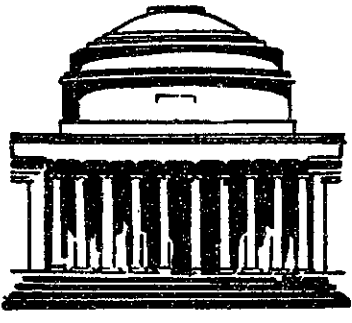


The Tech



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Vol. LXI, No. 24

CAMBRIDGE, MASS., TUESDAY, MAY 6, 1941

PRICE FIVE CENTS

Sales Machine In Final Drive For '44 Prom

Semi-Swing, Brunette Vocalist, Are Slated For Friday's Affair

Sparked by personal interviews and "buttonhole details", a high-powered sales machine has been thrown into gear in a final drive to boost ticket sales for the much vaunted Freshman Promenade, to be held this Friday evening at the palatial Longwood Towers.

Dormitory men, fraternity men, and commuters are now being contacted in this final effort to arouse sleeping 1944 boys to an appreciation of their most important social function of the year.

"Not Too Late," Wilder

"It is not too late to get a date and join the fun," stated committee chairman Perry W. Wilder, Jr., '44, with a twinkle in his eye when approached on the subject of "grape" punch, latest device of the Class of 1944 to break the formality of Tech dances.

Harry Marshard and his thirteen piece "semi-swing" band, will play smooth dance music, and in addition will present specialty numbers in the form of rumbas, congas, and a super-special polka.

Vocalist Is Kay Doyle

The mysterious brunette vocalist, renowned for her golden voice and her sparkling personality, is now revealed to be Miss Kay Doyle, who will present the songs throughout the evening.

Dance committeemen assert that the
(Continued on Page 4)

Summer Session Will Draw Many

Courses In Defense Problems To Teach Industrial Leaders

The summer program of special conferences and courses, recently announced by Professor Raymond D. Douglass, chairman of the summer session, is expected to attract a large enrollment of industrial executives and research workers because of the special facilities these courses will offer for study and research on problems arising from the national defense program. These special courses are being offered in addition to the regular summer graduate and undergraduate curriculum.

The program of special subjects, beginning in June, will include conferences and courses on spectroscopy;
(Continued on Page 2)

New Officers Will Attend Foreign Students' Outing

The new officers of the Technology International Club have been invited to take part in the annual outing of the Cosmopolitan Clubs of the Boston colleges, according to Stephen N. Steen, '43, vice-president of the T.I.C. This trip to Wapack Lodge in New Hampshire will be held next Sunday. Students from Boston University, Harvard, Northeastern, Radcliffe, Simmons, and Wellesley are also planning to go on this trip.

All interested in going on this hike and picnic can sign up in the T.C.A. office. The outing fee is twenty-five cents, and each person must bring his own lunch. In addition there will be a seventy-five cent charge for transportation. The bus is to leave from the northwest corner of the Harvard Yard (Phillips Brooks House) at 8:30 A.M.

Technical Superiority Is Vital For Wartime Success-Compton

"The great lesson from the present war in Europe is that technological superiority over the enemy is the essential for success," stated President Karl T. Compton, last Sunday afternoon, when speaking over the radio on a program sponsored by the M.I.T. Glee Club. Dr. Compton discussed the part Technology was playing in training for national defense, over station WBZ. The program was also rebroadcast over the short wave station WBOS to Central and South America, and will be carried over many stations on the Westinghouse circuit during this week.

Pointing out the immediate shortage of engineers, Dr. Compton said "While the number of graduates from engineering colleges this June would be about fourteen thousand, there will be a demand on the part of industry

and government for some forty thousand new engineers."

Three Types of Activity

Outlining the participation of the Institute in the defense training program, President Compton, drew attention to three major types of activity: "First, the service of some seventy members of its staff on various advisory or operating committees of the government; second, the conduct of scientific research aimed at developing new instrumentalities of warfare or improving the effectiveness of existing equipment; and third, the operation of special educational programs to aid in meeting the shortage of engineers with specialized training in fields essential to national defense."

Stressing the extent and the scope
(Continued on Page 4)

Gridiron Group Hears Marple

Editor Will Talk To Journalists At Annual Banquet

"Why Industry Needs Shirt-Sleeve Journalists" is to be answered by Mr. Howard A. Marple at the annual banquet of Gridiron, honorary publications society, to be held at the Hotel Commander, tomorrow at 6:30 P.M.

Mr. Marple, as editor of "Monsanto" magazine, the newsorgan of the Monsanto Chemical Company, will discuss the need in industry today of technical men with journalistic tendencies to handle publicity and reporting in the industrial publications published by many of the large engineering firms.

T.E.N. Cup Winner Announced

The winner of the T.E.N. Cup will be announced after Mr. Marple's talk. This award is presented yearly to the outstanding engineering magazine; last year to the Michigan Technic. The new officers of Gridiron elected for next year will be announced and will receive keys.

Cash awards totalling \$50.00 will be given to the winners of the annual Gridiron contest for the outstanding articles published by the four publications during the preceding year. Last year first prize was awarded to A. Carleton Jealous, '42, for an article appearing in T.E.N. on "petroleum cracking".

Tickets for the affair are priced at \$2.50. Dress will be dinner jackets.

