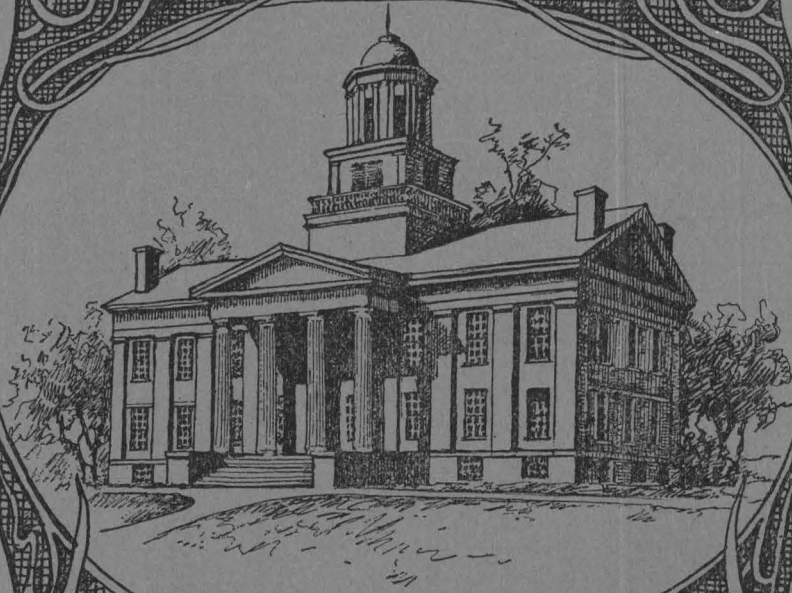




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NOVEMBER 15, 1904

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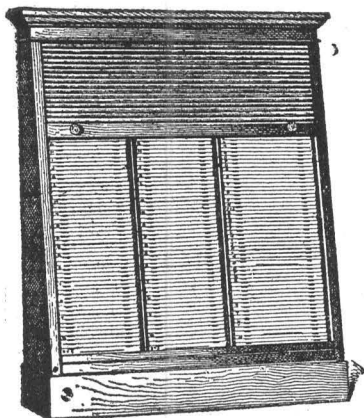
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WILLIAM GALT RAYMOND, C. E.
PROFESSOR OF CIVIL ENGINEERING AND HEAD OF THE
DEPARTMENTS OF ENGINEERING
THE STATE UNIVERSITY OF IOWA

The Iowa Alumnus

VOL. II

NOVEMBER, 1904

No. 2

THE ENGINEERING DEPARTMENTS OF THE STATE UNIVERSITY OF IOWA

BY

CHARLES SCOTT MAGOWAN, C. E. '84, A. M. '87, S. U. I.
PROFESSOR OF MUNICIPAL AND SANITARY ENGINEERING

“Professor Leonard’s connection with the University—1860 to 1887—was crowded full of labor, conscientiously performed and with satisfaction both to the governing Board and to hundreds of students who came within the sphere of his influence.”

As I read this paragraph in an earlier number of THE ALUMNUS I could scarcely refrain from indulging an approving “amen,” for having been one of the students who came within the sphere of his influence, I appreciated the correctness of the statement, and could have approved it even though it had been much stronger.

But why this introduction to an article entitled as above? Because from the fullness of this man’s labors while he was Professor of Mathematics and Astronomy came the beginnings of engineering instruction in the State University of Iowa.

Prior to 1868, the Collegiate Department of the University was divided into two courses—the classical and the scientific. Instruction in plane trigonometry and surveying was given in both courses. In the catalogue for '68-9, under the heading “instruction in Mathematics and Astronomy” occurs the following announcement: “Provision is to be made for instruction in the theory and practice of civil engineering: the object of which will be to qualify the students for useful positions in the profession. The valuable set of mathematical and engineering apparatus belonging to the University will be an important help in the study. The instruction contemplates an acquaintance with topographical drawing, a familiarity with the theory of engineering instruments and their repeated use in the field.”

Until the year '72-3, the instruction in the two courses mentioned above was identical through the sophomore year. In the last two years of the scientific course, some of the subjects offered belonged essentially to engineering. Among these may be noted topographical surveying, strength of materials, construction of arches and bridges, and designs and

drawings of structures. The department of mathematics was provided with "a complete sets of engineer's and surveyor's instruments."

In President Thatcher's Report of the University bearing the date of December 20th, 1871, Professor Leonard, writing of the mathematical courses says, "The second section embraces the mathematics necessary for entering the practice of the different branches of engineering. Those who would follow the profession of engineering are afforded an opportunity of acquainting themselves with those mathematical laws and processes which are the only safe reliance in the prosecution of their chosen avocation. The greatest need of the department at the present is:—

"1. A collection of models, illustrating the different styles of structures, as of bridges, arches, etc.

"2. A full collection of the various instruments used by engineers, so that the pupils may be made practically acquainted with their construction adjustments, and use.

"3. A set of drawings of some of the most important public works, exhibiting the manner of their structure, their strong and their weak points, and showing how the latter are guarded."

From September '71 to March '73 Professor Leonard was assisted by Alexander Thompson, C. E., who, it appears, built a "fine bridge model eighteen feet in length, exhibiting in a new and simple manner the strain on the different parts of such a structure."

In September, 1873, three courses of study were offered in the Academical Department of the University, viz.: Classical, Philosophical, and Scientific, and in connection with the Scientific Department "there will be an opportunity for thorough instruction in Engineering," and it was announced in the catalogue of '73-4 that "It is the purpose of those in charge of the course of study to make it as thorough and practical as possible. With this end in view, constant reference will be made to actual operations and constructions, data will be taken principally from real cases and the corresponding computations made by the students."

In June, 1873, Philetus H. Philbrick, C. E., was elected Professor of Civil Engineering.

Professor Philbrick was graduated from the University of Michigan, in the class of 1868, having in two years, completed courses which entitled him to the degrees of Civil Engineer and Bachelor of Science. He was a man of very strong personality, and of keen intellect, was independent in thought and fearless in expression; he was master of the art of controversial writing, and seemed to thoroughly enjoy the practice of the art.

He was especially well grounded in mathematics, both pure and applied, and his contributions to literature were principally along this line. He

practically discarded the use of logarithms in all computations, and ably defended this position against all comers. In the preface to his *Field Manual for Engineers*, published in 1901, he says on this subject: "The logarithmic tables are not reproduced for the reason that they are but little used and should not be used at all—and most emphatically so in this line of work;—it should be stated that there is no problem in the book requiring a computation more complex than to find the cost of twenty-nine oranges (say), supposing that seventeen oranges cost forty-three cents. The author must believe that no person—much less an engineer—would think of applying logarithms to the above example." This manual is perhaps his crowning effort and has proved to be a very satisfactory work on the subject. Prof. Philbrick severed his connection with the University in 1887 to reënter the active work of his profession, in which he attained marked success until death ended his activities in 1902.

In the year '74-5 seven freshmen and four junior engineering students were registered. In June, '76, three members of the graduating class were engineers, viz.: Oliver H. Buckman, John F. Polley and Cassius C. Vandersdol.

During the years '76-7 and '77-8 the University comprised four separate departments, viz.: Academic, Law, Medicine, and Civil Engineering, there being a seeming intention to give the civil engineering course the dignity of departmental existence. The following year, however, the engineering course was a part of the school of science, which, with the school of letters, comprised the Collegiate Department, and this relation, although under a variety of names, has been practically maintained to nearly the present time.

John F. Polley, C. E. '76, was appointed instructor in drawing in 1878, and held this position until June '82.

In September '82, W. E. Crane, C. E., '82, Iowa, became instructor in drawing, which position he held until '85 when he was made Assistant Professor of Engineering, serving in this capacity for one year. Mr. Crane was enthusiastic and systematic in his work and did much to increase the efficiency of the instruction in the engineering course.

Charles S. Magowan, C. E., was appointed Assistant Professor of Engineering October 30th, '86, and accepted the place November 5th.

As has been said, Prof. Philbrick resigned in '87. This resignation was to take effect August 31st, but he left the university in the latter part of May or early in June, and it thus became the duty of Mr. Magowan to close up the affairs of the school year in the engineering course.

