Shaler Automobile Supply Co., Waupun.

1906. The marriage of Euretta Kimball, L. S. '06, to Ralph Emerson Davis, '06, took place on July 22, at the residence of the bride's parents in Janesville. Miss Kimball is a member of Gamma Phi Beta sorority. Mr. Davis is head of the State Mining school at Platteville.

1906. The marriage of Miss Pearl Catherine Hayden, '07, of Sun Prairie and Walter L. Patterson, L. S. '06, of Baraboo has been announced. Miss Hayden is the daughter of Mr. and Mrs. Hayden of Sun Prairie. She has been teaching school since her graduation. Mr. Patterson is principal of the high school at Oakfield, where the couple will reside after October 1.

1906. On August 8, in Sheboygan, occurred the marriage of A. J. Hedding, L. S. '06, and Miss Annie C. Thill of Los Angeles. The couple will live in Milwaukee. Mr. Hedding is now a democratic candidate for the assembly for the Sixth district.

1906. The marriage of Miss Hazel Torgeson, Madison, formerly stenographer in the governor's office, to Alexius H. Baas, Madison, took place on September 2. Miss Torgeson is the daughter of O. S. Torgeson of Stoughton. Mr. Baas is a well known singer in Madison. After graduation he spent a year studying music in Berlin, Germany. He directed the musical end of the plays produced by the Ben Greet outdoor players during the season of 1907 and 1908. In 1909 he was director of the Columbia College of Music, Seattle, Wash. For two years he did concert and vaudeville work and now he is identified with the Wisconsin School of Music in Madison.

1906. Mr. and Mrs. Baas will be at home after November 1 at 514 South Patterson St., Madison, Wis.

1907. On July 16 occurred the marriage of Dorothy Louise Epstein, L. S. '09, and Oscar O. Natwick, L. S. '07. The ceremony took place at the home of the bride's parents, Madison. Mr. and Mrs. Natwick will live in Wheatland, Wyo., where Mr. Natwick is a practicing attorney.

1907. Announcement has been received of the marriage of Miss Mary Hume of Warsaw, N. Y., to Edward W. Burgess, Eng. '07, of Racine. Miss Hume formerly taught in the school for the blind at Racine.

1907. Judge and Mrs. Anthony Donovan, Madison, announce the marriage of their daughter, Margaret, L. S. '07, to Louise Allen of Boston.

1907. The marriage of Miss Sara C. Barber, L. S. '07, daughter of Mr. and Mrs. Charles Barber of Oshkosh, to Loring Pierce Jordan of Boston, Mass., took place on July 3. The bride is a member of the Delta Gamma sorority. The couple will reside in Boston.

1907. On July 3, took place the marriage of Tilde Thomina Thompson, L. S. '07, daughter of Mr. and Mrs. Knudt Thompson of Deerfield, to E. W. Gurley of Waupaca. Miss Thompson has been teaching school since her graduation. The couple will make their home near Waupaca, where the groom is engaged in farming.

1907. In June occurred the marriage of Dr. Frankwood Earl Williams, L. S. '07, of Ft. Wayne, Ind., to Miss Emel Rebecca Verweire, daughter of Mr. and Mrs. John L. Verweire of Ft. Wayne. Dr. Williams is a member of the Phi Gamma Delta fraternity. The couple will reside in Ft. Wayne, where Dr. Williams is a practicing physician.

1908. On July 1 took place the marriage of Jenos Greverus, L. S. '08, of Berlin, to Fred Heineman, at Moose Jaw,

Saskatchewan. Miss Greverus taught school at Sheboygan. Mr. and Mrs. Heineman will reside at Milden, Saskatchewan.

1908. The marriage of Edward P. Gorman, L. S. '08, of Wausau, to Miss Jean Alexander of the same city took place on August 20. The couple will be at home in Wausau after October 1. Mr. Gorman is a practicing attorney in Wausau.

1908. The marriage of Louise Erb, L. S. '08, of Appleton, to John H. Dietrich of Spokane, Wash., has been announced. Miss Erb is a member of the Alpha Xi sorority. Since her graduation she has been teaching German in the high school at Fort Atkinson. The couple will reside in Spokane.

1908. Cards have been received announcing the marriage of Raymond W. Moseley, Agr. '08, to Miss Asther Moy of Bellingham, Wash. The bride is the daughter of Mr. and Mrs. Nic Moy, formerly of Sparta. The groom is now an instructor in agriculture in Washington.

1908. On August 3 occurred the marriage of

1909. Laura Steinke, L. S. '09, to W. E. Steinhaus of Pepin. Miss Steinke has been assistant at the university library since her graduation. Mr. Steinhaus is managing a sheep farm at Pepin.

1908. On August 13, in Mineral Point, took place the marriage of Miss Katherine Shepard, daughter of Mr. T. H. Shepard, and Orville A. Beath, L. S. '08, of Evansville. Mr. Beath is at present doing laboratory work for the university.

1908. Announcement has been received of the marriage of Fred Dittman, Jr., '08, son of Mr. and Mrs. Fred Dittman of La Crosse, to Miss Katherine Phillips of Cambria, which took place Wednesday, August 14. Mr. Dittman now holds a position with the Sterry Mill Co. at Santa Rosa, Cal., where the couple will make their home.

1908. Mr. and Mrs. John Hebenstreit of

1909. Shullsburg announce the marriage of their daughter, Jennie, L. S. '09, to Benjamin Charles Tighe, L. S. '08. The couple will be at home after October 1 at Coleraine, Minn.

1908. On June 19 occurred the wedding of

1911. Grace Smith, L. S. '11, of Mitchell, South Dakota, and Eugene A. Lueders of Duluth, Minn. Miss Smith, daughter of Mr. and Mrs. James T. Smith, held the position of principal of the Harvey, N. D., schools last year. Mr. Lueders is engaged in the drug business at Duluth, Minn.

1908. The marriage of Ray Morris Stroud, L. S. '08, of Madison, son of Judge William Seward Stroud of Portage, to Miss Miriam J. Ritchey, daughter of Mrs. J. H. Ritchey of Portage, took place on July 1. The groom is connected with the law firm of Olin & Butler in Madison, and is a member of the Beta Theta Pi fraternity. The couple will be at home after October 1.

1908. Announcement has been received of the marriage of Orville H. Drought, Eng. '08, of Milwaukee, to Miss Crissie May Laing, daughter of Mrs. John Laing, Waukesha. Mr. Drought is a graduate of Carroll College and holds the position of assistant superintendent of bridges and public buildings in Milwaukee. Mr. and Mrs. Drought will live at 1169 Scott street, Milwaukee.

1909. On September 4 took place the marriage of Sarah Thatcher, ex-'09, of Escanaba, Mich., to Frederick Lauchlin, also of Escanaba. Miss Thatcher is a member of the Alpha Phi sorority.

1909. The marriage of Mary Roehm, ex-'09, of Calumet, Mich., to Harry Reeder of Houghton, Mich., took place at Calumet on August 7. Miss Roehm is a member of the Alpha Phi sorority.

1909. On September 14 Ruth Coyle, ex-'09, was married in Denver to Myles Potter Tallmadge, also of Denver. Mrs. Tallmadge is a member of the Alpha Phi sorority.

1909. The marriage of Miss Jennie Nelson of Marinette to Adolph Lehner, L. '09, of Oconto Falls occurred on June 26. Mr. Lehner is a practicing attorney at Oconto.

1909. Announcement has been received of the marriage of Dr. G. F. Savage to Miss Mary King, L. S. '09, of Spring Green. Miss King has been teaching in the Port Washington schools for several years.

1910. The marriage of William H. Hinn, Eng. '10, of Hibbing, Minn., to Miss Marjorie O'Hair of the same place took place on August 28. Mr. Hinn is now an engineer for the Oliver Iron Mining Co., at Hibbing, Minn.

1910. On August 26 occurred the marriage of Mary Anne Martin, L. S. '11, daughter of Mr. and Mrs. John C. Martin, Madison, to Ralph N. Morrison, L. S. '10, son of Mr. and Mrs. L. L. Morrison of Grand Junction, Colo. Mr. and Mrs. Morrison will be at home after October 1, at Grand Junction, Colo.

1911. On July 11 occurred the marriage of Miss Elizabeth Bicknell Trux, daughter of Mr. and Mrs. Melyville Trux of Sparta, to Norman Lee Jewett, Agr. '11, of Fargo, N. D. Mr. Jewett has been traveling for a publishing company of New York City, visiting the agricultural colleges of the various states. He now holds a position with the better farming association of North Dakota.

1911. Announcement has been received of the marriage of Dorothy Frankenburger, '11, daughter of Mrs. David B. Frankenburger of Milwaukee, to Raymond Sanders, Agr. '11, of Chicago. Miss Frankenburger is a member of the Delta Gamma sorority and Mr. Sanders is a member of the Sigma Chi fraternity.

