

CORNELL ALUMNI NEWS

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ITHACA, N. Y., FEBRUARY 10, 1916

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THE Trustees' committee on general administration held a regular meeting in Morrill Hall on February 5. Only routine business was transacted. Those present were Chairman Van Cleef, President Schurman, and Trustees Hiscock, R. B. Williams, Edwards, C. E. Treman, and Andrew D. White.

APPOINTMENTS made by the Trustees last week were: S. S. Jackson, assistant in chemistry in place of J. J. Kennedy, resigned; F. W. Pierce and M. D. McMaster, assistants in power engineering, in place of E. T. Jones, instructor, resigned.

PROFESSOR H. H. WHETZEL of the department of plant pathology in the College of Agriculture, and Dr. Edgar W. Olive, botanist of the Brooklyn Botanical Gardens, will start on February 16 for Porto Rico, where they will study fungi and investigate plant diseases. They expect to be gone eight or ten weeks. Their work will constitute a reconnaissance survey of plant diseases on the island, which is said to be a rich field. Some work has already been done there by Professor Frank L. Stevens of the University of Illinois. Professor Whetzel says that the trip is to be a combination of study and vacation and that it is wholly a personal venture. He says, however, that many men from tropical countries are coming to Cornell for the study of plant pathology, and that it will be of value to him and to the institution to have a first-hand knowledge of this and particularly to have a good collection.

MR. TAFT will be here next week to give a series of four lectures dealing with some fundamental matters in American politics and diplomacy. The addresses will be given on February 16, 17, 18, and 19, the first three in Bailey Hall at the noon hour and the fourth in Sibley Dome at 10 o'clock. The subject of the first is "Our world relationships and preparedness;" that of the second, "The Supreme Court and popular self-government;" that of the third, "The league to enforce peace," and that of the fourth, "The limits of jurisdiction of the three branches of the federal government." The first three of the lectures will be

given in Bailey Hall because their subjects are all matters of general interest at this time and Mr. Taft's audiences are expected to be large. The fourth of the addresses is intended especially for law students and is likely to be more technical than the others. So the smaller auditorium will be used for that one. Mr. Taft will come here to give four more lectures on politics in the first week of May. This entire series is on the Goldwin Smith Foundation.

THE FIRST UNIVERSITY PREACHER of the second term will be the Rev. Hugh Black, who will preach in Sage Chapel on February 13 and 20 and will pass the intervening week in Ithaca. From then till the spring recess the Sage pulpit will be occupied successively by Bishop William Burt (Methodist Episcopal), of Buffalo, on February 27; the Rev. Philip S. Moxom, of Springfield, Mass., on March 5; Dr. John R. Mott '88, on March 12; the Rev. Charles L. Goodell, of St. Paul's Methodist Episcopal Church, New York, on March 19; the Rev. Charles A. Eaton, of the Madison Avenue Baptist Church, on March 26, and the Rev. Henry E. Jackson, of The Congregational Church, Upper Montclair, N. J., on April 2.

ONE OF THE LECTURERS on the Goldwin Smith Foundation next term will be Mr. Thomas A. Daly, of Philadelphia. He will speak before the students of the College of Arts and Sciences on February 22. Mr. Daly is the author of charming lyric verse; his peculiar distinction is a talent for finding poetic material in the broken English of the Italian immigrant. Last winter he was a guest of the Book and Bowl club at Cornell. He is returning here at the invitation of the Arts college to speak to a larger audience of students.

THE PROGRAM of the second annual good roads week at the College of Civil Engineering, February 21-26, will consist of a series of illustrated lectures delivered by experts on various subjects connected with highway engineering. There will be, in addition, demonstrations and round-table discussions to include the subjects of bridge design, reinforced concrete, the selection and use of surveying instruments, and other

kindred topics, such as the identification of road materials, and demonstration tests of such materials and of the strength of beams and columns. In the strength tests, the laboratories of the College of Civil Engineering with their testing apparatus will be used. The whole course of instruction will be free. Last year's meeting, the first of its kind in New York State, resulted in bringing together more than three hundred highway engineers and contractors, county and town road superintendents and others interested in the subject of good roads. This year there are indications of a much larger attendance, and it is likely that good roads week will become an annual event.

AN UNUSUAL COMBINATION of events brought several thousand farmers and several hundred junior week guests to Ithaca this week. The railroads necessarily ran extra cars to accommodate the crowds. The number of junior week visitors was not expected to be so large as usual, because only seventeen fraternities were giving house parties. The agricultural college, on the other hand, had prepared for a record breaking attendance for the week.

A COLD SNAP made ice on Beebe Lake just in time for junior week. A hockey game between the Columbia and Cornell teams was scheduled to be played there on Wednesday morning. The Cornell seven had had no practice for two weeks because there had been no ice in Ithaca to practice on. Another athletic event of the week was a basketball game with Oberlin, to be played in the armory on Saturday afternoon. The Cornell swimming team had gone to New Haven earlier in the week to meet the Yale swimmers in an invitation match which was one of the events of the Yale junior week.

DURING the warm weather of January some work was done in the construction of North and South Baker Halls. The slaters almost completed their jobs on the two buildings and a few men were kept at work on interior construction.

THE QUARRY near the new dormitories has been doing duty as a skating rink. It contains a sheet of ice about the size of a tennis court.



A VIEW OF THE NEW RESIDENCE HALLS FROM THE SOUTHEAST

This view looks northward on West Avenue, which fills the foreground of the picture. The nearest of the buildings to the observer is Founders Hall, the Alumni Fund dormitory, which is now occupied by students. Beyond it is seen Baker Tower, also tenanted. A wing of the tower building is shown at the extreme right. The long building on the left is South Baker Hall. Beyond South Baker and parallel with it is North Baker, of which this picture shows hardly more than a chimney at the extreme left. North and South Baker Halls will be completed next summer. This photograph was taken on February 3, by J. P. Troy.

Establishment of a School of Commerce Considered

[The following is the "Report of a Committee of the University Faculty on the Establishment of a Commercial Course of Instruction at Cornell University." The report had been printed and circulated in the Faculty, and the considera-

tion of it had been made a special order of business for a meeting of the Faculty which was to be held on Wednesday afternoon of this week. The Board of Trustees had, on November 6, 1915, entertained a resolution that a school of commerce be established and had referred the resolution

to a committee, which has not yet reported. The Faculty committee's report is published here not so much for the purpose of recording its recommendations as to give the readers of this paper the large amount of ordered information which is included in the report.—EDITOR.]

THIS committee was created by vote of the University Faculty on December 9, 1914. It was asked "to consider and report upon the advisability and practicability of establishing a commercial course of instruction in the University." The essential part of this report, here submitted, is a recommendation that a College of Business Administration be established at Cornell. The proposed college would offer courses of training for business pursuits, two years in length, and leading to a master's degree. These courses would be open to (a) college graduates, (b) students who had completed three years of work in any of the undergrad-

uate colleges of Cornell University or in other colleges of similar grade, and, under careful restrictions, to (c) a limited number of mature students with business experience, not candidates for a degree.