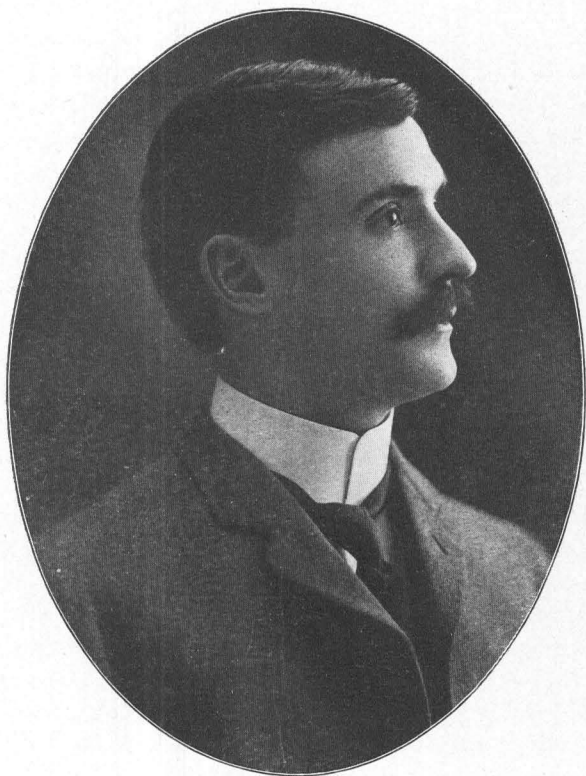
During Prof. Philbrick's incumbency some material additions had been made to the engineering equipment, considerable expansion had taken place, and the work of instruction had been placed upon a solid mathe-

matical basis. Up to the close of '86, there had been 33 graduates from the Civil Engineering Course.

The Engineering Department was first located in two small rooms in the south end of the second floor of South Hall, and a room in the armory building was subsequently used for drawing. Upon the completion of the Science Building the rooms in the South Hall were given up, space having been assigned in the Science Building. The drawing room remained over the armory until after 1887.

At the opening of the University, September, 1887, no one having been found to occupy the chair of engineering, Mr. Magowan began the year's work, being assisted by Orville D. Wheeler, B. Ph., '81, Iowa, who was given charge of the instruction in land surveying. Mr. Wheeler remained until November 1st, when Charles D. Jameson, M. S.; C. E., '76, Bowdoin, accepted the vacant chair and took up its duties. Prof. Jameson had gained considerable engineering experience on the Memphis and Charleston Railroad, the Mexican Central Railway, and as chief engineer of a construction and dredging company employed on the Panama Canal construction, and later was on the instructional staff of the Massachusetts Institute of Technology, from which he came to the University. With his coming an era of prosperity seemed to come to the Engineering Department. Some additional field equipment was secured, a shop and testing laboratory was equipped and installed in the basement of the Science Building—the entire work of the department being located in that building. More drafting and field work was done than had been attempted before and a great deal of enthusiasm was aroused in the members of several succeeding classes. During the years '90-'93, Miss Hattie J. Stimmel, B. Ph., '90, Iowa (now Mrs. Douglass, of Pueblo, Colorado), was instructor in free-hand drawing. This work was the outgrowth of a short course in free-hand drawing that had been introduced by Instructor Polley, and elaborated and enlarged from time to time by succeeding members of the instructional staff. During the winter term of '89, while Mr. Magowan was ill, Mr. C. A. Lichty, undergraduate student, had charge of the work in free-hand drawing.

Prof. Jameson was an active, enthusiastic man, a good organizer and executive, and a man of various expedients and resources. He remained with the University until June, '95. During the first years of his Professorship, the department was in a satisfactory condition, but during the last years of his stay its interests suffered from lack of attention, and the advances of the earlier years were almost lost, and what promised to be, and what should have been a most successful period of development and growth in the engineering courses, culminated in a period of depression and disappointment.



SHERMAN M. WOODWARD, M. S., M. A.
PROFESSOR OF STEAM ENGINEERING
THE STATE UNIVERSITY OF IOWA

It had been understood that when the Natural Science Departments needed their entire building, other quarters would be provided for the engineering work. In the fall of '94, this necessity became apparent. Accordingly, in January, '95, the Engineering Department was moved to the first floor and basement of Old South Hall, and was once more beneath the sheltering roof under which it had originated, where Leonard first gave engineering instruction, where the greater part of Philbrick's work in the University had been done, and where, by the way, occurred so many of the scenes that have become traditional of the Old University, and that are fondly remembered by many of the prominent men and women who have gone from the University.

In September, 1895, A. V. Sims, C. E. '88, University of Pennsylvania, became Professor of Civil Engineering. Professor Sims had acquired considerable experience in railway and other engineering works, but had had no experience in teaching engineering. Coming to the University at a time when the engineering courses were suffering from neglect, Professor Sims found an exceedingly difficult task in attempting to reinstate the engineering work of the University in the favor of the authorities, the students, and the public.

At the time of the removal of the Engineering Department from the Science Building, but little of the machinery was moved, but soon thereafter a large portion of it was taken to the basement of the Physics Building to be used in connection with work in Electrical Engineering. The engine and large testing machine remained in the Science Building. Thus, when Professor Sims came he found but little of the equipment available for the use of the department. Indeed, but little was done to make the equipment available until some of the upper classmen took it upon themselves in the fall of '97 to move the testing machine into the basement of South Hall, where it was subsequently installed, and operated by a gasoline engine furnished for the purpose. There was but little development in shop or laboratory work until 1901, except that laboratory work in cement testing had been carried along with considerable regularity since the earlier years of Professor Jameson's work.

In September, 1896, the instructional force was increased by the addition of Russell T. Hartman, B. S. in C. E., '96, Iowa, as Instructor in Engineering. Mr. Hartman served acceptably in this capacity for two years. During the year '98-'99 no instructor was provided, the work being cared for as well as could be done under the circumstances, the number of courses offered remaining the same as that of the previous year.

R. B. H. Begg, B. S., Virginia Polytechnic Institute, became instructor in 1899 for one year, and was succeeded in September, 1900, by Gaylord D. Weeks, then an undergraduate student, who was given the title of

Assistant Instructor in Civil Engineering. Mr. Weeks was awarded the degree of B.S. in C.E. in 1901, and remained as Assistant Instructor until 1902, when he resigned.

In March, 1901, occurred the fire which destroyed the Medical Building and South Hall. The Engineering Department lost heavily, but luckily saved nearly all of the engineering library, and all the field instruments.

Temporary quarters were provided for the department, and after some discussion it was concluded to build a temporary shed upon the foundation of South Hall. A limited amount of funds was provided, and Professor Sims planned and supervised the erection of the shed, pushing the work so persistently that it was completed in fourteen working days, and the Engineering Department was again "at home"—not beneath the same roof as of yore, but resting upon the same foundations. The quarters are not palatial, but we are looking forward to better things.

At the beginning of the school year, 1901-2, it was determined that more stress should be placed upon shop and laboratory practice, and accordingly the machinery remaining in the basement of the Science Building was removed to the Engineering Building, and soon thereafter the machinery belonging to the Civil Engineering Department, which had in the meantime been doing service in the Physics Department, was also placed in the engineering shed. The brick partition walls in the basement of the engineering shed were removed by the department under the supervision of Professor Sims. The floor above was supported by wooden columns, the brick from the partitions being sold to meet the expense of the change, and the whole basement was converted into one large room that was quite well suited to the purposes of a shop. Just prior to this, the Board of Regents had passed a resolution which gave the workers in the Engineering Department more encouragement than anything that had occurred for some time previously. It was "Resolved that it is the sense of the Board that the Engineering Department should be encouraged, and that in the near future, it should receive such financial support as the University is able to afford."

The installation of the shop equipment was begun by Edward Rabenau, who was in charge of the shop work of the department in the Science Building during most of the time that the shop work was done there. On Nov. 20, 1901, Samuel E. Shaff was employed regularly to look after the work, and is still in the employ of the department with the title, Assistant in Shop Practice. Mr. Shaff completed the installation of the machinery both old and new, and during the following summer put in place the equipment of the hydraulic laboratory.

In September, 1902, Byron J. Lambert, M.Di. '97, Iowa State Normal, B.Ph. '00, B.S. in C.E. '01, Iowa, accepted the position of Assistant In-

structor in Civil Engineering, and is still on the staff as instructor, doing most satisfactory work. He now has charge of the work in structures and the surveying field work. George R. Hayler, B.S. in C. E., '02, Iowa, assisted in the work of the department during the latter part of the year '02-3. W. B. Nevins, B.S. in M. E., Michigan Agricultural College, was similarly engaged during the latter part of the year '03-4.

