

EARLY RESULTS OF CREW DRIVE ENCOURAGING

**30 Men Report to Boathouse
On First Day of Row-
ers' Campaign**

**MEN RALLYING TO CALL
OF CHIEF COACH HAINES**

**With New Equipment, Practice
Facilities Are Made
Plentiful**

The campaign for candidates which is being conducted this week by Crew has been highly successful to date, 30 men reporting on the first day of the drive while several times that number signified their intention of reporting at an early date. Much attention has been attracted by the exhibit of the scull and oars in the main lobby and it is planned to open a similar exhibit in Walker today. In addition, the members of the Sophomore and freshman classes will hear members of the Crew speak in the Military Science lectures.

Increase of Candidates Promising
The immediate response of the student body to the appeal of the Crew shows that this sport is becoming more and more popular at Technology. The ideal of Coach Bill Haines is to rank Technology's rowers among the first intercollegiate crews and the only way that the students can help is by coming out for this sport. In an earlier issue of The Tech, Coach Haines addressed an open letter to the student body in which he outlined the advantages of rowing as an activity and his words have had a good effect.

The campaign will continue on through the week and all men who desire to come out for Crew were requested by the Campaign Committee to report as soon as possible to the Boat House so that Coach Haines can give them his whole attention. Members of Crew are in constant attendance at the exhibits where they will give all the information concerning rowing. Any number of men can come out as there is a great supply of equipment and the

(Continued on Page 3)

TAU BETA PI ELECTS FIFTEEN NEW MEMBERS

The national engineering honorary society, Tau Beta Pi, has announced the election of five members of the Institute Faculty and ten members of the Junior Class to its ranks. An informal smoker for the new pledges is to be held on February 20 in north hall, Walker, while the formal initiations are to take place early in March.

The Faculty members elected were Professor William Hovgaard of the Naval Architecture Department, Professor A. E. Kennelly of the Electrical Engineering Department, Professor F. G. Keyes of the Department of Chemistry, Professor W. S. Hutchinson of the Mining Engineering Department, and Professor E. P. Warner '17 of the Department of Physics.

From the Junior Class, those elected were P. M. Putnam, A. A. Lauria, I. M. Symonds, C. R. Mühlenburg, W. D. Siddall, K. T. Bainbridge, W. C. Asbury, Warner Lombard, A. F. Fricker, H. H. Belcher, G. C. Caine, T. J. Killian, E. H. deConningh, C. M. Billman, and Glenmon Giloboy.

VALENTINE PARTY FOR SENIORS IS TOMORROW

**Takes Place of Senior "Free for
All" of Last Year**

The Senior Valentine Party, taking the place of the Senior Free for All, will be held tomorrow in the main hall of Walker. Music is to be furnished by the Musical Clubs Dance Orchestra. There will be no dance orders, thus making a formal party a little informal. Refreshments will be served by the Walker Memorial Dining Service in the north hall and the balcony. The tickets for the party have been going fast, 230 having been already distributed. Those Seniors who have not already secured tickets may do so at the door tomorrow night.

STUDENT HAS SERIOUS FALL FROM MOVING CAR

H. A. Vickery '26 of Chelmsford, was injured Monday morning when he fell from a Boston bound train as it rounded the bend a short distance from the North Station in Boston. Vickery boarded the 7:56 train at Chelmsford and as it pulled into the yards in Boston, he went to the platform of the coach in which he was riding supposedly to be one of the first to leave the train. As the train swung around the bend just before heading into the train shed, he lost his balance and fell from the platform.

R. B. Morrissey '26 and H. C. Abbot '26 saw the man fall and jumping off the train, went to his assistance. When they reached Vickery, he was unconscious and with the aid of a stretcher obtained from a nearby shed he was removed to the relief station.

At first it was feared that Vickery had received a fractured skull but X-ray pictures which were taken later showed that he had only suffered scalp wounds. He was removed to his home yesterday, and Dr. Croke, who attended him, said that he would perhaps be able to return to the Institute within a week.

FRENCH AMATEUR RADIO RECEIVED

**Signals from French Station
Copied Consistently
at Institute**

Signals from three amateur radio stations across the Atlantic were copied Saturday night at the M. I. T. Radio Society station. Those from the French station, radio 8AB, were heard consistently for about two hours, from 11 to 1 o'clock. As a result of this reception, changes are now being made in the Institute station's transmitter preparatory to an attempt to work French 8AB tonight.

The other foreign amateurs who were heard Saturday were in England. One of them was working a station in Holland when his signals were copied at Technology. The Dutch amateur was not heard here. French 8AB was working stations in England when his signals were copied.

Station Open More Now

Although our station called French 8AB, on a wave of 106 meters, it was not successful in raising him. Accordingly the transmitter is undergoing some alterations to improve its chances of working the French amateur. It has been returned so that it now is able to radiate five amperes on a wave of about 100 meters. Also the aerial of the station is to be raised and overhauled, to insure maximum efficiency.