Your committee deems it advisable to supplement these recommendations with a general survey of the field of its inquiries and a statement of the considerations which led to its findings. * * *

The Problem Mainly One of Organization

Cornell University now offers in its different colleges a variety of subjects of instruction that have a distinct vocational value for the education of business men. In both quantity and variety they surpass the contents of not a few of the

organized curricula in commerce found in smaller universities and colleges. But this does not mean that a really adequate training for business callings can now be obtained at Cornell.

In the first place, these courses are scattered among the different colleges of the University and even under the freedom of election given to students registered in the College of Arts and Sciences or the College of Agriculture it is impossible for a student to utilize them in the most effective way.

In the second place, even if all such courses were easily available to the student, they would by no means constitute an adequate preparation for a busi-

ness career, such as may be had in a number of university schools of commerce. For few of the subjects now taught at Cornell are designed, in respect either to content or to method of teaching, with primary reference to their vocational value as part of a business education. The courses offered in the Department of Political Science of the College of Arts and Sciences, for example, emphasize the public or social aspects of business institutions, rather than the problems of the business man. And the courses offered in other colleges of the University are shaped primarily for prospective farmers, lawyers, or engineers. Many of these courses could with advantage be incorporated in the curriculum of a College of Business Administration of the type proposed in this report. Others, perhaps, might wisely be included in a student's preparation for entering such a college. But to serve the purpose of a technical training for business pursuits such courses must in one way or another be grouped around a central core of purely vocational courses of a type not as yet largely developed at Cornell.* *

Finally, efficiency in vocational education of any sort cannot be obtained without definitely organized curricula. The elective system has its proper abode in the College of Arts and Sciences, but successful professional education, at Cornell as elsewhere, has been found to be most economical of time and most effective in results when a considerable part, at least, of the subjects of instruction are definitely required and are grouped in prescribed sequences. There appears to be no reason why vocational education for business should prove an exception to this rule.

The problem at Cornell is not whether the University should offer instruction in business subjects—for it is already doing this,—but whether it should create a special curriculum in business,—necessitating, of course, a considerable increase in the amount and variety of instruction in that field. In large measure the problem is one of organization, for while some forms of organized business instruction may not be worth undertaking, others may be highly desirable.

Different Types of Organization

Three principal types of organized commercial instruction are now found in American universities: (1) extension schools, offering evening courses for students employed during the day; (2) undergraduate college curricula leading to a bachelor's degree; (3) professional schools. The first type, best illustrated by the Schools of Commerce of New York

University and Northwestern University, is practicable only in a large city. The second type is the most common. The best examples of the third type are the Amos Tuck School of Administration and Finance at Dartmouth and the Graduate School of Business Administration at Harvard. The relative advantages of the second and third types need careful consideration.

Undergraduate Schools and Courses

The second type of organized business training has developed under two distinct forms: (1) a special curriculum within an established college of the university, usually the college of arts; (2) a separately administered "school of commerce," with its own faculty organization and its own director or dean. The first of these two sub-types is found at the Universities of California, Michigan, Wisconsin, and many other universities and colleges. The second is illustrated by the Wharton School of Finance and Commerce of the University of Pennsylvania, the College of Commerce and Administration of the University of Chicago, the School of Commerce at the University of Illinois, and by a few other examples.* * *

This general type of organization has some real advantages. It meets the real wants of many students entering college with a serious purpose. It induces some students to obtain a college education who would otherwise go without it. It could be undertaken at Cornell with a relatively small increase in the University budget.* * *

As between the two sub-types of this general form of organization, the first (a prescribed curriculum within the College of Arts) has an advantage in simplicity and economy of administration. But the faculty of the College of Arts and Sciences has more than once declared itself opposed to the establishment of prescribed curricula or even of the group system within that college. And it may be possible that some confusion of educational values is likely to result from the juxtaposition of subjects which appeal to students because they are elements of a liberal culture and subjects which have a purely technical or vocational purpose. Nor could all of the varied resources of the University be utilized in such a course. There would be difficulties in the freedom of election of desirable subjects offered in other colleges and difficulties of a very concrete sort in schedule-making. Furthermore, it would be exceedingly difficult to establish and maintain the desirable professional spirit among the

students registered in such a course.

The separately-administered undergraduate School of Commerce is in practice an administrative device for centralizing and co-ordinating such of the subjects taught in the other colleges of the university as it finds useful for its purposes. It may have a small faculty of its own and may offer certain subjects not listed by other colleges, but if it goes very far in this direction it passes the line which separates it from the schools of the third type (self-contained professional schools). It is able to utilize all of the subjects taught anywhere in the University for which it can provide properly-prepared students and which it can fit into its schedules. It may be able to create a somewhat better professional spirit and to maintain somewhat higher standards than are possible in a vocational course in a non-vocational college, but it shares some of the disadvantages of that type of organization. It would seem that if the combination, for purposes of vocational training, of subjects taught in the different colleges of Cornell University is all that is desired, it could be achieved in some way that would be simpler and less pretentious than the creation of another college within the University.

Professional Schools

The two foremost professional schools of business training in the United States (at Harvard and Dartmouth) are of graduate and semi-graduate grade, and your committee believes that a professional College of Business Administration, of semi-graduate grade, is the type of organization which is most desirable at Cornell. But the distinction between "professional" schools and "undergraduate" schools rests on convenience rather than logic. A school of business need not be a graduate school in order to be a professional school. A professional school, in the sense intended by the committee, has two characteristics. In the first place, it is as nearly as may be self-contained; that is, it has its own special staff of teachers giving a large part of its instruction and interested in solving its special educational problems. In the second place, its curriculum is composed entirely of technical or professional subjects. It does not give what is sometimes called "a college education for students planning to go into business," nor does it presume to offer a substitute for a general college education. It assumes that business has become a profession, or a group of professions, and offers a training for business conceived and administered in a professional spirit.

The elasticity of this type of organization, the ease with which the scope and character of its work can be adapted to fit the conditions at a particular institution and changed to reap the advantages of our increasing knowledge of the problems of business education are points in its favor. It can maintain a professional spirit among its students and can exact high standards of work. It can make the fullest possible use of whatever subjects of real value for its purposes are taught in other colleges of the University. It can so arrange its own courses as to get the maximum of profit from the co-operation of experienced business men. It can utilize research as a method of instruction, and can in other ways put its emphasis upon the real problems of business activity and upon the methods of attacking such problems rather than upon mere information about business. Finally, the students whom it would attract would for the most part be seriously and definitely interested in securing the kind of training which it would aim to offer. * * *

Entrance Requirements

That such a school might enroll fewer students than would a school offering an undergraduate college course is not in all respects a count against it. But it would, of course, be a mistake to put entrance requirements so high as to make a business education impossible for any large number of earnest students desiring such training and adequately equipped to profit by it. It should be remembered, however, that in the usual four-years' course in commerce most of the technical business subjects fall in the third and fourth years. It is only the number of students enrolled in the work of these two upper years that should properly be compared with the number enrolled in a professional school of business training. A professional school of the type proposed for Cornell really requires but one more year of preliminary work than the usual type of undergraduate school of commerce makes a prerequisite to its technical business subjects. Moreover, the two preliminary years of the ordinary undergraduate curriculum in commerce are usually closely prescribed, while the selection of a course of studies for the three years preliminary to entrance to the professional school would be very largely in the hands of the student himself. There is not much difference, therefore, in the real availability of the two types of instruction. Some, at least, of the probable difference in enrollment would be explained by the absence from the professional school of any consider-

able body of students with no serious purpose.