During the spring of 1903, the School of Applied Science was organized, and as the result of the efforts of President MacLean, L. G. Weld, Professor Leonard's successor, was made director of the school. It was announced "that the scope of the school . . . must be and must remain somewhat indefinite. Its management will, however, be especially concerned with the development and maintenance of technical courses in all the departments of science. To this end the interests of these departments as a whole will be promoted in every possible way."

The efforts of the Director have thus far been devoted toward the development of the courses of engineering, with encouraging indications of success, as might be expected from Professor Weld's leadership.

During the period of Professor Jameson's connection with the University, a course of instruction in Electrical Engineering was first offered, although he was not directly responsible for the action, which was the result of a conference between Prof. A. A. Veblen, of the Department of Physics, the late D. N. Richardson, then chairman of the executive committee of the Board of Regents, and the late President Schaeffer. It was agreed at this conference that Professor Veblen might offer a course in Electrical Engineering on condition that he did not at once ask for an additional instructor for the department of Physics. Not long thereafter the matter was referred to a faculty committee, composed of Professors Veblen, Jameson, and Andrews, who on December 5, 1890, reported the adoption of an Electrical Engineering course and submitted a draft of the proposed course, which on December 12th was adopted by the faculty, subsequently approved by the Board of Regents, and published in the catalogue in the spring of 1891. Students were first registered as freshmen in the course in 1891-2. The first class to receive the degree of Bachelor of Science in Electrical Engineering was graduated in June, '94, and consisted of Beaumont Apple, Ray P. Lee and Ralph Noble. Mr. Apple entered banking business soon after graduation but the others have done most creditable professional work, as have also a very large proportion of the later graduates.

All the general and special or technical electrical work of the course was carried forward under the care and instruction of the department of Physics, with Professor Veblen in charge, until the appointment of Dr. Wells, in 1903. Additions to the equipment of the Physics Department

and the extension of its library have been determined by the joint needs of the technical and the general physical work of the department.

In June, 1903, the department of Municipal and Sanitary Engineering was created and placed in the charge of Professor Magowan. At the same time the department of Electrical and Mechanical Engineering was created, and subsequently placed in charge of Assistant Professor Roy T. Wells, B. S. '98, M. S. '98, Tufts College; Ph. D., 1903, Clark University.

Dr. Wells is well qualified to carry on the work of instruction in the Electrical Engineering Department. During his undergraduate course at Tuft's College, he specialized in electrical engineering. During the two years following his graduation, he held positions with the New England Telephone and Telegraph Company and with the General Electric Co., at Schenectady, N. Y. For three years he did graduate work in physics and mathematics at Clark University. He is joint author with Prof. Hooper of Tuft's College of "Electrical Problems for Engineering Students."

It is the purpose of the department to provide instruction of the highest grade in electrical theory and practice for both undergraduate and graduate students in order that they may be able to enter the profession of electrical engineering, so thoroughly familiar with fundamental engineering principles that they may not only be masters of present practice, but that they may be able to advance engineering science. At the present time the department is housed in the basement and second story of the old armory building, and will soon have the entire building for temporary quarters. Considerable apparatus has been installed for illustrative and experimental purposes, and a great deal more will be installed during the present year.

Courses in Mining Engineering, and Mining and Metallurgy were first offered at the University in 1892-3, in connection with the department of Geology. As outlined at that time, these courses were comprehensive and thorough, including a number of liberal studies, in addition to those that were purely technical.

In September, 1903, Frank A. Wilder, B. A. '92, Oberlin; Ph. D. '02, Chicago, was called to the chair of Economic Geology, Mineralogy and Mining. The courses in mining were thoroughly revised, the changes consisting mainly in the addition of chemical and metallurgical subjects, and the course in metallurgy as distinct from the mining course was dropped. During the year considerable equipment was added and the library was strengthened, and still further and more important additions are being made during the present year. An order has been placed for a working model of a concentrating mill, complete in every detail, which is large enough to treat ores on a commercial scale. This model when received will be installed in the basement and first floor of the medical

shed which has been connected with the engineering shed by means of a corridor.

Dr. Wilder is eminently fitted to carry on the instructional work of this field. He has done graduate work at Yale, at the Freiburg School of Mines in Saxony, and at the University of Chicago. He has been Professor of Geology in the State University of North Dakota and State Geologist of that state. In addition to his present position in the University he is State Geologist of Iowa, having been recently appointed to that office upon the resignation of Professor Calvin.

In June, 1903, Arthur G. Smith, B.Ph. '91, M.A. '95, Iowa, was made Professor of Mechanics in the department of Mathematics. Professor Smith has greatly developed the laboratory work in strength of materials.

Through the activity of Director Weld three alumni lecturers were appointed in 1903-4, each of whom gave a course of lectures on subjects in which they had become specialists. George H. Bremner, C.E. '93, engineer of the Illinois lines of the C. B. & Q. Railway, lectured on Railway Maintenance. Walter D. Lovell, C.E. '91, lectured on Water Works Construction, and Arthur J. Cox, C.E. '91, lectured on Sewage and Sewage Disposal.

The Thirtieth General Assembly appropriated \$50,000 for the erection of an engineering building and \$10,000 for the development of water power, for illustrative, experimental and utilitarian purposes in and about the University. The right to use the water power came as a donation from Mr. and Mrs. Euclid Sanders to the School of Applied Science, and carried with it the rights and privileges now possessed by them in the Terrell dam, situated about one mile north of Iowa City.

In June, 1904, Professor Sims resigned the position of Professor of Civil Engineering and President MacLean and Director Weld were asked by the Board of Regents to find a man for the place. After some search the position of Professor of Civil Engineering and Head of the Engineering Departments, was tendered to William Galt Raymond, C. E. '84, Washington University, and accepted by him. Professor Raymond comes to the University from the Rensselaer Polytechnic Institute of Troy, New York, in which school he has been for twelve years Professor of Geodesy and Road Engineering. Prior to his connection with the Troy school he was for six years on the instructional staff of the Engineering Departments of the California State University. His professional practice has involved important railroad location, bridge design and construction and the design and construction of sewage systems. His most notable work was perhaps done in connection with the development of the Troy, N. Y. water system, with which undertaking he was connected first as chief then as consulting engineer. The entire scheme involved the design and con-

struction of a number of large dams, some fourteen miles of conduit and a twelve billion gallon reservoir, the completed work costing approximately one and a half million dollars. He is a member of numerous technical and scientific societies and author of a text book on Plane Surveying, which is a standard work on the subject, and is used in the principal engineering schools of the country. In addition to this he has contributed many technical papers to the literature of the profession.

In September, 1904, Professor Sherman M. Woodward, M. S. '93, Washington University, M. A. '96, Harvard, then Professor of Mathematics and Mechanics in the University of Arizona, was elected as Professor of Steam Engineering.

Professor Woodward accepted the appointment and reported for duty October 19th. Professor Woodward's professional work has been along a variety of lines, comprising among others, engagements with the St. Louis water department, doing work on the distribution system, and carrying on investigations in their testing departments; he was also for some time with one of the St. Louis electrical roads, and later was connected with various enterprises in Arizona—hydraulic power, pumping, and irrigation enterprises. Professor Woodward will have charge of the Mechanical Engineering work in the University.

A commission composed of Regent Allen and Professor Raymond has just returned from a tour of inspection and investigation, in which the engineering plants of the leading educational institutions of the country have been examined, preparatory to planning for our own equipment. Director Weld was also appointed on the commission but in response to his urgent request he was excused from making the trip. Architect Proudfoot accompanied the commission. The commission found in every State University visited where a building had been erected that it had been outgrown almost before it was finished. Their recommendation will therefore favor plans about twice as extensive as at first contemplated and which if it should take longer to complete will when finished give the departments an opportunity to develop their work to the best advantage.

It is now expected that work will be commenced upon the construction of the building and dam early in 1905, and will be pushed as rapidly as the accumulation of funds from the appropriation will warrant.

A site one hundred and fifty by two hundred feet has been procured for the location of the building, fronting on Capitol and Washington streets, diagonally across the street southwest of the location of the old medical building.

