

ENDOWMENT FUND DRIVE NOW WELL UNDER WAY

Mass Meetings Are Being Held
Throughout This Week for
Organization of Each of the
Four Classes

ONLY SIX WEEKS REMAIN

At the beginning of last week, an endowment fund campaign was organized among the students of Technology for the purpose of swelling the Endowment fund. The student campaign is to be carried out under a separate committee, which, however, will work in conjunction with the Alumni Committees. There will be mass meetings held this week by the four classes so they may organize their forces under the various chairmen who have already been appointed. It is very important that these meetings should be largely attended, as much depends upon it.

At the meetings the campaign plans will be discussed and the chairmen will appoint their aids. The amount is too large and the time far too short, for any indifference or lost motion. Personal solicitors have been chosen and every man will be canvassed for a subscription. The time is so short that every person who has money and might give, is being solicited.

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VISIT STEEL WORKS

Through Plant of American
Steel and Wire Company

The students in Iron and Steel, and Professor Hayward spent Friday, November 14, at the South Works of the American Steel and Wire Company in Worcester. They were conducted through the plant by guides furnished by the company. As this trip is required in the course it was well attended.

The party left the South Station on the 9.15 train and arrived at the plant at 11.00 o'clock. The time before lunch was taken in visiting the stock yard, where the piles of iron were viewed, together with the various methods of handling them. The party returned from lunch in time to see the tapping of one of the open-hearth furnaces and the casting of the steel into ingot molds. The plant is equipped with several 60-ton tilting open-hearth furnaces and several 25-ton stationary furnaces. The group witnessed the charging of the furnace, the repairing of furnace bottoms, and other routine work about the plant.

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MECHANICAL ENGINEERS WILL HOLD A SMOKER IN WALKER

Dickson and Mr. Stevens Will
Give Talk to Society

The Mechanical Engineering Society will hold a meeting this Friday evening in the Walker Memorial. This will be in the form of a smoker, and the chief guests will be lectures by General Dickson, commander of the Watertown Arsenal, and Mr. Charles Stevens, secretary of this section of the Mechanical Engineering Society. Refreshments will be served during the course of the evening.

The smoker will be preceded by a meeting of the society this afternoon. The members will gather in Smith Hall, room 10-250, at 5.00 o'clock, where Mr. Feeley will speak to them. The subject of Mr. Feeley's lecture will be "The Student Engineer in Prevention of Accidents." After the adjournment of this meeting the men will go to the Walker for the smoker.

SOPHOMORE MILITARY SCIENCE DRAWS TWO GOOD ATTENDANCES

Government Films Exhibited on Tuesday and Last Night

The Military Science movies shown first last Tuesday were repeated last night. The films, taken mostly at Fort Monroe, formed part of the Sophomore course in artillery work. Large audiences attended both showings of the pictures.

Guns in action in both this country and Europe, comprised the main subject of these films. Pictures of the planting of mine fields for harbor protection were also shown, along with diagrams showing the theory of the work. Base end stations, plotting rooms, and range finding apparatus also came in for their share of attention.

The action of howitzers was illustrated at length, as were also the operations of disappearing guns and field pieces. Scenes of French gunners working under the conditions of a gas attack, and views of armored trains operating against the Bulgars were also shown.

Sophomores who did not attend one of these lectures will receive a mark of "D" for the course.

MINERS HEAR ALUMNUS

A record breaking turnout of the Mining Engineering Society Wednesday evening heard a lecture on glass blowing by Dr. Robert H. Richards, famous expert on ore-dressing, and a great exponent of the art of the glass blower. Dr. Richards graduated from the Institute in '68.

After a few introductory remarks on the operations he was about to perform Dr. Richards proceeded to fashion one curious object after another from glass tubes, with the aid of a blast flame, explaining as he did so the technique of manipulation of the fragile material. He diagrammed on the board the Richards Jet Pump, designed to produce a vacuum by means of a stream of water from an ordinary hydrant. Dr. Richards is the inventor of this instrument.

At the conclusion of the lecture, a miniature lottery was held, by means of which the pieces of apparatus which the lecturer had constructed were given out to the audience, four such souvenirs going to the holders of lucky numbers.