There are evidences that the advantages of the professional type of school are beginning to be generally appreciated. The University of California is planning to discontinue its four-years' college course in commerce and to establish a professional school of business training, requiring two years of college work for entrance, and offering a three-years' curriculum, leading to a master's degree. Columbia University has decided to establish a professional school of commerce, very similar in its plan to that proposed for the University of California. The new school of commerce at Tulane University has a similar organization. Yale University established last year in the Sheffield Scientific School a graduate year of instruction in general business subjects, open to graduates of the three-years' courses in the Sheffield School and to other college graduates. It is planned to add a second year, consisting of courses leading to specialized pursuits, as soon as adequate funds are available.

A Type of Organization Fitted to Cornell Conditions

Your committee's recommendation of a professional school of semi-graduate standing rests partly upon what it believes are the general advantages of that type of organization. But it also believes that such a school would fit into the general scheme of organization of Cornell University better than any other type. From the beginning vocational education has been deemed an honorable and important part of the University's task, and the professional schools of the University have been a very large factor in its reputation and its achievements. To organize this new type of vocational education in the form of a professional school would be in harmony with the traditions and general policy of the University.

None of the present professional colleges of the University, except the Medical College, are of graduate standing. This might seem at first thought to be a reason for also placing a professional college of business administration on an undergraduate basis. But the fact that most of the colleges of the University are undergraduate colleges is believed by the committee to point definitely toward the desirability of putting training for business pursuits on a semi-graduate basis. It is not desirable that the proposed College of Business Administration should be in any large measure a competitor of the other colleges; that the student should be compelled to choose

between it and the College of Arts, the Colleges of Engineering, the College of Law, or the College of Agriculture.

Business activities are now so interwoven with the practice of other professions that a university training in business should be so organized that the student should not be limited to a choice between a business training and some other sort of training, but should be able to supplement his training for a particular profession by a training for business pursuits. The practice of law, for example, involves a close contact with the business world and demands a knowledge of the ways of handling business affairs. An increasing number of problems set for the engineer to solve are essentially business problems, needing for their solution a knowledge of economic and financial principles. The successful engineer is often a successful business man. Farming is both a technical calling and a business activity. The importance of the business aspect of agriculture is recognized in the work of the federal Department of Agriculture and in a number of agricultural colleges, including Cornell's. The committee believes, furthermore, that the curriculum of a professional college constitutes quite as efficient a preparation for the work of a college of business administration as does the curriculum of the College of Arts and Sciences. * * *

The details of the ways in which the work of the College of Business Administration would be combined with that of the other colleges would be matters to be determined by the faculties of the College of Business Administration and of the other colleges concerned. The College of Arts and Sciences, it is assumed, would permit students to substitute the first year's work in the College of Business Administration for its own fourth-year work, following the present plan of co-operation with the Medical College. The bachelor's degree would accordingly be conferred upon such students upon the completion of their first year's work in the College of Business Administration, and the special master's degree allotted to that college would be conferred upon the completion of the second year's work. Similar arrangement might be effected with other colleges of the University, or special combined courses of four and five years in length might be arranged. * * *

General Nature of the Curriculum

The first year might be devoted to foundation courses in the principal fields of instruction, including such subjects as

(Continued on Page 228.)

Irvine is Renominated Named to Be a Public Service Commissioner for Five Years

Professor Frank Irvine, the dean of the law school, has been nominated by Governor Whitman to succeed himself as one of the Public Service Commissioners for the second district of the state. The nomination was received by the Senate on Monday night of this week.

The confirmation by the Senate of Dean Irvine's nomination will be followed by his resignation of the deanship and his professorship of law. The term of office of the Public Service Commissioners is five years and the annual salary of each commissioner is \$15,000. Judge Irvine's appointment dates from February 1, 1916. He was appointed in March, 1914, by Governor Glynn, to fill a vacancy.

At the time of the original appointment the Trustees of the University gave Judge Irvine a sabbatic leave of absence. Professor Woodruff was appointed acting dean of the college and an extra teacher was provided. Professor Irvine has been able to meet one class every Saturday without interfering with his public duties, since he has retained his residence in Ithaca.

The renomination of Commissioner Irvine, a Democrat, by Governor Whitman, a Republican, is regarded by his friends as a deserved recognition of the competence he has shown for the work of the Public Service Commission.

Teachers for the Summer Session Some Distinguished Instructors to Come from Outside Ithaca

Teachers for the 1916 Summer Session of the University were appointed by the Trustees last Saturday. Ninety-seven appointments were made. These do not include the faculty of the summer school of agriculture, which is not yet named.

Of the persons appointed seventy-three are members of the regular teaching staff of the University and twenty-four have been invited from outside for the Summer Session. Of the Cornell teachers, forty-one are of professorial grade. This is above the average for recent years and shows that an effort is made to meet the recommendation of the Trustees, when establishing the Summer Session, "that the instructing staff be chosen as far as possible from the higher grades of teachers in the University."

Among the teachers who are coming from outside is Dr. James Sullivan, a distinguished scholar in the field of his-

tory. For several years he has been principal of the Boys' High School of Brooklyn, whose pupils have for years taken more of the Cornell University scholarships than the pupils of any other school. Dr. Sullivan has recently been elected State Historian. Another is Mr. Arthur L. Janes, head of the Latin department of a New York City high school. Mr. J. B. E. Jonas, head of the department of German of the DeWitt Clinton High School, New York, will be a teacher of German. Most of the others from outside have been here in previous years in which their work has been successful.

The faculty of the department of music during the Summer Session will include Mr. Ernest R. Kroeger, a distinguished American composer and a fine pianist, lecturer and teacher. He composed the "Lalla Rookh Suite" for orchestra which has been played here at one or two of the Festivals. Another of the music faculty from outside Ithaca will be Mrs. Helen Allen Hunt, a successful voice teacher of Boston.

The standard of instruction in the modern languages will be maintained. There will be a German house and tables in the residence halls at which German will be spoken, as in former years. One of the teachers of Spanish will be Mr. Guillermo Rivera, an instructor in Spanish at Harvard.

