

## FRESHMAN HOCKEY SQUAD WILL PLAY ST. JOHNS TODAY

1934 Team Names Williams,  
Right Wing, As Captain  
For Season

### VARSITY PLAYS WILLIAMS

Ice at the Arena has been very busy these mornings with both the Varsity and freshmen hockey crews practicing for games very soon. The freshmen game is with St. John's this afternoon to be played at the Danvers rink. The approaching Varsity game is with Williams scheduled for Saturday afternoon.

At the practice yesterday morning Roger Williams, of Wellesley Hills, was elected captain of the freshman team. Williams is the fast right wing who did nice work in the Phillips game. Walt Silverman will start the game at center for the Engineer yearlings. Jim Mullen will continue at left wing as the other cog in the offensive machine.

The defensive pair, John Hrones and George Schmalz, who really kept the score from being very large in the Phillips game seem to have earned themselves regular places at defense. Everett Kimball will play goalie.

#### First Game For Rivals

This will be the first game for the St. John's team so that the yearlings will have it over their prep school rivals in the point of experience. Coach Stewart's team should show up better than it did in the other game for they have had quite a bit of drill since last weekend.

Varsity To Play University Club  
In preparation for the game against Williams, the Varsity squad have scheduled a scrimmage against the University Club for tomorrow afternoon. The University Club showed a

(Continued on Page Three)

## GYMNASTS PERFORM AT POSSE-NISSEN GYM

Last of Three Exhibitions To  
Be Given This Season

Posse-Nissen School of Physical Education of Boston will be the hosts of the Technology Gym Team Friday night at the annual gym exhibition given at the school. For the past several years the team has gone over and performed for the girls, and the invitation was again extended this year.

This exhibition will mark the third and last that the gymnasts give this season, the first at the Cambridge Y. M. C. A., the other at All Sports Night here at the Institute. Immediately after mid-years the competition starts among the acrobats to make the trip to Temple for a dual meet. The squad is the largest that has ever come out for gym and the prospects look bright for the coming year.

The entries in the events are:

High Bar—Freeman, Platt, Getting.  
Parallel Bars — Ericson, Barnett, Treadwell, Beau Sejour, Butters.

Side Horse — Captain Knapp, Getting, Bissell, Lawsine.

Flying Rings — Lawsine, Rosen, Newkirk, Treadwell, Wise.

Tumbling — Freeman, Abbott, Dollorf.

## Queer Spots on Floor Are Source of Mystery

An observant person or one who had just flunked a quiz and was therefore holding his head down, would have noticed peculiar red spots at intervals of six feet on the first floor corridor of buildings 4, 8, 10 and 3. These mysterious spots seemed to start somewhere in building 4 and proceed uninterruptedly to the infirmary. What really happened is not known but the wandering reporter has an idea that some hapless freshmen did something foolish in the chemistry lab and then proceeded with all possible speed to the infirmary.

## 1932 Honor Group In Course VI Is Increased By Two

Milton S. Hathaway and J.  
Cecil Rowe Recently  
Admitted

Two students have been added to the Honors Group of the electrical engineering class of 1932 at Technology, it was announced today. They are Milton S. Hathaway, of New Bedford, Mass., a graduate of New Bedford High School, and J. Cecil Rowe, of Kew Gardens, Long Island, N. Y., who entered the Institute from Haverford College.

The Honors Group Plan of the department of electrical engineering provides for students of superior scholastic attainments who have also an adequate sense of responsibility and other appropriate personal qualifications, a considerable freedom from attendance at the usual classes and from the routine of detailed assignments. Each honors student carries on very much on his own initiative, under advice and guidance from staff members especially available to him. This arrangement gives greater opportunity for increasing the breadth of view by collateral reading, and for the exercise and development of originality, intellectual courage, and self reliance than does the more usual practice.

The plan now is in its sixth year of operation. To date eighty-seven men have been graduated as honors students. There are now twenty-two honors students in the junior and senior classes of the department.

## CLASS OF 1875 HOLDS FORTY-NINTH DINNER

Seven members of the class of 1875 met at the Engineers Club for the forty-ninth annual dinner meeting. This number was exactly half of the number present at the first of these dinners held in 1881. Thomas Hibbard, president of the class, presided at the meeting. Mr. Joseph W. Homer told of his associations with Alexander Graham Bell during the period that the telephone was invented. The name "telephone" for this useful invention was used at the suggestion of Mr. Homer.

The other five members that were present are as follows: Richard S. Atkinson, Edgar S. Dorr, George H. Eddy, Jr., Frank Lyman, and the secretary of the class Henry L. J. Warren.