1911. On August 4, at Montello, occurred the wedding of Miss Everetta E. Bass, '11, of that place, to Andrew P. Ludberg, Eng. '11, of Chicago. Mr. and Mrs. Ludberg will live at 4847 East Ravenwood Park, Chicago.

1911. The marriage of Eva Wallis, ex-'11, daughter of Mr. and Mrs. W. W. Wallis of Milwaukee, to Harold Detienne, ex-'12, son of Mr. and Mrs. D. E. Detienne of Green Bay, took place at Cedar Lake, the Wallis summer home. Mrs. Detienne is a member of the Kappa Kappa Gamma sorority and Mr. Detienne is a member of the Delta Upsilon fraternity.

1911. In Fond du Lac occurred the marriage of Genevieve McCrory, L. S. '11, daughter of Mr. and Mrs. J. H. McCrory of Fond du Lac, to J. Parnell Egan of Chicago. Mr. Egan is a representative for the Robert F. Perkins Drygoods Co., an importing firm of New York, with headquarters at Chicago. The bride is a member of the Gamma Phi Beta sorority.

1911. At the home of Mr. and Mrs. John M. Yorkey, on August 15, occurred the marriage of Roxie Maria Yorkey, L. S. '11, of Horicon, to Arnold Wickman of Houghton, Mich. Mr. Wickman is the son of Miss Anna Wickman of Detroit Harbor on Washington Island. The couple will reside in Houghton, Mich., where the groom holds a position as electrical engineer.

1912. The marriage of Miss Beulah Baker, daughter of Mr. and Mrs. Russell W. Baker of Rewey, to Elmer H. Hughes, Agr. '12, took place in Rewey on July 9. Mr. and Mrs. Hughes will make their home on a farm near Marshfield.

1912. On June 24 occurred the marriage of Daniel D. Foxwell, L. S., of Madison, and Hazel Z. Pennewell, daughter of Mr. and Mrs. Enos Pennewell of Stoughton. The bride was engaged as private secretary to the state veterinarian at Madison. Mr. Foxwell is in the clothing business at 623 University Ave. Home address, 408 N. Frances St., Madison.

1912. Elbert G. Bailey, Agr., of West Bend, Wis., was married to Miss Margaret Steinle, daughter of Mr. and Mrs. J. Edward Steinle of Madison, on June

20. Mr. and Mrs. Bailey are now residing in Beverly, Mass., where Mr. Bailey is engaged in the dairy business on Cherry Hill farm.

DEATHS

CHARLES C. HUNNER, L. '93.

Charles C. Hunner of Aurora, Ill., died on July 9 from injuries received on July 4 while diving in shallow water. Mr. Hunner struck with such force that his spine was injured, causing paralysis. He was taken to the Presbyterian hospital in Chicago, where he underwent an operation. Mr. Hunner graduated from the law school in 1893, and since then has been practicing law, first at Eau Claire and later at Aurora, Ill. He was the son of the late John Hunner of Eau Claire, ex-mayor and ex-state treasurer.

LYLIA JANET OWENS, L. S. '09, '11.

Miss Lylia Janet Owens, daughter of Mr. and Mrs. William Owens, 25 East Dayton St., Madison, died at Edinburgh, Scotland, on Aug. 7. Miss Owens and her mother left Madison in June for a trip to Europe. She was twenty-four years old and was a graduate of the university with the class of '09, taking her M. A. degree in 1911. She had been employed in the state board of health office prior to going abroad. Besides her parents, she leaves one sister, Mrs. Preston Reynolds.

MRS. ADA FRITZ COLEMAN, ex-'09.

Mrs. Alfred Coleman, Copper Cliff, Ont., a former Madison resident, died from injuries received by the explosion of an alcohol lamp. The remains were taken to Monroe for burial. Mrs. Coleman was formerly Miss Ada Fritz of Monroe. She was a member of the Kappa Alpha Theta sorority. Two years ago she was married to Mr. Coleman. She was twenty-four years old.

J. DOUGLAS TRUEMAN, '11.

J. Douglas Trueman, an assistant in the Canadian Geological Survey, who was accompanying Director Brock in an exploration trip in the Rainy River district in Ontario, was drowned in Steep Rock lake, June 29,

in consequence of the upsetting of a canoe. Trueman might have saved his life but lost it in rescuing Dr. C. D. Walcott, director of the Smithsonian Institution, who accompanied the expedition and who was in the canoe with him.

IRENE CODY, ex-'12.

Miss Irene Cody died at the River Pines Sanitarium at Stevens Point, Wis., on August 24, after an illness of about fifteen months. The cause of her death was tuberculosis. Miss Cody was born on April 6, 1889, and was twenty-three years old at the time of her death. She attended the university for three years and was forced to take vacations at various times during these years on account of her health. She was Pythia orator in the Junior Ex, where she won second place in a tie with Verne Bone-steel. The deceased is survived only by her mother, Mrs. R. P. Cody.

THE CLASSES

1875.

Eugene W. Chafin, Law, was again nominated for the presidency of the United States by the Prohibition party on July 12, at Atlantic City, N. J. Aaron S. Watkins of Ohio is his running mate for the vice-presidency. Mr. Chafin thanked the convention for his second nomination and promised not to stand for a third term.

1876.

Joseph W. Hiner, Law, with the Hiner, Bunch and Latimer law firm of Chicago, is about to retire from practice and will go to Europe for a protracted stay.

1878.

Charles Edwin Buell, L. S., of the Wisconsin state civil service commission, was elected president of the national assembly of civil service commissioners, at a meeting held in Spokane, Wash.—Frank Eugene Noyes, L. S., of the Marinette *Eagle Star*, presented a paper on "The Press and the Press Agent" at the meeting of the Wisconsin State Press Association, held in Milwaukee on Aug. 1 and 2.

1884.

James F. Trottman, L. S. and Law, '86, is the Republican candidate for congress from the fifth district. Mr. Trottman is president of the board of regents of the university.—Thomas James Walsh, Law, of Montana, was secretary of the sub-committee which framed the Democratic platform at the Baltimore convention. His brother, John Walsh, of Washburn, seconded the nomination of Gov. Woodrow Wilson.

1885.

Miss Elizabeth Waters, L. S., assistant principal of the Fond du Lac high school, attended the fortieth convention of the American Teachers' Association in Berlin, Germany. The convention was held under the auspices of the National German Teachers' Association. Miss Waters is a member of the board of regents of the university.

1886.

Samuel A. Connell, L. S. and Law, '90, was elected president of the school board of Milwaukee. This is his second year on the board.

1887.

Oscar Hallam, L. S., and Law, '89, of St. Paul, Minn., was elected on Aug. 27 to the general council of the American Bar Association for Wisconsin.

1890.

Governor Francis E. McGovern, L. S., was one of the speakers at the Wisconsin State Press Association convention, held in Milwaukee. The governor is the Republican candidate for re-election to the governorship of Wisconsin.—Prof. Leonard E. Smith, Eng., of the university, has been granted six months' leave of absence. Professor Smith is now traveling with his wife and family in Europe, visiting France, Switzerland and Germany. Abroad, Professor Smith will engage in research work in the larger cities in the lines of municipal planning and general civic methods. His headquarters are in Munich. He will return next February.—Professor and Mrs. W. B. Cairns, L. S., will spend the year 1912-13 in Europe, where Professor Cairns will study.

1894.

Professor Sidney Roby Sheldon, Eng., of Shanghai, China, spent several months with his parents, Dr. and Mrs. Sheldon, Madison. For the past two years he has been teaching electrical engineering in the Nan Yang university at Shanghai. On the first of September he left for the Pacific coast, sailing from San Francisco September 7.

1895.

Algie M. Simons, L. S., editor of *The Coming Nation*, and Zona Gale, L. S., of Portage, attended the First National Conference, held in Madison the latter part of July.

1898.

James Aston, Eng., for the past several years instructor in engineering, has left to take charge of the department of metallurgy in the University of Cincinnati. This department has just been started and Mr. Aston will have charge of its development.—Allard Smith, Eng., president of the U. W. Club of Chicago, has changed his address to Engineer, Central Union Telephone Co., Columbus, Ohio.

1889.

Gensamro Ishikawa, L. S., is now located in Hamburg. Address Asia Haus, Hamburg.

1900.

Miss Grace Dillingham, L. S., is engaged in missionary work in Yeng Byen, Korea.—Professor Maximillan Bussewitz, L. S., has been appointed a member of the faculty of the Wisconsin College of Physicians and Surgeons, to teach physiology. He is also an instructor in the Milwaukee state normal school.—John F. Nicholson, L. S., is head of the department of bacteriology in the University of Idaho, Moscow, Idaho.—Pat O'Dea is secretary of the Agent Company, San Francisco, Cal. One of the purposes of this company is to act as agents for lawyers, corporations and all classes of business men, in transacting any lawful business. Pat O'Dea is a former football star. With him in the same business is former mayor Dave Rose of Milwaukee.

1901.