BANQUET AT SYRACUSE

More than a hundred men attended the annual banquet of the Cornell Club of Central New York in Syracuse on Saturday, January 29. Judge Frank H. Hiscock '75 presided and introduced President Schurman, who was the guest of honor. The President spoke about the spirit of the University and of the increasing interest which its alumni are taking in its welfare. After the speaking several reels of Cornell movies were shown.

AT MASSENA, N. Y.

Several Cornell men are employed in the works of the Aluminum Company of America at Massena, N. Y. Among them are R. C. Folger '08, in charge of repairs and maintenance; L. O. Vesper '03, electrical superintendent; and C. S. Thayer '13, in the electrical department. In the research department are W. T. Little '12 (B.Chem. '13) and C. L. Dunham '12 (B.Chem. '14).

THE DATE OF THE JUNIOR BALL is Friday, February 11. The second term will begin on February 14.

Memorial to J. A. Holmes '81 National Organizations Planning to Honor His Memory Permanently

A permanent memorial of the work of the late Dr. Joseph Austin Holmes, B.Agr. '81, is contemplated. It will be designed to perpetuate the memory of his unselfish labors for the founding and upbuilding of the U. S. Bureau of Mines and what he accomplished in methods and appliances for safeguarding the lives of miners. Dr. Holmes invented the phrase "safety first" and adopted it as the slogan of the Bureau of Mines. He died in Colorado last summer.

We learn from *Science* that a meeting was held in the Bureau of Mines, Washington, on January 15, to consider a memorial to Dr. Holmes. These organizations were represented: The American Institute of Mining Engineers, the American Mining Congress, the American Federation of Labor, the United Mine Workers of America, the Mining and Metallurgical Society, the American Society of Mechanical Engineers, the American Institute of Electrical Engineers, the American Electro-Chemical Society, the National Safety Council, the American Association for the Advancement of Science (by Dr. L. O. Howard '77), the American Chemical Society, the Geological Society of America, the National Academy of Sciences (by Dr. David White '86), the American Red Cross Society, and the American Forestry Association.

After an extended discussion it was found to be the sense of the meeting that a suitable memorial should be established to "honor the memory of the distinguished humanitarian and scientist," Dr. Holmes. It was resolved that each national body or society there represented, and others, be requested to approve a permanent organization to be named "the Joseph A. Holmes Safety First Association." A meeting for permanent organization is to be held at the same place on March 4, and afterwards a canvass will be made for funds. The temporary organization commends to the permanent organization the annual award of one or more medals which, together with honorariums, shall be termed The Holmes Award for the encouragement of those originating, developing and installing the most efficient "safety first" devices, appliances or methods in the mineral industry and also special medals for the recognition of personal heroism or distinguished service in the mineral industry.



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THE "evils of college sport" are getting a lot of assailing in some of the newspapers this winter. Some writers can make a column or so of copy every week without being very specific about what the evils are. Very rarely is a college or university mentioned by name. Unthinking readers must get a notion that college sport of all sorts everywhere is in a bad way morally. A favorite idea of the newspaper writer is that reform is to be brought about by all the colleges getting together in a convention and adopting new rules. "Uniformity in the control of sport" seems to be regarded as something desirable. That is a phrase which the New York Times used last Sunday in an article headed "Assail Evil in College Sport." Here is a paragraph from the article:

"Faculty control, which its advocates believe will furnish the solution of the present problem and the salvation of intercollegiate competition, is based on the idea of having all of the college activities in sports amenable to the Faculty of the college, which, if carried into effect, will undoubtedly mean that

the college President will become the ruling factor in intercollegiate competitions of the future. The coaches of the teams will become members of the Faculty through the department of physical education, and in this way the President will become the real power."

No doubt the "evils of college sport" would be cured at once by a system under which the college presidents would be the "real powers" controlling athletics! No doubt the presidents would be able to agree on definitions of all evils and to think of ways of curing them and keeping them cured! As a matter of fact, a good many universities, including Cornell, have now a large degree of faculty control in athletic matters. In none of them, so far as we have ever heard, has the president become the real power. Some institutions might be named where the president has a good deal to say about athletic policies and the faculty nothing.

The Times article was written around a report of a recent meeting of the Association of Colleges of New York State, held in Albany. Delegates from some of the smaller colleges are reported to have made a general assault on college athletics and a committee was authorized to investigate and report at the next meeting. The association meets once a year.

Intelligent discussion may be a means to a future agreement among the colleges on ethical standards of undergraduate sport, but loose denunciation is not going to elevate any standards.

OPINION AND COMMENT

A Counter-Protest

Editor, Cornell Alumni News:

I wish to protest against the CORNELL ALUMNI NEWS being used as the mouthpiece of a person who is attempting to scare this country into thinking that the munition makers can use a news paper as a mouthpiece, and who distorts "preparedness" into "militarism." I hereby subscribe five cents toward a fund to enable Mr. B. B. McGinnis, '05, to hire a hall.

K. L. ROBERTS '08.

Boston, February 5th.

FAIR VISITOR—What street is this?

Fond Suitor—Cayuga.

F. V.—And this?

F. S.—Tioga.

F. V.—And this?

F. S.—Aurora.

F. V.—Aw quit kidding.

—The Widow.

THE ASSOCIATE ALUMNI

Nominating Committee

Letters are going out from the office of the Alumni Recorder to all the local alumni associations, inviting suggestions as to nominees for next year's officers and Board of Directors of the Associate Alumni. In these letters the request is made that all such suggestions be sent to J. P. Harris, Cuyahoga Building, Cleveland, Ohio, the chairman of the committee on nominations, as soon as possible.

Notice of Forum

The second annual Forum of the Associate Alumni of Cornell University will be held on Friday, March 31, in Detroit, Michigan. Any questions which are to be submitted for discussion at the Forum should be sent as soon as possible to W. J. Dugan, 87 Erie County Bank Building, Buffalo, N. Y., the secretary of the association.

THE RIFLE TEAM

THE RIFLE TEAM has found itself in fast company. In the last two intercollegiate matches the teams representing Michigan Agricultural College, Washington State College, and Massachusetts Agricultural College have all made perfect scores of 1,000. The Cornell team's average, computed from the scores of five matches two of which scores are unofficial, is 993.4. Cornell's first three matches resulted as follows: Michigan Agricultural College, 998, Cornell 993; Cornell 987, University of Pennsylvania 980; Cornell 996, University of Vermont 973. The Cornell score (unofficial) in the fourth match was 994. In the fifth match, last week, the Cornell targets indicated 997 (unofficial), the best record yet made by the team. Two of the five men shot a perfect score of 200 and each of the other three scored 199.

FARMERS' WEEK

THE EVENTS of Farmers' Week at Cornell nowadays are too numerous to be listed within the limits of a single paragraph. Every department of the agricultural college has special lectures and demonstrations and several state organizations hold annual meetings at the college during the week. Among the new features provided for the annual meeting of the home-makers' conference is a singing school, to be conducted daily at the noon hour in Bailey Hall. One of the meetings of the week is that of officers and delegates from the Cornell study clubs, of which there are now a hundred and fifty in the state.