Under a new system instituted this week, the station of the radio society, in building 35, is being kept open every afternoon from 3 to 5 o'clock, to afford members of the society greater experimental opportunities. Two nights a week are still unassigned to regular operators—Tuesday and Thursday.

BRIDGE EXPERT WILL GIVE NEXT ALDRED LECTURE

**Topic Is "Some Special Problems
In Bridge Design and
Construction"**

**SPEAKER EMIGRATED TO
AMERICA FROM POLAND**

The Aldred Lecture next Friday will be given by Dr. Ralph Madjeski, a consulting engineer of New York and Philadelphia and one of the most prominent bridge engineers in the country. The subject chosen is "Some Special Problems in Bridge Design and Construction" and, as in the case of the other Aldred Lectures, it will be given for Seniors, Graduates, and Staff in room 10-250 at 3 o'clock.

Dr. Modjeski was born in Cracow, Poland, where he attended Grammar and High Schools. In 1876 he emigrated to America with his mother and in 1883 became a naturalized citizen. He later went to France where he attended the Government College, "Ecole des Ponts et Chaussées," Paris, graduating with the degree of Civil Engineer at the head of his class.

Awarded Franklin Medal

In the summer he returned to America and secured his first position with G. S. Morrison, Civil Engineer, as Assistant Engineer on the construction of the Union Pacific Bridge at Omaha, Nebraska. From this time his life was devoted to bridge design and construction. The first large project which he designed and constructed was the government bridge at Rock Island, Illinois, which is a double-track railway and highway structure.

Dr. Modjeski in 1911 received the honorary degree of "Doctor of Engineering" at the University of Illinois. In 1922 he was awarded the Franklin Medal and Certificate of Honorary Membership to the Franklin Institute. He is a member of many societies including the American Society of Civil Engineers, The Engineering Institute of Canada, American Society of Consulting Engineers and the Western Society of Engineers.

MUSICAL NUMBERS FOR TECH SHOW COMPLETED

The musical numbers for Tech Show 1924 have just been completed. There are fifteen numbers which are distributed fairly equally throughout the three acts of the show, the best being reserved for the third act in the Temple. The feature number, "Dream Girl" was written by Gavin Watson '24, who is the head of the writers.

This year there are not as many men writing music and lyrics as there have been in previous years, about five or six bearing the burden of doing all of the work. The men who have written musical numbers are Gavin Watson '24, E. P. Thayer '24, J. A. Roig '24, F. R. Tandler '26 and R. L. Briggs '26. All of these men have also assisted in the writing of the lyrics.

LEADS HARRIERS



Frank Bemis '25

GROUP INSPECTS E. E. DEPARTMENT

**Visiting Committee Reaffirms
Eleven Recommendations
at Meeting**

The visiting committee of the Electrical Engineering Department and a special committee inspected the Electrical Engineering Department last Tuesday morning. They were received by President S. W. Stratton in his office and then with the Faculty of the department they were entertained at luncheon at the University Club.

The members of the visiting committee present were Professor Elihu Thomson and Van Rensselaer Lansingh and the special committee consisted of Bion Arnold, consulting Electrical Engineer of Chicago; Russell Robb '88, of Stone and Webster, Boston; Dr. F. B. Jewett '03, of the Western Electric Company, New York; Dr. W. D. Coolidge '90, of the General Electric Company, Schenectady; and Alexander Macomber '07, Boston.

Should Promote Men

The committee approved of the work and plans of the Electrical Department and endorsed the cooperative courses which are now being conducted with the General Electric Company, Stone & Webster, and the Boston Elevated. Eleven recommendations adopted at the meeting last spring were again approved. In these the committee declared itself in favor of greater laboratory space and equipment for the department, especially for the communications laboratory and for electric illumination and it recommended that the subject of electric illumination be given greater emphasis. It favored promoting the younger men on the staff as rapidly as their abilities and the demand for their services dictate, and giving them every opportunity to improve themselves through advanced study and research. It also recommended that the Institute provide funds to pay the expenses of members of the staff when they are presenting papers or articles at meetings which have been approved by the President and the Department Head.

WOMEN'S AUXILIARY TO GIVE NEW SCHOLARSHIP

The Woman's Auxiliary of the American Institute of Mining and Metallurgical Engineers is offering a scholarship valued at \$500 per annum in Mining or Metallurgical Engineering. The scholarship will begin in September, 1924, and will be renewable yearly till graduation.

Any American citizen seeking a degree in Mining or Metallurgical Engineering is eligible as a candidate for the scholarship. According to the terms under which the money will be issued, the candidate has the privilege of selecting whatever school of Mining or Metallurgical Engineering he should desire, provided that his choice meets the approval of the Executive Committee of the Woman's Auxiliary. As a further requirement under which the scholarship will be given, the beneficiary, as his means shall permit, will be required to repay at least fifty per cent of the money advanced to him. These repayments will go toward the support of the general fund.

