

## UNVEIL LIKENESS OF FIRST WOMAN GRADUATE TODAY

Ellen H. Richards '73 Was Wife  
of Professor Emeritus  
Richards '68

TAUGHT FOR 30 YEARS

Bas-relief by Miss Bashka Paeff  
is to be Unveiled by  
Prof. Richards

A bas-relief of Mrs. Ellen H. Richards '73, the first woman to be graduated from Technology, and a member of the instructing staff for more than thirty years, will be unveiled at Technology this afternoon.

Mrs. Richards, who died in 1911, was the wife of Professor Emeritus Robert H. Richards '68, formerly head of the Department of Mining and Metallurgy, who will unveil the bas-relief, the work of Miss Bashka Paeff. Mrs. Richards was graduated from Vassar in 1870 and from Technology in 1873.

The work which brought her fame throughout the world as an authority on sanitary chemistry was outstanding in its contribution to knowledge of household economics in which she was a pioneer. Her studies in food chemistry and public health attracted wide attention, and she carried out an extensive survey of the water supply of the state.

### Is Gift Of Alumni

This memorial will be unveiled at exercises to be held in Room 10-250 at 4 o'clock this afternoon in the presence of many of Mrs. Richards' colleagues and former students. The bas-relief is a gift to Technology from Alumni. Francis Stern '16 is chairman of the Alumni Committee, which includes among its members Everett Morss '85, Professor Augustus H. Gill '84, Gretchen A. Palmer '18, Professor Samuel C. Prescott.

(Continued on Page 4)

## December Review Is On Sale Today

Travel Story by Acting Dean  
Harold E. Lobdell is  
One Feature

In the fiftieth issue of the "Technology Review" since the editorship was taken over by Acting Dean Harold E. Lobdell '17, Professor Edwin B. Wilson, who was for five years the head of the Department of Physics at the Institute, presents a discussion of his experiences since that time.

He says that the methods of teaching these sciences in the colleges of the United States is decidedly deficient, in that the general principles are neglected in the rush to teach specific detail. Most colleges, in his opinion, do not devote enough time to their Science courses, and neglect to sum up the general principles. Physics courses should be distributed over the whole four years, and the instructors should try to show to the students the fascinating side of Physics, the marvelous correlation of physical phenomena. He relates the two sciences, physics and medicine, and shows the need for medical instructors' complete knowledge of physics.

### Tells of California Trip

"Gravel and Gumbo" is the log of Acting Dean Lobdell's auto trip to California, which he took with his mother this past summer. Expense accounts and a diary of the trip were accurately kept, and the whole story, besides its general interest, furnishes a number of helpful pointers to the uninitiate in long distance touring. Accompanying the article are many photographs of the journey.

Relating the purposes of a modern college infirmary to the new Homberg Memorial at the Institute, Dr. Haven Emerson of Columbia University gives an account of the dedication of this new addition to Technology. Dr. Emerson was the chief speaker at the dedication, and his article, "Why an Infirmary," contains the salient points in his speech.

## Prominent Speakers Who Addressed Students Last Week at Technology



Clarence Darrow



Georges Claude

## Dr. Tryon Visits Many Colleges In Southern States

Desire to Establish a Closer  
Relation with Schools  
Prompts Action

With the intention of showing some of the Southern schools and colleges the many opportunities offered at Technology and aiding those of their students who plan to attend the Institute, Professor James L. Tryon, Chairman of the Board of Admissions, is making a tour in the south. Professor Tryon left Boston November 10 and expects to be back December 15.

President Samuel W. Stratton in a letter to the universities which our "good-will ambassador" is visiting said: "It is the desire of the Massachusetts Institute of Technology to come into closer relations with the colleges and universities from which it receives students by transfer of for post-graduate work. It hopes to facilitate their admission by furnishing them with information and advice in regard to their choice of subjects to be offered for credit, to help them in planning to make up deficiencies, if they have any, by taking summer work, and in general to enable them to carry out their post-graduate program with the least possible expense and delay."

It is with this idea in mind that Professor Tryon is visiting these colleges. His itinerary includes thirteen schools in Virginia, three in North Carolina, three in South Carolina, four in Georgia, and four in Tennessee.

