

BOARD TRACK PRACTICE TO START TODAY

**Coach Connor to Work in 10
Days of Training Before
Christmas**

SEASON OPENS WITH HARVARD RELAY MEET

**Many New Men Needed to Fill
Gaps Left by Number
of Stars Lost**

With the opening of the board track season this afternoon Coach Connor will get his men under way in preparation for the winter track schedule. All of the men that are going on the boards are receiving a week or ten days of preliminary training before the examination period. This is especially for the men out for the various relay teams, but as these cover everything from dash to distance, practically all of the track event men will be on hand. The winter schedule for this year will contain one new meet that is more or less an experiment in this country. That is a dual relay meet with Harvard. There will be five four-men relay races run by both the varsity and freshman teams. The sprinters will have their chance in the 400 and 880 yard relays. There will also be a mile relay, a two mile and a four mile.

Three Trips This Winter

Besides this dual meet with Harvard the winter schedule will include three trips to New York as well as large entries in a number of the local indoor meets such as B. A. A. and the K. of C. games.

The Engineers lost an unusually large number of men by graduation last June. Coach Connor will need a large squad of men from which to develop practically an entire new team for the spring meets. In several events all of last year's place winners are gone. There is a great deal of first class material now in the Institute that the track team will need to replace its heavy losses.

Mile Relay Depleted

Of last year's mile relay team Captain Art Smith, Holden, Tench, and Cuslito are gone. Glen Bateman is the only man of this squad back at the Institute. In the dashes Eddie Heap, Webster, Holden, Porter and Stewart have failed to return.

The middle distances, with the loss of Captain Smith, Bill Gurney and Charlie Snow, will have to develop some good men to avoid becoming a

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FRESHMEN HEAR LAST FIRST AID LECTURE

Dr. B. E. Sibley of the Department of Hygiene gave his second lecture on First Aid Friday in room 10-250. This was one of the series of the Personal Hygiene Lectures which all freshmen are required to attend. The students were shown the various bandages and their uses, and how to apply splints to different parts of the body. The pulmotor and lungmotor were demonstrated with directions and precautions in their use. Dr. G. W. Morse, who is in charge of the department, will deliver the next lecture the first of next term.

FRESHMAN PSYCHOLOGY TESTS

All first year students are required to be present at a Psychological Examination to be given at 4 P. M. on Friday, December 7, 1923. The examination, which will take about an hour, will take place in the drawing rooms on the fourth floor of Building 3. Candidates are to report at Room 3-440. Attendance at this examination takes precedence over all other Institute engagements.

H. P. TALBOT,
Dean.

ANOTHER CHANGE IN MILITARY DEPT. STAFF

**Captain L. L. Clayton to Take
Course at Harvard**

Captain L. L. Clayton, Signal Corps, who has for the past two and a half years been a member of the staff of the Military Science Department at the Institute, has recently received orders transferring him to Harvard. He will be one of a group of eight officers sent by the government to take a two year course in business administration as preparation for executive work in some of the great supply depots controlled by the army. Captain Clayton's transfer takes effect February 1, 1924.

FRESHMAN GRAY BOOK WILL GO TO PRESS THURSDAY

**Frosh Pictures and Statistics
Will Be Contained in
75 Page Issue**

**SIGN UPS REDEEMED IN
MAIN LOBBY NEXT WEEK**

The freshman Gray Book will go to press Thursday, and if plans are carried out as expected it will be ready for distribution about ten days later. In order that the freshmen will be able to obtain the book as soon as it comes from the press, sign-ups will be redeemed on Thursday, Friday, and Saturday of this week from 12 until 2 o'clock in the main lobby, where the Gray Book will have a booth. Any one who is unable to be in the lobby at this time can make the payment any time during the day in the Technique office, Walker. The redemption price is one dollar.

Frosh Submit Few Photos

There has been considerable delay in publishing this book, but a great deal of it has been unavoidable and has resulted from the fact that the freshmen have not appeared for pictures as rapidly as was expected. It was originally planned that the Gray Book should appear about the middle of November.

The Gray Book is being published by Technique as the official freshman class publication and will be similar in design to the Technique Portfolio. It will contain a picture of every freshman who has submitted a photograph and will contain records of his prep school activities. The original plans have been seriously impeded by the number of freshmen who have neglected to appear for a photo and it is stated that 25 per cent of the entire class be-

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VI-A MEN VISIT NEW HOG ISLAND BATTERIES

**Uncle Sam's Sixteen Inch Guns
Inspected by Technology
Delegation**

On Saturday afternoon at 2:30 o'clock the good ship U. S. S. "Executive" cast off her mooring at the Army Base Wharf, and headed toward the entrance of Boston harbor with about 50 of Course VI-A men aboard. The boat had been scheduled to leave at 2:15 but owing to four fellows being late, the skipper put back to pick them up, hence the delay in starting.