On the afternoon of Tuesday, December 2, the society will make a trip to the New England Coal and Cokes Company at Everett. November 26 was announced as the final date for entering nominations for the offices of secretary and publicity manager. Elections are to be held the week of Dec. 1.

THE TECH SEEKS 'MR. SMITH'

Wall Street, Pittsburgh Steel Mills, Shipyards and
Detroit Motor Plants Are Combed to
Find Institute's Benefactor

SEARCH OF DAILIES PROVES UNSUCCESSFUL

THE TECH, like Diogenes seeking an honest man, is looking for the donor of Technology's millions. Not to be outdone by the Boston and New York dailies, THE TECH is conducting a search of its own, but lest the hunt seem too exclusive, this publication is asking the aid of the undergraduates in solving the mystery of who gave the Institute seven million dollars. Realizing that the student body cannot make a personal investigation, THE TECH is running down all trails in the firm conviction that readers, once they have the information, will, by exercising the sound judgment for which they are noted, decide the puzzle that has balked the most astute of metropolitan journals.

Is Henry Clay Frick "Mr. Smith"?

Henry Clay Frick is among those to whom rumor has continually attributed the gifts of Mr. Smith. Back in 1912 when the first gift to Technology of two and a half millions was announced, as soon as Carnegie and Edison had both denied and put themselves out of the running, popular opinion fastened on Mr. Frick and has never quite let him go.

He fulfills the three conditions. He is a Pittsburgher and a New Yorker, and therefore not a Massachusetts man; he is far from being a Technology Alumnus, beginning active life as a clerk in the flour milling and distillery business and transferring then to the coke industry; and as the largest coke producer in the world, he may be said to be in industry as well as of it.

The Homestead strike, in which his vigorous handling of the strikers nearly won him assassination at the hands of one of his workmen, made him generally known to the American people. His close connection with the steel industry has made him one of the richest men in the world, and he became a close associate of both Carnegie and the elder Morgan. He has been chairman of the Board of Directors of the Carnegie Steel Co., and director in the U. S. Steel Corporation and the Pennsylvania

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TECHNIQUE INFORMALS DUE

Technique has announced that all informal pictures for the 1921 book must be in by Thanksgiving. They should be addressed to the "Photographic Editor." No Senior informals will be printed in the Senior portfolio, but informals sent in from all classes will be accepted.

BRIDGE EXPERT SPEAK

G. F. Porter Talks to C. E. Society on Quebec Bridge

At a meeting of the Civil Engineering Society held Wednesday, Mr. George F. Porter, chief engineer of the Canadian Bridge Co., explained to an enormous attendance of the Civil Engineering Society the story of the Quebec bridge. He traced the history of the bridge from its first conception in the minds of the engineers, through its many trials and failures to its final glorious competition.

Mr. Porter was introduced by Professor Spofford who told the members of the great trouble taken by the speaker to come here to talk to the society. He first outlined the early history of the Bridge. As far back as the year 1850 plans were under consideration for the erection of a bridge on the site of the present structure; the matter came to a focus in 1904 when a company was organized, and specifications issued. The Phoenix Bridge Co. obtained the contract. Work was begun two years later with the guarantee of the Dominion of Canada as to the financial backing. When nearing the completion of

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CANDIDATES FOR 1921 TECHNIQUE ARE CALLED

All candidates for Technique must report Monday between 4.45 and 6.00 o'clock in Technique office, room 308 Walker Memorial.

CROSS COUNTRY TEAM ATTEMPTS COMEBACK

Enters I. C. A. A. A. Run at New York Tomorrow
To Erase Black Mark of Defeat Suffered
Last Saturday

SAME MEN MAKE UP TEAM

Technology's cross country team is out to make a come-back tomorrow in the I. C. A. A. A. cross country run over the Van Cortland Park, N. Y., six-mile course that will offset its poor showing in the New England Intercollegiates last Saturday.

The same team that has represented the Institute in all of the cross country runs this season will make the trip to New York. The men are: Capt. H. R. Dorr '20, E. J. Purcell '22, C. L. Stone '21, W. K. MacMahon '22, H. J. Murray '20, D. F. Carpenter '22 and A. L. Flanders '22.