Flora Gapen, L. S., Madison, executive secretary and press agent for the Political Equality League of Wisconsin, was one of the representatives of Wisconsin in the great Ohio parade at Columbus this summer. Through her investigations of sweatshops, Miss Gapen became interested in the enfranchisement of women.

1902.

Henry L. Janes, L. S., Racine, who has recently been appointed one of the arbitrators to settle a dispute with Ecuador over an American-built railroad, is an official in the Latin-American division of the state department at Washington. He was secretary of legation at Santiago, Chile, under Minister Hicks and later secretary of the embassy at Constantinople. While in Chile, Mr. Janes was married to a beautiful Chilean girl.—D. C. Gates, L. S., of Superior, has been appointed by Governor Francis E. McGovern to succeed C. H. Crownhart as Normal school regent from Superior. Mr. Gates was managing editor of the *Superior Telegram* for several years.

1903.

Andrew W. Hopkins, L. S., editor of the *Wisconsin Farmer*, presented a paper on "Wisconsin's Greatest Industry, What the Press Owes It" at the Wisconsin State Press Association convention, held in Milwaukee.—Frank A. St. Sure, L. S., of Washington, is now on the surgical staff of the Harriman lines.—Frances B. Marshall, L. S., of Berkeley, Cal., corrects an error as to her location given in the Directory. For the past two years she has been teaching English in the high school at Los Banos, Cal., and has never taught at Rockford, Ill.—Prof. Frank C. Bray, L. S., of Cashton, has accepted the principalship of the Galesville schools for the coming year.—Prof. William D. Frost, of the university, and his family will spend this year at Cambridge, Mass., where Prof. Frost will study at Harvard university under the fellowship that has been granted him there.

1904.

Llewellyn R. Davies, Agr., principal of the Marinette County Agricultural school,

resigned to accept a position with the State Normal School at Whitewater, Wis.—Zadok Merrill is located at Republic, Washington.—A. H. Melville of Madison has been appointed representative of district two of the university extension division, with headquarters at Oshkosh.—Arthur H. Bartelt, L. S., an attorney in the firm of Kronshage, Fritz & Hannan, Milwaukee, was recently appointed city attorney, succeeding Otto Breitenbach, resigned to become assistant United States district attorney.—Fola La Follette has been doing active work in woman suffrage this summer. In September she assisted in the suffrage campaign in Wisconsin.—Miss Margaret E. Ashmun, L. S., of the university, spent the summer at Collingwood, Ontario, Canada.—Horatio Winslow, L. S., New York City, is the author of a new book called "Rhymes and Metres," a practical guide for persons wanting to learn how to write verse.—Harriet Mason, L. S., Fond du Lac, for the past year in the commercial department of the Sioux City, Iowa, high school, has accepted a position as head of the commercial department at the Racine high school.

1905.

Grover G. Huebner, L. S., University of Pennsylvania, has written a book with Professor Emory R. Johnson of the same university, on "Railway Rates and Traffic." Professor Huebner is instructor in transportation and commerce at the University of Pennsylvania.

1906.

Charles E. Nelson, L. S., was elected president of the social center organization of Superior during the civic center campaign conducted in that city by Carl Beck, '13.—Elmer T. Howson, L. S., Chicago, is one of the editors of the *Railway Age Gazette*, published in New York.—Lydia Kinsley, L. S., has been appointed librarian at the Lane Medical library, San Francisco, Cal. Since her graduation she has been librarian at Manistee, Mich., and Warrensburg, Mo. She also studied library work in Europe in the summer of 1910, and in December of that year was appointed librarian at Janesville,

where she has been since.—Philip A. Knowlton, L. S., instructor in Latin at Leland Stanford, Jr., university, Palo Alto, Cal., has secured a year's leave of absence and will act as principal of the high school in Fairbanks, Alaska.—Edna L. Graves, M. G. '06, left for Moscow, Russia, on August 1 on the "Kaiserin Auguste Victoria."—William Conway, Eng., has been granted a leave of absence for eight months as assistant engineer in the Bureau of Public Works, Manila, P. I., with permission to visit the United States and Europe. His temporary address will be Argyle, Wis.

1907.

Mrs. Edgar A. Loew (Minnie E. Rehfeld, L. S.), of Seattle, Wash., suffered a bereavement in July in the death of her father, C. W. Rehfeld, age 76, of Horicon, Wis.—Ernest G. Grey, L. S., who for the past year has been house officer at Johns Hopkins hospital, Baltimore, has accepted a position in surgery in Peter Brent Brigham hospital, Boston, Mass.—Rush G. Estee, ex-L. S., who finished his course at Columbia, is a bond salesman with Slayback & Co., 32 Broadway, New York City.—William C. Knoelk of Watertown, Wis., has been appointed principal of the Waukegan township high school.—Mr. and Mrs. Miles Wren Birkett (Mrs. Birkett was Miss Caryl Parsons, L. S.) are Madison visitors. Mr. Birkett is superintendent in the Washington Water, Light and Power Co., Spokane, Wash.—Fred Esch, L. S. and Law '11, of Manitowoc, has been appointed on the staff of the interstate commerce commission at Washington, D. C. He was formerly a special investigator in the state railroad commission in Madison.—George Ives, L. S., has changed his address from Montgomery, Ala., to 477 Deming Place, Chicago.—Hubert O. Wolfe, L. S. and Law '09, was temporary chairman of the Democratic state convention of Wisconsin.

1908.

Harry R. Wahl, L. S., who graduated from Johns Hopkins Medical University last June, has accepted a position in the department of pathology in Lakeside hospital, Cleveland, Ohio.—Raymond L. Schulz, L. S., a

recent graduate of Johns Hopkins, has been appointed an interne in the Milwaukee County hospital, Milwaukee.—Mott T. Slade, L. S., who has been located at Tacoma, Wash., is now agent for the Aetna Fire Insurance Co., Pabst Building, Milwaukee.—Ethel May Thomas, L. S., was elected teacher of commercial geography and commercial arithmetic in the Fond du Lac high school for the present year. Previous to this year she has been at Monroe and Depere.—Otto H. Breitenbach, L., assistant attorney of Milwaukee, has been appointed assistant to the United States district attorney, Guy D. Goff, of Milwaukee.—Mrs. F. M. Johnson (formerly Josephine Margretta Moe, L. S.) was recently appointed principal of the intermediate school at Arayat, Pampanga Province, P. I.—Joseph MacCabee Rubin, L. S., was admitted to the citizenship in the United States on June 10, 1912, and upon his petition had his name changed to Josef Maximlian Rudwin. Address, Apart. A, 500 W. 122nd St., New York City.—Rufus A. Barnes, L. S., is assistant professor of chemistry at Montana Agricultural College, Bozeman, Mont.—Dr. James M. Breckenridge, L. S., is now head of the department of chemistry of Carroll college. For the past two years he has been engaged in industrial chemical work with the Welsbach company.—Charles L. Byron, Eng., has changed his address to 1315 Forest Home Ave., Milwaukee, Wis.

Edward M. McMahon, L. S., of the Northwestern Mutual Life Insurance Company, Madison, has become associated with Dr. C. E. Albright of Milwaukee, special representative of the company and the largest producer of life insurance in the country. He has represented the Northwestern Mutual Life in Madison since January 1910, and as a result of his excellent record as a personal producer in that year, he was made general agent in the following year. He was the youngest of any of the 100 general agents under whom the 4,000 solicitors of their company place insurance. Mr. McMahon is now located in Detroit, Michigan.

Mr. McMahon was prominent in many student activities in his undergraduate days. He represented the university in the North-

ern Oratorical league contest and edited THE WISCONSIN ALUMNI MAGAZINE during his senior year, the only undergraduate who ever edited the alumni publication. He is a member of Iron Cross. His address on "The College Man's Opportunity as a



E. M. McMAHON

Placer of Life Insurance," delivered before the agents of the Northwestern a year ago, has had wide circulation in many insurance magazines throughout the country, and a copy of the address was voted on by the company to be sent to all university and college libraries in the country.

Mr. McMahon was chairman of the Citizens' Committee of One Hundred on the Commission Form of Government in Madison last spring, and was prominent in many university activities as an alumnus. His place in Madison is taken by Clifford L. McMillen, '11, who has been associated with the company during the past year. Edward McMahon's address is, Northwestern Mutual Life Insurance Company, Detroit, Mich.

1909.

"Frivolous Geraldine," by Theodore C. Stempfel and Herbert Stothart, will be produced by Klaw and Erlanger at Indianapo-

lis on December 16, and will shortly after go to Chicago. The show is a revision of the 1911 Haresfoot Club opera, "The Manicure Shop." Joseph Howard, the actor and song writer, collaborated in the adaptation. Several musical vaudeville sketches by Stothart and Stempfel are also to be produced this fall by Marc Heiman in the western circuit.—George J. Graebner, L. S., of Milwaukee, has gone into partnership with J. L. O'Connor, former attorney general of the state, with offices in the Camp Building, East Water and Wisconsin streets.—Elva Caradine, L. S., is now located at 601 W. Pine St., Platteville, Wis.—J. R. Pfiffner, L. S., has recently opened a law office at Tomahawk. He was formerly located at Watertown, Wis.

