

CORNELL ALUMNI NEWS

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Price 10 Cents

THE LABORATORY OF PHYSICS.

Its New Home in Rockefeller Hall—Research Work of the Department—Various Special Laboratories—Twenty-Six in Teaching Staff.

Rockefeller hall, the new home of the department of physics, is the largest physical laboratory in America. The building measures 258 feet from north to south, has four floors and an attic, and contains 167 rooms. The total area of floor space is 126,000 square feet. The hall is of red brick, with trimmings of Medina sandstone. Its erection was made possible by a gift of \$250,000 from Mr. John D. Rockefeller. It is situated on the east side of East avenue, a few rods north of the residence of ex-President White, and directly across the avenue from Goldwin Smith hall. The interior is a model of convenience. To the design of laboratories, lecture rooms and recitation rooms there went years of thought and planning by the members of the physics faculty, whose ideas were freely used by the architects. All the rooms are well lighted and ventilated, and the building has its own system of protection against fire.

To Professor George S. Moler, '75, the other members of the faculty in the department unite in giving credit for most of the ingenuity and forethought displayed in the design of the building. Having all the lecture rooms open into the apparatus room, and having the laboratories for research placed in the quietest and most secluded part of the building, as well as many other conveniences which only the teachers of physics can appreciate, were the fruit of Professor Moler's many years of experience at Cornell.

For investigation and research the new building devotes more room and has better provisions than any other laboratory in the country. The entire ground floor is given up to this branch of the department's activity. On the ground floor in the north wing is the general research laboratory, which at present contains a machine for making



ROCKEFELLER HALL.

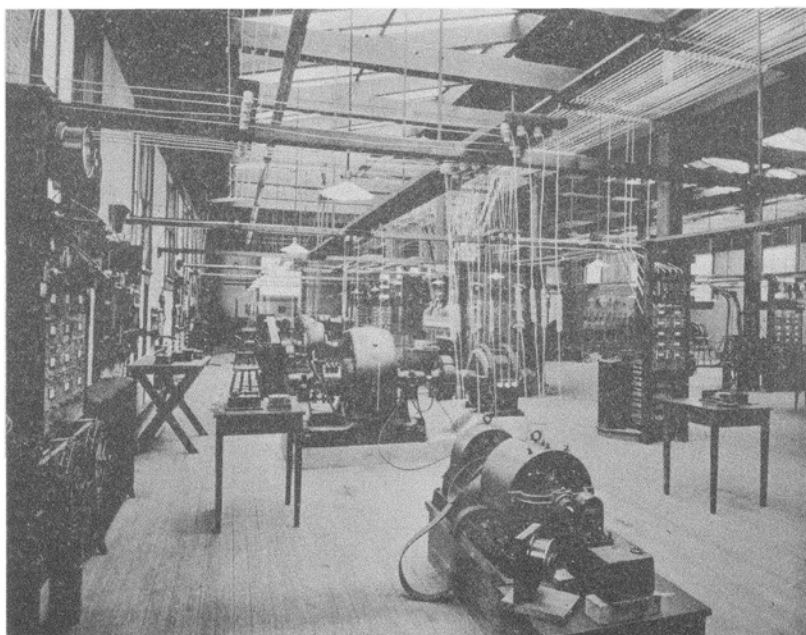
liquid air, and is to have many other pieces of apparatus. Opening off the main corridor are a number of rooms which are to be assigned individually to students doing advanced work in physical research. Here the investigator may labor uninterrupted and untrammelled. Here he may retire, with electric light and power for his purposes entirely under his own control. On the ground floor of the south wing are several rooms especially designed to contain apparatus most sensitive to vibration, change of temperature or magnetic disturbance.

Going upstairs from the research department, one finds on the first floor many instances of the economy of space and wisdom in arrangement which characterize the whole building. Just as the thought of the designers was to keep the men who are doing important advanced work by themselves, so the recitation rooms, where there is likely to be the most running about, are all arranged in one group. Right off one of the main entrances, near the southwest corner of the building, is a wide corridor running east and west, and giving entrance to the seven recitation

rooms. This floor of the main building contains the offices of administration of the department, a spacious library and a seminary room. The seminary room is to be made into a library, before another year, for the use of students in research.

The dynamo laboratory occupies the entire north wing of the first floor, and also a one-story extension to the eastward, 130 x 60 feet. This extension is lighted from both sides and above, and the laboratory is believed to be unexcelled for the study of problems in electrical engineering.

Most of the second floor of the building is occupied by the elementary and advanced laboratories. The former extends the length of the main building and is lighted from the west. The advanced laboratory occupies the north wing. Between them are apparatus rooms and the office of an assistant professor. Both these laboratories illustrate the completeness and compactness of the whole building. Electric light and power for each worker in them are controlled by central switch boards. In the center of each of these rooms is a large "heat table" of stone,



THE DYNAMO LABORATORY.

with central drainage, for experiment in problems of temperature.

In the south wing is the general apparatus room, containing an equipment valued at more than \$100,000. Opening therefrom are three lecture rooms with a seating capacity of 600, 160 and 120 respectively. Space is found for a fourth lecture room on the top floor, also with direct access to the apparatus. The largest of these lecture rooms is shown in a cut accompanying this article. The seats which were ordered for it are not yet completed, and the benches shown in the picture are to be replaced as soon as the new ones arrive. This room is so designed that the lecturer has the lighting arrangements completely under his control. All the electric lights are governed by a switch on the rostrum, and in a similar way all the windows may be darkened by pressure on a single lever. Thus, if the lecturer wishes to use the stereopticon, he may darken the entire room in a few seconds. The passage to the apparatus room is seen in the background of the picture. This lecture room is two stories in height, as in the apparatus room adjoining.

On the third floor is the photograph laboratory, containing separate rooms for the various processes. The dark rooms are ingeniously arranged without doors and yet so as to exclude all white light. This is accomplished by

maze-like entrances. Each student taking work in photography has his individual room containing running water and red lights controlled by a separate switch in the outside corridor. On the third floor of the main building are special rooms for advanced work in photography and optics.

Coextensive with the entire building is a lofty and well lighted attic, which gives plenty of room for the future expansion of the department. The whole structure has an effective system of forced ventilation and is of fireproof construction. Doors which would close automatically in case of fire separate the main building from either wing. The building also has its own high pressure pump.