Chem Engineers To Hold Banquet

Professors Robinson And Clark Will Speak Following Elections

With two Institute Professors as speakers the annual elections banquet of the Technology student chapter of the American Institute of Chemical Engineers will be held tomorrow evening. Limited to members, the meeting will get under way at 6:00 P.M., when dinner will be served in the Dutch Room of the Graduate House.

After the dinner, with John E. Stadig, '41, the president of the society, presiding, the speakers will address the gathering. Professor Charles E. Reed, of the Department of Chemical Engineering, will speak on "The Future of The Chemical Engineer," and Professor Clark S. Robinson, also of the Chemical Engineering Department, will discuss "The Chemical Engineer in Defense Industries."

At the beginning of the meeting the main business of the meeting will be transacted, when the nominations and elections of the officers for the coming year will be held.

Relief Bundles Being Solicited By Tech Group

To give Technology a chance to do its part in aiding Britain, an Institute branch of "Bundles For Britain" has sprung almost spontaneously in our midst. Entirely student managed the group will swing into action at the beginning of this week.

Students are being asked to contribute any wearable clothes for which they have no further use. This clothing will be taken to the Boston branch of "B for B" and subsequently shipped to England. All of it will be used for civilian relief work in the bombed areas of the British Isles. It is not for military use.

Starting today the residents of the dormitories will be solicited by mail. For their convenience the hall porters will take the clothing to the dormitory office. The T.C.A. will also have a box in their office, although they are not sponsoring the movement. House representatives will be chosen to handle the campaign in the fraternities.

The sponsors of the Technology group, A. Frederic Gallatin, '44, and Roger G. Blum, '41, started working in this attempt unknown to each other, but soon collaborated to produce the present program.

Harvard Crew Retains Compton Cup; Beats Tigers, Beavers Here

Official Notices

On May 12 Invitations and Announcements for the Graduation Exercises and Tickets for the Baccalaureate Service will be available at the Information Office, Room 7-111. Each candidate is entitled to five invitations. Any number of announcements may be secured by paying two cents or three cents for each stamped envelope.

The notices regarding recommendations for degrees will be mailed to the term address of candidates, unless the Secretary of the Faculty is notified otherwise on or before June 4.

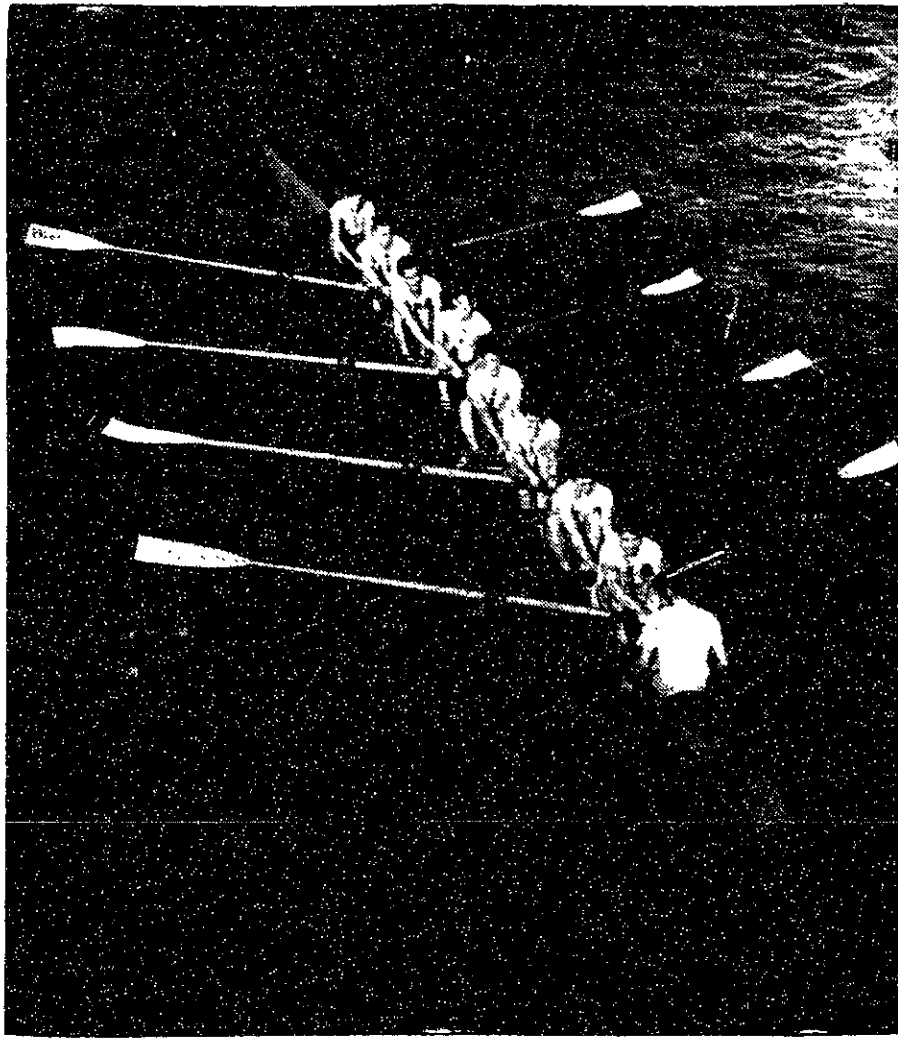
"The Approved List of Student Tutors in first and second-year subjects is now being compiled for the academic year 1941-42. Application forms should be filled out at the Office of the Dean of Students, Room 3-108, within the next two weeks."

