

\$500 PRIZE OFFERED BY MAYOR OF BOSTON

Object Is to Produce Plans
for Solving Boston's
Civic Problems

FACULTY NOT ELIGIBLE

In order to improve certain civic conditions in Boston, Mayor James M. Curley has just offered a prize of \$500 for the Technology student who develops the best plan of improvement. The prize will be awarded for the best report and working plan submitted by a student on any one of four subjects. The award will take the form of a contract agreement. The city will pay \$500 for each thesis accepted.

The subjects to be treated are as follows: First, how can Boston's acute traffic congestion problem be solved? What are the best ways to make traffic move more rapidly, to minimize danger to foot passengers, to provide parking facilities and prevent undue dawdling, without impairing the efficiency of commercial service or checking the expansion of retail trade in Boston?

Choice of Three Subjects

The second subject is one of sanitation. How can the streets and alleys of Boston best be kept clean and sanitary at a minimum cost with maximum results? Public peace and convenience, the prompt and final disposal of the waste collected, the question of hours when the work should be done, the kind of machinery to be used, and some practical suggestions in regard to retrieving merchantable by-products to offset costs are points which are to be treated in this paper.

The best method of controlling and regulating necessary but offensive industries situated inside the municipality is the third topic for a prize thesis. Ways are to be suggested for making innocuous the insanitary features of garbage plants, rendering establishments, oil refineries, and the like, and for sterilizing their waste so that the soil and water adjacent will not be polluted, and the health and value of neighboring localities will not be impaired.

Prize Open to Any Enrolled Student

The last subject for discussion is the improvement of certain building laws regarding fireproof construction. The present law states that fire protection shall consist of concrete, terra cotta, or brick work set in cement mortar. The problem here is to develop a better method of protecting steel work from heat. A simpler and less expensive method of application which will not add to the weight carried by the steel construction, nor to the cost of material, is the principal object to be attained. The nature of the material and the method of application should be described, and the reasons for its superiority pointed out.

This prize offer is open to any student enrolled at the Institute during the school year of 1922-23, but this does not include school instructors temporarily at the Institute taking courses. All theses must be submitted to the Budget Commissioner of (Continued on Page 2)

SECOND DORM DANCE OF THE SEASON FRIDAY NIGHT

Musical Clubs Orchestra Will
Provide the Music

The second dance given by the Dormitories will be held in the main hall of Walker on Friday evening of this week, the music for the affair being furnished by the Musical Clubs' 10-piece orchestra. The dance will be informal and will run from 8 to 12 o'clock. In keeping with the very successful precedent established by the Dormitories last month in their first dance, the committee has promised the same standard of dance but with several new novelties, the nature of which they refuse to divulge.

The tickets for the function were put on sale last Monday, and have met with such a brisk sale that the success of the dance is already assured. The few remaining tickets may be secured only from members of the committee, which consists of E. H. Miller '23, chairman, M. L. Hfield '24, R. T. Lassiter '24, and H. M. Tracy '24.

The patronesses for the dance are Mrs. L. M. Passano, Mrs. R. T. Pendleton, and Mrs. J. R. Jack. Refreshments will be served from tables in the main hall during the intermission.

DR. MATHEWSON SPEAKS AT LUNCHEON TUESDAY

Next Meeting of Faculty Club
Friday, November 10,
in Room 5-330

At a luncheon meeting held yesterday in north hall, Walker Memorial, members of the Faculty Club had the opportunity to hear Dr. E. P. Mathewson, who spoke on the subject, "Hints to Technical Educators from my Experience with Recent Graduates."

Dr. Mathewson, who has had experience with numerous graduates of Technology, outlined in his talk his ideas regarding technical training methods. He believes that students should be impressed with the fact that laboratory work is not necessarily the equivalent of actual experience under working conditions.