The Cornell University Department of Physics is characterized by the spirit of research. As the *University Register* says, "Every encouragement is offered to advanced students for the carrying on of original investigations, and every opportunity is taken to stimulate a spirit of scientific inquiry." Cornell has turned out more leaders in physical research than any other American university except Johns Hopkins, and there facilities for research were offered earlier than at Cornell. Some idea of the character of the work done by the department is given by the number of regular members of the American Physical Society who have been

connected with the department either as teachers or students. These are, in addition to present members of the Cornell faculty:

Frank Allen, professor of physics, University of Manitoba.

William A. Anthony, professor of physics, Cooper Union, New York city.

S. J. Barnett, professor of physics, Tulane University.

J. R. Benton, professor of physics and electrical engineering, University of Florida.

C. D. Child, professor of physics, Colgate University.

William W. Coblenz, laboratory assistant, Bureau of Standards, Washington, D. C.

S. R. Cook, Berlin, Germany.

A. C. Crehore, Yonkers, N. Y.

E. R. Drew, assistant professor of physics, Stanford University.

Ervin S. Ferry, professor of physics, Purdue University.

A. L. Foley, professor of physics, University of Indiana.

William S. Franklin, professor of physics, Lehigh University.

Elmer E. Hall, assistant professor of physics, University of California.

L. W. Hartman, associate professor of physics, University of Utah.

H. J. Hotchkiss, professor of physics, Drexel Institute.

Joseph M. Jameson, head of department of physics, Pratt Institute.

Frederick E. Kester, professor of physics, Ohio State University.

Carl Kinsley, assistant professor of physics, University of Chicago.

Charles T. Knipp, assistant professor of physics, University of Illinois.

H. E. Lawrence, professor of physics, University of Rochester.

E. F. Nichols, professor of experimental physics, Columbia University.

P. G. Nutting, assistant physicist, Bureau of Standards, Washington, D. C.

R. R. Ramsey, Indiana University.

F. J. Rogers, assistant professor of physics, Stanford University.

Harris J. Ryan, professor of electrical engineering, Stanford University.

S. J. Saunders, professor of physics, Hamilton College.

Clayton H. Sharp, test officer, electrical testing laboratories, New York city.

J. C. Shedd, professor of physics, Colorado College.

Arthur W. Smith, University of Michigan.

Benjamin Warner Snow, professor of physics, University of Wisconsin.

L. B. Spinney, professor of physics, Iowa State College.

G. W. Stewart, professor of physics, University of North Dakota.

O. M. Stewart, professor of physics, University of Missouri.

Floyd R. Watson, assistant professor of physics, University of Illinois.

Other graduates of the department are G. D. Shepardson, C. P. Matthews, F. C. Caldwell, and D. C. Jackson, respectively heads of the departments of electrical engineering at Minnesota, Purdue and Ohio State Universities and the Massachusetts Institute of Technology, and H. T.

Cory, assistant to the president of the Southern Pacific Railway.

Twenty-six men compose the instructing staff of the department. At the head is Edward L. Nichols, who succeeded William A. Anthony in that position in 1887. Ernest Merritt is professor of physics and Frederick Bedell is professor of applied electricity. The assistant professors are George S. Moler, John S. Shearer and Ernest Blaker. There are fifteen instructors and five assistants.

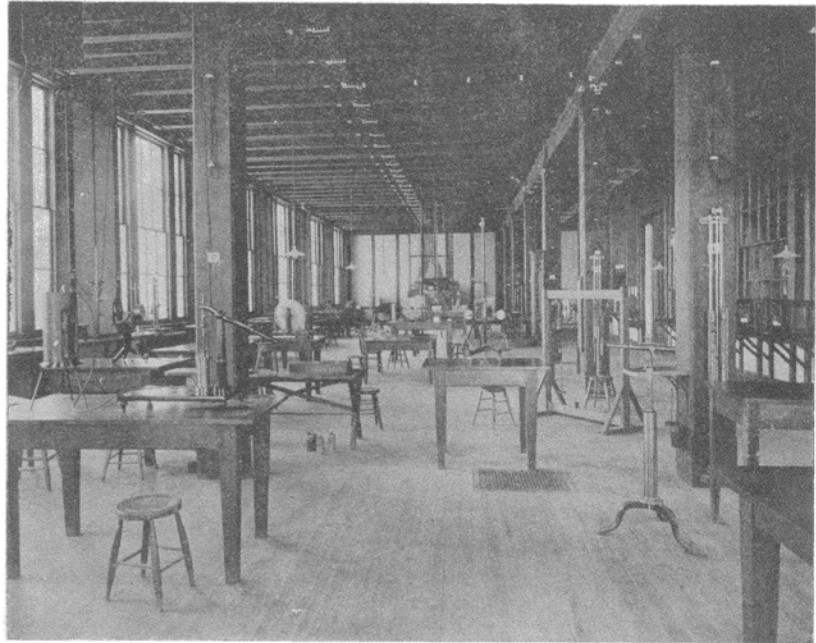
That Rockefeller hall is a busy place may be shown by giving some of the figures of the present registration in the department of physics and comparing them with those of a few years ago. There are 725 students taking the lecture course, in which 350 were registered in 1900-01; in first-year laboratory work there are 180 enrolled, as compared with sixty in 1900-01, and the second-year laboratory, which counted but 150 in 1898-99, now has 600. There are no records to show just how many students are pursuing work in the whole department, for some are registered in several of its courses, but an even fairer measure of its activity is the number of "marks" sent to the Registrar, which shows the aggregate registration in all its courses. The number of such "marks" as a result of the recent examination was 4,350.

Rocky Mountain Cornellians.

The Rocky Mountain Cornell Association, whose secretary is George P. Winters, '02, 502 Symes Block, Denver, Colo., is preparing to issue in pamphlet form a new list of its members. The secretary is sending out return postal cards for the necessary statistics. The cards are so printed that after being filled out they may be filed, making a convenient record. The form of record is suitable for adoption by any alumni association. The request for information reads as follows:

The Rocky Mountain Cornell Association will shortly prepare in pamphlet form a new list of its members. Will you kindly write upon the attached slip; 1. Your full name, and following it, the class with which you affiliated (it makes no difference whether you received a degree or not); 2. Your present business; 3. Your present business address; 4. Your present residence address.