1910.

The 1910 Memorial still remains an unsolved enigma.—O. W. Storey, Eng., has been elected fellow in chemical engineering for the present school year.—Clifford Fuller, Eng., is employed in the Ideal Tool and Specialty Co., Cleveland, Ohio.—Lola M. Graves, L. S., is teaching history and English in the high school at Muscoda, Wis.—Elizabeth Corbett, L. S., daughter of Maj. R. W. Corbett of the National Soldiers' Home, Milwaukee, has been giving noon and night talks before the factory workers in and about Superior, under the auspices of the Superior Equal Suffrage association.

1911.

The 1911 Memorial is on the campus.—Frederick W. Bentzen, L. S., is instructor in chemistry at the Michigan Agricultural college, East Lansing, Mich.—Harold H. Morris, L. S., is assistant chemist in the Montana Agricultural experiment station, Bozeman, Mont.—Aimee Zillmer, L. S., and her father, of Milwaukee, took an automobile trip through Iowa, Nebraska, and Kansas to Denver.—Loretta Hannan, L. S., is teaching school at Montello, Wis.—J. E. Stephens, L. S., is now located in the School of Mines, Golden, Colo.—Karl Mann, L. S., is now with the David Williams Co., 239 W. 39 St., New York City, publishers of the *Iron Age*, *Building Age*, etc., and a part

of the United Publishers Corporation which controls seventeen of the leading trade publications of the country.—Edna Swenholt, L. S., Madison, is now teaching in the high school of Mayville. The past year she taught school in St. Charles, Minn.—Laurence Gillett, ex-Eng., for the past year manager of the Railway and Light Co., at Rome, Ga., has been promoted to the position of general manager of the Vincennes Traction Co., at Vincennes, Ind.—Arthur Frank Malone, L. S., of Beaver Dam, is a candidate for the office of district attorney of Dodge county.—Jennie Lorenz, L. S., of Sheboygan, is teaching English in the high school at Stoughton.—Paul J. Weaver, L. S., succeeds Mr. Joseph M. Boyd as organist of the First Methodist Episcopal church in Madison. Last year Weaver was musical director at Racine college, Racine.—Leonard P. Fox, L. S., has accepted a position as instructor in American history in the University of Colorado, which is located at Boulder.—New 1911 addresses are: Mrs. Carl Bredette Pick, West Bend, Wis.; Margaret L. Tufley, Boscobel, Wis.; Edgar C. Wilson, C. N. P. Lbr. Co., Wardner Prov., B. C. Canada; Arthur Kleinpell, Cassville, Wis.

1912.

One hundred and fifty members of 1912 are now enrolled in the Alumni Association.—William J. P. Aberg, L. S., is studying law at the university.—Ida Auerbach, L. S., is teaching in Helena, Montana.—Stewart Hill Ankeney, Eng., gives as his permanent address 817 Deakin Ave., Moscow, Idaho.—Edgar William Bedford, L. S., is a medical student at Rush Medical College, Chicago.—Hosmer H. Benton, L. S., is attorney at Richland Center, Wis.—Charles J. Belsky, Eng., is with the Wisconsin Rate Commission, Madison.—Paul B. Best, Eng., is in the engineering department of the Chicago Telephone Co., 322 Washington St., Chicago.—Marc Boguslawsky, L. S., is engaged in life insurance with the Mutual Benefit Life Insurance Co., Chicago General Agency, 1503 Harris Trust Bldg., Chicago.—Leonard F. Boon, Eng., is assistant field inspector on the joint engineering staff, Tax and Railroad Commissions, Madison.—Elmer C. Brown, L.

S., is principal of the Irvington school, Portland, Oregon.—Irving H. Brown, L. S., is assistant in Romance Languages at the university.—Pearl E. Blanchard, L. S., is assistant in the Colby high school, Colby, Wis.—Everette A. Burmester, Eng., is junior engineer of the United States Lake Survey, War Department. Address, Old Federal Bldg., Detroit, Mich. Mary M. Bunnell, L. S., is instructor in home economics, Lathrop hall, Madison.—Louis A. Burns, Eng., is resident engineer at the Barge Canal Terminals, Syracuse, N. Y.—Annie A. Caulfeild, L. S., is teacher of English in the Industrial Institute and College, Columbius, Miss.—George F. Christians, L. S., is with the H. C. Christians Co., wholesale butter and eggs, Johnson Creek, Wis.—Avedis A. Chuchian, Eng., is employed by the J. C. R. R. Co., Morton, Ill., as draftsman. Address, 5016!23d Place, Morton Park, Ill.—Warren W. Clark, Agr., is superintendent of the Crystal Lake orchards, Beulah, Mich.—Craig P. Connor, L. S., is located at Auburndale, Wis.—Charles Lawrence Dake, L. S., is assistant in geology in Williams College, Williamstown, Mass.—Winifred L. Crane, L. S., is teaching in Kalispell, Mont. Address, 432 Fourth Ave., East.—Daniel E. Davis, Eng., is located at 556 E. Spring St., Columbus, Ohio.—Charles W. David, L. S., is teacher of history in the Wisconsin high school and graduate student in the university.—Henry L. Debbink, Agr., is instructor of sciences in the First District Agricultural School, Statesboro, Georgia.—Wayne E. Deming, L. S., is a law student in the university.—Nicholas Dino, Jr., is located in Vandling, Lack'a. Co., Pennsylvania.—Harvey S. Drake, L. S., is student for the Ph.D. degree in chemistry at the university.—Herbert M. Doerschuk, Eng., is test man with the Gas and Electric Co., Schenectady, N. Y. Address, 203 Seward Place.—Francis R. Duffy, L. S., is attorney at law in Fond du Lac, Wis.—Marjorie M. Eastman, L. S., is teaching at Kiel, Wis.—George H. Eckhart, L. S., class president, is statistical clerk in the Railroad Commission of Wisconsin, Madison.—Merwin C. Edwards, L. S., is taking an additional year's work in the university.—Arthur C. Eierman, L. S., is in the

real estate, loans and insurance business, Suite 38-39 Loan and Trust Bldg., Milwaukee, Wis.—Emil Oscar Ellingson, L. S., is instructor in chemistry in the university.—Kathleen Ferrar's address is Box 556, Madison, Wis.—Alice M. Farquhar, L. S., class vice-president, is librarian in Chicago. Address, 4211 Prairie Ave., Chicago.—Norman Foerster, L. S., is instructor in English at the university.—Cornelia B. Forbes' address is 23 Trowbridge Road, Worcester, Mass.—John Fraser, Jr., Eng., is employed in the office of the Fraser Co., general engineering work.—William Oliver Fowler, L. S., is with the State Railroad and Tax Commission, Madison.—Else Garling, L. S., resides in Mayville, Wis.—Charles James Gaskell's address is 151-3d St., Baraboo, Wis.—Joseph C. Gilman, Agr., is assistant in plant pathology, Horticultural Bldg., university.—Walter C. Graetz, Eng., is assistant instructor in the electrical engineering department, Columbia University, New York City.—Mabel B. Graham, L. S., is assistant librarian in the Carnegie-Lawther library, Red Wing, Minn.—Ray W. Hart, Eng., is employed as civil engineer in the U. S. A. corps of engineers, Rock Island, Ill. Address U. S. Engineer Office, Rock Island, Ill.—Louis A. Henke, Agr., is agricultural teacher at Elbow Lake, Minn.—Grace E. Hoyt, L. S., is teaching in the Frances Sheines School of the University of Chicago, Mt. Carroll, Ill.—Eva Hildebrand, L. S., is teaching in Rhinelander, Wis.—Arthur T. Hobart, L. S., is in business with his father, 131 Main St., Batavia, Ill.—Frieda A. Hoesly, L. S., is instructor in German and Latin in the Montello high school, Wis.—Maude P. Hook's address is 1304 Rawson Ave., South Milwaukee, Wis.—Ella M. Horne's address is 115 S. Tenth St., La Crosse, Wis.—Dana J. Hogan's home address is 30 E. 2d St., Fond du Lac, Wis.—Edward H. Horstkotte, Eng., is test man with a Schenectady, N. Y., firm. Address 122 Barrett St.—Affa Hubbell, L. S., is teaching in Montello, Wis.—Laura B. Johnson, M. G., lives on 626 N. Henry St., Madison, Wis.—Ida P. Johnson is teaching in Onalaska, Wis.—Halbert L. Kadish, Agr., is engaged in agriculture, Cherry Hill farm, Beverly, Mass.—Clarence W. Keyser L. S., is in business on