Glee Club Sings With Lasell Girls Friday Evening

The M.I.T. Glee Club will travel to Auburndale next Friday evening, May 9, for its first concert of the year with the Orphean Club of Lasell Junior College.

The program for the evening has been scheduled to include: *Now Thank We All Our God* from the closing numbers of Bach's Church Cantata No. 79, which is being presented by the singers of both clubs. The M.I.T. Glee Club will sing *Der Jaeger Aus Kurpfalz*, a German Folksong by Othegraven. The Lasell Orphean club is to sing *In May* by Horatio Parker, while the combined clubs will sing *The Foolish Lover Squanders* by Handel.

BEAVER EIGHT PULLING FOR THE LINE



Beaver oarsmen snapped as they passed through the arches of the Harvard Bridge, last Saturday, in the races preceding the unsuccessful varsity stab at the much-desired Compton trophy.

Crimson Fifties Drop Close Race To Tech; Frosh Heavies Repeat Rowe Cup Victory

Harvard's varsity eight returned victorious to their boathouse up Charles River last Saturday evening after having stopped by at the Tech float to pick up the Compton Cup once again, following a successful race in which they had left the Princeton shell a length, and the Beaver crew three lengths behind them at the finish.

Rowing throughout in calm water and watched by hundreds from the Cambridge bank, two of the five Beaver crews that participated in the Regatta, the frosh varsity and 150 varsity, romped by the finish line near the Union Boat Club and the Lever Bros. Building, victors in their events.

Frosh Win Again

With his boat riding beautifully and smoothly, frosh captain Bob Fleming took his shell past the Princeton and Crimson squads at the Sailing Pavilion to finish a length and a quarter ahead of Harvard. The Tiger cubs had approximately a good two lengths between them and the victors. This is the second time that McMillin's men
(Continued on Page 3)

Statler Hired For Senior Ball

Class Of '41 Picks Imperial Ballroom, Breaking Tradition

Breaking an age-old tradition, the Senior Ball will be held in the Imperial Ballroom of the Hotel Statler for the first time in Institute History this year. Never before has such a large space been secured for this event. Robert S. Williams, chairman of the committee, stated last night. Negotiations for a name band are nearly completed, and it is expected that the contract will be signed in the very near future.

Blanket redemptions for all Senior Week activities are now on sale in the Main Lobby, as are tickets to individual events. Unless the redemptions are taken up for \$8 by Friday of this week, the holders will forfeit their options, it was stated. The sales desk is open from 11 A.M. to 2 P.M. daily.

Senior Week Events

Senior Week events with admission charges are the Senior stag banquet,
(Continued on Page 4)

Mr. Jackman Will Speak At Hobby Shop Meeting

Mr. Jackman of the Technology Portrait studios will speak on color photography at the final meeting of the M.I.T. Hobby Shop which will be held at 5:15 P.M., Wednesday, May 7, in Room 3-017. Following the talk there will be a business meeting at which journeymen will be elected and pending business will be taken care of.

Mr. Jackman, whose work in color photography was recently on display in the Main Lobby of Building 10, will talk on a new technique in color photography. This new method involves the use of stroboscopic lights by which glassy stares on the model's face are eliminated.

The Tech

Vol. LXI Tuesday, May 6, 1941 No. 24

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Night Editor: Soli D. Dubash, Jr., '44.

ATTENTION! FROSH

Whole-hearted support of class activities is the mark of the well balanced group. Any man who has learned to support his class will certainly find it easy to be loyal to his country and his employer after Technology days.

How does our present crop of freshmen stand up to this criterion? Two months ago they were clamoring for a class dance—their own class dance. Have they continued this support of their activities? Are they coming out for their Promenade this Friday night? We don't have to answer these questions here. Look at the results of field day; look at the ticket sales for the Prom.

Obviously, one cannot expect all the freshmen to be at Longwood Towers Friday night — but for those who could support their class undertaking, and who are now not planning to do so, we present these Forty-Four Facts:

Field Day—Ignominious defeat by Sophs.
 Class Election—Only 50% of Class turned out at Polls.

Frosh Prom—? ? ? ? ?

Will these question marks turn into dollar signs or pleas to the Institute Committee for funds to finance a fiasco? Only the boys of 1944 can answer that. Do they want another black mark checked against their record? It's up to you, frosh. You ordered this dance. Are you going to refuse delivery.

MARTYRS TO WORLD PROGRESS

The following editorial was sent in to us by one of our readers as an interesting comment on engineers and engineering by a non-engineer. It was published recently in the Chicago Daily Tribune.

President Henry T. Heald of Illinois Institute of Technology said at a recent luncheon that while American industry will need nearly 50,000 engineering graduates in the next year, the engineering colleges of the country will graduate only 12,000 students.

The disproportion of demand and supply, it is to be judged from President Heald's remarks, is somewhat greater at the moment than over a run of years because of the demands of the defense program, but his report serves to emphasize the predominance of the engineer and technician in the modern world. That world is largely of their building, and yet the average graduate of a college course in engineering is less well prepared to understand it than almost any of his baccalaureate comrades.

