

FROSH ESCAPE FROM DEATH UNDER AUTO

Speeding Taxi Runs Down Student Commuters On Beacon Street

GET FIRST AID AT HOSPITAL

With the exodus of the old year it looked as though the habit of Technology students of managing to get in the way of speeding autos had ceased. Young 1925 kept the record quite clean until yesterday morning, when two freshmen coming to the Institute from Sharon were attacked by one of those lantern-eyed monsters. While crossing the intersection at Dratmouth and Beacon streets a car belonging to the B. C. Bird taxi line came careening along at an excessive rate of speed and plunged headlong into E. L. Baxter and J. B. Tileston, picking up the latter and carrying him a distance of about 50 yards before the car came to a stop. Baxter was hurled aside by the mudguard of the machine and only escaped further injury by rolling to the curbing. At first it was thought Tileston had met serious injury or death, but with a little assistance he was soon able to get up and walk.

Taken to City Hospital

A call was put in for an ambulance. It soon arrived and took the students to the City Hospital, where first aid was administered. Aside from a bad shaking up both escaped with minor injuries, while Tileston's clothing was torn in many places. They resumed their interrupted journey to the Institute and arrived in time for classes.

DR. SHAPLEY EXPLAINS THE STRUCTURE OF SPACE

Dr. Harlow Shapley, director of the Harvard College astronomical laboratory, has prepared a scientific treatise on "Stars and Atoms," which will be published in the February number of The Tech Engineering News.

In the article Dr. Shapley tells of the manner in which interstellar space can be accurately measured and of the experiments carried on at Technology that have made these measurements possible. The general method employed is that of the peculiar action of gases when ionized and when the atomic structure is changed. The inadequacy of the triangulation method of measurement and the superiority of the photometric systems are fully explained. Simple illustrations are given so that those who are unaccustomed to astronomical terms or methods can easily follow this latest branch of modern astronomy. Dr. Shapley also tells of the atomic structure and odd behavior of the various known interstellar gases and their spectra relation to the various elements such as strontium, manganese and calcium.

WILL CHANGE LABORATORY TO PRATT MEMORIAL BASEMENT

Orders have been received at the office of the Superintendent of Buildings to equip the basement of the Pratt Memorial Building as the Power Measurement Laboratory. This laboratory has been previously situated on the third floor of building three, near the room occupied by the Military Science Department. About two months' time will be required for its completion.

RESOLUTION IS PASSED BY INSTITUTE COMMITTEE

The following resolutions were passed by the Institute Committee: Moved that the Institute Committee of the Massachusetts Institute of Technology express its deep and sincere sympathy to the family and relatives of Frank Moulton Foster of the Class of 1925, in their recent bereavement.

Moved further that in order that a permanent record may be made of the esteem and affection in which he was held by his fellows, a copy of these resolutions be published in THE TECH.

THE INSTITUTE COMMITTEE,
T. H. Gill, Secretary.

1924 TECHNIQUE ELECTORAL COMMITTEE MEETS TOMORROW

The Technique Electoral Committee will meet in room 10-275 tomorrow at 5 o'clock. The meeting of the committee which was elected last Friday has been called by D. H. Keck '24, president of the Sophomore class.

This committee is composed of 25 members of the Sophomore class, and its purpose is to elect the board of Technique 1924. Hereafter meetings will be held three times a week until the business is completed.

NEW SECRETARY OF M. I. T. A. A. ELECTED

Meet with Yale for Frosh Mittmen Seems Assured

SOCCER MEN RECEIVE INSIGNIA

At a meeting of the M. I. T. A. A. last night, G. A. Midwood '22, ex-manager of golf, was elected secretary. The resignation of L. B. Davis '22 was accepted, and Midwood's election was made unanimous.

Professor Emerson's gift of \$70, which he stipulated should be given either to the Track Team or the Crew was awarded to the latter. Manager R. H. Smith explained that the money was to be used in defraying the expenses of the trip to Yale.

Award Insignia

The appropriation of \$60 for the freshman boxing team was approved. The money will be used in giving a guarantee to Yale for a meet with the freshmen mittmen at Technology on February 25. This is the only meet for the freshmen which at present seems likely to be scheduled. Negotiations with St. John's Military have not as yet produced results.