## CORPORATION XV TO HEAR E. C. JOHNSON

Members Can Check Investment  
Holdings at Meeting

Corporation XV will hold its monthly meeting on Wednesday in the Grill Room in Walker at 6 o'clock. Dinner will be served and the program will conclude promptly at 7:45 o'clock. There will be a few announcements after dinner followed by the main event of the evening, a talk by Mr. Edward C. Johnson.

The business men will be addressed on "Twenty-five Years of Experience in Business" by Mr. Edward C. Johnson, president of the H. A. Johnson Company of Boston. Corporation XV guarantees everyone of its members an unusually interesting time at the meeting Wednesday, for it was the opinion of many that the last time he spoke was the best of all their meetings. Mr. E. C. Johnson is a past president of the Chamber of Commerce and is one of the most prominent business engineers in the country.

Members are asked to mail in the cards which they were sent or reserve their places by calling at Room 1-180 immediately. The investment holdings of the members will be complete in the record book and the members can check up on their holdings and discover the profits and losses they have experienced in the past.

## FLYING CLUB WILL COMPLETE REPAIRS

Final Arrival of New Wires  
Starts Continuation of  
Work on Plane

After a delay of over two weeks the new set of wires for the Flying Club plane has arrived and they will be installed as soon as possible. The work of repairing and overhauling the plane has been completed and as soon as the wires are installed it will be ready for use by the members of the Club.

For several weeks the student members of the Flying Club have been working on the plane in order to get it ready for flying. Within the next week or so the members will start in on the ground school training which includes several lectures by various aviation experts on the rudiments of flying.

At this time there are four licensed pilots belonging to the Club. These men will act as instructors to the new men and teach them how to fly. By belonging to the Club the student is able to rent the Club plane at half the price which he would have to pay for hiring a commercial plane and also has the advantage of getting free instruction, which eliminates a great deal of expense.

Last week the regular meeting of the Flying Club was postponed but this week's meeting will be held as usual in Room 118 of the Aeronautical Building at 5 o'clock. At this time all those students who wish to join the Club as associate members will have an opportunity to do so.

## TAU BETA PI BIDS THIRTEEN NEW MEN

Thirteen men chosen from the Senior and Junior Classes were selected to be bid by Tau Beta Pi at the meeting of the Technology chapter of the national engineering honorary scholastic fraternity which was held last Tuesday.

The following ten Seniors, who are the last men in the Class of '29 to be elected to the fraternity, were chosen from the upper fourth of the class and are as follows: Archibald W. Adkins, Theodore B. Appel, Jr., Henry B. Gibbons, Ralph Vezin, Almer F. Moore, Levon Seron, Fred O. Urban, George J. Meyers, Jr., William H. Jones, Raymond G. Bray.

The three men in the Class of '30 to be elected to the society are: John F. Bennett, Philetus H. Holt, D. Tullis Houston.

## PHOS ANNOUNCES HIS CHRISTMAS NUMBER

Phosphorous brings us the glad announcement that the Voo Doo will appear within the short space of three days bedecked in the spirit of Yuletide. Next Thursday is the date set for the third appearance of Technology's comic this year.

Ben Smith '30 is responsible for the colorful cover and the issue will feature full page drawings by Louis H. Mollenkoph '29 and Wayne A. Soverns '30.

## ARTHUR WHITING BEGINS SERIES OF CONCERTS IN ROOM 10-250 TOMORROW

Final Tech Show  
Trials Will Be  
Held Next Week

Need Acting Talent for Several  
Skits—First Rehearsal  
Next Wednesday

Final cast tryouts for places in Tech Show '29 will be held at 7:30 o'clock tomorrow evening in the Show office in Walker, and every student who can do any kind of acting is requested to report there at this time to Coach William C. Green of the Technology English Department. The first rehearsal will be held Wednesday at the same hour in North Hall, Walker.

With the material for the Show nearly complete, it now remains to obtain suitable characters to fill the large number of parts. While the number of men who took part in the cast tryouts last Tuesday was great enough to get some actors lined up, it was hardly sufficient to fill the roll of active parts that the Show will require this year.

**Chorus Try-Out Wednesday**  
Following the cast trials on Tuesday there will be chorus tryouts Wednesday night in North Hall, with Langdon Matthews, dancing coach, in charge. All former "ponies" and all new men who are interested are requested to be present on this occasion. The meeting will start at 7:30 o'clock and will finish when all men have been put through a few standard and new steps.