415 W. Washington St., Madison.—Charles H. Kirch, Eng., is temporary sewer inspector for the city of Madison. Address 441 W. Gorham St.—Hugo G. Klumb, Agr., is director of agriculture in Sleepy Eye, Minn.—Eugene E. Kremer, L. S., is with Kremer Bros. Furniture Co., Fond du Lac, Wis.—Samuel A. Krell, Eng., is draftsman with the C. M. & St. P. Ry., 1232 Railway Exchange, Chicago.—Fritz Kunz, L. S., is assistant editor of *The Theosophic Messenger*. Address, Krotona, Hollywood, Los Angeles, Cal.—Henry V. Lacy, L. S., is missionary and principal of the Carolyn Johnson Memorial Institute, Lungtien, via Foochow, China.—Henry C. Leister, L. S., is supervising principal of the Iron River, Wis., high school.—Milton E. Loomis, L. S., is teaching in Cedar Falls, Iowa. Address 603 W. 22d St.—Hal. Roger Martin, L., is in the publishing business, Joliet, Ill.—Mabel Maxon, L. S., is librarian in Milton College Milton, Wis.—Lewis Mayers, L. S., is a fellow in the College of City of New York.—William W. Miller, L., is practicing law in Gary, Ind. Address, 548 Broadway.—Mary G. Norris is located in Sauk City, Wis.—Oyvind J. Noer, Agr., was with the Wisconsin Oil Survey, 901 Univ. Ave., Madison.—Louis Olson, Ph.G., is a pharmacist in Hayward, Wis.—Albert A. L. Ort, Eng., is a civil engineer with Alvord and Burdick, 1417 Hartford Bldg., Chicago.—Norman Osann's address is 217 S. Scoville Ave., Oak Park, Ill.—Edgar Parsons, Agr., is farming near Burton, Ohio.—Harry A. Page, L. S., is special apprentice, in the employ of the Rock Island Railway, 620 1st Ave. E., Cedar Rapids, Iowa.—Clara H. Perry, L. S., is teacher of the third grade in the McClure School, Astoria, Ore.—Henry A. Pflughoefl, Agr., is teaching at South St. Paul, Minn.—Henry C. Prochazka, Eng., is with the Wells Power Co., Milwaukee.—Paul Pike Pullen, L. S., is cashier of the Bank of Evansville, Evansville, Wis.—Gerrie J. Pinch, Ph.G., is a pharmacist at Hillslow, Wis.—Elizabeth Quackenbush's address is 301 S. Winebiddle Ave., Pittsburgh, Pa.—Mabel I. Rich, L. S., is instructor in English in the Missoula, Mont., high school—John William Riley, L. S., is supervising principal of the schools at Hayward.—The address of

Henrietta L. Rissmann is 1208 Johnstone Ave., Bartlesville, Okla.—Julian A. Roller, L. S., is teaching German and Latin in the Hamlin School, 2230 Pacific Ave., San Francisco, Cal.—William A. Roth, Eng., is employed in the Blast Furnace Works of the Indiana Steel Co., Gary, Ind.—Earl Vilas Rudolph, Ph.G., is a pharmacist in Antigo, Wis.—F. Carl Ruhloff, Eng., is with the Bucyrus Co., So. Milwaukee, Wis.—Izzetta L. Sabean, L. S., is high school teacher, 721 First Ave. N., Great Falls, Mont.—Oscar L. Schmidt, L. S., is teaching at Eveleth, Minn.—Bonnie E. Scholes, L. S., is teaching home economics in the Woman's College of Alabama, Montgomery, Ala.—Alf. Schreiner, Agr., is farming near Westby, Wis.—Walter W. Schilling, L. S., is civil engineer in Green Bay, Wis.—Augusta F. Schultz, L. S., is teaching in Tonawanda, N. Y.—Edward A. Seaton, Agr., is farming near Muncie, Ind. Address, R. 1, Box 3.—James Morgan Sherman, L. S., is a graduate student in the university.—Lester E. Spray, Eng., is signal draftsman, c. o. Signal Engineer, A. T. & S. F. Ry. Co., Topeka, Kans.—Otto A.

Stangel, Agr., is teacher in agronomy and soils in the County School of Agriculture, Wauwatosa, Wis.—Mabelle E. Stevens, L. S., is teacher of Latin and German in the Arcadia, Wis., high school.—Laura M. Stewart, L. S., is assistant in home economics at the university.—Albert W. Torbet, L. S., is accountant for the Oakland Motor Car Co., Pontiac, Mich.—Isadore M. Trowbridge, L. S., is living in Lansing, Mich., where her husband, W. S. Hubbard, is instructor in food and drug analysis and secretary of the school of pharmacy in the University of Michigan.—Richard E. Vaughn, Agr., is assistant in plant pathology in the College of Agriculture of the university.—Jacob A. Wernli, L. S., is instructor in the State University of Iowa, 215 E. Fairchild St., Iowa City, Ia.—James H. Weir, Agr., is editor in the book department of the Webb publishing Co. St. Paul, Minn.—Frank E. Williams, L. S., is instructing in the university.—John James Willaman, L. S., is laboratory assistant in agricultural chemistry in the university.



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Luncheons of the Local Wisconsin Alumni Associations

Q Graduates and former students of Wisconsin are cordially invited to attend these luncheons whenever they are in one of the cities mentioned below on the day of a luncheon.

CHICAGO: Every Friday noon from 12:00 to 2:00 at the Grand Pacific Hotel, English Room.

MILWAUKEE: Every Saturday at 12:30 p. m., at the Hotel Blatz, first floor.

ST. PAUL: Every Thursday noon at 12:15 at the Magee Hotel, second floor.

DULUTH: Second Thursday noon of every month at the St. Louis Hotel.

SEATTLE: Second and Fourth Saturdays of every month at 12:15 at the Arctic Club, N. W. Cor. of Third Ave. and Jefferson Street.

REPORT

UPON THE

RECEIPTS AND EXPENDITURES

OF

THE UNIVERSITY OF WISCONSIN

For the Year July 1, 1910, to June 30, 1911

PRESENTED TO THE BOARD OF REGENTS

BY THE
BUSINESS MANAGER

June 1, 1912

PART I

RECEIPTS

THE UNIVERSITY OF WISCONSIN

SUMMARY OF RECEIPTS

FISCAL YEAR, 1910—1911

(In conformity with the books of State Treasurer)

RECEIPTS FROM STUDENTS:

Tuition fees.....	\$51,757.50
Incidental fees.....	147,913.62
Special fees for gymnasium, etc.....	4,579.95
Special fees for laboratories.....	45,758.50
Gross receipts from dormitory.....	9,825.55
Gross receipts from dining halls.....	55,583.75

	\$315,418.87

RECEIPTS FROM INVESTMENTS:

Interest on University Fund.....	\$12,149.23
Interest on current balances.....	6,453.60
Interest on Agricultural College Fund.....	13,251.46
Interest on University Trust Funds.....	_____
	\$31,854.29

RECEIPTS FROM GRANTS:

Federal Government.....	\$75,000.00
State of Wisconsin:	
Tax levy 2/7 mill, general purposes.....	783,765.00
Appropriation, general purposes.....	100,000.00
Appropriation, designated purposes.....	177,287.25
Appropriation, new construction.....	166,848.00

	\$1,302,900.25

RECEIPTS FROM GIFTS:

General purposes.....	\$13,872.55
Designated purposes.....	_____
	\$13,872.55

RECEIPTS FROM OTHER SOURCES:

Sales.....	\$118,057.64
Technical inspections.....	23,620.34
Unclaimed checks—cancelled.....	925.80
Insurance recovered.....	2,528.12
Refunds from advances.....	6,731.73
Student deposits	
Accretions to Trust Funds Principal	
Miscellaneous (Rentals and Fines).....	1,215.20

	\$153,078.83
Total receipts.....	_____
	\$1,817,124.79

THE PURPOSE OF THIS REPORT

Concerning the administration of The University of Wisconsin, two questions are often asked:

How much money does the University receive?

How is this money spent?

The Board of Regents has regularly issued in the biennial report a list of all receipts and expenditures, and in 1910 the entire financial transactions and accounts of the University were thoroughly examined by Messrs. Price, Waterhouse & Company (chartered accountants), and their report, embodying certain suggestions and recommendations, concluded with a series of summarized statements in which the receipts and disbursements were carefully classified, with the accuracy of thorough-going accountancy.

In June 1910, the Carnegie Foundation for the Advancement of Teaching, issued a series of forms for the rendering of financial reports of colleges and universities, with the purpose of encouraging the adoption of some common standard.

The accompanying tables, while prepared for the purpose of giving a summary of the receipts and expenditures of the University for 1910-11, in a simple and easily intelligible manner, conform in general, with the recommendations of the Carnegie Foundation, and will permit, therefore, of ready comparison with similar summaries of such institutions as have adopted this standard.

