

Notices and Announcements

All notices for this column should be in by the morning of the day preceding the issue.

OFFICIAL

R. O. T. C. JUNIORS

Juniors not already enrolled in the advanced corps of the R. O. T. C. have until December 20 to do so. The department announces that pay commences with enrollment.

R. O. T. C. PAY

Any men in the advanced R. O. T. C. not having received pay within the last six months must see Sergeant Cox, room 3-310, as soon as possible to be on the January payroll. This will include Seniors as well as Juniors.

UNDERGRADUATE

FALL CONCERT

Tickets may be obtained from the following men and at the Musical Clubs Office. G. E. Parker '24, N. H. DeFoe '25, J. A. Hoxie '25, S. R. Spiker '25, W. P. Lowell '26, J. S. Moon '26, M. C. Dow '26, L. Fogarty '27, F. Meeker '27, A. W. French '26, E. B. Haskell '26, R. P. Hawkins '27, Gordon Wheeler '24, F. H. Hadley '27, J. W. Spence '25, R. DeLuccia '27, John Walker '26, Joe Burley '27.

VARSITY BOXING

Men must report every day at the gym for practice. If the coach is not present substitute road work for boxing in the ring.

TECH SHOW CHORUS

There will be a rehearsal of the Tech Show Chorus at 5 o'clock on Wednesday, November 5, the place to be announced on the bulletin board in the main lobby. Be on time.

FRESHMAN GRAYBOOK

The time limit for redeeming Gray Book sign-ups has been extended to December 15, and they will not be void until after that date.

Signups may be redeemed for one dollar in the main lobby from 12 to 2 o'clock on Thursday, Friday, and Saturday, December 6, 7, and 8.

A. C. S. AND T. C. S.

The American Chemical Society and the Technology Chemical Society will hold a dinner and smoker in north hall, Walker, at 6:30 on Friday, December 7.

HOLIDAY JOBS

The Undergraduate Employment Bureau is desirous of getting hold of any Holiday Jobs that may be available. Anyone hearing of such a job that they cannot handle themselves will do the Bureau a favor by reporting it to them. Anyone desiring a tutor for the final exams may apply at the office, room 7, Walker.

NIGHT FOOTBALL FOR TECH NIGHT OFFERED

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nearest its box when the whistle blows. Struck by the brilliant illumination of the scene at the tug-of-war this fall another contestant proposes that the Field Day football game could be held after the theatre, and would provide a sufficiently interesting amusement to reunite the celebrators after the show. It is pointed out that much interest would be manifested in the game because its outcome is necessary to determine the winner of Field Day.

The same entry suggests that if it should become advisable to discontinue the theatre performance as a feature of Tech Night, an interclass dance might be held in Walker instead.

Contest Closes January 1

Boxing matches on the drill field, after a parade back from the theatre, are suggested in a fourth plan. The contestant also suggests that the batlers should be Sophomores and freshmen, and that it would be amusing if the classes picked their worst boxers as well as their best. After the matches, the plan proposes that comic movies and fireworks be shown.

January 1 is the date set for the end of this contest, and soon after that the prize of \$15 will be awarded to the author of the best plan. The judges are the four class presidents, and the General Manager of THE TECH. Manuscripts may be handed in at the office of THE TECH.

The moguls of basketball have passed a rule that says the mesh of a basket MUST be made of white cord. Linen thongs have been banished once and for all. What difference this will make in shooting a basket no one knows. However the men must pass some rule to earn their salaries without their conscience troubling them.

A change in the rules that will affect the frosh basketball team is that all teams of high school age must play a game of four quarters instead of two halves. However this ruling may be set aside at the discretion of both captains. A game of four quarters is faster than one of two halves.

MINING ENGINEERING SOCIETY

The next regular meeting and smoker of the Mining Engineering Society will be held Thursday at 8 o'clock in north hall, Walker.

TECH SHOW BALLET

Try-outs for the Tech Show Ballet will be held in north hall, Walker, at 5 o'clock next Wednesday. Any men who have not yet tried out may do so at that time.

FRESHMAN CHESS TEAM

Members of the freshman chess team should report to the faculty and alumni room at 8 next Friday for the match with the Harvard freshmen.

MENORAH MEETING

Tonight at 8 o'clock the Menorah Society will hold a meeting and smoke in the faculty and alumni room, Walker. Matthew Porosky '08 will speak on "Your problem as an Engineer." All Jewish students are invited to attend.

CORPORATION XV

Corporation XV will hear an address by T. W. Pellham of the Gillette Safety Razor Company tomorrow evening at 7:30 o'clock at a smoker in the north hall of Walker Memorial.

CHEMICAL SMOKER

There will be a dinner and smoker of the Technology Chemical Society and American Chemical Society in the north hall of Walker at 6:30 o'clock on Friday, December 7.

ARMY ORDINANCE

General Crozier, former Chief of Ordinance, U. S. Army, will give a lecture in room 5-330, tomorrow at 7:30 o'clock under the auspices of the Army Ordinance Association. All those interested are invited to attend.