In order to assist us in making this list complete, will you kindly write the names of all other Cornell men in your vicinity that you know or have reason to think that we have not on our list?



ADVANCED PHYSICAL LABORATORY.

PROFESSOR JONES TO RETIRE.

Mathematician Will Give Up Teaching After This Year.

Professor George William Jones, of the department of mathematics, will retire from active service as a teacher next June, and his resignation has been accepted by the Board of Trustees, to take effect at that time. The Board has taken the step necessary to assure Professor Jones a pension under the Carnegie Foundation by recommending him to the trustees of that fund.

The Board also adopted the following resolution:

In taking this action the Trustees desire to place upon record their thorough appreciation of the painstaking, faithful and successful work which Professor Jones has performed in this University since 1877, during which time he has contributed notably to the advancement of the prestige of our mathematical department, and in thanking him for these services the Trustees believe that they are only voicing the sentiment of many hundreds of students whose effective education began with the thorough drill received from Professor Jones in the inexorable reasoning of mathematics.

Professor Jones is a graduate of Yale in the class of '59, and he took the degree of A. M. there in 1862. He taught successively in General Russell's School at New Haven and in the Delaware Literary Institute at

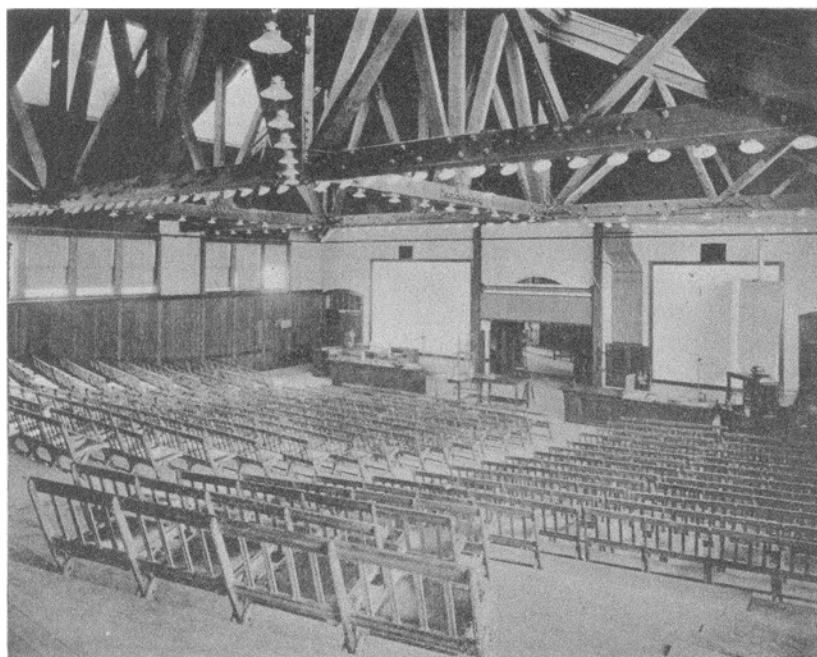
Franklin, N. Y., from 1859 till 1868, when he became professor of mathematics and civil engineering at Iowa State College. He has been professor of mathematics at Cornell since 1877. He has written several textbooks on algebra and trigonometry, and is joint author of the treatises on those two subjects "by Professors Oliver, Wait and Jones," vulgarly known as "the O. W. J."

Capt. Barton to Stay Longer.

The War Department has extended for one year the detail of Captain Frank Barton, Third Cavalry, U. S. A., a member of the class of '91, as professor of military science and tactics at the University. This insures his remaining until the close of the academic year 1907-08. The extension was requested by President Schurman in a personal interview with Secretary Taft at Washington.

Yale, 27; Cornell, 21.

The 'varsity basketball team was defeated after a hard-fought game by the Yale five at the Armory last Saturday evening. The final score was 27 to 21. Thompson, the football guard, played at center for Cornell, and the team put up its best game of the season.



MAIN LECTURE ROOM, ROCKEFELLER HALL.

NEW YORK CLUB TO BUILD.

Benefit Performance at Herald Square Theater on February 11.

The Cornell University Club of New York has started to raise a fund for a new clubhouse. As a beginning the club has taken the Herald Square theater for Monday evening, Feb. 11, the night before Lincoln's birthday. The play now running at this theater is "The Road to Yesterday." The part of the hero in this play is taken by Robert L. Dempster, Cornell '04, who was a prominent member of the Masque a few years ago. By an arrangement with the management of the theater, the club will share the profits of the evening, and hopes to clear several hundred dollars.

The club has now been for three years in the house at 58 West Forty-fifth street. It has already outgrown these quarters and has for some time been unable to meet the demand for sleeping rooms, or to accommodate comfortably all the members who use the club dining-room. An effort was made about a year ago to rent an adjoining house for a club annex, but the effort was not successful. The club is in a prosperous condition, but has felt for a long time that it could greatly increase its membership and its value

to Cornellians in New York if it had more attractive quarters. It has decided that the best thing to do is to begin at once a movement looking to the building of a house of its own. It is believed that a full attendance at the Herald Square theater on Feb. 11 will provide a good nucleus for a building fund.

'06 Night in New York.

On Saturday evening, Jan. 12, the apartments of the Cornell University Club of New York resounded with the din of yell and song pent up for six long months in the breasts of Cornell's youngest class of alumni. Thirty-one eager "Sixers" had responded to the call, and thirty-one merry fellows gathered around the table for a feast and an old-time smoker and a rehash of all the songs and stories that Naught-Six lore could furnish. Such an enthusiastic demonstration by any single class had never before been witnessed in the Cornell Club, and the older members of the club were greatly pleased with the spirit the new class of alumni showed.

Since this informal class dinner took place, a number of 1906 men have made it a point to meet at the clubhouse on one night of each week and

dine and spend the evening together. At the last such meeting, Thursday evening was chosen as the 1906 night at the club, and it is hoped that all 1906 men in New York city will take advantage of this opportunity of meeting their classmates once each week, and thus keeping in touch with class affairs. Such a custom, firmly established and warmly supported, will not only make the class a strong and active unit, but will stimulate an interest in the growth and expansion of the Cornell Club of New York.