THE MONEY THAT IS RECEIVED BY THE UNIVERSITY

Concerning the summary of receipts—given on page 4—attention might be called to the following facts:

RECEIPTS USED FOR PERMANENT IMPROVEMENTS

While most of the items in this summary can be, and are, used for current expenses—designated or undesignated—certain items can be used only for new construction, permanent improvements, apparatus, etc., and, therefore, should not be included in any estimate of the annual cost of the University, since they represent

assets and are properly chargeable to the capital account. Among these are the following:

Books and apparatus (Under receipts for designated purposes)....	\$50,000
New construction.....	166,848
	<hr/>
	\$216,848

In addition to this amount, the Regents may, at their discretion, appropriate from the general fund various sums for purchases of land, for new construction, improvements, etc., and did so appropriate \$114,416.57. The total amount expended for permanent improvements was \$331,264.57.

RECEIPTS FROM THE STATE FOR CURRENT EXPENSES

The total amount appropriated directly by the State is \$1,227,900.25. If we deduct from this the amounts chargeable to capital account, as above shown, we have \$1,011,052.25, which represents the grant of the State, for the year under consideration for the current expenses of all phases of university work both at Madison and throughout the state and for such expenditures for land and permanent construction as the Regents may elect.

SUPPLEMENTARY RECEIPTS FOR CURRENT EXPENSES

The grant of the State is supplemented by amounts from other sources, some of which are of considerable importance:

Students pay bills to the Bursar (including board and lodging) which amount to.....	\$315,418.87
Certain investments, largely resulting from gifts made by the Federal Government, yield.....	31,854.29
The Federal Government gives.....	75,000.00
Friends give various smaller amounts which aggregate.....	13,872.55
Sales of produce, etc., the inspection of live stock, the charging-in of refunds, and the collection of rentals, etc., yield	153,078.83
<hr/>	
Giving total receipts from secondary sources of.....	\$589,224.54

This amount is somewhat more than one-half the amount appropriated by the State. To put this more forcefully: Of every three dollars received by the Regents for the current expenses of the University, the State contributes two.

RECEIPTS FROM STUDENTS

The receipts from students (\$315,418.87) equal approximately one-third of the total annual cost of maintenance. It should be noted, furthermore, that while these receipts include certain pay-

ments for room-rent and board, the University makes no provision for the housing and boarding of its men students, and for only a fraction of its women students.

In 1910-11 there were 4,132 students, exclusive of Summer Session, University Extension and Short Courses. Of these, 115 found rooms in Chadbourne Hall. Allowing \$6.00 per week as the average cost of room and board to those rooming in the city, would give a total of about \$850,000 spent for room and board obtained with private families or in fraternities and sororities. Summer Session students would spend approximately \$45,000 and Short Course students would spend \$50,000—giving a total for room and board of \$945,000. If we add this to the amount paid by students to the University, as above tabulated—after making proper deductions for University Extension fees (\$20,249.04)—we have a total of approximately \$1,240,000. The current cost to the State is thus paralleled by the current cost to the student body.

RECEIPTS FROM "OTHER SOURCES"

In the summary, it will be noted that the University received certain substantial sums from Sales from Technical Inspections, and that there were other transactions of a purely business nature.

Such sales as are made by the University are not the result of commercial initiative, but arise from the advantageous disposition of material that is primarily produced, purchased or issued for experimental and educational purposes. The following table will give the details:

Receipts from Sales.

Creamery products, farm and garden produce, live stock.....	\$114,386.90
Bulletins, etc.....	1,017.25
Miscellaneous, cinders scrap, etc.....	2,653.49
	_____ \$118,057.64

Receipts from Technical Inspections

Dairy tests.....	\$11,750.86
Feed and fertilizer.....	7,095.65
Stallion certificates.....	2,179.26
Nursery inspection.....	2,282.87
Water analysis.....	311.70
	_____ \$23,620.34

THE ENDOWMENT OF THE UNIVERSITY

It is often stated that the University is not an endowed institution, and in fact the endowment, as represented by interest-bearing funds held in trust by the board of regents, is not com-

mensurate with its age and importance. The interest-bearing funds are as follows:

“The University Fund”.....	\$232,255 46
(The result of Federal Land Grant)	
“The Agricultural College Fund”.....	\$302,993 79
(The result of Federal Land Grant)	
“University Trust Funds”.....	123,143 39
(Gifts of individuals to the Regents. The income not included in present summary for reasons given below.)	
	\$658,392 64

RECEIPTS CLASSIFIED ACCORDING TO THE VARIOUS PHASES OF UNIVERSITY ACTIVITY

The summary shows receipts for the year to the amount of \$1,817,124.79. What portion of this large sum is spent strictly for the instruction of students at Madison, and what portion is spent for other purposes? What sums are used for experimental purposes, for publication, for the diffusion of knowledge and for assistance given directly to the people of the state?

Since many expenditures, made primarily for the resident student, apply indirectly to the larger work of the University, and many expenditures, made primarily for experimental, advisory, and instructional work for the people at large apply indirectly to the benefit of the resident students, an absolute apportionment of the receipts and expenditures for the various phases of University activity cannot be given, but the following figures will give general approximations.

Receipts from Extension Students	\$20,049 04	\$20,049 04
(To be applied to University Extension)		
Receipts from Federal Government for experimental purposes.....	30,000 00	30,000 00
Receipts from State Appropriations		
(From appropriation for general purposes)		
Permanent improvements.....	114,416 57	
Hygienic Laboratory (estimated).....	6,000 00	
High School Inspection (estimated).....	4,000 00	
Forest Products Laboratory (estimated).....	5,000 00	
Printing (estimated).....	15,000 00	144,416 57
(From designated purposes and new construction)		
Washburn Observatory.....	3,000 00	
Agricultural Institutes.....	20,000 00	
University Extension.....	75,000 00	
Agricultural Extension.....	30,000 00	
Branch Experimental Station.....	2,000 00	
Books and Apparatus.....	50,000 00	
New construction.....	166,848 00	346,848 00
Receipts from gifts		
Various designated purposes.....	13,872 55	13,872 55
Receipts from other sources		
Various purposes as indicated.....	153,078 83	153,078 83
		708,264 99

We may conclude then that approximately \$700,000.00 is spent for the secondary work of the University, leaving a balance of approximately \$1,100,000 for providing instruction to students residing in Madison.

What portion of this latter amount was actually spent for operating and instructional purposes, and what proportion was spent for research, it is at present impossible to say. It is of interest to note, however, that of this amount something less than two-thirds (\$720,000.00) was appropriated by the State and something more than one-third (\$380,000.00) was derived from other sources.

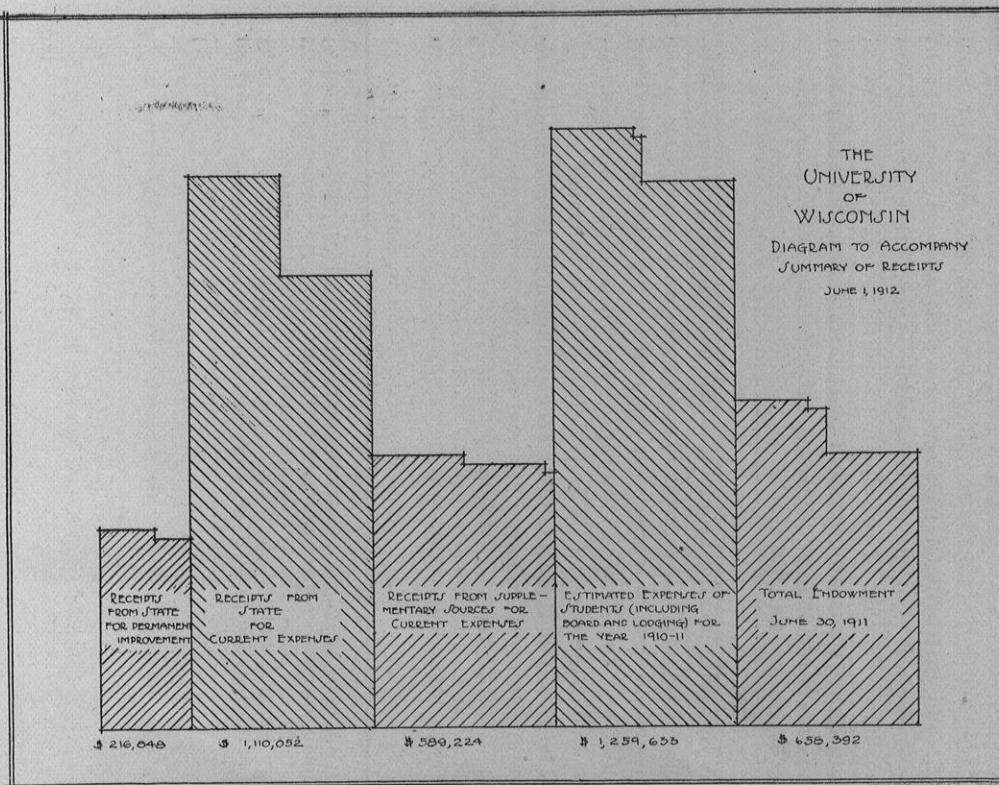
NOTE:—It should be noted that the entries in the summary give a classification of the receipts and expenditures according to the transactions that took place for the year 1910-11 between the University and the State Treasurer, as recorded by the State Treasurer under the caption "The University Fund Income."