Due to the fact that this year's Show is to consist of a large number of short skits instead of being in the form of a musical comedy, the number of characters needed is far in excess of that of any former production. The Show is in need of acting talent to fill the numerous parts, and all undergraduates with ability in this line are requested to make their talents known to the management.

Freshmen and Sophomores wishing to become connected with the Show in a managing capacity may make use of the opportunity offered by several vacancies in the Music Department of the organization, leading to the position of Orchestra Manager in their Junior year. Those interested should see Willis Fleisher '31 in the Tech Show office, Walker, any afternoon after 5 o'clock.

## 22 MEMBERS ELECTED BY QUADRANGLE CLUB

Sophomore Vacancies Filled by  
Genrich and Roddy

Elections of new members to the Quadrangle Club were made at the second meeting of the year last Tuesday night. At that time two Sophomores and twenty freshmen were chosen as members of the Club. The next meeting of the Club will be held on December 11th at which time final plans will be made for a banquet to be held a week later.

Due to the fact that two of the Sophomore members of the Club did not return to school this fall their vacancies were filled by J. Harold Genrich, '31, and Gilbert M. Roddy, '31. The members of the freshman class who were elected to the Club are: Joseph B. Paul; John M. Kimble; Thomas B. Rhines; Robert B. Semple; Richard M. Stewart; Thomas E. Sears, Jr.; Edward M. Rickard; Otway W. Rash, Jr.; Avery Bates; Addison S. Ellis; William F. Spreen; Francis O. Merchant; John Lawrence; Peter P. Shelby; Thomas K. Fitzpatrick; Thomas S. Varoy; Robert D. Butler; Francis S. Chambers, Jr.; Robert G. Henry, Jr.; and Herbert F. Ross.

## LEADING MUSICAL INTERPRETER WILL EXPLAIN NUMBERS

Corporation Arranges Fourth  
Series of Concerts by  
Noted Musician

### STUDENT BODY INVITED

Mr. Arthur Whiting, one of the leading interpreters of modern music, will present a recital from the works of various music masters to the members of the Corporation, the Faculty, their families and the students of Technology in Room 10-250 tomorrow night at 8:15 o'clock. He will be assisted by two accompanying artists in presenting this program which will be the first of this year's series of Whiting Concerts.

Cooperating with the Corporation of the Institute, Mr. Whiting has already presented three series of three recitals each during the past three years. The programs of these were so designed as to illustrate certain phases and trends of musical thought, and its development since the earliest period.

### Will Explain Each Number

In his introduction at the first concert tomorrow evening Mr. Whiting will give a brief informal talk on the appreciation of music after which he will start the musical program. Then preceding each selection he will give an analysis of it, explaining the theme involved. During his program Mr. Whiting will play the

(Continued on Page 4)

## A.I.E.E. To Hear Charles L. Edgar

Will Talk on "Opportunities for  
Graduates in a Public  
Utility Company"

Mr. Charles L. Edgar, President of the Edison Electric Illuminating Company of Boston, will address the students interested in electrical engineering on Friday, December 7. The subject of the address is "The Opportunities for Engineering Graduates in a Public Utility Company."

The Boston Edison Company is notable among the public utility companies supplying electricity for light and power. Last year it was awarded the Charles A. Coffin Medal, "In recognition of its distinguished contribution to the development of electric light and power for the convenience of the public and the benefit of the industry." As head of this organization, recognized among the foremost in the country, President Edgar is eminently qualified to place before the undergraduates those ideals and policies held by the up-to-date progressive public utility companies.

This meeting is the last of the series held under the auspices of the M. I. T. Branch of the American Institute of Electrical Engineers, for the purpose of acquainting the students of electrical engineering, especially freshmen and Sophomores, with the conditions and opportunities existing in the various branches of the electrical engineering industry. Supper will be served at 6 o'clock in the Faculty dining room in Walker Memorial, followed immediately by President Edgar's address and moving pictures, showing the more prominent activities of a public utility company. The meeting will be over by 8 o'clock.

While these meetings are especially for undergraduates, everyone interested in this branch of engineering is cordially invited to both the supper and the meeting. Admission is by ticket, for which there is no charge, and which may be obtained in Room 1-205.