Student Invents Fire Alarm.

L. F. Murphy, of Detroit, a brother of J. Gleeson Murphy, '05, and a member of the sophomore class in Sibley College, has invented and patented an automatic fire alarm. It is simpler in principle and design than most devices of the kind. A small brass box less than three inches square, suitable

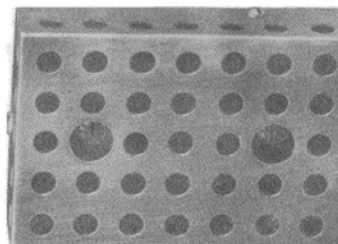


Figure A.

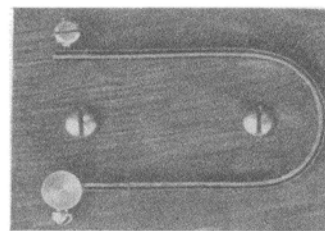


Figure B.

to place on the wall or ceiling of a room, contains a U-shaped rod of silver and steel which is expanded by heat, thereby completing an electric circuit and setting off the alarm. It may be adjusted to ring at various temperatures.

Figure A shows the exterior of the box and figure B the mechanism.

Professor Fernow's New Post.

Professor B. E. Fernow, formerly at Cornell, has been elected professor of forestry at the Pennsylvania State College.

ALUMNI ANNOUNCEMENTS.

PHILADELPHIA. — The Cornell Club of Philadelphia will give its annual banquet on the evening of Saturday, Feb. 16, at 6:30 p. m., at the Bellevue-Stratford. The club will have President Schurman as its guest and it is expected that there will also be present Senator Joseph B. Foraker, '69, and Congressman Charles T. Dunwell, '73. A number of members of the club will also speak. The occasion will be exclusively a Cornell affair. The chairman of the banquet committee is E. C. Batchelar, '02, of whom further information may be obtained at the Club Room, 109 South Juniper street.

CLEVELAND, O.—The first annual banquet of the Northeastern Ohio Cornell Association will be held in Cleveland on Tuesday evening, Feb. 19. President Schurman will be present. The banquet is to be preceded by a smoker, to be held on Wednesday evening, Feb. 13. Announcement will be made as to the place where these events will be held as soon as arrangements are completed. The committee in charge consists of Charles W. Watson, '76, chairman; Charles W. Hopkinson, '87, and Hal H. Hill, '97.

WASHINGTON, D. C.—The annual reception and dinner of the Cornell Alumni Association of the District of Columbia will be held at The Cairo on Friday evening, Feb. 8. All Cornellians are welcome.

NEW YORK.—The annual dinner of the Cornell University Club of New York will be held at the Waldorf-Astoria on Friday evening, March 1. Governor Charles E. Hughes will be the guest of honor, and President Schurman will also be there. Further announcement as to the speakers and other attractions will be made soon. The chairman of the dinner committee is Roger Lewis, 43 Cedar street.

Class Secretaries.

The Association of Class Secretaries will hold its regular winter meeting at the Cornell University Club of New York on the afternoon of Friday, March 1.

A Cornell Enterprise.

Several Cornell men are interested in the Freeborn Engineering & Construction Company, of Kansas City, which was organized and incorporated under the laws of the State of Missouri in the spring of 1906 for the purpose of carrying on a general engineering and contracting business.

Owing to the tremendous growth of the Portland cement industry in the Middle West, up to the present time the business has been largely in the designing and constructing of cement plants. Of these there are now three in various stages of completion, whose aggregate cost will be \$1,500,000 and whose average output will exceed six thousand barrels per day. Besides this work, the company has now under way, in various parts of the West and Southwest, work embracing refrigerating and heating systems, electric railways, power plants and sewer work.

The officers of the company are: F. W. Freeborn, M. E. '97, president; J. W. Prince, M. E. '99, vice-president and treasurer, and A. H. Place, C. E. '94, secretary.

In the corps of engineers employed by the company is W. H. Kniskern, M. E. 1904, who is constructing engineer in charge of the construction of the Kansas City Portland Cement Company's plant at Independence, Mo.

The offices of the company are at 707-710 Heist Building, Kansas City, Mo.

Junior Week.

The annual crowd of Junior Week guests began to flock into town before examinations were over this week. Beebe Lake was in fine condition for the Ice Carnival of Tuesday evening. The Lyceum theater was practically sold out last Friday for both comic opera and concert, and the decorators went to work in the Armory on Monday morning.

Professor Nichols's Tour.

Professor E. L. Nichols, '75, will sail from Boston next Saturday for an extended trip abroad. He expects to go first to Algeria and then to Sicily and the continent of Europe. He will return to this country next September.

The Rev. William Elliot Griffis, of Ithaca, was the preacher at Sage chapel last Sunday.

W. H. FRENCH, '73, NOMINATED.

A Candidate for Election as Alumni Trustee Next June.

William H. French, of Chicago, a member of the class of '73, has been nominated as a candidate for alumni trustee to be elected next June. The nominators are the officers and trustees of the Cornell Alumni Association of Chicago. Mr. French's qualifications for the office are set forth in the following circular letter, which has been sent by the Chicago Association to the secretaries of the other alumni associations throughout the country:

At the suggestion of representative Cornellians in Chicago and in other cities the officers and trustees of this Association have nominated W. H. French of the class of '73 for Alumni Trustee of Cornell University to be elected next June.

To those who know him it will be unnecessary to say anything in his behalf for this position, but to those who have not had the good fortune to meet him a short explanation will be of interest.

Such men as Andrew D. White, Goldwin Smith and James Russell Lowell, who were on the lecture bureau of Cornell University shortly after it opened, attracted many young men to Ithaca. Among these was W. H. French, who, during his college course, distinguished himself as student and athlete. He won honors in Latin, edited the *Cornell Era*, played at first base on the ball team for three years and rowed in the famous "Striped Pig."

After leaving Ithaca he spent one year traveling in Europe, two years on a ranch in the far West, twelve years with the Associated Press, during which period he was Assistant General Manager for two years in New York city. Today Mr. French is not only secretary and director of Barnhardt Bros. & Spindler, which firm has grown during his secretaryship for more than twenty years to be one of the largest printers' supply houses in the country, but he is also officer or director in more than fourteen other companies, chiefly in the same line of business, in New York, Chicago and other large cities in this country and abroad.