The Board of Regents, however, had immediate responsibility for certain additional monies in special accounts as follows:

Incidental fees, temporarily held by Bursar.....	\$2,083 75
Laboratory fees, temporarily held by Bursar.....	23,497 12
Receipts dining hall, temporarily held by Bursar.....	688 79
Interest on University Trust Funds, temporarily held by State Treasurer, but not in "The University Fund Income"...	4,648 91
Gifts for endowment deposited with State Treasurer, but not in "University Fund Income".....	30,502 01
Refunds from advances, temporarily held by Bursar.....	10 36
Student deposits, temporarily held by Bursar.....	5,846 75
Accretions to Trust Funds Principal, temporarily held by State Treasurer, but not in "The University Fund Income"...	1,947 34
Miscellaneous, temporarily held by Bursar.....	547 80
	<hr/>
	\$69,772 83

THE
UNIVERSITY
OF
WISCONSIN

DIAGRAM TO ACCOMPANY
SUMMARY OF RECEIPTS
JUNE 3, 1912.



THE
UNIVERSITY
OF
WISCONSIN

TOTAL EXPENDITURES
1910-11 — \$1,099,369.93
JUNE 1, 1912

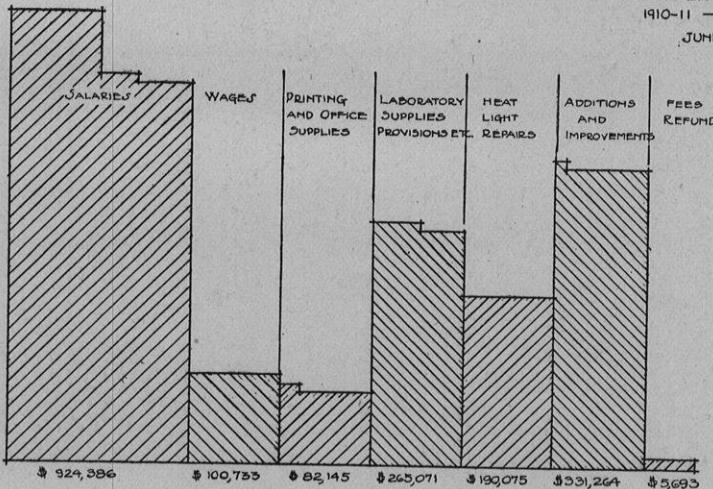


PLATE II

PART II

EXPENDITURES

THE UNIVERSITY OF WISCONSIN

Summary of Expenditures

FISCAL YEAR 1910—1911

(In conformity with the books of the State Treasurer)

DIVISIONS	A Salaries Instructional, Adminis- trative, and Clerical.	B Wages.	C Printing, postage and office sund- ries.	D Laboratory supplies, provisions, etc.	E Heat, light, repairs, etc.	F Additions and im- provements.	Totals.
1. Administration.....	\$42,763 75	\$989 80	\$17,060 95	\$478 00	\$2,058 76	.....	\$63,351 26
2. General Library.....	15,950 96	1,176 11	594 23	.....	10,126 60	\$20,690 83	48,538 73
3. Physical Education.....	22,301 65	329 10	412 58	2,693 81	16,226 18	398 97	42,362 30
4. Military Science.....	1,105 00	1,075 14	76 18	664 79	468 00	.....	3,389 11
5. Student Health.....	9,140 52	252 02	.....	1,221 35	446 11	85 32	11,145 32
6. College of Letters and Science*	434,736 89	Charged to Phys. Plant	4,916 67	45,193 95	60,900 59	3,027 67	548,775 77
7. College of Agriculture**	149,911 19	40,298 50	25,335 86	121,481 49	23,719 96	47,590 38	408,337 38
8. College of Engineering.....	106,036 17	Charged to Phys. Plant	1,732 93	29,510 71	28,134 88	2,824 66	168,239 35
9. Law School.....	20,677 55	Charged to Phys. Plant	405 10	.....	3,543 38	2,295 65	26,921 68
10. Summer Session.....	21,874 50	Charged to Phys. Plant	779 15	201 90	Charged to Ltrs. & Sci.	160 17	23,015 72
11. University Extension.....	72,102 66	Charged to Phys. Plant	14,828 41	2,738 29	2,913 20	1,548 66	94,131 22
12. Agricultural Institutes.....	8,732 50	Charged to Agriculture	13,336 10	14 00	Charged to Agriculture	.....	22,082 60
13. Hygienic Laboratory.....	3,872 32	600 00	1,150 00	900 00	Charged to Ltrs. & Sci.	.....	6,522 32
14. High School Inspection.....	3,600 00	Charged to Phys. Plant	183 29	.....	Charged to Ltrs. & Sci.	.....	3,783 29
15. Washburn Observatory.....	5,660 00	Charged to Phys. Plant	18 25	183 81	1,614 26	.....	7,476 32
16. Forest Products Laboratory.....	Federal.....	Federal.....	Federal.....	Federal.....	4,950 42	Federal....	4,959 42
17. Physical Plant.....	5,500 72	56,012 60	1,315 80	47,125 08	34,972 92	252,642 26	397,569 38
18. Store.....	419 95	.....	.....	12,664 28	.....	.....	13,084 23
Fees refunded.....	\$924,386 33	\$100,733 27	\$82,145 51	265,071 46	\$190,075 26	\$ 31,264 57	\$1,893,676 40
Total expenditures through office of State Treasurer.....	.....	.....	.....	.....	.....	.....	5,693 53
							\$1,893,369 93

*Includes also Medical School, School of Music, Training of Teachers, Course in Pharmacy, and Graduate School.

**Includes also Agricultural Extension.

THE MONEY THAT IS EXPENDED BY THE UNIVERSITY

In the statement of the expenditures of the University for the year ending—June 30, 1911—the University is treated as though it consisted of a number of divisions. These divisions are given in the vertical column at the left (see page 14).

Of these divisions, the first five apply to the activities of the University as a whole, numbers 6 to 10 include the Colleges, Schools, etc. and are, strictly speaking, those instructional divisions of the University that are primarily arranged for resident students; divisions 11 to 16 include divisions that primarily minister to the people at large. The Washburn Observatory receives a special appropriation from the State and the Forest Products Laboratory receives a special grant from the Federal Government. The charges under Physical Plant embrace nearly everything that has to do with the maintenance, improvement and enlargement of the buildings and grounds.

The disbursements under each of these divisions is given in tabulated form as indicated by the headings of the several vertical columns or sub-accounts, viz:

- (A) Salaries Instructional and Administrative
- (B) Wages
- (C) Printing, Postage, Office Sundries and Travel.
- (D) Laboratory Supplies, Provisions, etc.
- (E) Heat, Light and Repairs
- (F) Additions and Improvements

The books of the University give the disbursements in much greater detail than is here shown, but great detail leads to confusion, and it is thought that in a non-technical report of this kind, there are distinct advantages to be derived from a general comprehensive view of the entire field of expenditures, even though this involves some loss of detail.

COLUMN A—SALARIES INSTRUCTIONAL, ADMINISTRATIVE, CLERICAL.

In the column marked "A" are given the salaries and payments made to educational and administrative officers and their assistants clerical and stenographic. The figures also include special appropriations made directly for research, the moneys spent

for fellowships and scholarships and the cost of public lectures, convocations and other educational and academic functions.

Treating the column as a whole, of the \$924,386.33 spent for these purposes, approximately \$781,016.91 was for salaries paid professors and other officers of the instructional staff. Administrative and other officers, exclusive of deans, and their assistants received \$59,305.41. The cost of general lectures, convocations, etc., was \$5,303.40.

The instructional staff consisted of:

	No.	Salaries
Deans.....	6	\$4,000—\$5,000
Professors.....	96	2,700—4,000
Associate Professors.....	32	2,000—2,750
Assistant Professors.....	93	1,650—2,500
Instructors.....	155	1,000—2,000
Assistants.....	135	100—1,000

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DIVISION 6—COLLEGE OF LETTERS AND SCIENCE

The largest entry, \$434,736.89, appears opposite Division 6—College of Letters and Science and its subordinate divisions. The amount is composed chiefly of the salaries paid the instructional staff. There are 310 on the instructional staff in the College of Letters and Science including Music, Medicine, Library School, and Pharmacy, and the organization of the University is such that many students enrolled in other colleges regularly attend certain courses in Letters and Science. For example, this College gives the courses, in English, German, French, Spanish, Physics, General Chemistry, Mathematics, Geology, Bacteriology, Zoology, History, Economics, and many other courses to all students without regard to the particular College in which they are registered.

During the year 1910-11, the Medical School, School of Music, Training of Teachers, and the course in Pharmacy were attached to Letters and Science, and payments made to and for these divisions were merged with those of this College.