Next Meeting on November 10

Other points brought out were the desirability of knowing modern languages, particularly Spanish; that courses should be general in character and not over four years long; that students should be taught how to make concise reports, and to appreciate the value of truth and common sense.

There will be an evening meeting of the Faculty Club Friday, November 10, in room 5-330, Pratt School of Naval Architecture, at 8 o'clock. This meeting is designed especially for the ladies of the Faculty.

Mr. W. L. Underwood, a special lecturer in the Department of Biology and Public Health, will give an illustrated talk on the subject, "Adventures of a Sage Brush Tourist in Wyoming."

PROF. HATT LECTURES ON NATIONAL HIGHWAYS

Civil Society Drive Closes This
Week—Plans for Two
Smokers

At the first Civil Engineering Society smoker held last week, Professor W. K. Hatt spoke for 50 minutes before over 100 members on the recent results obtained in highway research. His talk was illustrated and he presented the subject from an economic viewpoint of correlated problems in motor vehicle design and transport with pertinent observations on relative costs and organization. As Director of the National Board on Highway Research, Professor Hatt drew from a wealth of information about the details and method in past highways in each active section of the country and in the government and university laboratory, including the contribution of the Institute.

The Society has conducted a continuous membership drive up to the present time at the Combined Professional Societies booths and individually among the classes. The enrollment so far exceeds that of last year, with a total of 210. The drive will close this week, after the distribution of all pins ordered.

The next event planned is a Stone and Webster movie of the Catskill water supply of New York City, with Mr. Northup as speaker. Plans for a dance are to be discussed at this smoker, which will come the latter part of this month.

FIRST MASQUE TRYOUTS TODAY IN NORTH HALL

H. I. Beadle '23, chairman of Masque's committee on tryouts announced today that Masque will present plays in December. All candidates for positions on the cast should report to him in the north hall of Walker Memorial this afternoon from 3 to 5 o'clock when tryouts will be held.

The committee will recommend men who show ability to the stage manager of Tech Show 1923.

NOTICE TO SENIORS

The photographer from Bachrach's Studio will not be at the Institute to take Senior pictures after November 15. It is absolutely necessary for all Seniors desiring to have their pictures in Technique 1924 to report to the office (Room 308 Walker Memorial) at once for an appointment.

MUSIC AND LYRIC SMOKER TONIGHT

Professor R. E. Rogers Will
Be Principal Speaker
of Evening

ASPIRANTS MUST ATTEND

The Music and Lyric Writers' Smoker will be held by Tech Show this evening at 8 o'clock in the east lounge of Walker Memorial. It is intended primarily for those men who are interested in writing music and lyrics for the Show this year. Men who intend to try out for the cast, ballet or chorus will be called out later in the term.

The speakers of the evening will be Professor R. E. Rogers of the Department of English and History, and F. D. Gage '23, who has written a great deal of music and lyrics for past Shows. The latter will also be the chairman of the music and lyric writers committee. Other men who have written for the Show in the past will also speak.

Freshman Competitions Reopened

The management states that it is of utmost importance for all men who intend to write music or lyrics to be present at this smoker, as suggestions as to the styles of work desired will be made, and also, the plans for this year's competition will be outlined. Refreshments will be served to those present.

Managerial competitions are being reopened for the benefit of all freshmen and Sophomores who were on any Field Day team. This competition leads to positions in all of the managerial departments, including Business, Stage, Publicity and Orchestra management.

NEW TRACK HOUSE WILL BE READY FOR USE SOON

Passage Leading to New Gym Is
Nearly Finished

In only a few more days the new additions to the track house will be completed. The first layer of the floor is down and the second is soon to follow. The windows have not been put in nor has the door connecting the addition with the main part of the track house been cut.

The passageway connecting the new gym and the addition is also nearly complete. The first layer of the floor is laid and the sides have been erected. Behind this passage work on the heating plant for the two buildings has started. The brick foundation has been put down and part of the walls, which are also of brick, have been built.