In Cornell affairs he has always been actively engaged. He was one of the organizers of the Chicago Association and three times its president; he has been his class president for ten years and they want to make the position a life one. He has been back to Ithaca many times, and during his presidency the class of '73 had one of the largest reunions any class ever held.

His broad experience, his connection with Cornell affairs and his business position, which takes him East and enables him to go to Ithaca often, will make him a valued man as Trustee, but beyond this he is a true blue Cornellian with plenty of ability and energy, and enough Cornell spirit to enthruse everyone with whom he comes in contact. We believe that Cornell Alumni the world over will be glad to elect such a man Trustee and ask if we can figure on your active support.



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All correspondence should be addressed—

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CORNELL'S GROWTH.

Professor Rudolf Tombo, jr., registrar of Columbia University, contributes annually to *Science* a digest of college registration statistics. His figures for the present year appeared in a recent issue of that periodical. They relate to twenty-three of the country's leading universities. In percentage of gain over 1905-06, Cornell stands ninth, greater gains having been made by Pennsylvania, New York University, Indiana, Missouri, Syracuse, Virginia, Nebraska and Ohio. Cornell, which ranked sixth in total attendance in 1905, is now fifth, being exceeded only by Harvard, Chicago, Michigan and Columbia.

Professor Tombo notes as a rather remarkable fact that most of the institutions this year show an increase in enrollment in the academic department—remarkable, he says, since several universities for a number of years have registered continual losses in this department. In many cases these losses were accompanied by corresponding gains in the scientific schools. At Cor-

nell this year there has been a noticeable gain in both academic and scientific departments, practically all of the latter being in the department of Civil Engineering. In the graduate schools appreciable gains are shown only at Cornell, Missouri, Virginia and Wisconsin.

As to the present growth and expansion of a neighboring institution, Professor Tombo gives these facts:

"The new buildings at Syracuse University now in process of erection and nearing completion are: (1) The general library, the gift of Mr. Andrew Carnegie, with stack accommodations for three-quarters of a million volumes, a reading room to accommodate three hundred students, and twenty seminar rooms, besides ample accommodations in the first story for the school library economy. (2) A hall of natural history, erected at a cost of about \$200,000. (3) A \$100,000 mechanical laboratory for the engineering courses in applied science. (4) A dormitory for men, with capacity for two hundred; cost about \$150,000. (5) A chemical laboratory. (6) Fourteen acres of land adjoining the campus and a large structure known for many years as the Castle, the proportions of which are finely adapted to the work of the teachers' college, have been purchased. (7) A stadium is being built with a seating capacity of about twenty thousand people; it is an excavation and after the Athenian or ancient Syracuse style. The campus of Syracuse today comprises ninety-eight acres. The total number of educational buildings is twenty-one."

For years her alumni have watched the material growth of Cornell with complacency. Are we not beginning to feel that we have a part to play in keeping her equipment up to the demands of increasing enrollment? Not only are the alumni pledged to provide the much needed athletic field, but recent class memorials have been of a

more substantial kind than formerly. Two classes, 1904 and 1906, have contributed toward an endowment fund.

CHANGE IN ALUMNI DAY.

It will be well for the members of classes which are to have reunions this year to bear in mind that Friday and Saturday, June 14 and 15, are the reunion days. Commencement day is Thursday, June 20. Of course, the annual meeting of the Associate Alumni must be held on the Wednesday of Commencement week, as before, for there is a provision in the charter of the University requiring the vote for alumni trustees to be canvassed on that day. For many years that has been a time of class reunions, and the fact that they are to take place several days earlier this year needs advertisement. It is suggested that the reunion committees publish the date in all their announcements.

The change was decided upon in the hope of making things pleasanter for both the alumni and the members and friends of the graduating class, who have been a little crowded while trying to occupy the center of the stage at the same time, and the new arrangement ought to have a fair trial this year. No alumnus should be allowed to arrive too late for the fun.

New Alumni Periodical.

The first number of the *Alumni Quarterly* of the University of Illinois has just been issued. It expresses a determination on the part of alumni of that university to organize themselves effectively and demand that the state legislature give their institution more generous support. The new periodical is a manifestation of what may be called university consciousness, a feeling which graduates of purely state institutions have been slowest to acquire. Their university is, to many of them, but an extension of the high school course and generally they have no voice in its control except through their votes cast for members of the legislature. The mission which the *Alum-*

ni Quarterly has undertaken is to stimulate a feeling of loyalty to the university among its graduates, and to make this feeling effective through pressure and persuasion brought to bear on the legislature. This purpose is very frankly stated in the leading article, which is a letter to the alumni and former students by President Edmund J. James. He urges them to see personally the members of the Illinois legislature from their respective districts, or to write to them, presenting the claims of the university, and also to see the owners and editors of local papers and explain the situation. President James says that the trustees of the university have decided to ask the next legisla-

ture for the sum of \$1,600,000, in round numbers, for the running expenses of the university during the coming two years and \$62,000 for increase of plant, besides \$1,000,000 for new buildings on the campus at Urbana and \$385,000 for new buildings for the medical department in Chicago. The Alumni Quarterly, judging by its first number, is well equipped editorially for spreading the new propaganda.

Alumni Organization.