ALUMNI TRUSTEESHIPS

Mr. Mason Renominated

Nominating petitions with signatures in excess of two hundred have been filed in behalf of the re-election, as Alumni Trustee, of Herbert D. Mason '00, whose term of office, along with that of James H. Edwards '88, expires this year. The petitions filed urge Mr. Mason's re-election on the ground that he has been an independent and able representative of Alumni sentiment in the Board, that he has been especially diligent in attendance at meetings and in the full discharge of his duties despite distance, and on the ground that his re-election is desirable as a factor in continuing adequate representation of Cornell's diverse territorial and professional interests, rather than concentrating representation in any one community or profession. The filing of the petitions follows the action of the St. Louis and New England alumni associations in declaring for the re-election of both the present Trustees.

The nominators say in behalf of Mr. Mason's re-election:

"From the time of his election as Alumni Trustee in 1911, he has rendered to the University and to the Alumni an unremitting service that has been both competent and truly representative of the broader interests of the University. Although a resident of the Southwest, he has been absent from only three meetings of the Board of Trustees during nearly five years of membership. The range of his business and professional activities has brought him into frequent touch with many Cornellians throughout the West and South, as well as in the Alumni centers of the North and East, and he has been throughout an independent and thoughtful spokesman of Alumni sentiment in the Board. We feel that the University is fortunate in having those important sections of the country represented by a Trustee so regular in attendance and so active in Alumni affairs, and that considerations of University policy strongly advise his retention in the Board, to preserve representation of these broader Alumni interests. In many respects, information of which may later be placed before the Alumni, his activity and influence in the Board have been of great and lasting value to the University and its Alumni."

St. Louis Endorses Edwards

The Cornell Club of St. Louis on February 7 voted to endorse the renomination of Trustee James H. Edwards '88.

ALUMNI CALENDAR

Friday, February 11.

Binghamton.—Annual banquet of the Cornell Club of Binghamton, Friday evening, February 11, at 7 o'clock, at the Hotel Arlington.

Saturday, February 12.

Philadelphia.—February meeting of the Cornell Women's Club of Philadelphia, Saturday afternoon, February 12, at the home of Miss Edith F. Ballentine, Montrose Apartments, Forty-second Street and Baltimore Avenue, West Philadelphia.

Cleveland.—The annual banquet of the Cornell Club of Cleveland will be held at the University Club on Saturday, February 12, at 7 p. m. Akron, Canton, Toledo, Columbus, Erie, Detroit, and Pittsburgh Cornell men, as well as all those in nearby towns, are cordially invited. The chairman of the committee is Walter A. Bridgeman, 2280 Bellfield Avenue, Cleveland.

Saturday, February 19.

Buffalo.—The Cornell Alumni Association of Western New York will hold its annual banquet at the Hotel Statler on Saturday, February 19, at 7 p. m. The guests of the association at that time will be President Schurman, Justice Irving G. Hubbs '91, John F. Moakley, Captain Charles Barrett '16, and Manager S. E. Hunkin '16. Reservations by out-of-town Cornellians may be made with John L. Tiernon, jr., '95, president, 624 White Building, or with William J. Dugan, 504 Erie County Bank Building.

'94 DINNER

The men of the Class of 1894 residing in the metropolitan district will celebrate the twenty-fifth anniversary of their Freshman Dinner at the Cornell Club, 65 Park Avenue, on Wednesday evening, February 23. It is hoped that many '94 men not residing in New York City may find it possible to attend. All such should communicate with the class secretary, E. E. Bogart, 1125 Boston Road.

CLASS OF 1913

Reunion May 26 and 27. Notify the secretary if you have not received the Second Annual Letter. Let him have your change in address so that you will receive future information on the reunion. Funds are needed. Kindly send class tax promptly to George H. Rockwell, 136 Broadway, Cambridge, Mass.

Lacrosse.—The Lehigh lacrosse schedule includes a game with Cornell, at South Bethlehem on April 12.

CORNELL LUNCHEONS

The list below is published here for the guidance not only of members of the associations in the cities mentioned but also of Cornell men from other towns who may be able to attend any of the luncheons. The News wishes to keep it complete and accurate, and requests those in charge of the luncheons to inform the editor of any change that may be made in their arrangements.

Albany.—Every other Thursday, at the University Club.

Baltimore.—Every Monday, 12:30 to 1:30 o'clock, at the City Club, in the Munsey Building. A separate room is reserved regularly for Cornell men.

Binghamton.—Every Tuesday at 12:15 o'clock in the grill room of the Chamber of Commerce, on the twelfth floor of the Press Building.

Boston.—Every Thursday, 12:30 to 1:30 o'clock, at the Quincy House.

Buffalo.—Every Tuesday, 12:30 to 2 o'clock, at the Hotel Iroquois, Parlor G.

Chicago.—Every Thursday, 12:30 o'clock, at the Hotel Morrison, Floor B. Service table d'hôte, 30 cents and 50 cents.

Cleveland.—Every Thursday at 12 o'clock in the Beefsteak Room (downstairs), Hollenden Hotel.

Dayton.—Every other Saturday, 12:30 o'clock, at Rike-Kumler's.

Detroit.—Every Thursday, 12:15 o'clock, at the Hotel Statler.

Indianapolis.—Last Friday of each month during the fall, winter, and spring, at 12:15 o'clock, at the University Club.

New York.—Every Wednesday at the Machinery Club, 50 Church Street.

Philadelphia.—Luncheon every day, 12 to 2 p. m., at the rooms of the Cornell Club of Philadelphia, 1519 Sansom St.

Pittsburgh.—Every Friday between 12:15 and 1:30 p. m., at McCreery's, corner of Wood Street and Sixth Avenue.

Saint Louis.—Every Thursday, 12:30 o'clock, at Lippe's Restaurant, Eighth and Olive Streets.

Spokane.—Every Wednesday at the University Club.

Syracuse.—Every Thursday, between 11:30 and 12:30 o'clock, at Endres', 209 South Warren Street.

Washington, D. C.—Every Tuesday, 12:30 o'clock, at the University Club. Meeting place: Alumni Room.

PROFESSOR J. W. JENKS of New York University, formerly of Cornell, has gone to the Far East. He will spend some time in the Philippines and will visit Japan and China.

School of Commerce

(Continued from Page 224.)

the Principles of Accounting, Industrial Organization and Management, Problems of Market Distribution, the Resources and Trade of the United States and of certain other countries, Elements of Corporation Finance, Life Insurance, Investments, Banking and Foreign Exchange, Business Law (Contracts, Property).

In the second year there might be courses in such subjects as Railroad and Public Utility Accounting, Mercantile Accounting, Factory Cost Keeping, Problems of the Public Accountant and Auditor, advanced work in the organization and management of particular types of business undertakings and in Market Distribution, Property Insurance, Actuarial Mathematics, Foreign Trade Methods (with special reference to selected countries), the Consular Service, Railway Administration, Railway Traffic Problems, Railway Finance, Public Utility Finance, Business Law (Corporations, Insurance, Carriers and the Law of Public Service, Negotiable Paper, etc.).