This, of course, may be only the voice of jealousy speaking. The typewriter pounders, brief writers, ledger keepers, and all of the other people who live in a world of paper, books, and ideas are the real illiterates today.

They live in a world of technology, yet for the most part they have but the faintest idea of how the machines that serve them work.

Yet the machines are made, run, sold, and on occasion destroyed by people, and there are a great many experiences, actions, and aspirations of the human race that cannot be measured or explained by logarithms or the calculus. It is here that the collegiate training of engineers leaves its blind spot, in the almost total elimination of nontechnical subjects from the curriculum.

The trouble lies in the fact that the sum of the world's technical and scientific knowledge has so expanded in the present century that it is impossible to crowd more than a smattering of it into four years of study. As an example medical training, counting the premedical course and internship, now takes nine or ten years.

The engineering colleges have generally stuck to the four year course, and have been enabled to do so only by greatly subdividing the fields in which they give instruction. The specialization has got almost to the point where a superbly trained electrical engineer can't adjust the draft on the coal stoker in his home, a mechanical engineer able to figure combustion problems down to five decimal places can't fix the motor in his wife's vacuum cleaner, and both are as innocent of poetry and political science as on the day they left high school.

The engineering student is already the hardest worked undergraduate on any university campus. If he is to get any respectable degree of instruction in the liberal arts and sciences it is obvious that he will have either to study less technical courses or to spend more years at college. The latter course has been suggested. An objection to it is the increased expense, in time and money, to the student.

When he took office as president of the University of Illinois, Dr. A. C. Willard, a distinguished mechanical engineer, made some critical remarks on empirical courses of instruction. College trained newspapermen, who as a class are dubious of the value of most courses in journalism, would indorse Dr. Willard's suspicions so far as they apply to preparation for their profession. It is possible that practicing engineers can point out a number of soft spots in the engineering curriculum, in which time is being spent on empirical instruction that might better be had when the engineer goes to work.

ELECTIONS

The Tech wishes to announce the election of Orvis B. Hartman, '43, as Associate Advertising Manager for Volume LXI.

THE READER SPEAKS

The Ex-Colonel Speaks

Editor, The Tech
 Dear Sir:

Although I am not a past contributor to The Tech, I felt that the enclosed article might prove to be publishable and of general interest to the readers.

Above the swarm of national events of recent date, one striking human interest story made itself heard. It was the story of a boy who had ideas. The first idea was a solo flight from New York to Paris—an idea that was popularly labeled as, "obviously fantastic". But the boy carried the idea to a successful completion and rose to international acclaim overnight—became a colonel in our air force.

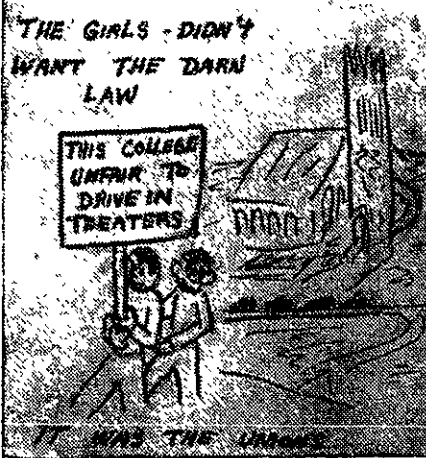
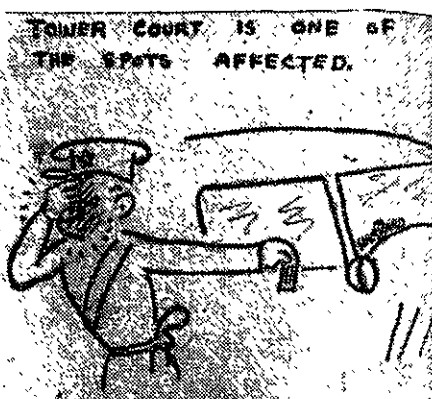
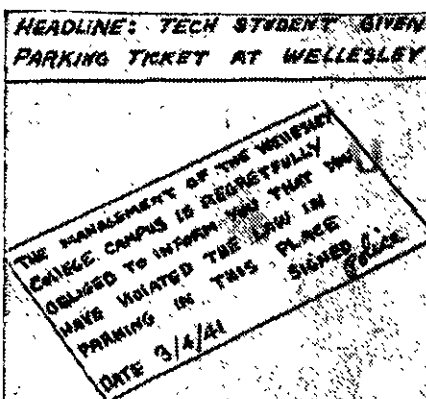
Years passed, and today the man expresses ideas he has about politics. They are popularly labeled as, "incredible". The President of the United States disagrees with the man's political views and deplores that such an ill-informed person could enjoy a large audience. The man resigns his commission and leaves the scene.

How natural it is to say: "I never did agree with that fellow anyway; I think the President did the right thing." But is there not some subtle, more important fact behind the superficial events. The President has established a precedent. Although established by an action that, in itself, meets popular approval, the precedent will live long after the flurry of the moment is forgotten. Thus, the importance of the precedent far outweighs that of any personality involved. Does not this imply that in the future a man who enjoys a large audience must express opinions in accord with the administration to survive? Would not the future political scene be more peaceful if the men subordinate to the President could express themselves freely and fearlessly—some good ideas might appear that would otherwise be lost or only be felt through something more drastic than mere speech.