That Yale is coming to have a highly organized body of alumni is a familiar fact of import, yet a glance

through the catalog of Cornell shows that Yale is not a pioneer in that field. Yale has 52 associations of various kinds, not counting six representing the Divinity School; but Cornell—opened in 1868—much younger in years and with a much smaller body of living graduates, has 30 organizations, one of them in Mexico and another in the Philippines. As a kind of analogue of Yale's new Alumni Advisory Council Cornell, moreover, has her "Associate Alumni" organized in 1872, incorporated in 1903, to "promote in every proper way the interests of the University," electing two University trustees each year, meeting annually the day before Commencement, equipped

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'96 JAMES HAMILTON '96
'96 PATENTS, TRADE-MARKS '96
'96 MEMBER AM. SOC. MECHANICAL ENGINEERS, '96
'96 ASSOCIATE, AM. INST. ELECTRICAL ENGINEERS, '96
'96 M. E. (CORNELL) LL. B., (B. U. L. S.), '96
'96 LATE LECTURER ON PATENTS B. U. LAW SCHOOL. '96
'96 I refer to Prof. Harris J. Ryan, Stan- '96
'96 ford University, Cal., Dr. A. S. McAllis- '96
'96 ter, No. 114 Liberty Street, New York '96
'96 City and Prof. Thomas M. Gardner, '96
'96 University of Illinois, Urbana, Ill., for '96
'96 all of whom I have done work. '96
'96 31 NASSAU ST NEW YORK '96

George K. Woodworth, E.E. '96

(Late Examiner, Electrical Division U. S. Patent Office)

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with standing committees, receiving reports from its own University representatives and with a bureau to assist young Cornell graduates in getting positions. Then there is a Cornell association of class secretaries, very nearly contemporaneous with that of Yale and this year's catalog gives a list of twenty-nine class gifts in the nature of class memorials, many of them of high value—a feature that, in coming years, may find its place in Yale's catalog too. It is all part of a general trend in the development of the greater American universities and colleges. More and more as they wax and the university conception enlarges must they become representative with the graduate body, if not at the base of the structure at least forming an integral part of its beam-work and every relation deepening, especially the fiscal one. As regards Cornell and her swift rise to university place it may not be untimely to hint at her Yale lineage in her educational father, Andrew D. White, and that font of dispersive greatness, the class of '53.—*Yale Alumni Weekly*.

To Vote on Fire Protection.

After a public hearing last Wednesday evening on the proposition to appropriate \$20,000 to give East hill better protection against fire, the common council of the city of Ithaca voted to call a special election on Friday, Feb. 8, at which the citizens will be asked to vote whether or not to levy a special tax.

A large number of persons, including several members of the faculty, spoke in favor of the proposed appropriation. A letter from Henry B. Lord, a member of the University Board of Trustees, was read, in which he said in part:

"In the consideration of this question it should be remembered that Ithaca has become one of the most important educational centers of the whole country. We cannot, if we would, live wholly to ourselves. The obligation is thus laid upon us to give all possible protection to the lives and property of the multitudes of youths who are seeking at Cornell University the education needed to prepare them for their business pursuits. The greater portion of these youths necessarily make their homes in this exposed area."

1904 Bulletin VI.

From the rockbound coasts of Milwaukee to the everglades of New Rochelle letters from fellows in the class are pouring in upon the 1904 Reunion Committee—letters that unanimously "sigh in vain to live again in the days of old." Well, scouts, the time is fast approaching and Ithaca—with all of us back—will feel so much like it did in the days of old that it'll have a headache the next morning. So there is no need to sigh in vain; all you have to do is to begin to get ready. Press the button of determination and we will do the rest.

Chuck Brady arrived at the Cornell Club in New York the other day from Nevada and reports that the western reservation will turn out its full quota of Indians. A letter from Haines Gridley at Salt Lake City says that the entire body of 1904 men in Utah will attend with their wives. That assures an attendance of eighty in itself. From all over the United States and Buffalo similar reports are being received. Even Heinie Burgweger is beginning to put away a dime each week so he'll have enough money in June to get back. And Mike Shanley has already saved up eight dollars.

Letters touching upon the financial side of the reunion are to be sent to all of you in a few days. Now, fellows, answer right away and you'll help us out.

The committee announces that a feature of the Grand Pee-rade will be a huge water-wagon decorated with pictures of angels in repose. The 1904 Princeton crowd tried to get the wagon for their triennial in June, but we beat 'em to it. The wagon was built out west and is a splendid specimen of its kind. It arrived in Chicago on New Year's day on its way to Ithaca and was received at the depot by the 1904 men in that city. Although it broke down in front of the Great Northern Hotel, the damage was quickly repaired. A reception and dance are being planned in honor of the water-wagon upon its arrival on Monday in Detroit. Toledo will greet it with a smoker and Cleveland will follow suit with an afternoon tea.

What is so rare as a reunion in June? Nothing! Well? I AM, ARE YOU?

THE COMMITTEE.

OBITUARY.

DAVID IRONS, PH. D., '94.

David Irons, Professor of Philosophy at Bryn Mawr College, died on Wednesday, Jan. 23, at the Bryn Mawr Hospital, after an illness lasting only a few hours. Though he had not been well for three or four years, he had seemed in his usual health till the afternoon preceding his death. At eleven o'clock that evening he was found in his room unconscious, and though everything possible was done he did not regain consciousness and died the following morning.

His home was in Dundee, Scotland. He was a distinguished graduate of the University of St. Andrews, where he took the degree of Master of Arts with honors in philosophy in 1891 and afterward won the Ramsey scholarship, which he held from 1891 to 1892, and the Ferguson scholarship, which he held from 1892 to 1894. He obtained a fellowship in philosophy at Cornell University in 1892, and studied at the Universities of Berlin and Jena in 1893-1894. He took the degree of Doctor of Philosophy at Cornell University in 1894 and was a lecturer in philosophy in Cornell from 1894 to 1896, acting professor of philosophy in the University of Vermont in 1896-1897, and instructor in philosophy in Cornell University from 1897 to 1900. In 1900 he went to Bryn Mawr College as associate in philosophy and head of the department. He was appointed associate professor in 1902 and professor of philosophy in 1905.

His chief interest was in ethics. In 1903 he published a "Study in the Psychology of Ethics," and he was the author of a number of articles and reviews in the *Philosophical Review* and other philosophical periodicals.

A memorial service, attended by the directors, faculty and students of Bryn Mawr College, was held on Saturday afternoon, Jan. 26, in Taylor hall, and was conducted by Professor Charles Mellen Tyler of Cornell. The interment took place immediately afterward at the Church of the Redeemer in Bryn Mawr.

CHARLES B. SIMPSON, '99.

News has been received in Ithaca of the death at Pretoria of Charles Baird Simpson, whose work as entomologist of the Transvaal Depart-

ment of Agriculture was noticed in this paper last week. He was a victim of typhoid fever.