This is, of course, only the mere outline of a curriculum which might be enriched and enlarged in many ways. A thorough knowledge of one or more foreign languages should, of course, be required of all students preparing to enter the consular service, or foreign trade, or other fields in which such knowledge is a valuable tool.

Advantages and Disadvantages of Situation

A College of Business Administration situated in Ithaca would be in a few respects at a slight disadvantage as compared with a similar college situated in a large city. But the advantages of the urban situation can easily be overestimated. For a school of the extension type, situation in a large city is, of course, indispensable. But this is merely because such a school must find its students among men employed in business pursuits. It has sometimes been suggested that the large city furnishes an ideal laboratory for research work on the part of advanced students in university schools of commerce. It has not yet appeared, however, that university schools of commerce situated in large cities have yet made much practical use of this opportunity. What research work they have done has been by methods which could have been utilized quite as efficiently elsewhere. The objection, in fact, is analogous to that which has often been made to the estab-

lishment of engineering schools in other than large cities. It does not appear that the highly successful colleges of engineering at Cornell have been handicapped in any way by being in Ithaca, and it is reasonable to assume that the proposed College of Business Administration would also be successful here. Some confusion of thought on this matter may spring from the fact that higher commercial education is frequently discussed as though it were education primarily for men intending to enter "big business," such as the banks, brokerage houses, and trading establishments of New York. There is, of course, a proper field for commercial education leading to such employments, but there is an even more important field for that kind of commercial education which will help toward the reorganization of the factories and stores and financial institutions of the smaller towns and cities of the country. It is here that the greatest wastes in the present system of making and distributing goods are found, and it is here that the burden of routine and tradition in business methods is likely to rest most heavily. A College of Business Administration sending into this field trained men filled with the necessary spirit of independent initiative and knowing how to calculate costs and reasonable business chances in a scientific manner would perform a real service not only to the men which it trained, but also to the communities in which they might live. There are highly successful schools of commerce at the University of Wisconsin and the University of Illinois which are so situated as to make them fairly comparable to Cornell in respect to the lack of urban advantages.

The Value of Higher Commercial Education

Your committee has not thought it necessary to argue the advantages of higher commercial education in general. In the last fifteen years enough experience has been accumulated to prove beyond any reasonable doubt the practical value of higher commercial education. The graduates of the courses in commerce in American universities who have gone into business employment have proved the benefits of their training. It is not so important that their initial salaries have been slightly higher than have been given to men of similar age in similar employments who have not had such training, as it is that the trained men have shown the capacity to rise and to earn increased salaries much more rapidly than the untrained men. The best test, however, is the general satis-

faction with the results of such work in the universities in which it has been developed, and the cordial support and co-operation which higher commercial education has won among intelligent business men.

It would not be the aim of a College of Business Administration to turn out men fully equipped to manage complex industrial undertakings. A certain amount of apprenticeship in the world of actual affairs is necessary. Higher commercial education cannot be substituted for practical business experience, but it can fit the young man entering business to get the most out of his experience. It can give him a general technique which will be useful in all business callings and it can in some degree equip him with the special technique of particular callings, and it can do these things more efficiently than they can be done in the long drudgery of years in subordinate positions in business establishments. The purpose of such education is not to turn out "captains of industry," nor yet to equip men for the permanent occupancy of subordinate clerical positions. It can give to its graduates a certain amount of personal capital in the way of knowledge of business methods and business problems of various sorts. The graduate himself is responsible for turning that personal capital to his own advantage.

Nor is it all a matter of training men to make a living. Social and national efficiency depends very largely upon the way in which the country's business is organized and directed. There are large opportunities for further economies in the fields of production and of market distribution and in the more perfect working of our financial systems, and it is highly proper that our universities through organized instruction and research in business methods should contribute to the elimination of economic wastes and the increase of the general efficiency of our economic life.

BEVERLY T. GALLOWAY

DEXTER S. KIMBALL

MARTIN W. SAMPSON

E. H. WOODRUFF

ALLYN A. YOUNG (Chairman)

Committee.

R. B. MILLER has been appointed instructor in fencing to succeed Mr. Gelas, who goes to West Point. Mr. Miller has been teaching fencing at Columbia University.

A LEAVE OF ABSENCE for the first term of 1916-17 has been granted to Assistant Professor W. M. Sawdon.

ATHLETICS

Track

One-Mile Relay Team Defeated by Harvard in a Fast Race

The Cornell one-mile relay team, composed of W. B. Shelton '18, F. H. Starr '16, J. S. Lewis '16, and Kenrick Kelly '17, was defeated by the Harvard team at the Boston Athletic Association games in Boston last Saturday night. The time, 3 minutes 6 1-5 seconds, was unusually fast. Cornell's quartet, running in 3 minutes 7 seconds, made the best time ever done by a Cornell relay team in Mechanics' Hall.

Kelly, running against Teschner, was set back two yards for a false start, and the Harvard runner maintained this advantage. Willcox of Harvard, whose record for the quarter is 48 2-5 seconds, finished his relay with a ten-yard lead over Lewis of Cornell. Starr made up half of that handicap in his race with Pennypacker. Shelton, in the last 440 yards, caught up with Bingham and ran abreast of him for several yards, but he could not hold the pace and Bingham finished about five yards to the good.

Starr took third place in the 40-yard high hurdles. He was beaten by Eller, of the Irish-American Athletic Club, and Leisenring, of Yale.

Richards of Cornell cleared 6 feet 1 inch in the high jump, but a handicap of 1 1-2 inches gave him second place to Pelletier, of St. John's Preparatory College.

D. S. Caldwell '14 took first place in the special Hunter mile.

The track squad is on the final stretch of preparation for the indoor season. Daily work on the board track is prescribed for the runners and hurdlers. The field men practice in the baseball cage. The schedule of indoor meets has not been completed, but it is practically sure that a Cornell team will go to the indoor meet of the I. C. A. A. A. in New York on March 4. The outdoor schedule includes the usual dual meets with Harvard and Pennsylvania. Harvard will come to Ithaca on May 6, and Cornell will go to Philadelphia a week later. The intercollegiate meet will be held on May 27 and 28, but the place has not yet been determined.

ENOUGH

"Cornell crew and track teams to be stronger than last season." For the Iuvamike, Ezra, have a heart. Sufficient is sufficient.—*El Paso Times*.



SKATING ON BEEBE LAKE

Beyond the lake is the chimney of the heating plant of the College of Agriculture. At the right of the picture is the toboggan slide.
Photograph by J. P. Troy

OBITUARY

Clifford E. Lipe '10

Clifford Ehle Lipe, a graduate of Sibley College of the class of 1910, died at Saranac Lake, N. Y., on February 7, after an illness of about a year. He had been at Saranac Lake since last June.