## COOPERATIVE MEN BACK FROM WORK

Students Coming For Study at  
Technology Will Be  
Replaced

Returning from the various co-operative companies to continue their work at the Institute, a group of 53 men will come back to swell the roster of course VI-A next term. During this term nearly half the men have been working with the Bell Telephone System, the General Electric Company being a close second in the number of co-operative students employed.

Although 53 students are coming back to Technology for the next term, only 38 are leaving for co-operative work. The reason for this difference is due partly to the fact that all men take the course of study at the Institute during their last semester in order that they may graduate from the Massachusetts Institute of Technology and not from Stone and Webster, for example.

Of the men who are at various works during the next term, 17 go to the General Electric Company, and 14 will be with the Bell system. In addition to these two companies, Stone and Webster, the Edison Electric Illuminating Company of Boston, and the Boston Elevated Railway will use Institute men during the coming semester.

## VOO DOO TO HOLD RAFFLE ON ISSUE

Evening at "Mayfair" With  
All Expenses Paid Offered  
Lucky Winner

Offering as a prize an evening at the exclusive Boston night club, "The Mayfair," Voo Doo introduces a raffle in its Night Life number, which goes on sale next Monday at noon. Each copy will be numbered consecutively, and after the sale the lucky number will be drawn by Winward Prescott, Associate Professor of English at the Institute.

This is the second year that Voo Doo is incorporating a lottery with their issue, having given last year, two free tickets for an airplane ride over Boston. Last time the innovation proved very popular and drew a great deal of interest from the student body, encouraging the Board to try it again this year. It is expected that this raffle will be even more popular since a better prize is offered than was given previously.

The issue itself has brought a great deal of praise from those fortunate enough to see an advance copy. The managing board was so pleased with their issue that they decided to send advance copies to those well-known leaders of night club life: Graucho Marx, Watty Winchell, and Tex Guinan. Telegrams have been received from all three widely acclaiming the issue and congratulating those in charge.

The issue, as can be surmised from its name, deals with night life in Boston and the vicinity. The staff has put a great deal of work into the copy, in an attempt to make it the highlight of the year.

## Chemists To Hear John M. Bierer '10 Factory Manager Will Speak On Rubber Manufacture At Meeting

John M. Bierer '10, factory manager of the Boston Woven Hose and Rubber Company, will be the principal speaker this evening at a meeting of the Technoogy Chemical Society, in the Faculty Dining Room of Walker Memorial, at 7:30 o'clock. His talk, which will be on "Rubber,—its Properties and Manufacture," will be illustrated with lantern slides.

Mr. Bierer will bring with him a large number of exhibits among which are crude rubber, latex, compounding agents and many finished products. The usual book raffle will take place and refreshments will be served as usual. All members are urged to attend.

Tomorrow the Society will take an inspection trip through the Cambridge plant of the Boston Woven Hose and Rubber Company. They will be shown the various processes used to convert crude rubber into hose and sheet rubber products.

## Chemistry Professor Again Misunderstood

It seems that a jinx has descended on the lecturers in freshman Chemistry, as another story of humor comes from their ranks. One of the professors was explaining the chamber process for the manufacture of Sulphuric Acid; as an illustration he took a jar of nitrosylsulphuric acid and added water to it. A sharp hissing sound was heard as the two substances reacted, and satisfied with the success of his experiment, the professor looked up and smilingly inquired, "Can you hear that, siss?" Whereupon a fair co-ed sitting toward the front of the room blushed deeply, wondering how some professors could become so personal in the classroom.

## Coast Artillery Unit To Be Shown Anti-Aircraft Film

Motion Picture Will Be Seen  
At Noon Today—Made  
Last Summer

"Tactical Employment of Anti-aircraft Artillery" is the title of the motion picture to be shown today at 12 o'clock to Juniors and Seniors of the Coast Artillery Unit in Room 3-310. The film was made last summer during army maneuvers by the 62nd C. A. of which Capt. Atkinson, now on the Faculty of the Institute Military Science Department, was a member.

Latest developments in anti-aircraft material including the electrical computation and transmission of firing data and the automatic loading and pointing of guns will be shown. There will also be seen an anti-aircraft regiment going into position for the defense of a locality in all its various phases, culminating with the defense against enemy bombardment planes.

The film will be shown to the sophomore class on January 21st and 22nd in Room 5-330 at the following hour: January 21st, 9 o'clock and 2 o'clock; January 22nd, 11 o'clock and 4 o'clock.

## SQUARE AND COMPASS CLUB HAS INITIATIONS

Officers for the Technology Square and Compass Club have been elected recently for the year 1931: President, Professor George Owen; vice-president, Major P. H. Otosen; secretary, Clifford H. Hancock '32; treasurer, Walcott Hokanson; Member of Executive Council, Dr. Bernard E. Proctor. Last year was the first of the club's existence and was considered successful since over a hundred members were enrolled at that time.