NAVAL ARCH. PLANS TO SEE MAJESTIC DOCKED

At a short business meeting held recently, the Naval Architectural Society made plans for visiting the Army Base Drydock in South Boston to witness the dry-docking of the great White Star liner, Majestic. The ocean greyhound is scheduled to arrive here for repairs on November 15, the South Boston drydock being the only one large enough to hold her on this side of the Atlantic.

The names of eight Sophomore members were read and accepted into the society at the meeting. Plans were discussed for the first smoker of the year which is to be held in the near future.

PLANS FOR THE JUNIOR DANCE MAKING PROGRESS

Tickets for Dance on Sale at
Cooperative Store

The plans for the Junior dance to be held in the main hall at Walker Memorial, on Friday, November 24, are now well underway. The tickets, which are \$2.25, were put on sale last Monday at the Cooperative store.

The music for the dance will be furnished by Morey Pearl and his first string eight piece orchestra. The dance will be informal and refreshments will be served. The committee also plans to have some attractive souvenir or novelty.

Those desiring tickets may obtain them at the Cooperative store, Walker dining hall and from any member of the committee which is composed of T. F. Bundy, chairman, C. L. Dunn, B. A. Cushman, R. T. Lassiter, W. H. Robinson, Jr., and E. S. Bates.

LAST CHANCE TO BUY SENIOR HOP TICKETS

Will Be Sold Today in Main
Lobby at Noon—Matrons
Are Announced

"Unless the remaining tickets for the Senior Hop are sold today the dance on the 16th can not be run as originally planned," states the chairman of the Senior Hop committee. The dance which is scheduled to be formal and exclusively for Seniors will be held on Thursday, November 16 at 9 o'clock in Walker Memorial. Today is positively the last chance for the Seniors to obtain tickets which will be sold from 12 to 2 o'clock in the main lobby ticket office.

The committee announces that the matrons for the event are Mrs. R. C. Maclaurin, Mrs. Walter Massey, Mrs. H. G. Pearson, Mrs. H. P. Talbot.

The musical part of the program is to be cared for by Bert Loew's Orchestra, being the same one which furnished the music for last year's Prom. Supper tables may be reserved at the time of buying tickets. Unusual decorations are being planned and effort is being made by the committee to have the Hop equal last year's Prom.

The committee in charge of the Senior Hop is Denton Massey '23, chairman, E. A. Adams '23, H. C. Barrett '23, F. A. Kinch '23, and Hall Kirkham '23.

INSTITUTE COMMITTEE TO GOVERN BOAT HOUSE

At the last meeting of the Corporation it was voted that the boathouse be turned over to student government control. It is intended that the building be run on the same plan as Walker Memorial, by appointing a standing committee to govern it under the surveillance of the Institute Committee.

The members of this committee are not chosen as yet but will be selected at the next meeting of the Institute Committee.

H. T. CAHILL TEACHES CLUB PUBLIC SPEAKING

Course Inaugurated Tomorrow
Afternoon in Walker
for Speakers

Mr. H. T. Cahill, a Boston attorney, will give the first lesson of a special course in public speaking at a meeting of the Speakers Club to be held in the Faculty and Alumni room, Walker, tomorrow at 5 o'clock. Mr. Cahill has classes in public speaking at both the Boston and Cambridge Y. M. C. A., as well as a class of 250 business men at Tremont Temple. He outlined the course at the meeting of the club last Thursday.

In order that the men may get the most out of the course, it will have to be limited as to numbers. The only expense to members of the club will be the cost of the book used, since Mr. Cahill is being provided by a member of the Corporation.

At the last meeting G. W. Elkins '24, and Henry Shore '24, were granted membership in the club. The board of direction also announces the addition of R. P. Shaw '23, president of the Senior class, and H. P. Junod '23, to the list of members.