Sincerely yours,

J. Christy Conner, Jr., G.

LOVE'S LABOR LOST



For Boys To Play

by Stewart Rowe and Joseph Tankoos

¶ With examination time coming ominously closer and closer as the week-ends fall from a thinning calendar Technology social life continues with undiminished fervor, but in a more and more informal vein compatible with the pleasantly warm weather.

¶ The D. U.'s put over their annual summer formal affair last Friday night on the very popular roof of the Hotel Brunswick. Stan Brown and his orchestra were there on the musical side for a good part of the evening—until closing time—and our "Visit and Report on Dances" Committee confides that it was very well done all around. Of course there's no doubt that the presence of a large contingent of entertainment engineers did much to add to the levity of the proceedings.

Big, gay fun groups were the order of the evening Friday as the Student House and the Chi Pi's went to town in a happy way. Housing one of the largest "cells" of Course XXV men the Chi Pi affair was understood before hand to be one of those things that one just doesn't miss.

Future developments, as of Saturday, proved that such party prognostications were well founded. With a reputation of several years to live up to, the "Bohemian" did a notable job. One of the major attractions was the interior decoration job of very interesting murals. The latent art talent in the C. P. Lodge came out with some very striking manifestations of Technology interpretations of life in places like New York's Greenwich Village.

¶ Taking a bit of advice from "Commissar of Clothing" (sweaters) Willie Hays, the lads at the Student House put on a "Sweater Dance"—and not the new 1941 Hays Office models either. Our Plaudits Department takes

off its hat to the Bay State Road students for their initiative in adapting current events to brighten up the mold of Institute fun life. It goes to prove that all the intellect spread about these Memorial Drive shores can be sometimes put to good use on the side of more carefree living.

¶ The page on our calendar which the printer marked May 7 is very much filled with "functional" data. First of all there is the annual Gridiron Banquet for the literary lads of Technology. Notably one of the best of this type of affair, the Gridiron has this year forsaken the Parker House for Cambridge's Hotel Commander. From our experiences of last year it is with deep glee that we look forward to Wednesday night.

¶ Among other things on the docket for that night is the annual Agend Banquet for initiates. The honorary dormitory society annually puts on quite an affair for its new members. Scene of this year's orgy—that's short for organization—is the Sun Room of the Hotel Brunswick. At the same time the A. I. Ch. E. Technology chapter is holding its annual election banquet in the Graduate House Dining Room.

¶ Word reaches us that the Bundles for Britain people are awarding D. K. O. citations for men knitters. D. K. O. is Bundles for Britainese for Distinguished Knitting Order. It rather inspires us to cut a few lads and knit the battle for democracy.

In a lighter vein is the announcement that Ringling Brothers circus opens tonight at the Boston Garden after a long stay in The City—i. e. New York. Although peanuts and elephants no longer make us very excited we pass the information on to you who are interested.

Summer Session

(Continued from Page 1)

principles of textile analysis; food technology; principles, techniques, legislation, and administration of city planning; public health, school health, and health education; and public health engineering. There will also be special conferences on the photoelasticity, powder metallurgy, and vibrations.

Spectroscopy Conference

The three day summer conference on spectroscopy and its applications will be held from July 21 to July 23. The courses in spectroscopy, including practical and applied spectroscopy, and quantitative spectroscopic analysis, will be given between June 16 and July 25. These courses deal with the design of spectroscopic apparatus and their application to the various fields of science and industry. Professor George R. Harrison, of the Department of Physics, is in charge of these courses.

Beginning July 28, the course on the principles of textile analysis will be given under the direction of Professor Edward R. Schwarz, of the Department of Mechanical Engineering. This

course will cover textile analysis as applied to fabric, yarn and fiber structure.

Food Technology Program

The program in food technology, to be given between June 30 and July 15, will be under the direction of Professor Richard E. Proctor, of the Department of Biology and Public Health. This course is intended to cover the manufacture, processing, transportation, packaging, and laboratory control of food products, and selected phases of the various food industries.

The program on city planning, sponsored by the School of Architecture and the American Planning and Civic Association, is to be directed by Professor Frederick J. Adams, of the Department of Architecture. The course will consider the objects, scope, problems, procedures, administration and legal aspects of city planning and zoning.

Public Health Course

The course in public health directed by Professor Clair E. Turner of the Department of Biology and Public Health, will cover pathology, health education, personal hygiene, and applied nutrition.

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ory Goes 150 Crew Second Dash ees Lose Out Both Harvard Princeton

(Continued from Page 1)

in this season's two regattas
Harvard. On both occasions
e been victorious with more
boatlength separating the two

her event won by an Engiseer
s the contest between the var-
0-pound crews. Manning's
were two-tenths of a second
the Cantab lightweights, the
argin by which they lost their
the Rowe Cup Races run on
April 28. Cornell, the other
or, was third with two and a
ngths separating it and the

Harvard Jayvees Conquer

g from the very start, the
jayvees settled down to a
oke and finally ended the mile
ree-quarters by a two boat
space between it and Prince-
chnology was half a length
the Tiger jayvee shell.

e Compton Cup Classics be-
the varsity crews, the Cantabs,
om last week's victory, the
victors over Navy and Rut-
nd Moch's boys were almost
or the first half mile. Here
nson began to pull away so un-
oly that it was only a quarter
length ahead of the others.