UNITARIAN LEAGUE

There will be a meeting of the Technology Chapter of the Unitarian Laymen's League at Unity House, Park Square, Boston, at 6 o'clock on Thursday, December 6. Supper will cost 50 cents, following which will come speeches and elections of officers.

M.I.T.A.A. PUBLICITY

Competitions have been reopened. Sophomores and freshmen interested report to the A.A. office in Walker any afternoon at 5 o'clock.

JUNIOR UNIFORMS

Juniors having ordered R. O. T. C. uniforms may now obtain them at room 1-050. The shipment just received represents the first two-thirds of the total number ordered.

XV SENIORS HEAR MRS. GILBRETH

Woman Engineer, Substituting for Husband, Talks on Standardization

For the first time in several years the Course XV Seniors in Business Management were addressed by a woman lecturer last Saturday morning, when Mrs. L. M. Gilbreth, who, with her husband, F. B. Gilbreth, has achieved national fame in the industrial engineering field, gave an hour's talk on the general subject of "Standardization."

It was Mr. Gilbreth who had been scheduled to deliver the lecture, but as he was unavoidably detained in New York, Mrs. Gilbreth found it possible to take his place. This is not the first time that she has substituted for her husband here. During the war, when Mr. Gilbreth was tied down by war duties, she came to Technology in his place.

Some Men Crave Routine

She began her talk by referring to the condemnation of standards by Dr. Charles Eliot, president-emeritus of Harvard, who had declared that while standards were all right and often very valuable when applied to materials, their application to the activity of human beings was most pernicious. Mrs. Gilbreth explained that the misunderstanding of the use of standardized operations in industry was largely due to the fact that industrial engineers did not take the trouble to defend themselves against the charges that to make the factory worker more or less an automaton was a cruelty.

Pointing out that certain types of individuals absolutely craved routine activity, she showed that the cruelties were caused, if at all, not by the routinization of the activity of individuals in factory work, but by the assignment of such work to people who could not find pleasure in it. The experience in industrial work, she added, indicated that most workers desired work of a habit-

tual nature, and showed that the development of skill, was in a way the development of a habitual routine of operations.

Lead Busy Lives

The remainder of her address dealt with ways and means of determining and applying standards, mentioning the use of the motion picture camera for time and motions studies. It is in this field that her husband and herself have done the greatest amount of work. Both she and Mr. Gilbreth are well known in engineering and management circles, and are the co-authors of many works on subjects pertaining to industrial engineering. In addition to all their professional work they have found time to bring up a family of 13 children, 11 of whom are still living.

FROSH GRAY BOOK TO BE PRINTED THURSDAY

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long to this group. In cases where no picture has been obtained the prep school records only can be published.

Circulation Unlimited

These pictures will form the first section of the book and will be followed by an athletic and activity department. The athletic section will contain facts about freshman athletics and more particularly about the men who compose the teams. A large amount of space will be devoted to the Field Day teams and intimate articles about them. The activity section will deal with every activity at Technology and will contain an article on each of them.

In addition to these features there will be several drawings by H. B. Kane '24, Art Editor of Voo Doo, and several photographs of the Institute. It is expected that the Gray Book will have some circulation in addition to freshmen as it should be of value to members of the Faculty, to fraternities and to activities and organizations.

SOLOS FEATURE AT WINCHESTER CONCERT

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name. His instrument, the ballalaika, is a very old and likewise a very popular Russian folk instrument. It was perfected by B. B. Andrejeff and since then has become increasingly popular and much better known to the musical public.

Although it was not announced on the program that there would be some piano-forte selections by M. C. Wagner, the pianist surprised the audience by rendering a sonata of his own composition as well as other selections. Mr. Wagner has been accompanying Mr. Greaves at this and at previous concerts.

With the exception of the Fall Concert on Friday of this week, there will be no other concerts by the Musical Clubs before their departure on their winter tour, which commences December 26.

WELLESLEY AS "TECH ANNEX" EXPLAINED

Adventure of Two Rogers Men Solves the Riddle

A question has presented itself ever and anon regarding the term applied to Wellesley as the "Tech Annex"—even by the girls themselves. The question of why Harvard students do not rate higher, in general, of course, than Technology students has puzzled a good many, too; and an incident that occurred the other night to a couple of Rogers men may, or may not throw some light on both questions.

For it so happened that these two students on their periodical pilgrimage to the School of Feminine Arts had missed their train, and while waiting upon the platform of the Back Bay Station for the next one going in the same direction, they were accosted by two youths, evidently from Harvard, who were just a little later for the train that had not waited for them. The Tech men gave the desired information about the train service and schedules, and then introduced themselves. At the conclusion of the introduction, one of the Harvardians inquired pleasantly, "I suppose you are both Harvard boys, aren't you?" And immediately he was answered by one of his new acquaintances from Rogers, in one cryptic little line, and from which at least a faint light may dawn upon the reason for the Tech Annex. All he said was, "No. We're Tech men."