He was born in Syracuse, N. Y., on December 23, 1887, the only son of the late Charles E. Lipe, M.E. '73. He entered Cornell in 1906. He was a member of the Seal and Serpent fraternity.

After he graduated, Lipe spent a year in travel abroad and then returned to Syracuse, where he took control of the management of the Brown-Lipe Gear Company, a manufacturing enterprise which his father had established.

He was a member of the Cornell clubs of Syracuse and New York City, the American Society of Mechanical Engineers, and many social organizations.

OBITUARY NOTES

The Alumni Recorder has received information of the deaths of the following Cornellians:

Carlton E. Sanford, 1869-71, died September 2, 1915, at Potsdam, N. Y.

Elmer B. Ingalls, matriculated 1885, died March 10, 1914, at Fond du Lac, Wis.

Daniel J. A. O'Hearn, 1898-9, died May 4, 1912, at Lowell, Mass.

Emmett King Butts, D.V.M., '12, died December 19, 1915, at Atlanta, Georgia.

ALUMNI NOTES

'97, B.S.—Louis Agassiz Fuertes, of Ithaca, will give two lectures in Detroit next week. On Friday night, February 18, he will give an illustrated lecture before the Institute of Science on "The songs and calls of our common birds." On Saturday, February 19, he will speak before the Detroit Athletic Club on "A naturalist's travels in the northern Andes." It was hoped that a contemporaneous exhibition of Mr. Fuertes's paintings of birds might be held at the Detroit Art Museum, but unfortunately he had already arranged for an exhibition of his whole collection at the Arnot Art Gallery in Elmira. A recent number of *Bird-Lore* says: "The Smithsonian Institution has paid Mr. Fuertes a well-deserved compliment in asking permission to republish his series of 'Impressions of the voices of tropical birds' which appeared in *Bird-Lore* for 1914."

'00—C. Colton Daughaday is identified with the firm of Daughaday & Company, publisher, 608 South Dearborn Street, Chicago.

'04, C.E.—Haines Gridley is the manager of the Oro Fina Mining Company at East Auburn, Cal.

'04, A.B.—George H. Potter is with the Sprague Electric Works, 527 West Thirty-fourth Street, New York.

'06, C.E.—Edward A. Evans's address is 511 West 143d Street, New York. He is assistant superintendent with The

T. A. Gillespie Company on the Metropolitan Elevated improvements.

'08, M.E.; '09, M.M.E.—Sidney D. Gridley is sales engineer for the Electric Storage Battery Company of Philadelphia; he is especially interested in lighting and power plants for rural communities. His address is 5418 Walnut Street, Philadelphia.

'08, A.B.; '09, A.M.—Jerome Adrian Frank has a daughter, Phyllis, born September 12, 1915. He lives at 302 West Eighty-seventh Street, New York.

'08, M.E.—C. M. Husted is assistant superintendent of the Eagle works of the Standard Oil Company. His address is 502 Garfield Avenue, Jersey City, N. J.

'08—W. H. McCaully is with the Trussed Concrete Steel Company, 521 Peoples Gas Building, Chicago.

'09—At the annual exhibition of the Pennsylvania Academy of Fine Arts, which began on February 6 and will continue till March 26, in Philadelphia, Randall Davey is represented by a painting, "Portuguese Grandmother." This canvas has been shown at recent exhibitions in New York.

'10, M.E.—C. L. Follmer is the engineer of the Hooker Electrochemical Company, Niagara Falls, N. Y.

'10, B.S.A.—B. D. Gilbert is extension representative in charge of the Lackawanna County Farm Bureau at Clark's Summit, Pa.

'10, M.E.—William E. Kennedy's address is 336A Hancock Street, Brooklyn, N. Y. He is with the Clothel Company, Bayonne, N. J., a new refrigerating concern.

'10, M.E.—John A. Clark is a division engineer with the Hope Natural Gas Company. His address is 220 Meigs Avenue, Clarksburg, W. Va.

'10, M.E.—Percy James Taylor was married to Miss Margaret Murl Booth, daughter of Mrs. Anna Agal Booth, at Phillipsburg, Kansas, on November 20, 1915. Taylor is associated with "Bun" Gordon '01 in the Gordon-Taylor Construction Company, with offices in the Century Building, Denver, Col.

'11, C.E.—A son, Harry Nelson Lord, was born to Mr. and Mrs. Charles H. Lord at Ogdensburg, N. Y., on December 31, 1915.

'11, A.B.—Morton Freidenrich is with the Union Exchange National Bank, 160 Fifth Avenue, New York.

'11, M.E.—J. W. Gavett's address is 318 West Front Street, Plainfield, N. J.

He is with The Laidlaw Company, Inc., 126 West Forty-sixth Street, New York.

'12, M.E.—Nathan Baehr is with Westinghouse, Church, Kerr & Co., New York. He lives at 51 East Ninety-sixth Street.

'12, A.B.; '14, LL.B.—Remsen B. Ostrander has severed his connection with the office of Fowler, Vann & Paine of Syracuse and is now practicing law in the office of Earl J. Bennett, LL.B. '01, Rockville Centre, Long Island. Mr. Bennett was recently appointed Comptroller of Nassau County by Governor Whitman.

'12, C.E.—Abram L. Van Siclen is an engineer with the New York Public Service Commission, seventh division, Woolworth Building, New York City.

'12, M.E.—George B. Filbert is now in the New York office of the Diehl Mfg. Co., 90 Prince Street, New York City.

'12, B.Arch.—Donald C. Kerr is a field engineer for Westinghouse, Church, Kerr & Co., and is at present building a by-product coke plant in Canal Dover, Ohio. His address is 7 Vine Street, New Brighton, Staten Island, New York.

'12, M.E.—D. C. Miller's address is 949 West Eighth Street, Erie, Pa. He is safety engineer for the Ocean Accident & Guarantee Corporation and is a partner in the local agency.

'12, C.E.—James E. Cuff is in the employment of the Chile Exploration Company of New York and for the last two months he has been at the company's property at Chuquicamata, Chile. His address is in care of the company at that place.

'12, C.E.—J. Howard Miller is with the Turner Construction Company, 11 Broadway, New York.

'13, B.S.; '14, M.S.A.—C. E. Dimon is in partnership with his father on a large truck and dairy farm at Southampton, L. I.

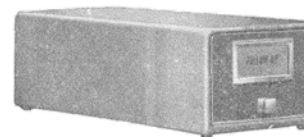
'13, M.E.—R. M. Gilbert is assistant superintendent of the Deyo Macey Engine Company, Binghamton, N. Y.

'13, M.E.—A. W. Deyo is mechanical engineer of the Larrabee-Deyo Motor Truck Company, of Binghamton, N. Y., a newly formed corporation which will build trucks.

'13, M.E.—Stanley J. Chute is inspector at the Grand Central Terminal service plant, 112 East Fiftieth Street, New York.