TECHNIQUE CANDIDATES ASSIGNED POSITIONS

Leaders in Editorial Competition
Assigned to Assist Various
Department Heads — Standing
of Men Announced

SOME MAY BE DROPPED

The Technique 1921 management has made public the names of the men leading in the competition for the business and editorial departments. The following men are the leaders of the Sophomore business competition; the number after the name indicates the number of points which competitor has: H. E. Rockefeller, 39; C. L. Phillips, 27; D. F. Carpenter, 24; W. T. Ferguson, 19, and R. E. Spaulding, 17.

The first assignments of competitors from the editorial competition has been made. The following men have been assigned to assist the various department heads: E. N. Dittenhoffer '22; H. C. Gayley '22; J. E. Hoffman '23; T. W. Alder '22; and A. E. Meling '22. More assignments will be made as soon as more competitors show themselves capable.

The business competition is run for the purpose of choosing the business staff of Technique 1922. Sometime next March the business manager, two associates, and the treasurer of Technique 1922 will be elected from these competitors.

The Business Manager has stated that there are a few of the competitors who have not accomplished anything and who do not attend the meetings every Monday at 5.00. He wishes to announce that if they do not show up more promisingly they will be dropped from the running.

FACULTY DECIDES QUESTION OF SERVICE MEN'S NUMERALS

Diplomas of service men who have missed a year or more of work at the Institute will bear the numerals of the recipient's original class, according to a decision reached by the faculty Wednesday.

The ruling of the faculty provides that all men who were in federal service and have their discharge papers, and who left the Institute in good standing, shall, on graduating, be recommended "as of" the class with which they entered the Institute. The provisions are applicable not only to the Class of 1918, but to all men who failed to graduate with their class because of military service.

The faculty believes this action to be favored by most of the men affected.

TECH SHOW NEEDS MORE MEN

Last call for freshmen and Sophomore candidates for business and publicity department competitions has been issued. Competitors are to be at Show office today at 5 o'clock.

Technology's showing in the New England hill and dale hike was very disappointing to followers of the team. The harriers that placed third in the invitation cross country run at Syracuse, competing against eleven of the best colleges in the east, was looked upon as good enough to win the New England event, but Technology came out fourth best, giving way to New Hampshire State College, Williams and University of Maine.

MacMahon, who finished third in this run, was the only Institute man to run up to form. Technology's second runner, G. L. Stone, placed twenty-first. Three others followed him in close succession.

The Syracuse run was the first one the Institute runners took part in this year, and their showing was very gratifying to their supporters. To place third in a group of colleges that represented the best in the East—Cornell, Princeton, Yale, Pennsylvania, and others—was no mean achievement so early in the season.

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GO-EDS DANCE

Thirty Couples Enjoy Tuesday
Evening With Cleofan

Cleofan's first dance of the season was held with unexpected success last Tuesday evening in the Emma Rogers Room. The attendance amounted to more than thirty couples and included many prominent in undergraduate affairs at the Institute. Music was furnished by the Delany trio, who have served in this capacity at Technology for several years.

The Emma Rogers Room was appropriately decorated with ferns and flowers. Punch, ice cream, and home-made cake afforded a delightful refreshment during the intermission. The crowded condition of the floor was somewhat relieved by many electing to dance in the hall.

Those present owe thanks to Mrs. MacLaurin, Mrs. Tyler, Mrs. Fogler, and Mrs. Nelson, who acted as patronesses during the evening.

CALENDAR

Friday, November 21

- 1.30—Radio Society Code Class, room 10-250.
- 4.00—Mr. W. D. Keefer will speak in room 10-250 on "Accident Prevention and Student Engineers."
- 5.00—Tech Show Business and Publicity Departments in the Show office. Last call for candidates.
- 7.30—Military Science Movies in Main Hall of Walker.
- 8.00—Mechanical Engineering Society in North Hall of Walker.
- 9.30—Class of 1919 dinner in Walker Memorial.

Saturday, November 22

- Soccer game with Brockton.
- 2.00—I. C. A. A. A. cross-country run. New York City.
- Monday, November 24
- 1.00—Technique picture of 1922 Relay Team at Notman's in Harvard Square.
- 5.00—Meeting of all Technique competitors in Technique office.