## CHI PHI FRATERNITY NOW IN NEW HOUSE

Chi Phi moved into its new home at 22 The Fenway during the Christmas vacation. The house, which is especially noted for the motif of its dining room, was the home of Mrs. Andrew W. Preston, wife of the President of the United Fruit Steamship Lines. It is considerably larger than the fraternity's former residence at 44 The Fenway.

## Professor Miller Went Swimming Over Present Site of The Institute

Land Behind Present Seawall  
Filled About Fifty  
Years Ago

Fifty years ago the spot on which the Institute stands was covered by a good ten feet of water from the Charles River. This was revealed by a recent investigation prompted by the various and sundry types of refuse and mud being uncovered by the steam shovel preparing the way for new Physics-Chemistry building.

Prof. Edward F. Miller '86, Head of the Mechanical Engineering Department, who spent his boyhood in Cambridge, waxed reminiscent when the subject was brought up. "When I was a boy," he said, "the river came almost up to what is now Lafayette Square, where Massachusetts Avenue and Main St. meet."

Railroad Tracks on Piles  
"The railroad tracks in back of the Institute were on piles, and there was

## DANCE COMMITTEE REVEALS CONTRACT WITH BARNEY RAPP

Two Orchestras Will Furnish  
Continuous Supply of Music  
At Junior Prom

### SIGNUPS FEBRUARY 11TH

Directly on the heels of the first orchestra announcement comes the news that Barney Rapp and his world famous band have been engaged as the second one for Technology's major social function, the Junior Prom.

This band, originally a Paul White-man unit, gained prestige under this renowned leader. After playing two solid years in one of the largest night clubs in New York, the Palais Royale, the band was engaged by the new Hotel New Yorker in New York City. There, the band played for three months, broadcasting four nights weekly, and doubling on the stage at several local theatres. In August of this year Barney Rapp opened up his own night club at Yale, where he has been the favorite of the campus.

With these two world famous bands, Jack Crawford and Barney Rapp, the 1931 Prom should be the most brilliant Technology has ever known. The music will be continuous, the orchestras playing alternate dances, without intermission from 9:30 p. m. until 4 a. m. Signups for the Junior Prom will be on sale February 11th, 12th and 13th at the desk in the main lobby.

## MAGOUN DECRIES OUR TRUST IN MACHINERY

Delegates to Detroit Student  
Conference Report

"We have too much faith in machinery," said F. Alexander Magoun, Associate Professor of Humanics, in an address last night before the Advisory Board and Cabinet of the T. C. A. He and Wilber B. Huston '33, who were delegates to the recent student-faculty conference in Detroit, made their reports before a combined dinner meeting.

"By machines," Prof. Magoun continued, "I do not mean mechanical engines, but I rather refer to our trust in organizations, in paper plans, to accomplish results. We are neglecting personalities; a poor plan with a good leader is better than a good plan with a poor leader."

Of the seven general groups which met at the conference, Huston attended the one which dealt with educational systems, and the sub-division which considered marks and examinations. He said that the conclusions reached by the group were that the present system of marks and examinations furnished a poor incentive for study, and that more examinations of the comprehensive type be given.

Among those present were President and Mrs. Karl T. Compton, Percy R. Ziegler '00, chairman of the Advisory Board, Horace S. Ford, Col. Frank L. Locke '86, the Rev. Sidney Lovett and Prof. William P. Ryan '18, members of the Council.

## Distribution of Foreign Students at M. I. T.

Country	1929	1930	Country	1929	1930
Australia	3	1	Japan	5	6
Austria	0	1	Korea	1	0
Belgium	3	1	Lithuania	1	0
Bermuda	1	0	Mexico	14	15
Brazil	0	2	Norway	2	2
Canada	25	32	Palestine	3	3
Chile	1	1	Panama	8	7
China	32	26	Philippine Islands	5	4
Colombia	10	10	Peru	0	2
Costa Rica	2	2	Poland	0	1
Cuba	9	10	Porto Rico	6	8
Denmark	1	1	Roumania	1	0
Ecuador	1	1	Russia	2	3
Egypt	3	2	San Salvador	1	2
Esthonia	1	1	Siam	5	4
France	3	4	South Africa	5	3
Germany	8	9	Spain	5	6
Great Britain	0	8	Straits Settlements	1	1
Haiti	1	0	Sweden	2	2
Hawaii	4	3	Switzerland	2	1
Holland	1	0	Syria	0	2
Iceland	1	0	Trinidad	1	0
India	12	11	Turkey	2	1
Iraq	1	0	Venezuela	3	2
Ireland	0	1	Virgin Islands	1	1
Italy	2	2	Totals	204	207

(Continued on Page Four)