Ed Parker, basketball coach for Harvard the last four or five years, is credited with having played over 2200 games of basketball in his career. Parker is a large well-built man who looks as though he could cause a lot of damage in a game.

Some men are probably worrying as to whether they should train during the holidays. The answer is don't. Booze of course should be cut out, but recreation will do no harm. Besides training throughout the year without a letup will cause staleness.

TECH SHOW OPENS POSTER CONTEST

Work On All Branches of Show Now Progressing Very Rapidly

At the smoker held last Friday in Rogers, plans were announced for the Poster Competition by Carl Mabley '25. The competition which is open to everybody in the Institute, is for two illustrations, one to be used as the score cover, and the other as the regular show poster. The winner will receive Institute credit for this work, while two \$5 prizes will be awarded in addition, for the two best illustrations.

As usual, the posters should be in three colors. Information regarding the competition can be obtained from Carl Mabley '25 in the Tech Show office in Walker.

Tomorrow the first ballet tryouts will be held in the north hall. Miss Virginia Tanner will have charge of the cuts. At the same time, rehearsals will be held in room 2-180. Books have been distributed and work on the speaking parts of the Show has been started. First Chorus cuts have been made, about 50 men having reported for the tryouts. The number has been cut to about 20.

VI-A MEN VISIT NEW HOG ISLAND BATTERIES

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then pierce more than a foot of armour plate there. The gun itself, if stood on end on the portico of Technology, would reach well above the cornice and parapet, and the total weight of emplacement will be upwards of a million pounds. While the mechanism controlling the movement and firing of the gun are actuated by electricity it can also be operated by hand.

The entire battery is self-contained, with its own power plant, heating and other necessities completely separate from the mainland. Above the battery cellar, are two pits, one for each emplacement, for the commanding officer to take note of each shot, though it is doubtful if the result can be observed from there, owing to the great distance the projectile will travel.

Most Modern Defence on Coast

When the Engineers finally turn the island over to the Coast Artillery, Lieut. Adcock estimated the necessary personnel for each gun at about 50 men, making a total of about 100 men in war time. The emplacement was originally designed for two 12 inch guns, construction being started with such plans in July, 1920, but in June, 1922, it was decided to enlarge the battery to 16 inch pieces, and August of this year, remodeling the construction already in place was begun. When completed, it will be one of the finest of the coastal defences in the country, and will be under the command of Colonel Wiczorik—born and reared in Connecticut—who is directly responsible for all the Boston harbor fortifications.

After an hour and a half on the island, with the students poking their heads and noses into every nook and cranny of the works, the whistle on the little boat called them back to deck and cabin, and when the workmen were on board, she pulled away from the wharf for the homeward trip.

Tells Sea Stories

The return was uneventful, with the possible exception of the fact that the sea was a little rougher, and several of the men on the forward deck were sprinkled by the spray from a playful wave or two. Several vessels were taking advantage of high tide and were headed for other places than the harbor of Boston, and the skipper entertained a few of those aboard by tales of the various reefs and bars, just as one might expect from any old sea captain.

It was dark when the "Executive" finally docked at the Base, and while there were several who admitted being rather cold, the entire party felt fully repaid for the trip to the Island.

With their opening game in the Arena Friday, the hockey team will have to take the fullest advantage of every opportunity to practice till then. The team has been able to practice on the ice less than a week. With a longer period of practice in their favor, the B. C. team will have this advantage over the Beavers.

ARCHITECTS CONSIDER TECH SHOW SCENERY

Last Friday evening the Architectural Society heard Professor Rogers and Monrow Hewlett, an eminent stage designer of New York, talk in the Commons Room at Rogers about the scenery and the sets for the Tech Show. Professor Rogers is lending his aid to the show this year as always, and his talk regarding it and the work to be done sounded the keynote of this year's preparations.

Professor Emerson spoke a few words introducing Mr. Hewlett, and from the speech that followed, all those contemplating working upon the scenery, obtained several points that will be very useful in the designing and execution of the sets.

He told of several features in the sets designed for plays well known to the public, and pointed out the advantage to be obtained in the simpler designs. He laid great stress upon the necessity of scale in a stage production, as well as the necessity of carefully studied lighting. Mr. Hewlett briefly described the work to be done on the show poster and score cover, pointing out that heretofore the posters displayed at various places had to be replaced several times because of the zeal of the lovers of the artistic who confiscated them for souvenirs.

There were about 50 present, including the author of the "Hidden Idol" and several Technology men from across the river. Judging from those interested, there should be a number of excellent designs from which to select the show's scenery this year. After an informal questionnaire directed at Mr. Hewlett by several of those most interested, the meeting adjourned about 10:30.

SALESMEN

House-to-Housemen, \$3 to \$5 hour spare time selling Little Wonder Gas Savers. Only weighs two ozs.; cuts gas bills 50 per cent. Retail 35c, costs \$15 gross, brings in \$50.40. Agents' sample doz., postpaid, \$1.50.—Keystone Supply Co., 218 Duquesne Way, Pittsburgh, Penna.

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