Mr. Simpson was thirty years old. He was graduated from the University of Idaho in 1898, having specialized in zoölogy and served as assistant in the entomological laboratory. He entered Cornell in the fall of that year for special work in entomology, and took the degree of Bachelor of Science in 1899. A year afterward he took his master's degree, and in 1900-1901 he held a university graduate scholarship in entomology. During the summer of 1900 he served as special agent of the United States Department of Agriculture, and in 1901 he was appointed on the permanent staff of the bureau of entomology. He prepared a report on the codling moth which was published as a bulletin of the bureau.

In 1903 he was chosen, on the recommendation of Dr. L. O. Howard, '77, to develop the section of entomology of the newly established agricultural department of the Transvaal River Colony, and he took up his work in South Africa with an enthusiasm and initiative which won him the confidence of the people and the hearty support of the government. In 1905 Charles W. Howard, '04, another of Professor Comstock's pupils, joined him as assistant, and in addition he had a large force engaged in carrying out the work of his division. He waged successful campaigns against insect carriers of disease and against the grasshopper plague. Mr. Simpson was one of the founders of the Gamma Alpha society at Cornell, an organization of graduate students in science.

JOHN M. BLAIR, '09.

John M. Blair, of Lebanon, N. Y., a member of the sophomore class, died at the city hospital last Sunday afternoon of diphtheria. He was 24 years old. He entered the College of Agriculture this year, coming from Colgate University.

Football Rules Committee.

The football rules committees of the Intercollegiate Athletic Association of the United States and of the old University Athletic Club met in New York city last Friday and Saturday and amalgamated with each other. Professor L. M. Dennis was re-elected chairman. Edward K. Hall, of Dart-

mouth, was elected secretary in place of William T. Reid, jr., of Harvard, who has resigned as coach of the Harvard team and is to return to the Pacific coast.

After amalgamation the committee made several changes in the rules, among the most important of which were the following: Altering the penalty for an illegal forward pass, so that the side making it, instead of losing the ball, loses fifteen yards on the first and second downs and retains the ball; lengthening the game from thirty-minute halves to thirty-five minute halves; making it obligatory to have two umpires, one of whom is to have such special duties that he absorbs part of the functions of the referee.

CORNELL ALUMNI NOTES.

'73, B. S.—Franklin Ferriss, of St. Louis, Mo., who was captain of the first Cornell crew, is a member of a committee recently appointed by Judge Alton B. Parker, president of the American Bar Association, to draft a code of ethics for the association. The other members of the committee are Henry St. George Tucker, of Virginia; David J. Brewer, Justice of the United States Supreme Court; William Wirt Howe, of Louisiana; Francis Lynde Stetson, of New York; James G. Jenkins, of Wisconsin; Ezra R. Thayer, of Massachusetts; Lucien Hugh Alexander, of Pennsylvania, and Frederick V. Brown, of Minnesota.

'77, B. C. E.—John N. Ostrom, of Pittsburgh, who is known as the father of Cornell rowing, was in Ithaca last week and inspected the campus under the guidance of Dean A. W. Smith, '78, of Sibley College.

'87.—James H. Day, jr., is secretary of



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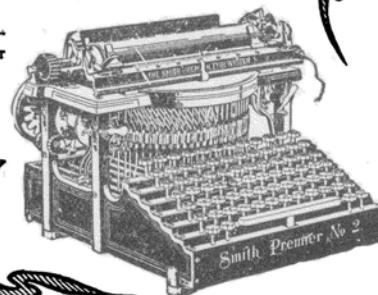
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'93, LL. B.—Bert Hanson was appointed on Jan. 23 Third Deputy Police Commissioner of New York city. The New York papers say that there were two hundred or more applicants who were looking for the job and that Mr. Hanson was not among them, but was selected by Commissioner Bingham himself. Mr. Hanson has never held public office before. He was graduated from Yale in the class of '90, and from the Cornell law school in '93. He played center on the Yale football eleven in 1889, and was manager of the Cornell football team in 1892. He is treasurer of the Cornell University Club of New York and lives at the Yale Club. Mr. Hanson's chief duty will be to preside at the trials of members of the police force for derelictions of duty.

'94, M. E.—Herbert Vanderbeek has left the Studebaker Company, of South Bend, Ind., and is now located in Hartford, Conn.

'97, M. E.—Raymer T. Hanford is in business at Sharon, Pa., as a constructing engineer.

'98, M. E.—W. W. Macon, managing editor of *The Metal Worker*, New York, read a paper on Jan. 23 before the American Society of Heating and Ventilating Engineers on "Temperatures for testing indirect heating systems."

'98, C. E.—Owen A. Wait has removed from Duluth, Minn. to New York city. His address is 6 West Eighty-second street.

'99, B. S.—R. C. Bateman is with the Retort Coke Oven Company at Cleveland, Ohio.

'99, C. E.—Frank L. Getman, recently superintendent of the Ithaca Water Board, has been appointed deputy state engineer. It is reported that Mr. Getman will have charge of the department of good roads under the act of legislature by which \$50,000,000 is to be expended in improving the highways of the state. Mr. Getman was the candidate for state engineer and surveyor on the Independence League ticket last fall, but withdrew after the fusion of that party with the Democratic party.

'99, C. E.—Walter J. Graves, who has just moved from Detroit to Sault Ste. Marie with his family, is now assistant to the superintendent of the Soo locks and canal. He will assist in designing and constructing the new \$6,200,000 lock and canal. Since his graduation, Mr. Graves has served continuously on the lake survey. Among other duties he has engaged in water level observations, and in measurements of the flow of the St. Clair River at Port Huron, and in important hydrographic survey work in the north ends of Lakes Michigan and Huron and in Lake Superior. He is credited with discovering and surveying many uncharted shoals. He has designed new apparatus and devised new methods for performing survey work.

'00, A. B.—E. A. McCreary is treasurer of the province of Oriental Negros in the Philippine Islands. He lives at Dumaguete, in that province.

'00.—Mrs. Frederick D. Colson, who was Miss Edna Martin McNary, is giving a course of ten lectures on physical education at the University in the short winter course in home economics.

'01, M. E.—L. W. Cottrell has moved from New York city to Boston. His address is 85 Water street, Boston.

'00, M. E.—C. A. Thomas has been transferred from the Boston to the Philadelphia office of the Fort Wayne Electric Works.

'02, M. E.—W. W. Fineren has been transferred from Wilmington, N. C., to the United States Engineer's office, Tampa, Fla., in connection with the improvements in Tampa Bay.