At the outset, the throaty whistle startled the several men sitting on top of the cabin, but they soon recovered and enjoyed the 50-minute trip to Hog Island. Lieut. Adcock, the engineer in charge of the construction, was in charge of the expedition, and with Lieut. E. H. Levy, explained the works and the manipulations of the various departments in time of war.

Controlled by Hand or Power

The battery is known as Battery Long, named for one of Lieut. Levy's class-mates, Frank S. Long, killed in the Great War, and consists of a pair of 16 in guns that are able to fire projectiles weighing over a ton as far as from Boston to Lawrence, Mass., and

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PROM CANDIDATES NUMBER NINETEEN

**Election To Be Held in Lounge in
Basement of Building 5—
Polls Open 8:30-5**

Nineteen members of the Junior Class were nominated last Friday and Saturday to run for the five positions on the Junior Prom Committee in the elections to be held this coming Wednesday. The election will be held in the lounge of Building 5 on Wednesday, the polls being open from 8:30 until 5 o'clock. The five men polling the highest vote will be elected to the committee, of which the president of the Junior Class is chairman.

Results of the election will be announced at the meeting of the Institute Committee on the following day. Of the 19 men running, several have been prominent in activities in the past and several are taking an active part at present.

The list of candidates includes:—
M. W. Brewster, Austin Cole, Jr., W. A. Cook, M. G. Davis, N. H. De-
foe, Scott Emerson, G. B. Fletcher, A. G. Hall, M. M. Kurtin, R. W. Learoyd, Warner Lombard, E. D. Murphy, Bowman MacKinnon, Ronald Mitchell, C. R. Mullenbarg, W. J. Rhodes, Jr., J. P. Sawyer, G. H. Stark and W. A. Whitehead.

SENIORS TO SEE GILLETTE PLANT

**W. E. Nickerson '76, the Next
Aldred Lecture Speaker
To Be Host**

W. E. Nickerson '76, a Director of the Gillette Safety Razor Company, who will speak at the fourth Aldred Lecture on "The Curious Adventure of a Tech Graduate," a week from tomorrow, has invited the Seniors and Graduate students to visit the plant of the Gillette company either Wednesday or Thursday at 8:30 in the morning. The number of students that can be accommodated is limited, hence it will be necessary for those who wish to go to sign-up, leaving their name and preference of days at Professor Bush's office, Electrical Engineering Department, room 4-212. No sign-ups will be taken after 5 o'clock tomorrow.

The following are the directions to get to the plant: Take a Boston subway train from Kendall Square, get off at Broadway. The factory is about a block from the station on the left at 41 West First Street, South Boston.

Nickerson a Mechanical Engineer

Mr. Nickerson graduated from the chemical course and later became a very successful designing mechanical engineer. He has had a remarkable career and his lecture will have a message of interest to young engineers. He plans to discuss the reasons that caused him to change from one branch of engineering to another and hopes to aid those students who are about to enter on their career by stating some of his experiences. Mr. Nickerson also will touch on some of the social problems that exist in the minds of the prospective engineers, such as the large corporation versus the small company.

RELATIVITY SUBJECT OF LOWELL LECTURES

**Dr. Birkhoff of Harvard to Speak
on Theory**

"The Origin, Nature, and Influence of Relativity" is the title of a new series of lectures to be given at the Lowell Institute by Dr. G. D. Birkhoff, Professor of Mathematics in Harvard University. The series will include six lectures, and will be an attempt to explain the Theory of Relativity. The first lecture, "Euclid, Newton, Faraday, and Einstein," will be given tomorrow in Huntington Hall, 491 Boylston Street, at 8 o'clock in the evening.

Other lectures in the series are as follows: December 7, "The Nature of Space and Time"; December 11, "The Old and New Theories of Gravitation"; December 14, "The Experimental Tests of Relativity"; December 18, "Some Relativistic Paradoxes and Their Explanation"; and December 21, "The Philosophical Influence of Relativity."

PELHAM TO SPEAK AT CORPORATION SMOKER

T. W. Pelham, sales manager of the Gillette Safety Razor Company, will be the speaker at a meeting and smoker of Corporation XV in the north hall of Walker at 7:30 o'clock tomorrow. Mr. Pelham is one of the most prominent sales managers in the country, and is one of the directors of the Gillette Company. Following the talk by Mr. Pelham, President J. M. Naughton '24 will discuss the present plan of the Board of Directors for the annual Spring Tour of the Corporation. Cider and doughnuts will be served. Everyone is welcome.

NIGHT FOOTBALL SUGGESTED PLAN FOR TECH NIGHT

**Another Idea to Stage "Pig
Rush" Between Picked Teams
of the Classes**

FIREWORKS AND BOXING FAVORED BY CONTESTANT

Pigskins, both the greased and laced variety, figure in plans submitted in THE TECH'S prize contest for Tech Night schemes. One contestant proposes that boxing matches, preferably between freshmen and Sophomores, would be the best things to amuse the surging after-theatre crowd of students.