The strengthening of this essential element of the work of the University is very gratifying to the alumni and friends of the institution and it will also be gratifying to these friends to know that notwithstanding the evident purpose of intensifying the courses and strengthening the requirements, the entering class is about two and one-half times larger than any class that has ever entered the University.

The Iowa Alumnus

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H. G. PLUM, L. A. '94, *Managing Editor* MRS. KATE B. ROGERS, N. '62, *Alumni Editor*
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EDITORIAL NOTES

THE ALUMNI BUREAU OF INFORMATION With this number of THE IOWA ALUMNUS the Bureau of Information takes up the work of Publisher. It has not undertaken the task without considerable thought, nor in fact without some hesitation.

Two things have been kept clearly before the minds of the members of the Board of Directors, namely: That the University at this time more than at any time in the past needs the coöperation and active help of every Alumnus small and great; and that it is the business of this Bureau to place the knowledge of University affairs before the Alumni in such a way as shall best enable them to render such assistance as they may, intelligently. We believe the Alumnus can best serve the purpose above stated and the former publishers have turned it over to us with their list of subscribers and good will without cost. The price of the magazine has been kept at one dollar, although it will

appear monthly, in order to place it easily within the reach of every one and it is the earnest desire of the Bureau, and in fact necessary to the enterprise, that it shall place a good percentage of the Alumni upon the subscription list. We believe you will get value received and we want you to know that your help will go just that far in helping us and the Alumni Association to perform its real function as an organization.

THE ALUMNUS is the organ of the Alumni first, last and all the time, open to their criticisms when necessary and to their suggestions at all times. Its aim will be to put before you conditions and life at the University as they are found. To furnish you such University news as will help you to interpret the life and needs of the institution and such Alumni news as will help you to keep in touch with your former associates and friends.

The Bureau hopes that its friends will remember that the beginning of

the year and of such an enterprise is the time when funds are most needed and least in evidence. The first numbers cost as much per issue as the later ones.

MR. RICH AND THE ALUMNUS OF THE ALUMNUS Mr. Rich laid down his work as editor. One year ago when the publishers began to consider the possibility of such a publication, Mr. Rich, at their earnest request, undertook to give his time and talents to the work, a task for which he was peculiarly fitted by past experience and natural bent. The publishers felt that such a magazine has a place in University life if it could strike the right key, and taking the expressions of opinion as they came in during the past year we believe the feeling has been realized. It is but fair to Mr. Rich to say that whatever success has been reached is due to his work and the Alumni as well as the former publishers owe much to the quiet painstaking way with which he went about his task. It is with sincere regret that we see him lay down his pen, but uncertain health and the added labors which a monthly publication demands have decided him although unwillingly to pass the work to other hands. If the child of his creation shall become a man as we hope it may it will still remember the first editor and wish for him many years of continued health and usefulness.

THE WORK OF THE BOARD The Executive Committee was reinforced by the presence of the Building

Committee at the October meeting. The principal question to be settled was the time of the removal of the old Science Hall. It was decided to allow it to stand until spring when it will be given its new position. A house was rented just east of the University Hospital and the nurses will be taken from the third floor of the Hospital to their new home in a short time. The house will accommodate twenty-five or thirty nurses. Judge McClain was made honorary lecturer on Jurisprudence in the School of Law, and some minor changes were made in Morphology and English in the School of Liberal Arts.

THE WORK OF THE Y. M. C. A. The Young Men's Christian Association finds itself with somewhat changed plans this year. The new University Gymnasium having amply provided for the men; the physical department was discontinued and the whole space devoted to it leased to the University for the use of the women.

The room's directory and employment bureau had practically all of the business under its care and during the opening days of school was freely used. There were 691 rooms listed, and to date 43 persons have been found temporary and permanent employment which will amount to more than \$3,200. Approximately 500 students and friends attended the opening reception in Close Hall. Nine classes in systematic Bible study, enrolling 90 men, and meetings at times and places

most convenient have been organized. In union with the Y. W. C. A. these classes are studying courses in missionary biography and the problems of Japan and the Philippines. The Sunday meetings have had much added interest through the visits of State and International secretaries. The outlook is good for a year of study progress.

**THE ENGINEER-
ING BUILDING
PLANS** Professor Raymond of the Department of Engineering, left Oct. 22 for Chicago. After spending Sunday in Chicago, Professor Raymond met Regent Allen, L. A. '95, at Madison, and began the inspection of a group of the better known engineering buildings of the country preparatory to drawing up the plans for our own building to be begun next spring just across the street south of the spot formerly occupied by the old medical building. The places visited are as follows: Madison, Champaign, Purdue, Ann Arbor, Cornell, Lehigh, Pennsylvania, New York University, Columbia, Harvard, Massachusetts Institute of Technology, Troy, and Schenectady.

**THE ATHLETIC
BOARD OF
CONTROL** The seeming crisis in Athletic affairs last spring has left the air clear and the friends of this part of University life full of hope. The return of Professor A. G. Smith to the Board as president, the withdrawal of the resignations of Mr. Walter Davis, the Alumni repre-

sentative, and of Mr. Bush, and the incorporation of the Board gives to it a stability which it has not had since its origin. The manager, Mr. Walker, has done everything possible to clear up the obscurities that have so long worried the friends of athletics and has taken the important step of placing all funds into the hands of the University Secretary. The present Board of Control is made up as follows: A. G. Smith, President; L. W. Byers, W. J. Teeters, W. M. Davis, Alumni representative, S. H. Bush, and Dr. J. T. McClintock.

**THE ALUMNI
REGISTER** The work on the Alumni Register has been proceeding slowly through the fall but is now reaching its final stages. The volume is now in the hands of the binder and should be ready for distribution some time before December first.

The volume represents more work on the part of those who have gathered the facts than any one can realize. It has been made the more arduous because of the lack of interest on the part of many and because it has been done by piecemeal in moments snatched from other duties. In some respects it will prove unsatisfactory because of the large list of Alumni still unlocated.

On the other hand it ought to be of great service to all those interested in the institution and interested in the men and women who have gone out from her halls. It will be of interest also to those who

want to know of the men in their own profession and will be helpful to all in locating friends of past years.

A copy will be sent to all those who are now subscribers to THE IOWA ALUMNUS without further charge. Those to whom the magazine was sent last year or is sent this year, but who have not indicated their wish to have the magazine will *not* receive a copy until they send for it.

To all those not subscribers to THE ALUMNUS the cost of the Register will be \$1.00. It will contain the names of all who have received

degrees from the Institution, and the present Board of Regents and Faculty of the University. It will contain 284 pages and will be issued as a University bulletin with paper covers. The edition will not be a large one, as it was thought best for the sake of economy to make it 3,000.

The acting secretary has found the task of editing the volume a pleasant one if tedious and somewhat arduous when following his other work, but if the volume is helpful to the men and women for whom it was made he will be fully repaid for his labors.

ALUMNI NEWS.

Under this general head will appear information pertaining particularly to Alumni, such as proceedings of State and of Local Associations, banquets, class reunions, and other social functions. personals of special interest, marriages, deaths, etc.

Correspondence is solicited on any and all of these subjects, prepared with special care as to names, dates, etc., and addressed to the editor, MRS. KATE B. ROGERS, Iowa City, Ia.

Abbreviations:—L. A. Liberal Arts; L. Law; M. Medical; H. M. Homeopathic Medical; D. Dental; P. Pharmacy; N. Normal; '03, 1903.

THE CLASSES

1870

Judge Smith McPherson, L. '70, opened the federal court at Davenport October 4, 1904, being the first term held in that city in years.

1871

At the meeting of the Executive Committee of the Board of Regents on Friday, Oct. 28, 1904, Judge Emlin McClain, L. A. '71, L. '73, of the Supreme Court of Iowa, was appointed Honorary Lecturer on Jurisprudence in the College of Law.

1876

Dr. Jennie McCowen, M. '76, of Davenport, read a report on purity work before the annual state meeting of King's Daughters held in Iowa City, Ia., Oct. 26, 1904.

1877

Judge E. P. Seeds, L. '77, made a political speech at the Armory in Iowa City recently and visited with a daughter who is a member of the nurses' school in the University Hospital. Judge Seeds was formerly a lecturer in the College of Law.

1878

Miss Louise E. Hughes, L. A. '78, is instructor in the West Des Moines High School. Her address is 686 Eighteenth Street, Des Moines, Ia.

1881

Frank R. Willis, L. '81, is professor of Criminal Law in the University of Southern California.