DIVISION 7—COLLEGE OF AGRICULTURE

The salaries etc., of the College of Agriculture including work done throughout the state (\$149,911.19) are directly supplemented by the wages (\$40,298.50) as shown in column B, because practical demonstration is necessary from the nature of much of the instruction given in this College. Not all of the instruction in

agriculture, however, is of this practical nature. All Agricultural students are obliged to take about one-third of their work in the "Humanities" and one-third in the "Sciences," and they thus draw upon the resources of other Colleges, particularly the College of Letters and Science. On the other hand, students in Letters and Science are permitted to take one-sixth of their work in the College of Agriculture, indeed, certain courses in Agriculture are attended almost exclusively by Letters and Science students.

DIVISION 10—SUMMER SESSION

Professors of the University giving instruction in the Summer Session courses may receive compensation in one of two ways:—They may be paid in cash, as here recorded, or they may receive vacation credit.

DIVISION 16—FOREST PRODUCTS LABORATORY

The Federal Government, by an agreement with the University, pays all salaries in the Forest Products Laboratory. There were approximately eighty officers so employed during the year 1910-11, and the Federal Government expended in salaries and maintenance items \$128,042. Lectures were given to University students without charge.

DIVISION 17—PHYSICAL PLANT

It is the policy of the University to administer the affairs of the dormitories and dining halls and the general care of the buildings and campus under the division "Physical Plant"

COLUMN B—WAGES OF EMPLOYEES

In 1910-11, the University spent \$100,733.27 for labor. The greater number of the employees of the University are either those connected with the College of Agriculture, as farm hands, dairy and garden employees—to whom \$40,298.50 was paid in 1910-11—or those connected with the Physical Plant—janitors, watchmen, campus employees, teamsters, kitchen, dining room and dormitory help, etc. The number varies according to the time of year.

COLUMN C—PRINTING, POSTAGE, OFFICE SUNDRIES

This column includes items connected with the operation of the various offices such as postage, telephones, telegrams, stationery, printing and publishing, travel, freight, etc. A large amount of printing and publishing (catalogues, announcements, bulletins) is charged to administration, since this material is issued from administrative offices. Of the total cost (\$17,060.95) charged to Administration, \$10,486.30 was for printing and over \$4,000.00 was spent for postage and office supplies.

DIVISION 6—COLLEGE OF LETTERS AND SCIENCE

The College of Letters and Science maintains some twenty-five offices.

DIVISION 7—COLLEGE OF AGRICULTURE

The College of Agriculture issued circulars, bulletins, etc., to the amount of \$2,764.76. Its postage item was \$5,864.04, and travel connected with extension and research work throughout the state amounted to \$8,156.00. Freight, not directly charged to goods received, amounted to \$3,048.12.

DIVISION 11—UNIVERSITY EXTENSION DIVISION

The University Extension Division, because of its enormous correspondence, consumed \$6,161.24 for postage, and its travel item was \$6,298.50. The remainder, of the total \$14,828.41, was largely made up of printing.

DIVISION 12—AGRICULTURAL INSTITUTES

Agricultural Institutes consumed \$5,891.31 in printing, and \$4,488.47 in travel.

COLUMN D—LABORATORY SUPPLIES, PROVISIONS, ETC.

This column includes:

- (a) Payments made for laboratory supplies used up by the students.
- (b) Apparatus, chemicals, glassware, etc., used by University officers for purposes of demonstration, etc.
- (c) General supplies used for the proper care and cleanliness of the buildings.

- (d) The cost of provisions, groceries, etc., for the dining rooms.
- (e) Hay, grain, etc.

DIVISION 3—PHYSICAL EDUCATION

The charge in Physical Education includes the laundry charges for towels and gymnasium suits, which amount to \$1,200.00. The balance largely results from the purchase of gymnasium apparatus.

DIVISION 6—COLLEGE OF LETTERS AND SCIENCE

The entry of \$45,193.95 in Letters and Science is largely composed of items for laboratory supplies, and is covered by payments made by students for this purpose.

DIVISION 7—COLLEGE OF AGRICULTURE

Concerning the charge \$121,481.49 for the College of Agriculture, \$86,185.49 was paid for milk which was used for laboratory and demonstration purposes in the various dairy courses, and was then sold as cream, butter, cheese, etc. The money thus received was turned into the general fund as entered on the Summary of Receipts, pages 4 and 7. Seeds and sundry supplies, feeding stuffs, fertilizers, etc., for Madison and sub-stations consumed, \$25,378.23.

DIVISION 8—COLLEGE OF ENGINEERING

In the College of Engineering, expensive machinery and apparatus consumed \$19,652.23, and material used by the students cost \$9,460.39.

DIVISION 17—PHYSICAL PLANT

The apparently heavy cost of the Physical Plant, viz., \$47,125.08, is explained by the cost of provisions and materials for running the dining halls and maintaining the dormitory buildings, which aggregate \$38,494.96 and \$7,574.15 respectively.

STORE

The University often buys in wholesale lots and dispenses from its store room. It purchases cement, for example, by the thousand barrels and thus insures good quality and quantity to con-

tractors of new buildings. It carries a large supply of pipe fittings, valves, etc., standard chemicals, stationery and a line of staple articles. These, when ordered, are charged to the various departments or divisions. The amount of stock on hand is therefore held "on inventory" until dispensed.

COLUMN E—HEAT, LIGHT, REPAIRS, ETC.

The University has constructed a central heating station which provides practically all the steam that is used for the heating of the buildings and the operation of machinery. The greater amount of water that is used by the University is pumped directly from Lake Mendota. The central plant, pumping station, tunnels, etc. are kept in repair by the regular force of the heating station. The entire operating cost of this plant is carried as an independent operative charge, and this amount is apportioned to the various divisions according to the estimated amount of their consumption, and is included in the various sums of this column.

For a number of years, electricity has been purchased from the Madison Gas & Electric Company. The total amount is distributed to the various divisions.

Repairs are distributed to the various divisions. The word "repair" is used in a comprehensive sense and includes the general cost of upkeep and replacement, whether made by the University force of artisans (carpenters, plumbers, painters, masons, etc.) or by outside concerns.

A redistribution of the charges in the column might be made as follows:

Total heat, power, water.....	\$108,529.66
" electric current.....	22,730.03
" repairs.....	46,140.71
" rent.....	2,785.74
" interest.....	3,975.31
" insurance.....	5,913.81
	<hr/>
	\$190,075.26

COLUMN F—ADDITIONS AND IMPROVEMENTS

In this column are listed all items that are of the nature of permanent improvements of, or of additions to, the University grounds and buildings, such as land purchases and land improvement, enlargement of buildings, new construction, new furniture, new machinery and books, in short all items chargeable to capital.

DIVISION 2—GENERAL LIBRARY

We find that the General Library has been enlarged and improved to the amount of \$20,690.83. While this amount is largely made up through the purchase of new books, and the continuation of journals, it includes an item of something less than \$2,000.00 expended for book binding, which is strictly a maintenance charge.

DIVISION 6—COLLEGE OF LETTERS AND SCIENCE

The College of Letters and Science purchased new furniture to the amount of \$2,627.67.

DIVISION 7—COLLEGE OF AGRICULTURE

The college of Agriculture expended sums as follows:

Improvement of buildings and grounds, viz., the reconstruction of farm buildings, etc.....	\$37,339.65
Furniture	5,106.75
Tools and machinery.....	3,654.71
Books	1,489.27
Total.....	\$47,590.38

DIVISION 8—COLLEGE OF ENGINEERING

The College of Engineering spent \$2,824.66 for new furniture.

DIVISION 9—LAW SCHOOL

The expenditure of the Law School was principally for books.

DIVISION 17—PHYSICAL PLANT

An aggregate amount of \$252,642.26 (listed under the Physical Plant during the year July 1, 1910 to June 30, 1911) was expended as follows:

Land purchases	\$58,038.73
Improvements of buildings and grounds exclusive of Agricultural College given above	9,952.94
New Construction—Special Funds:	
Biology building—on account.....	\$59,937.56
Service building and equipment—on account...	31,808.37
Engineering—addition and equipment—on account	28,790.45
Horticulture building—on account	22,538.85
Various buildings.....	35,283.21
Furniture for Lathrop and Chadbourne Halls.....	178,358.44
	6,292.15
	\$252,642.26

FEES REFUNDED

All tuition fees, incidental fees, laboratory fees, etc., are payable in advance, but if for any reason a student does not complete work as originally planned, the fees are returned on a *pro rata* basis. The amount so returned added to the division totals gives a grand total of expenditures—\$1,899,369.93.

GENERAL BALANCES

On July 1, 1910, the books of the State Treasurer showed an unexpended balance of.....	\$196,535.10
Add total receipts as per summary.....	1,817,124.79
Gives gross amount available for year 1910-11.....	\$2,013,659.89
Deduct total expenditures as per summary.....	\$1,899,369.93
Leaves on books of State Treasurer June 30, 1911 an unex- pended balance of	\$114,289.96

H. C. BUMPUS,

Business Manager

May 30, 1912.