To have teams from each of the four classes take part in a four-sided "Pig Rush" where the tug-of-war was held this year after the theatre is the substance of another plan entered. A greased pig would be provided, and placed in the center of a square on the sides of which the four teams would be lined up for the fray, wearing identification sufficient to make them easily recognizable by their classmates on the sidelines.

Proposes Night Football

At a signal from the judges the pig will be released and each team will try to get the slippery beast into the box provided for the purpose in its respective corner of the field. Realizing the difficulty incumbent on even getting hold of a greased pig for more than a moment, the plan goes on to suggest that if the agile porker is not in one of the boxes after a reasonable time of struggling, that the decision should go to the class whose team has the pig

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FLOWER THROWN FROM BALCONY WINS CANDY

**Last Dance of Term Draws Good
Attendance Tho It Rains**

Walker was the scene of what for a few moments closely resembled a football scrimmage Friday night, when, during the Dorm Dance, a carnation which entitled the holder to a box of candy was thrown from a balcony in the main hall. The flower bounced from one of the lights to the floor, where it was finally secured by one of the tallest men at the dance.

In spite of the wetness of the night, upwards of 150 couples spent the evening dancing to the strains of Morey Pearl's orchestra. Notwithstanding the rain and the 50 per cent greater cost of tickets bought at the door, a large number were sold in this manner, instead of being purchased beforehand. This was the last Dorm Dance of the term.

COPPER MINING SHOWN IN TODAY'S MOVIES

A four reel picture of the leaching and mining of copper ore in the Ajo district of New Mexico will be shown in room 5-330 at 4 o'clock this afternoon. The showing is under the auspices of the Combined Professional Societies, and is the second of a series of motion picture exhibits sponsored by the societies, the first one, "Oxygen, the Wonder Worker," having been shown last Monday. The exhibits are open to all members of the Faculty and student body.

CALUMET CLUB HOLDS HOCKEY RALLY FRIDAY

**Mass Meeting in Preparation
for B. U. Game Held
in Walker**

HOCKEY CAPTAIN TO SPEAK FOR TEAM

**Calumet Club Plans to Create
Interest in Institute
Sports**

To show the hockey team that all Technology is behind them the Calumet Club is holding its first mass meeting Friday at 1 o'clock in Walker for the team, which is scheduled to play the first game of its season, against Boston University, that evening. In order to make it possible for the Institute to be present en masse, the meeting will start a few minutes before one, and will end soon enough to allow students to make 1 o'clock classes.

All the members of the hockey team will be at the meeting and cheers will be given for them. It is probable also that Captain Denton Massey will speak briefly. Although the hockey team's first game is not away from home, the Calumet Club plans to give them all the support possible by the mass meeting Friday, which is the first of a series to be held this school year for the different teams.

Fosters School Spirit

Last year two mass meetings were held in Walker by the Calumet Club. One was to send off the crew for their battle with the Navy, and the other was for the track team. Both were well attended and, in the opinion of the men on the teams for which the meetings were held, were a great success and a source of very real support.

The Calumet Club was organized last year for the purpose of fostering school spirit towards our teams and athletics. The club organizes mass meetings for the teams, and makes arrangements for meeting and entertaining visiting teams. The officers of the organization this year are: President, W. H. Manning '24; Vice-president, J. L. Piland '24; Treasurer, L. P. Marsh '24, and Secretary, Dave Evans, Jr., '24.

SOLOS FEATURE AT WINCHESTER CONCERT

**Musical Clubs Concert and Dance
Well Received**

The solo numbers by B. L. Feagin '24, who made his debut with the Musical Clubs at their Plymouth concert, and by A. V. Greaves, the Russian lullalaika player, were the cause of much applause at the concert given by the clubs in the Town Hall, Winchester, last Friday evening, November 30. M. C. Wagner '24, who appeared as a soloist for the first time, also drew much commendation by his rendition of several piano pieces. Although the acoustics of the room are very poor, the hall was crowded and the concert very well received. The dance which followed the program proved to be a very important and enjoyable part of the evening's entertainment, especially since the music was furnished by the M. I. T. Dance Orchestra.

A. V. Greaves, whose numbers on the ballalaika always occasion comment, is a Russian by birth, his native town being Petrograd. He came to this country in 1921 and entered Course 1 at Technology in his sophomore year, having transferred from the Vladivostok Polytechnic Institute in the city of that

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CALENDAR

Monday, December 3

1:00 Copper Mining movie, room 5-330
8:00 Monarch meeting and smoker, faculty and alumni room, Walker.

Tuesday, December 4

7:30 Army Ordinance lecture, room 5-330.
7:30 Corporation XV smoker, north hall, Walker.

Wednesday, December 5

5:00—Tech Show Ballet try-outs, north hall, Walker.

6:30—THE TECH banquet, Hotel Lenox.

Friday, December 7

6:30—A.C.S. and T.C.S. dinner, north hall, Walker.

8:00—Fall Concert, main hall, Walker.