Mr. Willis resides at Los Angeles and writes to THE ALUMNUS that he attended

the Triennial Conclave, Knights Templar at San Francisco, where he met several of his fellow classmates of '81. He furnishes the following notes:

H. C. Gesford, L. '81, is Superior Judge, Napa, Cal.

W. J. Mossholder, L. '81, is living at San Diego, Cal.

James K. Johnson, L. '81, is practicing law at San Francisco.

A. R. Molyneaux, L. '81, resides at Cherokee, Ia.

Chas. B. Elliott, L. '81, is Republican candidate for Justice of the Supreme Court of Minnesota.

1883

Rev. Walter M. Walker, L. A. '83, M. A. '86, celebrated the sixth anniversary of his pastorate of the First Baptist Church in Des Moines, on November 7th.

1890

Mr. C. A. Lichty, C. E. '90, of Fon du Lac, Wis., superintendent of bridges and buildings of the Northern Wisconsin division of the N. W. Railway, has been elected president of the International Association of Railway Superintendents of Bridges and Buildings. This Association numbers three hundred and fifty members from all parts of America and Australia and represents 163,000 miles of railway. Mr. Lichty has been in the employ of the Northwestern Railway since leaving college and has worked his way from the bottom up to his present position.

1892

Harry Richards, L. A. '92, now Dean of the Wisconsin Law School, spent a few days in Iowa City recently.

1893

Dennis M. Kellehar, L. '93, of Fort Dodge, Ia., sailed from New York for Europe Oct. 19, 1904, on a European trip. He is a member of the firm of Healy Bros. & Kellehar.

Fred Furbish, L. A. '93, of Boston, visited his parents in Iowa City the last week in October on his return from the Louisiana Purchase Exposition.

Charles C. Stover, L. A. '93, of Estherville, has been visiting relatives and transacting business in Iowa City.

1895

W. B. Guthrie, L. A. '95, is instructor in Economics in New York University.

1900

Edwin L. Sabin, L. A. '00, and wife, have gone from Des Moines, Ia., to Denver, Colo., for the winter.

1901

Ludwig Simon, M. '01, holds the position of Assistant Professor of Obstetrics in the College of Medicine of the University of Illinois.

1902

Wm. F. Speers, M. '02, of Davenport, Ia., a member of the Delta Tau Delta fraternity, has taken unto himself a wife, whom he brought recently to visit his alma mater.

Walter M. Boehm, L. A. '02, is instructor in Physics at the University of Utah at Salt Lake City.

1904

E. A. Rule, L. A. '04, has charge of the gymnasium of the Y. M. C. A. at Des Moines, Ia.

Mr. Rule spent the summer at the Harvard School of Physical Training where he was highly complimented for his superior work.

Arthur C. McLane has been awarded a scholarship in Anthropology at Harvard University valued at two hundred dollars.

NAMES AND PERMANENT ADDRESSES OF
CLASS 1904, LIBERAL ARTS

Maude Taylor, Class Secretary

Bertha Alexander, 408 South Gunnison St., Burlington, Ia.

Leo Victor Beaulieu, Graceville, Minn.

Daisy P. Blum, Monona, Ia.

Lela R. Blaine, 1126 Ave. D, Council Bluffs, Ia.

George R. Burnett, Iowa City, Ia.

Helen L. Brainerd, 3407 Main St., Kansas City, Mo.

Frank E. Chesley, Iowa City, Ia.
 John W. Cogswell, Cedar Rapids, Ia.
 Ernest B. Crane, Dexter, Ia.
 Cash R. Cross, Iowa City, Ia.
 Paul Dorweiler, Jr., West Bend, Ia.
 Harvey L. Dye, Macedonia, Ia.
 Ruth Fleming, Omaha, Neb.
 Chas. C. Foster, Iowa City, Ia.
 Ernest H. Gates, Davenport, Ia.
 Will. F. Hellberg, Anamosa, Ia.
 Mabel V. Hoffman, Muscatine, Ia.
 Lida J. Hodge, Indianola, Ia.
 Harry M. Ivins, Iowa City, Ia.
 Edward R. Johnston, Cambridge, Mass.
 Valborg Kastman, Iowa City, Ia.
 Frank D. Kern, Reinbeck, Ia.
 Rudolph E. Kleindorge, Iowa City, Ia.
 Bertha Kreichbaum, 125 S. Seventh St.,
 Burlington, Iowa.
 Emma F. Lambert, Cedar Falls, Ia.
 Lou C. Landers, Webster City, Ia.
 Laura I. Lewis, Macedonia, Ia.
 Fanny P. Lilly, 232 S. Sixth St., Burling-
 ton, Ia.
 Oscar D. Longstreth, Iowa Falls, Ia.
 Samuel H. McCrory, Sioux City, Ia.
 Jacob W. Meyer, Orange City, Ia.
 Lulu Miles, Lineville, Ia.
 Burnam A. Moffatt, Minneapolis, Minn.
 Chester E. Moffit, Fonda, Ia.
 Mary Makepeace Morris, Atlantic, Ia.
 Lulu Moulton, Maquoketa, Ia.
 Victor T. Neander, Sheyenne, N. Dak.
 Clarence A. Newman, Iowa City, Ia.
 Edmund C. Nelson, Iowa City, Ia.
 Francis Nugent, Iowa City, Ia.
 Clara C. Preston, Elkader, Ia.
 Margaret Raguet, 744 E. Fifteenth St.,
 Davenport, Ia.
 Malcom A. Royal, Des Moines, Ia.
 Edward A. Rule, Des Moines, Ia.
 Herbert I. Rutledge, Tiffin, Ia.
 John E. Savage, Hebron, Ia.
 Rose Schaefer, Clermont, Ia.
 Chas. Plume Schenck, Iowa City, Ia.
 Daniel D. Schneider, Hinton, Ia.
 Clem C. Seerley, Cedar Falls, Ia.
 Edwin J. Shannahan, Iowa City, Ia.
 Maude L. Smith, West Liberty, Ia.
 Mae E. A. Speidel, Iowa City, Ia.

Mary L. Sporleder, Iowa City, Ia.
 Ethelind Swire, Iowa City, Ia.
 Maude Taylor, Iowa City, Ia.
 Abram O. Thomas, Wellman, Ia.
 Seth Thomas, Washington, Ia.
 Hertha L. Voss, Iowa City, Ia.
 David S. Welch, Iowa City, Ia.
 Hershey S. Welch, Iowa City, Ia.
 Josef Wiehr, Iowa City, Ia.
 Warren H. White, Iowa City, Ia.
 Madge Young Macy, Adel, Ia.

CHANGED ADDRESSES

M. E. Weldy, New Sharon, Ia.
 Dr. C. V. Page, Sheldon, Ia.
 Judge C. B. Elliott, Hampshire Arms,
 Minneapolis, Minn.
 C. F. Hambrecht, St. Ansgar, Ia.
 Cassius Wirick, 2355 Lexington St., Gar-
 field Park St., Chicago, Ill.
 Sam Ver Veer, Box 177, Richmond, Va.,
 House No. 104 W. Marshall St.

ADDRESSES DESIRED

We will publish from time to time a list of the names of those to whom letters have been sent but returned to us. If you can help us locate any of these lost ones your kindness will be greatly appreciated.

Kennedy, Irving B.	Hedges, Mary K.
Millar, Frank R.	Kelley, Orange R.
Perry, Maria G.	Scales, Richard E.
Vawter, Geo. A.	Doe, Edward M.
Davis, Joseph W.	Rhodes, Eugene J.
Coffman, Walter S.	Van Sickle, A. R.
Baldwin, Chas. R.	Murray, Geo. H.
Robinson, Robert E.	Caldwell, J. E.
Smith, L. P.	White, Henry C.

PHARMACY COLLEGE NOTES

The Pharmacy College was represented at the American Pharmaceutical Association at Kansas City, Mo., Sept. 5-10, 1904, by Dean Wilber J. Teeters, and Miss Zada Cooper.

Mrs. Lillie Reynolds, P. '97, of Brayton, Ia., whose daughter is taking work in the College of Liberal Arts, is registered in the College of Pharmacy for special work.

J. C. Delane, P. '99, owner of the Fraternity Pharmacy at Exeter, Neb., has disposed of his stock.

R. H. Gates, P. '01, formerly with McArthur, in Des Moines, has resigned and will become a traveling salesman for Frederick Stearns & Co., Detroit, Mich.