DR. J. S. TAYLOR SPEAKS TO MATH CLUB THURSDAY

"Capitalized Cost" will be the subject of Dr. J. S. Taylor's talk to the Math Club tomorrow night at 8 o'clock. Dr. Taylor is an instructor in the Mathematics Department of the Institute. The meeting will be held in the Faculty Dining Room.

The subject deals with the mathematics of finance and will be of special interest to men in Course XV. The meeting is open to any one who is interested in this subject.

The results at 2:30 o'clock this morning of yesterday's election show Gaston 5200 votes ahead of Lodge, Cox 1506 votes ahead of Fitzgerald, and O'Brien 13,000 ahead of Pelletier.

COACH FRANK KANALY TELLS 200 TRACK MEN THEY FACE BIG TASKS

Dual Meet with Dartmouth
and New Englands
to Be Tests

URGES IMMEDIATE START FOR ALL TRACK ATHLETES

Two Meetings Hear Stirring
Address by Technology
Mentor

"If we hope to be successful this spring we must get our training under way at once" was Coach Kanaly's message to 200 prospective candidates for the Varsity and freshman track teams who attended the two meetings held in room 10-250 Monday afternoon. Technology has two big tasks on her hands this year, the coach told the gatherings, "They are to beat Dartmouth in the dual meet in order to prove that the performance of two years ago was not a fluke, and to win the New England championship, thus clinching the possession of the trophy. Neither of these are slight tasks. Most of our veterans are gone and we must depend on new material. Other big colleges regard it a disgrace to lose an athletic contest to Technology, the institution of grinds. It is up to us today to prove the falsity of this belief. We have got to show Dartmouth, B. C. and Harvard that we can be athletes as well as mental giants."

"I Respect the Tech Athlete."

Coach Kanaly admitted the existence of considerable difficulties in the way of the man competing for a team at the Institute. "At other colleges if a track man wants a new suit they tell him to go get it at the team's expense; here a Varsity star wears a jersey till it dies of old age. But I respect the men who are game enough to stick to their colors in spite of difficulties and make up Technology's teams. I can't coddle any man but I promise you all fair treatment and consideration regardless of your abilities. All I ask is that a man gives me his honest effort and I'll do everything in my power for him. Don't quit because you don't make the Varsity with the first time trials. Bob Hendrie barely made the freshman team when he started. Stay with the game."

Every Man to Try Each Event

Coach Kanaly promised an innovation this year in setting aside one day when every man on the squad, cross country team men excepted, would try their skill at a certain event. The first on the schedule is "broad jump day" when each track man, candidate or veteran wearer of the "T" alike will essay three times to beat Ned Gourdin's record and duly report his achievements. Similar days will be designated for the other field events with the exception of the hammer throw, for said Coach Kanaly, "I want a few men left alive after practice is over." This new plan is one of the coach's schemes of keeping square pegs out of round holds and if possible to aid the bolstering up of the Engineer's weakness in the field events.

Selects His Teams by Watch

"It doesn't matter how you part your hair if you make the time" the Cardinal and Gray mentor explained, "I don't allow any personal feelings to influence my choice of the team. The Institute teams are picked as the result of time trials where every man (Continued on Page 3)

CALENDAR

- Wednesday, November 8
3:00—Masque tryouts, east lounge, Walker Memorial
8:00—Music and Lyric Writers' smoker, east lounge, Walker
8:00—Math Club meeting, Faculty dining room, Walker
8:00—Hexalpha dance, north hall, Walker
5:00—Outing Club meeting, Faculty and Alumni room, Walker
5:00—Foreign Students meeting, north hall, Walker
- Thursday, November 9
8:00—Math Club meeting, Faculty dining room, Walker
- Friday, November 10
8:00—Dorm dance, main hall, Walker
- Saturday, November 11
1:30—Chauncy Hall Club orchestra rehearsal, room 10-250
- Wednesday, November 15
7:30—Aeronautical Engineering Society smoker, room 5-330