Managers were reminded that all men must fill out eligibility slips before engaging in any competition.

The report of the Soccer Team was accepted, and the election of F. Macorra as captain was approved, and the following men awarded insignia: G. Atahualpa, T. Craig, C. Duevel, A. Guerro, H. Herzman, F. Macorra, W. Murdock, A. Santos, R. Torres, P. Yurrita, H. Tsui, J. Hoffman. Numerals were awarded to the following freshmen: C. Arteaga, R. Ashworth, G. Conway, J. Eccleston, A. Hall, T. Killian, C. Knight, J. Mulligan, F. Preston, N. Rego, and A. Sun.

TELEPHONE ENGINEER SPEAKS AT ELECTRICALS' SMOKER

Mr. H. E. Shreeve, of the Western Electric Company, will address the members of the Electrical Engineering Society tomorrow evening at a smoker to be held in the main hall, Walker. The subject of the talk is "Recent Developments in Long-Distance Telephony," which will be illustrated with a number of lantern slides.

Mr. Shreeve is the telephone systems engineer of the company and during the war, as lieutenant-colonel, was in charge of the Division of Research and Inspection of the Signal Corps, A. E. F. He is also inventor of the telephone repeater which bears his name. The meeting is scheduled for 7:30 o'clock and a trip announcement will be made. Smokes, slides, speech, and sandwiches will be the slogan.

SELL MORE CONCERT TICKETS THIS NOON

Prominent Society Women Patronesses for Winter Concert of Musical Clubs

DANCE LASTS TILL 3 O'CLOCK

For those who have not yet secured tickets to the annual Winter Concert of the Musical Clubs, held this year on January 27 at the Copley Plaza, there is still one more chance. Tickets will be sold at the same old stand in the main lobby, between 12 and 2 o'clock today, at the same old price, \$6.

The program of the clubs is scheduled to be over at 9:45 o'clock, after which there will be dancing until 3 o'clock. The dance program consists of 15 dances, supper being served between the fifth and sixth numbers. Music will be furnished by Bert Lowe and his first string orchestra, with Jacobs, Sanborn, Calabrese, Dodge, and other well known members of his orchestras.

Prominent among the names on the list of patronesses are those of Mrs. Channing H. Cox, wife of the governor of Massachusetts, Mrs. Andrew J. Peters, Jr., wife of Boston's mayor, and Mrs. A. Lawrence Lowell, wife of the president of Harvard University. The list now consists of 35 names, including those of many of the wives of the professors at the Institute.

The list of matrons is as follows: Mrs. Charles L. Rundlett, Mrs. Herbert F. Blood, Mrs. C. Leslie Chamberlain, Mrs. Webster H. Thayer, Mrs. Henry P. Talbot, Mrs. Edward F. Miller and Mrs. Edward E. Bugbee.

The patronesses for the concert are: Mrs. Homer Albers, Mrs. F. E. Armstrong, Mrs. Arthur F. Bemis, Mrs. Wallace C. Brackett, Mrs. R. P. Bigelow, Mrs. Channing H. Cox, Mrs. David R. Dewey, Mrs. William Emerson, Mrs. Henry Fay, Mrs. H. B. Gardner, Mrs. H. M. Goodwin, Mrs. W. T. Hall, Mrs. Francis R. Hart, Mrs. Edward J. Holmes, Mrs. Henry J. Horne, Mrs. R. G. Hudson, Mrs. Walter Humphreys, Mrs. Dugald C. Jackson, Mrs. Charles A. Jennings, Mrs. A. D. Little, Mrs. A. Lawrence Lowell, Mrs. Charles T. Main, Mrs. A. L. Merrill, Mrs. F. J. Moore, Mrs. Everett Morss, Mrs. Henry A. Morss, Mrs. George Owen, Mrs. Henry G. Pearson, Mrs. Andrew J. Peters, Jr., Mrs. C. F. Richardson, Mrs. Charles A. Stone, Mrs. Harry W. Tyler, Mrs. Francis Walker, Mrs. C. H. Warren, Mrs. Francis H. Williams, Mrs. E. B. Wilson, Mrs. F. L. Woods.