the mile mark the Engineers
ck half a length behind the
showing the first signs of
. At the mile and a quarter,
n stroke Wagner led his men
om the other crews taking the
to 33. Challinor at seven took
d passed it down the slides, so
e Cantabs shot past the mile
half leading the procession.
d had a length lead over the
eight who were the same dis-
n front of the Beaver shell.
e Cardinal and Grey shell fell
till further as one of its crew
a half crab.

the finish the Crimson were vic-
y a little over a length over
on, which was over a length
half ahead of the Moch boat.
nning frosh crew's time for the
d three-quarters run was a fifth
second faster than the varsity's,
9:38.2.

crews leave next week for an
ontest on Lake Carnegie, the
home waters, where they will
with the Columbia Lions.
victorious over Navy and
with boats from Penn who were
ly defeated by Rutgers and
bia, and with Princeton who
ontested for the Compton Cup
fter besting Rutgers and Navy.

W. Sheetz, '42, ted Squash Captain

W. Sheetz, '42, was elected
n of next year's varsity squash
when the squad held its annual
et. This banquet, after having
ostponed several times was held
Wednesday evening in the Gradu-
ouse.

ture event of the banquet was
ward of the cups to the winners
e various squash tournaments
during the last two weeks. Mr.
on, donor of the Emerson cup,
ally presented this cup to Louis
use, Jr., '42, winner of the var-
ournament. Other awards were
ated to Phil Freeman, who was
in the varsity tournament;
es Shaw, winner of the J. V.
ament; and Marshall Rosenberg,
r of the freshman tournament.

TO SHAPE DESTINIES OF BOOTERS



Staff Photo
Captain Bob Fay and Coach John F. Craig, newly-appointed leaders of the soccer squad, photographed as they supervised a recent practice of the booters. Craig, who succeeds Malcolm Goldie as mentor, comes to his new post from Watertown High.

Phi Gam's Triumph In Annual Tourney For Track Supremacy

**Winners Score 37.5
DU's Second With 16.7,
Phi Kappa Sigma, 15.5,
Bemis Trails With 7**

Winners of the Beaver Key track meet this Sunday were the Fijis, with 37.5 points who took second last year by half a point. Second of the fourteen teams competing were the D.U.'s, with 16.7 points, and third was Phi Kappa Sigma, with 15.5 points. Fourth place went to Beta Theta Phi with 11.7, and fifth to Bemis Hall in the dorms with 7.0. Fourteen teams took part in the tournament.

Phi Gamma Delta took first place in the shot put, broad jump, high jump, and medley relay, and second in the 880-yard relay and shot put, and third in the high jump and 100-yard dash. In the potato race, however, they came in fourth. This latter event was won by the Dekes, who failed to place in any other event.

DU Is Second

In second place, Delta Upsilon took first in the 880-yard relay; thirds in shotput, broadjump, and medley relay; and fourth in the shotput. Last year's winner, Phi Kappa Sigma, who defeated the Fijis by one-half point, came in third this year with seconds in broadjump, potato race, 100-yard dash and medley relay.

Winning the shot put was Hooper of Phi Gamma Delta, who heaved the 16 pounder 44'9.25". Also of the Fijis were Hass, who went 19'2" to win the broadjump, and McClelland, who topped 5'3" to take the high jump.

Storrs, Bishop Win

Storrs of Beta Theta Phi clipped off the 100 in 11 seconds flat, and Bishop of the Dekes won the potato race in 2:38.4.

Racqueteers Vie With Worcester

The varsity tennis team was unable to play against Dartmouth last Friday because of the weather, but will meet Worcester Tech tomorrow.

The lineup will be chosen from the following men: Captain Phil Freeman, Howie Samuels, Dave Herron, Maurice Katz, Frank Phillips, George Spies, Art Mestier, Louis Stouse, Barry, John Gunther, and Jacques Shaw.

Frosh Are Whitewashed

The freshman tennis team was whitewashed by a strong Exeter team last Saturday to the tune of 9 to 0. Participating in the match were: Nelson, Heyser, Faurot, Stanley, Meier, and Benedict.

Tomorrow the frosh will try to stage a comeback in a match with Newton High School. So far this season the frosh have lost two games and won one; thus they must win this game to even out their series.

Tech Is Eighth In Coast Guard Trophy Regatta

**Dartmouth Wins
With Lucky Breeze;
Williams Is Second**

Sailing in eighth for M.I.T. at the U. S. Coast Guard Academy this weekend were dinghymen Maurice Evans and Hans Aschaffenburg in the A division and Ed Owen, John Kraus, and Tom Crowley in the B division. Dartmouth won the Coast Guard Alumni Bowl for the coming year by defeating Williams 145 to 144.

Emil Mosbacher, Jr., Dartmouth B division skipper, brought home the victory by passing up David S. Maclay of Williams in the last race. The two skippers began at opposite ends of the starting line, and a lucky breeze caught Mosbacher's sail. The boats down the line did not get it however, and as a result, Mosbacher took first in the race, and Maclay third.

Championship Regatta

Coming next weekend is the Annual Dinghy Championship Regatta, in which members of the I.C.Y.R.A. will compete for the Henry A. Morss Memorial Trophy in the Charles River Basin. As prizes, gold watch charms will be awarded to the high point crew and winning skipper.