'13, LL.B.—A son was born to Mr. and Mrs. Walter B. Herendeen, of Elmira, N. Y., on January 22.

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'13, C.E.—W. H. Barnard, jr., is with the Du Pont Company in Wilmington, Del., and is living at 406 West Twenty-second Street.

'13, M.E.—Ernest J. J. Kluge is the manager of the Maine division, Workmen's Compensation Service Bureau, 542 Masonic Building, Portland, Maine.

'13, M.E.—Newman Comfort is the manager of the Nebraska division of the Universal Inspection Company of Iowa, 445 Brandeis Building, Omaha.

'13, LL.B.; '15, A.B.—F. B. Lathrop is an attorney in the Jamaica office of the Title Guarantee & Trust Company. He lives at 15 Glenada Place, Brooklyn, N. Y.

'13, M.E.—H. W. Arnold is with Wanen Bros. Co., paving contractors, 142 Berkeley Street, Boston, Mass., and is employed as their cashier at 16 East Broadway, Tucson, Arizona.

'13, D.V.M.—Archibald Freer is practicing at Ellenville, N. Y.

'14, M.E.—J. G. Callahan is with the Universal Inspection Company of Iowa at 612 Canal Bank Building, New Orleans, La.

'14, M.S.A.—M. V. Barnes is the principal of the high school at Bethlehem, N. H.

'14, A.B.; '15, B.Chem.—W. S. Burnham's address is 1756 Missouri Avenue, St. Louis, Mo. He is with the Monsanto Chemical Works as analytical chemist.

'14, C.E.—F. W. Conant is engineer of the Union Sugar Company at Beteravia, Cal.

'14, M.E.—Fletcher E. Royston was married to Miss Marion Mahaffey on September 2, 1915. He is connected with the firm of F. E. Royston & Co., wholesale grocers, of which his father is the manager, at Aurora, Ill.

'14, M.E.—C. W. Smith's address is Box 324, Miami, Gila County, Arizona. He is with the Inspiration Consolidated Copper Company.

'15, M.E.—A. M. Beebee is in the engineering department of the German-American Button Company; address, 327 Meigs Street, Rochester, N. Y.

'15, A.B.—Arthur R. Blessing is a student in the New York State Library School, Education Building, Albany, N. Y.

'15, M.E.—Eugene W. Cornwell's address is 236 Water Street, Northumberland, Pa. He is with the Keystone Forging Company.

'15, M.E.—Thomas R. Craig is manager of George Craig & Sons sawmills, Winterburn, W. Va.

'15, M.E.—Secor Cunningham, jr., is employed by the Commonwealth Edison Company and lives at 950 Lake Shore Drive, Chicago.

'15, C.E.—Robert L. Glose is employed by the Association of American Portland Cement Manufacturers at the Philadelphia headquarters. His address is Wissahickon Avenue, Germantown.

'15, A.B.—E. M. Hanrahan, jr., and W. F. Rienhoff, jr., are students in the Johns Hopkins Medical School. They both live at the Rochambeau Apartments, Charles and Franklin Streets, Baltimore.

'15, M.E.—Edward A. Hill's address is 593 Madison Avenue, York, Pa.

'15, M.E.—F. G. Hummel is working for the Babcock & Wilcox Boiler Company. His address is 137 Broadway, Bayonne, N. J.

'15, A.B.—Edward C. Leib is with A. K. Hammond, 366 Fifth Avenue, the New York office of the Clover Leaf Dailies. He lives at 666 Oakland Place, New York City.

'15, M.E.—The address of Carl A. Philippi is 433 Ross Avenue, Wilkesburg, Pa.

'15, M.E.—F. J. Robbins is with the Atlas Portland Cement Company at Hannibal, Mo.

'15, B.S.—C. T. Houck and W. L. Houck are managing their farm, under their father's supervision, at Black Creek, Ontario, Canada.

JUNIOR WEEK

**Lackawanna
Railroad**

Lackawanna Limited: Through parlor cars, Lv. New York 10:00 a. m., Ar. Ithaca 5:20 p. m., **February 8th.**

Cornell Special: Lv. Ithaca 12:00 noon, Ar. Hoboken 7:05 p. m. Through parlor cars, dining car, and coach, **February 13th.**

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'15, M.E.—Roland A. Bush is with the Strathmore Paper Company in Wornoco, Mass., as assistant superintendent of No. 1 Mill. His address is 115 Bartlett Avenue, Pittsfield, Mass.

'15, M.E.—P. N. Darrington's address is 2815 St. Paul Street, Baltimore. He is employed in the metallurgical laboratory of the Shawinigan Electro-Products Company.

'15, A.B.—F. L. Dimmick is doing graduate work in psychology. He lives at 710 East State Street, Ithaca.

'15, D.V.M.—J. H. Moore is in the U. S. bureau of animal industry and lives at 4465 Oakenwald Avenue, Chicago. John Burns, D.V.M. '08, and J. V. Lyon, D.V.M. '14 are also in that bureau at Chicago.

'15, B.S.—C. H. Reader lives at 238 Fort Washington Avenue, New York. He is a research assistant in the department of health of the City of New York. He has joined the National Guard and is a member of the 22d Regiment, engineers.

'15, A.B.—Kenneth H. Kolpien is with The Fred M. Randall Company, general advertising, Ford Building, Detroit.

'15, LL.B.—J. David McCredie is an attorney-at-law in Aurora, Ill.

NEW ADDRESSES

'80—W. A. Rumpf, 27 Bolshoi Prospect, W. O., Petrograd, Russia.

'96—Walter Goll, Fort Wayne Electric Works, Fort Wayne, Indiana.

'00—A. E. Bump, 39 Melville Avenue, Dorchester, Mass.

'03,—H. P. Atherton, 514 Yarmouth Street, Norfolk, Va.

'06—William H. Gallagher, jr., Wolverine Mining Company, Kearsarge, Mich.

'08—G. P. Jackson, 910 Franklin Avenue, Wilkesburg, Pa.

'12—George B. Filbert, Room 916, 149 Broadway, New York.

'14—James Lyons, Y. M. C. A., Los Angeles, Cal.—D. Burt Smith, Route 11, Dunkirk, N. Y.—John A. F. Wendt, 955 Park Avenue, New York.

'15—Earl R. Ryder, 142 Dorchester Road, Buffalo, N. Y.—W. F. Munnikhuysen, Y. M. C. A., Canton, Ohio.—James M. Frayer, Lyndonville, Vermont.

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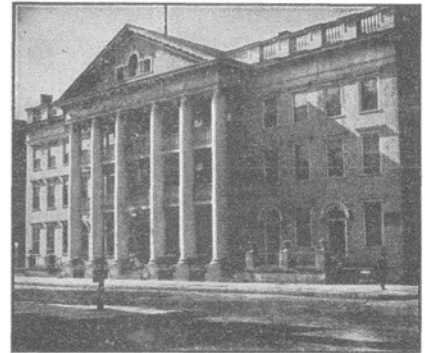


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