SHOW HOW SEARS, ROEBUCK & COMPANY FILL ORDERS

Routing Methods Demonstrated at Friday's Movies

At the regular weekly movies shown in room 5-330 under the auspices of Corporation XV on Friday afternoon at 3 o'clock, the subject will be the methods used by Sears, Roebuck and Company, a well-known mail order concern, in the caring for the great mass of merchandise that they ship daily.

The pictures will demonstrate the most modern and efficient methods that have been to date developed for the routing of such orders, outlining the course followed in the business from the postcard order to the package ready for shipment.

CHEMICAL SOCIETY TAKES TRIPS TO OIL REFINERY

Yesterday afternoon thirty men of the Chemical Society took a trip to the Beacon Oil Refinery at Everett. The group started from the lobby at one o'clock and upon reaching the plant were shown through it by the officials of the Company. The trip was an interesting one for the men as the methods of refining oil were explained in detail as the actual operations were being inspected.

Owing to the limited facilities of the plant for accommodating visitors the number of men was limited to 30 but a similar group will take the same trip today. The Chemical Society is planning to conduct a series of such trips in the future to nearby manufacturing establishments as this last one met with considerable approval among its members.

M. E. SOCIETY WILL VISIT WORTHINGTON PUMP CO.

The Mechanical Engineering Society will conduct another trip to the Worthington Pump Company today. The trip is limited to 12 men and will start from the main lobby at 1:45 o'clock.

The Worthington Pump Company is a Cambridge concern and can only accommodate 12 men at a time. A similar trip to the same concern was made on Monday.

At a recent meeting of the society it was decided to hold a smoker on February 1 or February 2 and plans were made for the entertainment for that evening. This will be the biggest smoker to be held by the society this term. The entertainment will consist of specialty acts by outside talent. Further details will not be available until later.

INSTITUTE SWIMMERS PLAN REORGANIZATION

Coach Sutherland to Place Men Where Needed Most

SOPHOMORE ASSISTANTS CUT

The Beaver natators, although having barely completed a well deserved back-patting expedition for sinking Amherst, are already troubling themselves as to what will happen when they travel to meet West Point a week from Saturday. As a result of this meditation Coach Alec and Captain Bert are planning to secure a better distribution of the talent at their disposal.

Accordingly extensive informal trials will be held before the trip to make sure that the men are in the event best suited to them and to the requirements of the team. No changes have been announced yet, but Sutherland expects to make several soon.

The dives will receive overtime coaching, not that Bob Purinton needs it, but that Buerger and Schley be trained sufficiently to garner the places that Bob leaves and to keep up the good work on the team next year. The backstroke and the breast stroke will not be swum against West Point. The breast stroke has proved one of Technology's strong events but Bert Weber has not enough strength left after swimming the 220 to put up his best performance in the back stroke.

Cut Made in Sophomore Competition

After a little over three weeks of competition the ten Sophomore candidates for assistant swimming manager have been cut to three. Azel Ames, Gib Cowan and Bill May are the survivors. The competition, though short, was sweet. According to Manager Ed Miller it was hard to keep ten men busy enough so he made the first cut early. Now that the refining process has left but three he thinks that they will have plenty to do.

This is the last cut until the final one some time later in March, when it will be decided who is to don the coronation robes of next year's managership.

"T" VARSITY CLUB WILL HOLD DINNER AT ENGINEERS' CLUB

A dinner for the "T" Varsity Club members will be held at the Engineers' Club at the corner of Arlington Street and Commonwealth Avenue on Saturday, January 28, at 6 o'clock in the afternoon. One dollar a plate will be charged. Those attending are requested to communicate with Major F. H. Briggs, 10 High Street, Boston, not later than tomorrow.