Jerry Coe and Dick Knapp are expected to be sailing again for Tech in this regatta.

Varsity Stickmen Lose To Ephmen

Snowed under in mid-spring, the varsity lacrosse team succumbed to the Ephmen from Williams by the score of seven to one. Playing on Briggs Field last Saturday, May 3, Coach Maddux's men were handicapped throughout the game by frequent penalties, which were used to good advantage by Williams.

The Tech line-up was (G) Hooper, (Pt.) Given, (C.P.) Fenten, (1st D.) Dunwoody, (2nd D.) Evans, (C) Sibley, (2nd A.) Hill, (1st A.) Gander, (O. H.) Leader, and (I. H.) Karstrom. For Tech the lone tally was made by Leader while Holden, Renzi, Morgan, Mears, and Richards scored for Williams. The next varsity game will be against Springfield College Saturday, May 10, at Springfield, Mass.

Freshmen Hit Stride Again

After dropping a heart-breaker to Harvard last Wednesday by the narrow margin of two goals, the freshmen lacrosse team returned to their old form and soundly trounced Lawrence Academy Saturday to the tune of 14 to 5. Captain Heckel scored 5 goals giving him high-scoring honors for the team. Cahoon, Kennelly, Schnell, Jevon, Gillen, Benjamin, and Grant also tallied.

Tracksters Trample Bates Saturday 86-49 Sweeping Four Events

Boys Club Nips Tech Ball Tea

**Beaver Nine Loses
10 To 5 As Beaupre
Has One Bad Inning**

One bad inning spoiled the Tech Independents' chances in their baseball game with the Boston Boys' Club last Saturday afternoon on Coop Field. The home team lost by 10 to 5. Six of the visitors' runs were scored in the second inning on only two hits.

Playing Coach and Captain Ed Beaupre ruined an otherwise fine exhibition of pitching by losing control in the second and walking four men. These, with the aid of two wild pitches and an error, allowed the South Boston fellows to put the game on ice. The Boys' Club composed almost entirely of ex-high school stars picked up single runs in the first and third plus two in the sixth.

Five For Beaupremen

Johnny King, B. C. frosh, held the Beavers to a single run in the fourth on successive singles by Beaupre and Ray Foster until the Independents found their batting eyes in the last of the ninth. Four runs crossed the plate with the aid of doubles by Foster, Edmonds, and Kusch. It was Al Kusch's third hit of the afternoon.

Despite his temporary fit of wildness, Beaupre managed to strike out nine. Next Saturday the Tech team meets Assumption College at Worcester.

Boxscore	AB	R	H	O	A	E
Sadler, 2B	5	1	1	3	1	0
Marakas, 1B	4	1	2	4	0	0
Kusch, SS	5	0	3	1	0	0
Schaefer, RF	5	0	0	2	0	0
Beaupre, P	3	1	1	0	2	1
Foster, LF	4	1	2	1	1	0
Edmonds, 3B	4	1	2	2	0	1
Morrison, CF	4	0	0	5	0	0
Welch, C	1	0	0	0	0	0
Christison, C	2	0	0	9	0	0

Beavers Swamp W. P. I. Golfers

**Varsity To Vie
With B. U. Thursday,
Frosh Down Harvard**

Playing under adverse weather conditions the varsity golfers won a decisive victory over Worcester Polytechnic Institute at Worcester last Friday by a score of 5½ to ½.

Arthur Avent, Chris Peek, and George Urquhart all took their matches, while Gene Morrison was only able to halve his match. Two twosomes made up of Peek and Avent, and Urquhart and Morrison won best-ball matches. The varsity will endeavor to snatch their second win of the season by pitting a strong six man team against B. U. this Thursday at the Oakley Country Club. The probable lineup is: Arthur Avent, Chris Peek, George Urquhart, Gene Morrison, Doug Scott, and Everett Graham.

Frosh Down Crimson

The frosh were also successful in their opener against the Harvard '44ers at the Belmont Country Club last Friday, ekeing out a victory by the slim margin of 5 to 4.

Matches were played in pairs with Bob Plachta and Francis Carey, and Dick Bettes and Bob Breck winning their matches by the score of 2 to 1, and with Russell Gwillim and Bill Buzzard accounting for a 2 to 1 loss. The frosh will play their second match of the season against Nichols Junior College tomorrow.

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OPEN EVENINGS

Tech Takes All Points In The Pole Vault, Javelin, High Hurdles And Hammer Contest

Sweeping four events for all three places, the Beaver tracksters downed the Bates boys at Lewiston, Maine, last Saturday, to the tune of 86-49.

The Briggs Fielders took all the points in the pole vault, javelin, high hurdles, and hammer throw. The winners of the pole vault were Bruce Horst, first; Gregory Azarian, second; Walter Eberhard, third.

Koss, Jester, Meier Win

Irving Koss, first; Jack Sexton, second; Dick Van Voorhees, third was the result of the javelin throw. Winning the 120-yard high hurdles were Lew Jester, first; Charley Coles, second; Larry Stewart, third. White-washing the Bates hammer throwers were John Meier, throwing farthest, Stan Van Greenby second, and Karl Baresel, third.

The broad jump was won by Bates, but Al Booth and Bob Ford of Tech took second and third places respectively. In the high jump Charley Coles took first place with Jack Nagle tying for second with a Bates jumper. Rudy Hensel copped both the 100 and 220 dashes with George Clark coming in third in the 100 and Bob McBride, third in the 220.