Applications for the scholarship should be made by letter to Mrs. W. S. Hutchinson, Director, 1235 Morton Street, Dorchester, Mass., before February 23.

PICK BEMIS FOR LEADER OF NEXT YEAR'S HARRIERS

**Went Out for Cross Country at
First Call Issued in
Fall of 1921**

**BECAME THIRD SCORER
IN FALL OF NEXT YEAR**

**Was Unable to Compete in New
Englands on Account of
Princeton Injury**

The choice, subject to A. A. ratification, of Frank Bemis as captain of next year's cross country team by the varsity harriers is a fitting one as he has a record of consistent improvement in varsity competition covering a period of three years and a fighting spirit that is not excelled by any other Technology runner. Going out for cross country at the first call of candidates in the fall of 1921, Frank became the freshman's leading harrier and captained them through a successful season. In each of the seasons that followed, by steady and faithful work, he became one of the Engineer's leading scorers.

Bemis is a runner who had natural ability to begin with, and under Coach Kanaly he rapidly developed into a strong varsity man, but for the majority of his races the first two years, he was handicapped from doing his best work by the method he followed in these runs. It was in the overcoming of this handicap that Bemis showed he had a spirit that couldn't be downed.

Is Steady Runner

Frank always ran a hard, steady race and gave his opponents plenty to think of, but he did not get off to a fast start which meant that he was not among the leaders when half the course was covered. He invariably pulled up on the runners during the latter part of the race and staged a good finish.

(Continued on Page 3)

FRESHMEN TO STUDY CLOSE ORDER DRILL

During the last three weeks of this term the freshmen are to have special instruction in close order infantry drill, under Lieutenant E. H. Levy, to prepare them for the actual drill next term. Instruction will be by lectures and diagrams rather than by actual maneuvering, in order to obviate the uncertainty as to the duties of guides, platoon leaders, and the like, usually evident in previous years when men started drill without this preparation. Drill will be held as usual during the third term.

VALENTINE DANCE FOR JUNIORS COMES FRIDAY

**Tickets Are Free and Party Is
Restricted to Juniors**

The Junior Class Valentine Dance will take place Friday in Walker Memorial beginning at 8 o'clock. This dance is restricted to Juniors and is similar to the Senior Free for All in that the tickets will be free.

Billie Lossez's eight piece orchestra will furnish the music and several new selections are promised. The main hall will be decorated in colors appropriate to the occasion. The Walker Memorial Dining Service is to furnish refreshments, which will not be free. Tables are to be placed in the balconies and the refreshments may be brought there and eaten. These will consist of sandwiches, cake, ice cream and coffee.

In order to secure tickets, it will be necessary to sign-up in the main lobby today. The party is to be informal and the committee extends invitations to all Juniors to be present.

CALENDAR

Friday, February 15
3:00—Aldred Lecture, room 10-250.
Monday, February 18
8:00—Joint meeting of Emerson College and Institute, Menorah Societies, north hall, Walker.
8:00—Aero Society smoker, room 5-330.
Wednesday, February 20
6:30—Tau Beta Pi smoker, north hall, Walker.

Cop Says Basin Ice Not Thick Enough—\$5 Fine For H. G. Shea '24 Who Tried to Tell Judge It Was

"The city's ordinance is intended to prevent fools from committing suicide; you are fined five dollars," was Magistrate Dowd's answer to the plea of H. G. Shea '24, who was summoned on the charge of walking across the Charles river basin on unsafe ice, in the Suffolk County police court yesterday morning. He denies that he broke any city ordinance in his trip across the river, which occurred on January 12, and said last night that Judge Dowd paid no attention to his defense.

According to the city law, which is posted on the Technology pier, from which Shea started on his trip to Pinckney Street, Boston, "It is prohibited to walk on the ice when signs are displayed forbidding such practice." The Institute man based his defence on the fact that he had not seen any such sign. The ice appeared to be perfectly safe, according to Shea, and since a trip across the river would save him about half an hour's walk to his boarding house he naturally took that route. Events proved Shea's judgment to

have been good since he got all the way over to the Boston side without even a single crack or tremble from the road bed. However, when the journey was completed he encountered trouble in the form of Metropolitan Officer Martin. This gentleman had been specially warned to keep his eyes open for trespassers who had enough nerve to risk a short cut on the ice. In spite of these directions he did not take Shea into custody, and indeed seemed rather uncertain as to whether a summons would be sent the transgressor.

A day later the Institute man did receive the summons from the Boston police department which resulted in his presence in the Suffolk County court room yesterday. Immediately after receiving this document Shea made a thorough investigation of the signs to be found on the Cambridge side of the Charles. He found only one and that read, "Danger—ice unsafe." As Shea pointed out to a reporter last night, this did not specifically state that trespassing on the river was forbidden.