J. W. Swain, P. '02, has left the Oleson Drug Co. at Fort Dodge, Ia., to accept a position in the McNamara Pharmacy at Humboldt.

J. A. Goodall, P. '02, is now located at Terry, S. Dak.

A. W. Nixon, P. '02, has bought an interest in a pharmacy at Jamaica.

Miss Grace Collins, P. '03, has returned to the University to continue scientific work in the college of Liberal Arts.

W. F. Webbles, P. '03, formerly with H. C. Campbell & Co., of Clinton, is now with G. Schlegel & Son of Davenport.

C. E. Duncan, P. '03, of Nichols, was a visitor at the time of the Iowa-Ames game.

Walter T. Coffman, P. '04, holds a responsible position at Salt Lake City, Utah.

L. R. Henderson, P. '04, is now with W. H. Graff, of Muscatine, Ia.

E. S. Selby, P. '04, is managing a store at Blue Mound, Kans.

J. A. Farley, of Waukon, Ia., accepted a position with the E. L. Boerner Pharmacy at Iowa City Sept. 1st. Mr. Farley was the honor man of his class.

J. S. Newell, P. '04, has accepted a position at Ackley.

A. B. Benn, P. '04, has purchased an interest in a Pharmacy with Dr. D. T. Stewart, at Hartley, Ia.

MISCELLANEOUS NOTES

W. H. Norris, L. '82, of Manchester, Ia., a Mason of high degree, attended the Triennial Conclave recently held in San Francisco and was appointed as Very Eminent Grand Standard Bearer of the Grand Encampment Knights Templar of the United States.

This is the highest appointive office in the gift of the Grand Master and brings to Iowa for a term of three years the beautiful standard of the Grand Encampment.

Mr. Norris is a leading republican in the State and has served his party in a

number of offices. He was a member of the twenty-fourth general assembly and introduced the Australian ballot bill to that body. He has held the office of city solicitor of Manchester for a dozen years.

Charles B. Elliott, L. 81, is republican candidate for Justice of the Supreme Court of Minnesota and is running in opposition to the Supreme Judge who rendered the decision that the Minnesota State University was a charitable institution and therefore under the Board of Control of Minnesota.

Judge Elliott, since his graduation has received the degree of Ph.D. from University of Minnesota in 1887 in course and the honorary degree of LL.D. from the State University of Iowa, 1895 and Marietta College 1904. His home has been in Minneapolis since 1884. In 1890 he was appointed judge of the municipal court of the city of Minneapolis, and in 1893 was appointed judge of the District Court of the Fourth Judicial District, which position he still holds.

He was offered the position of Chief Justice of the Supreme Court of the Philippine Islands but declined the honor.

From 1890 to 1898 he was a member of the Law Faculty of the University of Minnesota and has been an active member of all the prominent law associations.

Judge Elliott devotes as much time as his duties will allow to the preparation of addresses and articles on legal and public questions and is a contributor to leading magazines and reviews of the United States and Europe. He is the author of several law books which have had a large sale, notably, "United States and the Northeastern Fisheries," 1887; "Law of Private Corporations," 3d ed., 1900; "Law of Public Corporations," 1898; "Law of Insurance," 3d ed., 1902.

Dr. W. R. Patterson, L. A. '95, statistician, will assist the secretary of the executive council in the compilation of the census records next year. The card system will be used.

The work of collecting the statistics is in the hands of the assessors who are furnished the cards by the county auditors. These cards are returned to the Secretary of State who will turn them over to the executive council for compilation and publication.

The use of the card system will materially decrease the cost and be much more convenient in many ways than the book method.

The Des Moines Register-Leader for October 5, 1904, contains the following letter from Edwin L. Sabin, L. A. '00, to an officer of the Humane Society:

"Dear Madam: "A mangy and asthmatic old dog has taken up quarters under a barn across the way, whence he sallies forth at times, and at night raises a weird, coyote like noise.

"I regret very much to have any animal killed; but in this case winter is approaching and it seems best to have this vagabondish old rascal put to sleep. If you will send someone who is used to shooting animals I will point out our friend to him.

"The dog is a poodle, I should judge. He may be valuable, but he is unfortunately without a protector.

"Edwin L. Sabin, 1300 Seventh Street."

R. E. Conniff, M. '84, of Sioux City, Ia., was commissioned by the State Board of Health to prepare a paper expressing the views of the Board as an official body and stating the urgent reasons for the establishment of a sanitarium for consumptives and for the treatment of tuberculosis.

Dr. Conniff presented an outline of the paper to the State Board on Oct. 19, 1904, which was approved, and he was authorized to complete the paper and forward it to the State Board of Control.

The paper was very conservative in its estimates, but stated that the number suffering from tuberculosis and consumption in Iowa is between 3,000 and 4,000.

Conditions are such that it will increase much more rapidly in the future than in

the past. Discrimination is now made against houses and farms where there are consumptives and the public welfare demands greater protection for the community at large.

Dr. Conniff has the record for always voting "no" on any proposition to approve gasoline lamps. He will not vote to recommend to the State as safe that which is not safe unless properly handled.

Clarence D. Clark, L. '74, United States Senator from Wyoming, entertained five other U. S. Senators at his home in Evans-ton, Wyo., Oct. 7, 1904.

The party was composed of Senators Fairbanks, Dolliver, Fulton, Kearns, and Warren. A novel feature of the political meeting in the evening was a body of forty young ladies constituting the Evans-ton Woman's Club of First Voters.

Egbert R. Townsend, L. A. '99 has given up his position as local editor on the Iowa City Republican and has become press agent for the Parker Amusement Company.

The show has been working southwest since leaving Iowa and expects to spend some of the winter months in Mexico, going as far as the City of Mexico.

T. W. Fatherson, C. E. '00, spent Sunday, Oct. 23, 1904, with Nate B. Barber, C. E. '99, at Colorado Springs, Colo.

Mr. Fatherson is grade expert for the C. R. I. & P. R. R. and has changed his address from Cedar Rapids, Ia., to Chicago, Ill., care H. F. White.

James E. Gow, L. A. '01, has resigned his position as assistant forest expert in the U. S. Bureau of Forestry and has accepted a position as head of the Department of Botany in the Blair Presbyterian Academy at Blairstown, N. J.

The engagement of Mr. Gow and Miss Faith James, of Greenfield, Ia., has recently been announced.

Herbert S. Fairall, L. A. '74, is making a tour of several states with an exhibit car of Wisconsin products. He was in

Iowa City for several days in October, and welcomed many visitors to "Grassland."

H. A. Mueller, L. A. '99, is Auditor of Madison Co., Iowa, and has favored THE ALUMNI with the financial report of the county compiled by himself. It contains complete lists of all the county and city officials and also the terms of court for 1904 in the Fifth Judicial District. It is illustrated with photographs of the county officers, and among the pictures are those of James J. Crossley, L. A. '91, M. A. '97, L. '00, Senator 16th District, and H. A. Mueller.

Miss Delia Hutchinson, L. A. '83, and Miss Ada Hutchinson, L. A. '91, have purchased the property east of Judge Milton Remley's property and will erect a home for themselves in the near future.

Katharine Close, L. A. '02, and Ethelind Swire, L. A. '03, were bridesmaids at the wedding of Florence Seerley, L. A. '02, in Burlington, Ia., Oct. 12, 1904, and Caroline Tulloss, L. A. '02, assisted as ribbon maid. All of the young ladies are members of the Kappa Kappa Gamma sorority.

The alumni members of the Sigma Nu fraternity living at Des Moines, Newton and Colfax, have received a charter for an alumni chapter. Of the eighteen petitioners eleven are alumni of the chapter connected with the State University of Iowa, namely: Dr. Eli Grimes, H. C. Smith, J. L. Gillespie, Robt. Bannister, F. W. Crockett, F. V. Everhard, Frank C. Byers C. V. Cox, B. J. Engle, W. J. Morgan, and Dr. H. P. Engle.

Nearly all of the petitioners are members of the Des Moines Pan-Hellenic Association.

Ruth Paxson, L. A. '98, one of the national student secretaries for the Y. W. C. A. spent several days with the local Y. W. C. A. during the last week in October.

The young women entertained for her at a very pleasant reception at the home of Prof. Nutting. Prayer meetings were held on Thursday and Friday evenings and on Sunday afternoon a meeting was held in the Congregational Church which was addressed by Miss Paxson.