Drop Quarter Mile

The quarter and the mile were both won by Bates, however. Bob McBride came in second in the 440; with Bob Miller and Larry Turnock copping second and third in the mile. The only Tech man placing the shot put event was John Nagle, who took third. Malcolm McGregor and Stan Backer scored three and one points for Tech respectively in the two mile.

'44 Squad To Compete

Meeting a bitter 69½ to 56½ defeat at the hands of Moses Brown last Friday the frosh tracksters hope to redeem themselves against the Jumbo cubs tomorrow at 4:00 P.M. on Briggs Field.

In 1940 the Tech yearlings nipped the Medford boys 46½ to 36½. In indoor track three months ago the '44ers again downed Tufts, 43½ to 37½, thereby giving favorable prospects for the coming meet.

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CALENDAR

TUESDAY, MAY 6, 1941

4:00 P.M. T.C.A. Marriage Lecture—Huntington Hall.
5:00 P.M. T.C.A. Marriage Lecture—Huntington Hall.
5:00 P.M. Propeller Club Dinner—Pritchett Hall.

WEDNESDAY, MAY 7, 1941

4:00 P.M. Course XVII Movies—Room 6-120.
4:30 P.M. Freshman Track vs. Tufts Frosh—Coop Field.
4:30 P.M. Varsity Tennis vs. Worcester Tech—Coop Field.
5:15 P.M. Hobby Shop Meeting—Tech Portrait Studio.
6:00 P.M. A.I.Ch.E. Elections Banquet—Dutch Room of Grad. House.
6:30 P.M. Agenda Banquet—Hotel Brunswick.
6:30 P.M. Gridiron Banquet—Hotel Commander.

THURSDAY, MAY 8, 1941

4:00 P.M. Civil Engineering Thesis Seminar—Room 1-390.
5:00 P.M. Institute Committee Meeting—Litchfield Lounge.

Frosh Prom

(Continued from Page 1)

prom is destined to be a social success, but state that ticket sales are important now. Preparations are complete for the dance, and only the ticket sales remain to trouble the enthusiastic promoters. Americo F. Almeida, Jr., '44, is in charge of ticket distribution for dormitory students, while James Woodburn, Jr., is in charge of ticket sales among fraternity men. Every freshman representative should have tickets for sale until noon Thursday, and meanwhile a concentrated sales effort is being made in the Main Lobby.

Senior Week Events

(Continued from Page 1)

\$2; the Tech Pops Night, \$1.50 per person; the Tea Dance, \$1.00 a couple; and the Senior Ball, which is a dinner-dance, \$9.00 a couple. The banquet is on Friday, June 6; the Pops night, on June 7; the Tea Dance, on June 9; and the Senior Ball, on the evening of Commencement, June 10.

The blanket redemptions cover all these events and have tickets for two people to the Pops. Additional tickets to the latter event, to which it is customary to bring parents and guests, may be secured at the desk in the Main Lobby.

Activities

A.I.E.E. Elections

John E. Uhlmann, '42, was elected chairman of the M.I.T. student branch of the American Institute of Electrical Engineers for the 1941-1942 year at a meeting held last Wednesday.

Other officers will be Wendell E. Phillips, Jr., '42, vice-chairman, Stanley N. Golembe, '42, treasurer, and George J. Schwartz, '42, secretary. All are in Course VI.

Civil Engineers

Theses written by members of the Class of 1941 for degrees in the department of Civil Engineering are to be discussed by their authors at a seminar which is scheduled to be held at 4:00 P.M., Thursday, May 8, in Room 1-390. Anyone interested in the subjects to be discussed is invited to attend.

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Bacteria Lecture Given Yesterday

Dr. E. Newton Harvey delivered a lecture on Bioluminescence at 3:00 P.M. Monday, May 5, in Room 4-370 for the final meeting of the graduate seminar of the Biology Department. Dr. Harvey, who is recognized as an outstanding authority on the subject of luminescence in organisms, is a member of the faculty of Princeton University and is here as a visiting lecturer in the Department of Biology and Public Health. He is also the famed author of *Living Lights*.

Bacteria and the organism *Cyprina* were described as two general sources of Bioluminescence. In the latter the light is produced by a chemical reaction between secreted fluids, while the former depends upon a colony of light-giving bacteria.

Mr. Henry Kane Clarifies Student Deferment Plan

To clear confusion regarding the form cards sent to the students with President Compton's letter dealing with deferment of Institute students, Mr. Henry B. Kane, Director of the Alumni Fund, in charge of the deferments, announced last night that they are to be filled only by those students registered for the draft at present, and returned to the Registrar's Office, Room 3-107.

They were sent to the other students for informational purposes only. Mr. Kane stressed that deferments will still be made on individual considerations as provided for by the law.

Compton's Talk

(Continued from Page 1)

of this defense training program, Dr. Compton outlined the cooperative program which is being organized under the United States Office of Education. "M.I.T. itself is offering fifteen special courses and by summer's end over seven hundred students will have completed the courses," he stated.

Subjects Without Charge

Pointing out that all the courses are given without charge to students, President Compton mentioned that such courses as Naval Construction and Naval Engineering are given at the request of and in cooperation with the Navy Department, while the Army



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