BEAVERS SEEK REVENGE FROM FARMER QUINTET

Varsity to Try Comeback Against Aggies in Walker Tomorrow

VISITORS SEND CRACK TEAM

Technology's quintet, fighting mad after three defeats at the hands of the Farmers' basketball team, is ready to meet the visiting Mass. Aggies tomorrow night at 8 o'clock in Walker gym. Twice last year and once this season has the west state aggregation humbled the Engineers and Cub Hubbard's team is out for revenge. The fact that the five is eager to trim Agricultural by no means indicates that it will win but it does mean that the contest tomorrow night is bound to be a whale of a scrap.

Coach Treats 'Em Rough

Coach Allan was far from pleased at the work of the team in the last game when they fell before the Bruins and he has made it mighty plain in the practice sessions since then. The Beaver five has been doing some strenuous work during the past week and though Coach Allan will hold forth no particular hope for victory tomorrow he is grimly certain that a fighting team will meet the visitors. The Varsity has responded to treatment with vigor and every man is out to show the coach that they are a rejuvenated outfit. There will be no change in the lineup to start the game as the regulars have been holding tenaciously to their positions in the face of the attacking scrubs sent against them all week by Allan.

Farmers Not Doing So Well

The visitors have not had as good luck in their recent contests as in the earlier part of the season when they smashed the Engineers by a (Continued on Page 3.)

MATHEMATICS CLUB TO BE ORGANIZED AT INSTITUTE

Plans are now under way to organize a Mathematics Club at the Institute. Many colleges which have much less mathematical talent than there is at Technology are now supporting clubs of this kind very successfully. The purpose of the club will be to stimulate a greater interest in the different branches of mathematics, especially in its more advanced phases. It has been suggested that two years of mathematics at the Institute or its equivalent should be made one of the requirements of the members of the club. This is to make it possible to take up more advanced subjects. However, all men interested in the subject would be invited to attend the meetings and lectures.

The first meeting of the club will be held on Thursday, February 2, in the east lounge of Walker. Dr. N. Wiener will talk to the men at this time. Further plans for the complete organization of the club will be made at this gathering. All Technology men are invited to come and take part in the meeting.

T. C. A. INVITES MEN TO DANCE

The T. C. A. announces another of the Y. W. C. A. dances to be held tomorrow at 40 Berkeley street at 8 o'clock. The invitation is extended to twenty Institute men and all those desirous of attending are asked by Miss Wellington of the Y. W. C. A. to sign up immediately in the T. C. A. office.

CALENDAR

Wednesday, January 25
1:00—Chemical Society trip to Beacon Oil Refinery.
1:00—M. E. Society trip leaves from main lobby, Walker.
4:00—M. E. Society meeting, room 5-330.
4:00—Mining Eng. Society meeting, room 10-275.
6:00—Masonic Club dinner, Faculty dining room, Walker.
Thursday, January 26
7:30—Electrical Society smoker, main hall, Walker.
Friday, January 27
7:45—Aero Society Conference, room 1-180.
8:00—Winter Concert, Copley Plaza.
Monday, January 30
6:30—Alumni Council dinner, Faculty dining room.
Tuesday, January 31
7:30—Mining Eng. Society meeting, Faculty room, Walker.
Thursday, February 2
4:00—M. E. Society meeting, room 5-330.
5:00—Institute Committee meeting, Faculty room.
Friday, February 3
8:00—Simmons Glee Club concert and dance, main hall, Walker.
Wednesday, February 8
6:00—Dartmouth Club dinner, Faculty room, Walker.
7:30—Mech. Engr. Society smoker, main hall, Walker.

Should the Student Tax Be Raised?

SOPHOMORES PASS REVISION MEASURE

The second class to pass on the Student Tax Revision as proposed, was the Sophomore Class. A meeting was held Friday afternoon, January 20, at 5 o'clock in Room 10-267, of all the section leaders of the Class. These representatives were elected at the various English sections of the Class and represented the spirit of the Class as expressed in the section elections.

D. H. Keck, president of the Class, presided at the meeting. A talk was given by the representative of the Student Tax Revision Committee, followed by a general discussion of the proposal. The vote was unanimous in favor of the Revision. In order to secure the opinion of the entire student body on the measure votes will probably be taken from the freshman and Junior Classes some time in the near future.

WATCH THIS SPACE

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