'02, D. V. M.—Charles A. Lueder, who has been assistant coach in football for several years, and who was assistant crew coach two years ago, has sold his practice in Herkimer, N. Y., and has opened an office in Ithaca.

'02, A. B.—F. W. Darling has changed his address from Buffalo, N. Y., to 505 Main street, Middletown, O.

'02, A. B.—A. Smith Petty has removed from Patchogue, L. I., to 8 North Tenth avenue, Mount Vernon, N. Y.

'02, A. B.—James R. Earle is practicing medicine in Springville, Utah.

'02, A. B.—The law office of Benjamin O. Frick is at 1118 Chestnut street, Philadelphia.

'03, A. B.; '05, LL. B.—William J.



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Warner, former captain of the football team, has been re-engaged to coach the Colgate eleven next season.

'03, B. Arch.—William Gray Purcell and George Feick, jr., both of the class of 1903, have just returned from about a year's study abroad, and have opened an office for the practice of architecture at 1007 New York Life Building, Minneapolis, Minn.

'04, D. V. M.—Bert J. Cady, who is doing quarantine work for the National Bureau of Animal Industry, has been transferred from Albuquerque, N. M., to Phoenix, Arizona. His address in Phoenix is 25 West Monroe street.

'04, C. E.—J. L. Jacobs, who has been doing field engineering work in South Dakota, is now addressed in care of the Engineer of Bridges, Chicago & Northwestern Railway, Chicago.

'05, A. B.—Wheeler S. Bishop has removed from Prairie City, Oregon to El Oro in the state of Mexico. He is with the El Oro Mining & Railroad Company. His address is Hotel Del Jardin, El Oro.

'05, A. B.—H. S. Warner has taken a position with the Hammond Lumber Company at Los Angeles, Cal.

'05, LL. B.—Bennett F. Lies has resigned his position as general manager of the F. A. Owen Publishing Company of Danville and the Vick Publishing Company of Rochester, and has entered the firm of Charles Ahrhart & Son, doing a general real estate, brokerage and insurance business, with offices at 48 West Eagle street, Buffalo, N. Y.

'05.—H. F. Plumer has changed his address to 524 West 145th street, New York.

'05, B. A. h.; '06, M. S. in Arch.—Charles Sherman Cobb is now at 771 Madison avenue, Albany, N. Y.

'05, M. E.—A. D. Hunt has changed his address from Frederick, Md., to 62 East Thirty-fourth street, New York city.

'05, C. E.—W. B. Freeman, who is with the United States Reclamation Service, is now employed at Corbett, Wyoming, in connection with the Shoshone reclamation project.

'05, M. E.—Webster P. Holman is employed by the Fuel Engineering Company of Chicago. His address is 28 Quick avenue, Oak Park, Ill.

'05 C. E.—The address of Hoxie H. Thompson is 8 Eastman terrace, Poughkeepsie, N. Y.

'06, LL. B.—S. Sherman Peer has begun the practice of law in Ithaca. He is located in the office of Mynderse Van Cleef, '74.

'06, A. B.—Harry S. King has left Toledo to become secretary and treasurer of the H. C. Stratton Company, New England agents for the American Mercedes automobile.

'06, M. E.—James P. Fisher has changed his address from Auburn, N. Y., to 534 Winfield street, Pittsburg, Pa.

'06, M. E.—Leon C. Welch, captain of last year's baseball team, has changed his address to Rockville, Ind.

'06, M. E.—R. E. Ostby has changed his address from Yonkers, N. Y., to 61 Cooke street, Providence, R. I.

'06, M. E.—A. W. Mellowes has changed

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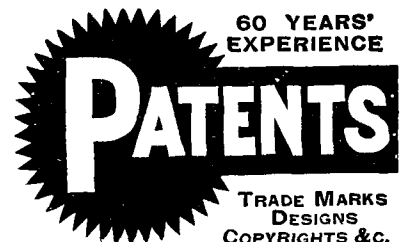
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his address from 4 Union street, Schenectady, N. Y., to 35 North Tenth avenue, Mount Vernon, N. Y. He is now with Arthur Giesler, hydraulic consulting engineer, 29 Broadway, New York city.

'06, M. E.—Donald S. Hays has changed his address to 1620 North Calvert street, Baltimore.

'06, B. S. A.—Charles F. Shaw, who has been with the United States Soil Survey in Texas, has been appointed instructor in agronomy at the Pennsylvania State College.

'06,—J. P. Van Vorst is an engineer with the York Manufacturing Company, York, Pa., and is now at Akron, O., assisting in the erection of an ice plant.

'06, A. B.—Howell S. Cresswell sailed for Europe this month, and will spend a year in study in France, Germany and Russia. His address is in care of the Anglo-American Y. M. C. A., Paris.

'06, B. S. A.—Charles W. Mann, who is with the Bureau of Soils of the United States Department of Agriculture, has removed from Petersburg, Va., to Booneville, Miss.

'06, M. D.—F. P. Goodwin is on the staff of the Presbyterian Hospital, New York city.

'06, C. E.—E. A. Dahmen has changed his address from Utica to The Press Building, Binghamton, N. Y.

'06, B. S. A.—David A. Durward has left the National Farm School in Pennsylvania for the Mount Hermon Boys' School at Mount Hermon, Mass.

'06, M. E.—William H. Gallagher, Jr., who is in the mining business in Michigan, has moved from Negaunee to Ishpeming.

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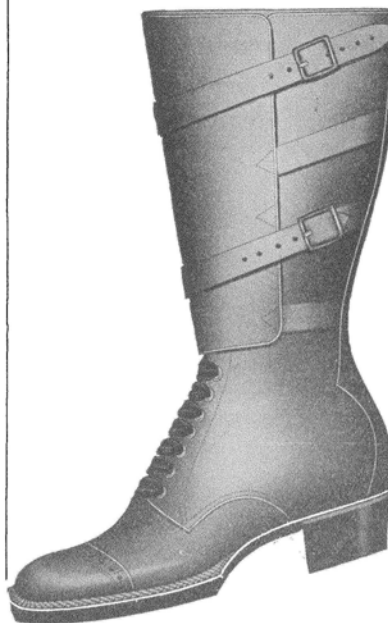
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