Prof. Benjamin F. Shambaugh, L. A. '92, of the University faculty has just completed and sent out the sixth volume of the Messages and Proclamations of the Governors of Iowa. This volume includes all the messages and proclamation of Governors Larrabee and Boies and consists of 430 pages, and has evidence of the same careful editing that has characterized the other five volumes.

The Middletonian Magazine, the organ of the Medical College will be published soon. Three numbers will be issued this year and the magazine will be made less technical and therefore more attractive to the general public. The editorial staff consists of: Fred Albert, editor-in-chief; Harry A. Lindsay, assistant editor; C. A. Noland, business manager; Maude Taylor, junior editor; N. D. Wells, sophomore editor; H. A. Miller, freshman editor; Dr. A. P. Donohue of Davenport, alumni editor.

The contents of the first number to be issued about December 1 will be: Dean J. C. Guthrie on "The New Era of the College of Medicine;" Dr. F. W. Powers of Waterloo, ex-president of Iowa State Board of Health, Medical Commissioner to Cuba during the war, will write an article on "The Health of Iowa;" Professor T. H. Macbride with an article on "Iowa Plants that Cause Disease;" Dr. E. W. Rockwood will give his experience in "A year's Research at Yale;" Fred W. Bailey will give an interesting article on the Phi Rho Sigma fraternity.

MARRIAGES

- 1894.—Curtis T. Dey, C. E. '94, to Urania S. Coldren, Iowa City, Ia., Oct. 26, 1904. Address, Iowa City, Ia.
- 1897.—Rev. Leonard Swisher, L. A. '97, to Minnie Seager, Cornell College, Marion, Ia., Oct. 19, 1904. Address, Hopkinton, Ia.
- 1900.—Gordon F. Harkness, L. A. '00, M. '02, to Mabel Gunsolus, Iowa City, Ia., Oct. 19, 1904. Address, Davenport, Ia.
- 1900.—Wm. H. McElroy, L. '00, to Lucile Wyckoff, Cedar Rapids, Ia., Oct. 5, 1904. Address, Ottumwa, Ia.
- 1901.—Frank B. Reid, L. A. '01, to Florence Seerley, L. A., 1902, Burlington, Ia., Oct. 12, 1904. Address, Oskaloosa, Ia.
- 1901.—Wm. J. McDonald, L. '01, to Marjery I. Johnston, Cromwell, Ia., Oct. 26, 1904. Address, Iowa City, Ia.
- 1902.—Maud C. Kingsbury, L. A. '02, to William O. Coast, Iowa City, Ia., Oct. 24, 1904. Address, Iowa City, Ia.
- 1903.—Wm. J. Lowis, M. '03, to Donna Maria Whiting, Iowa City, Ia., Oct. 20, 1904. Address, Adel, Ia.
- 1903.—Frank C. Carle, M. '03, to Georgia Wilson, Wellman, Ia., Oct. 5, 1904. Address, Garrison, Ia.
- 1904.—Ernest H. Gates, E. E. '04, to Ella Cochrane, Iowa City, Ia., Oct. 31, 1904. Address, Davenport, Ia.

NECROLOGY

- 1898.—Earl Clarence Saylor, B. S. in El. Eng. '98, died in Denver, Colo., the last of August, 1904, of typhoid fever. Burial, Denver, Col.
- Mary Carroll, wife of Ralph Dunlap, L. '98, and sister of Dr. Frank Carroll, M. '94, Nancy Grace Carroll, L. A. '98, and Elizabeth Carroll, L. A. '01, died of typhoid fever at the home of Mrs. R. L. Dunlap, Iowa City, Ia., Monday evening, Oct. 24, 1904, aged nearly twenty-nine years. Burial, Iowa City, Ia.

CURRENT UNIVERSITY NEWS

REGISTRATION

The general statement made by THE ALUMNUS in the last issue that this fall's registration exceeds the total registration for all of last year, and is 200 more than the registration at the same period last year, is fully substantiated by the following exact comparative statement of the two years, recently given out from the Registrar's office:

REGISTRATION FIGURES—1903-04—1904-05

	Oct 19 1903	Oct. 19 1904
Graduate College.....	112	130
College of Liberal Arts....	553	711

College of Law.....	146	179
College of Medicine.....	245	261
College of Homeopathic Medicine.....	43	47
College of Dentistry.....	105	100
College of Pharmacy.....	25	31
Library Training School...	32	25
	<u>1261</u>	<u>1484</u>
Duplicates.....	0	22
Net total.....	1261	1462

Thus the exact increase of this year over last, at the same date, is 201, and the present increase over last year's total registration—1393—is 69. A conservative

estimate, based on previous records, will place the total registration for 1904-1905 at 1600. The largest registration in any former year was 1542. Of the 1462 students listed above, 1318, are at present in attendance at the University, 144 being Summer Session Students.

Gratifying as these figures are, however, the following statement of the freshmen classes of the two years offers even greater cause for satisfaction.

THE FRESHMEN CLASS—1903-04—1904-05

	Oct. 19 1903	Oct. 19 1904
College of Liberal Arts....	127	214
College of Law.....	50	65
College of Medicine.....	56	67
College of Homeopathic Medicine.....	5	16
College of Dentistry.....	23	53
College of Pharmacy.....	11	16
	<u>272</u>	<u>431</u>

This increase of 159 in the freshmen class is, indeed, the most promising sign of the whole registration. The total number of new students (freshmen and others) registered up to October 19, 1903, was 326, and the number for the whole year was only 382; while up to October 19, 1904, 516 new students had been registered.

A further statement from the Registrar, showing the number of students in the professional colleges who, after commencing their work at Iowa, dropped out or migrated to other colleges after the first, second, or third year's work, is significant as evidence of the hold the University is maintaining on the upper classmen. In 1901-02, the number of such students was 176; in 1902-03, 167; in 1903-04, 115; and in 1904-05, 62. That is to say, that all of the students registered in all the professional colleges of the University last year, the number who, for any and all causes failed to return this year—excepting, of course, those who graduated—was only 62.

JOHN ALBERT HAMPSON

John Albert Hampson, Law '05, formerly of Osage, died very suddenly at his home in Iowa City, Friday morning, October 14th. The funeral was held Monday, October 17th, at St. Patrick's church in Iowa City. Interment was at Osage. No classes were held in the law college on the day of the funeral, and the law students, with President MacLean, Dean Gregory, and Professors Hayes, Wilcox, Byers and Gilbert, attended in a body, leading the funeral procession to the church.

Mr. Hampson was best known to the University in general as a member of the Varsity baseball nine, having pitched and played at first base in 1903, and played at right field in 1904. He had won his "I" in baseball and was a member of Alpha Phi Delta fraternity. He was as well a good student, a member of Phi Delta Phi, and had the universal respect of the professors and students of his college.

THE DRAMATIC CLUB

The University Dramatic Club has entered early upon its year's work, with an enthusiasm that promises greater success than ever. The Club met Tuesday evening, October 11th, and elected the following officers:

President, Wilmot L. Baughn, L. '05, of Harlan.

Secretary-Treasurer, Marian Stookey, L. A. '06, of Leon.

Stage Manager, George E. Hill, L. '06, of Burlington.

At the first meeting a play committee was appointed. This committee has since reported, and the Club has decided to present, as their first play this season, "An American Citizen," a four-act comedy in which Nat Goodwin and Maxine Elliott starred with great success a few years ago. The cast will soon be announced, and the play is promised before Christmas.

The Club has eighteen members this fall, and starts out with the intention of giving two plays during the year, instead of one as heretofore.

SENIOR CLASS ELECTION

The Liberal Arts class of '05, held its annual class election of officers October 12. Two tickets were in the field, the Zet.-Hep. ticket opposed by an Irving-Erodelphian-Frat. ticket. After a strenuous but good natured struggle the last named ticket was declared elected. The officers are:

James E. Goodwin, President.

Dwight Griffith, Vice-President.

Edna Boerner, Secretary.

John Shaw, Treasurer.

Wiley W. Fay, Roy Redfield, Sargents-at-Arms.

Miss Frederika B. Haan, B. A., a graduate of the University of Wisconsin, has been appointed Fellow in German. Miss Hann is a teacher of experience and holds a teacher's certificate in German issued to her by the government of Holland. She has charge of several German classes in the University, and is registered for her master's degree in the Graduate College.

Dr. E. W. Rockwood, Professor of Chemistry, has offered a prize of \$25 to the class in the University that will give the most successful "Singfest" before commencement time, provided two or more classes enter the contest. Dr. Rockwood believes very strongly in class and University singing, and wishes to see it promoted at Iowa.

ATHLETICS

The foot ball season has so far been very satisfactory to everyone interested. Without funds at the beginning of the season the team has good naturedly practiced every economy. They have foregone the luxury of the camp, worn the old suits of last year's team and gone at the game in the spirit of comradeship. And this has gone far to help the success of the team—

the wish on the part of nearly every member to see the team and not self successful.

Since the last issue of THE ALUMNUS three important games have been played. The game on Chicago field, while lost, for the first time really showed the spirit of the team and its willingness to keep on fighting to the end. The game with Ames on October 28th, did much more than give Iowa the championship of the state. It proved that Iowa has more than the ordinary team. With the back bone out of the team almost all the interval between the Chicago and Ames games, the men really showed themselves superior in everything except weight.

In the Nebraska game, with Jones and Griffith out, and with Schwinn out in a few minutes after play began the result was a foregone conclusion. The only surprise was that the team did so well. Few of the visiting Iowa men thought that Iowa was playing the game with such a handicap. Every man fought from start to finish and proved that Chalmers has developed a fighting spirit such as has not been seen here for a long time.

About \$1,200.00 was cleared from the Ames game and about \$500.00 from the Nebraska game, so that the Association has fair prospects of clearing up the bulk of its indebtedness this year.

The following are the scores:

Oct. 14—Iowa.....	0	Chicago.....	39
“ 21—Iowa.....	11	Normal.....	5
“ 28—Iowa.....	10	Ames.....	6
Nov. 5—Iowa.....	12	Nebraska.....	17

The Oratorical Association is conducting a course of four popular entertainments at the University this winter. The first of these was a concert by the Ernest Gamble Recital Company, November 11th. The remaining numbers are a lecture by the Rev. F. W. Gunsaulus, a concert by the Eva Bartlett Macy Concert Company, and a humorous lecture by Lee Francis Lybarger of Philadelphia.

Negotiations are on between the debating authorities of Iowa University and Kansas

University for a debate to be held during the coming winter. The matter is yet in the correspondence stage but something definite may be concluded before long. A debate was nearly arranged with the Kansans last year but because of the progress of the arrangements for a similar contest with Wisconsin was called off.

The debate with Illinois has been declared off by common consent, members of each society feeling the pressure of other work.

Basket-ball practice has commenced at the University, with a large number of candidates for the team, and a large amount of enthusiasm. The prospects are for a good team and a good schedule. Yale contemplates making a winter holiday tour west, and Walter McLanahan, Yale's manager, has written asking a game with Iowa, January 9th. Correspondence is in progress and it is hoped that suitable arrangements can be made. Games with Minnesota, Wisconsin, Chicago and Nebraska, in addition to state games, are also on the list of possibilities.

The members of the University had the privilege of listening to an Assembly address by President H. C. King of Oberlin College, on October 21st, and it proved a very great privilege indeed to all who attended that assembly.

President King is a very direct, forceful, sincere speaker. The personality of the man, his depth of character, his spirituality in the largest sense of the term, as these qualities are revealed in his words, is perhaps as effective and impressive as what he says. "The Supreme Conditions of Living," was the theme of the address.

The Hawkeye Chess Club has started in the season well by being declared victor in its correspondence match with the chess club of the University of Wisconsin. The Club has had an active existence for two or three years, and this year will entertain the annual meeting of the Iowa State Chess Association. Officers this fall

are C. W. Rink, L. A. '05, of Shelby, president; P. M. Payne, L. A. '06, of Linden, secretary and treasurer; and R. G. Davies, L. A. '05, of Emmetsburg, referee.

The University Debating League has chosen Professors Gordon, Patterson and Patrick as the faculty advisory board for the present year.

CROSS COUNTRY CLUB

Renewed interest has been shown in cross country running this year, a fact which promises a better track team for Iowa than any that has supported the "old gold" in the last few years.

After a large number of practice runs and hare-and-hound chases, occurring throughout the fall, the first competition run was held on October 29th. Clyde Jeffers, L. '05, of Hampton, A. C. Gordon, L. A. '05, of Iowa City, and Robert Remley, L. A. '08, of Anamosa, finished first, second, and third, respectively. The winner made the excellent time of 21:43 for about four miles.

The officers of the Cross Country Club for the ensuing year are: I. A. Burkheimer, L. A. '06, of Creston, President; Remley J. Glass, L. A. '07, of Mason City, Secretary and Treasurer; and Clyde Jeffers, Captain.

Prof. A. G. Smith spoke to the University Assembly, October 26th, on "The Growth of Disregard for Common Law." His address pointed out the various evidences of this disregard for the rights of others, and gave a timely warning as to the tendency of such a spirit.

Work on the University Buildings under construction is progressing rapidly. The foundation work of the center and south wing of the Natural Science Hall is practically completed and the erection of the iron structural work has been begun.

The gymnasium is practically enclosed and the framework for the gallery and running track is being constructed. As soon as the building is entirely enclosed

and the windows are put in, the finished floor will be laid. The building is expected to be entirely completed and ready for use before the New Year.

POLITICS IN THE UNIVERSITY

Interest in the political campaign is high at Iowa. Early in October the Republicans met and organized the University Republican Club, otherwise known as "Teddy's Hawkeyes," with the proper accessories of a glee club and a marching club. J. O. Johnson, L. A. '04, of Waterloo, is president of the organization.

The club is a member of the American Republican College League. Roy A. Redfield was sent as a delegate to the meeting of the League in Indianapolis, October 18th and 19th, where he was chosen as one of the vice-presidents.

No sooner had the Republicans organized than the Democrats, showing an equal amount of zeal, formed the University Wade Club, with J. T. Vaughn, Law '05, of Ft. Dodge, as president. Judge Wade's personal popularity among the students is very great, and was a large factor in the enthusiastic spirit of the Wade Club.

The climax of the efforts of the rival organizations, however, was the debate on the political issues of the day, held at the Armory on November 2d. Both Democrats and Republicans had strong representation and the debate was sharp and spirited. Dan R. Perkins, L. A. '01 and Law '06, who made a reputation as an Irving debater, and who has been teaching in the Philippines since his graduation, led the Republican team. He was supported by J. O. Johnson, and E. R. Walker, M. '05, of Oelwein. The Wade Club team was composed of E. J. Shannahan, Law '04, of Iowa City, who represented Iowa in the Northern Oratorical League contest of 1902; Ray Files, a prominent Zetaganian debater, and J. T. Vaughn.

The Anthropological Society of the University of Iowa has been doing some active work during the past summer. Its secretary, Duren J. H. Ward, located and

plotted a considerable number of Indian mounds in eastern central Iowa and made some interesting visits to the lake Okoboji region and to Iowa's Indian community. The discovery of several skeletons in a mound near lake Okoboji which excited the press of the state for a brief time was investigated by Dr. Ward. It was found that the work had been clumsily done and will probably be of little scientific value but an effort will be made to arrange and classify such of the material as may be of use.

Arrangements have been made by the executive committee of the society to have several lectures given during the winter relating to the anthropological work of the St. Louis exhibit which has a scientific value little guessed at by the general visitors at the fair.

The Thanksgiving game with Minnesota has at last been definitely scheduled at Cedar Rapids. The objection to Davenport was the necessity of building a grand stand which must have cost \$1,000. This necessity is avoided at Cedar Rapids and the present outlook suggests that a large portion of the state will be given a good game of football. Barring accidents Iowa's team will show their mettle on Thanksgiving day and the spectators will be treated to real Iowa football.

The University Graduate Club has been showing commendable activity during the fall preparatory to the meeting of the American Association of Graduate Students which meets in Iowa City during the holidays. Thirty-five new members have been added and action has been taken to secure a speaker to address the club some time before the holiday recess.

The work on the two gymnasiums is being rushed and the young women will be able to occupy their quarters in the Y. M. C. A. building about the same time the men will get into their new quarters. The women's quarters are going to be quite comfortable and commodious. Individual lockers are being put in place and the Gym. room is being furnished with equipment from A. G. Spalding's.

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