



## Sr. Week Will Begin April 24; Options On Sale

**Barn Dance Replaces Tech Night At Pops; Options Cost \$4.35**

The new Senior Week Program has been announced by S. Young Tyree, Chairman of the Senior Week Committee. Because of the early graduation this year, the program, which was originally scheduled for the latter part of May, is to begin on April 24.

The program opens with a Barn Dance on the night of Friday, April 24. This takes the place of "Tech Night at the Pops," which was a feature of Senior Week in past years. On Saturday afternoon, Class Day and Alumni Day exercises will be held, followed by a Tea Dance in the late afternoon. Baccalaureate services are scheduled for Sunday morning, and are to be followed by a Stag Banquet in the evening. Monday morning brings Graduation at Symphony Hall. Doctor Compton's Reception will be held on Monday afternoon, and the Senior Ball at the Statler Hotel is to top off the activities on Monday evening.

Options can now be obtained from members of the Senior Week Committee, at \$4.35. Redemptions will be either \$9 or \$10. This late sale is largely for the benefit of members of the cooperative courses, who were unable to take advantage of the earlier sale.

It was reported that Seniors in the R.O.T.C. Course would be commissioned on April 18 and would be called to active duty on April 28. The Department of Military Science recently announced that commissions may not be awarded until April 28, in which case all Seniors will have plenty of time to attend Senior Week exercises. If the R.O.T.C. men are called before May 2, the option price is to be refunded to them.

## Inst. Comm. Approves New Prom Budget

**5:15, Musical Clubs' Election Accepted At Last Meeting**

An amended Junior Prom Budget, listed as \$2,985.20, was approved at last night's meeting of the Institute Committee after having been submitted by S. Richard Childerhose, '43, chairman of the Prom Committee. The only other business attended to at this meeting was the approval of various elections held during the past weeks.

Among the organizations whose elections of officers for the coming year were approved were the Combined Musical Clubs, and the Five-Fifteen Club.

(Continued on Page 4)

## Students Are Warned Today Is Friday 13—Oh!

The Tech warns all Institute students, superstitious or otherwise, that today is Friday **The Thirteenth**, that fateful day when all ladders, black cats, and strange women are to be studiously avoided.

While The Tech does not advocate spending the day in bed (many serious accidents occur in the home), it respectfully suggests that all fraternity pledges travel in pairs, and "Beware of Sophs bearing paddles."

### GENERAL MANAGER



Raymond E. Hahn, '43, who has been elected new head of the combined musical clubs.

### COMMUTER HEAD



Waldo F. Davis, Jr., '43 Elected Proxy of 5:15

Waldo F. Davis, Jr., '43, of 54 Beltran Street, Malden, Mass., was elected to the presidency of the Five-Fifteen Club in the recent club election, it was announced last night at the Institute Committee meeting. Davis is a student in Course XV, option 2.

Other officers of the Commuters' Club, also announced at this same time, are Robert W. Maxwell, '43, of Braintree, elected Vice-President; Christian J. Matthew, '43, of Lawrence, Secretary; and Jean C. Hartshorne, '43, of Wakefield, Treasurer.

These officers, elected during the past week, are the first Five-Fifteen rulers to be elected under the new elections system which was recently inaugurated in the Walker basement clubroom. Under this new system, much more democratic than the former Board of Directors'

(Continued on Page 4)

## Students Hear Plane Magnate

**Designer Tells Of Experiments With Unusual Aircraft**

Igor Sikorsky, noted airplane designer and manufacturer lectured on helicopters, the least familiar of aircraft types, yesterday afternoon at 4:00 P.M. in Room 3-370. Dealing mainly with the history of the various experiments with similar machines, Sikorsky held a question period following the movies which closed the lecture.

Mr. Sikorsky started the speech by telling that when airplanes were first being developed the designers thought that they would gradually take less and less space for landing fields. This, however, proved to be wrong, for as the planes became more highly developed they gradually speeded up, required a higher landing speed, thus required more space in which to land.

The idea of the helicopter is very simple, he explained, but the practical details which must be overcome complicate the design very much. The basic design is shown in the pictures by Leonardo de Vinci, the Italian scientist painter.

One of the principal troubles in  
(Continued on Page 4)

### Junior Prom Options Redeemable Feb. 24

In an effort to speed final arrangements for the Junior Prom week end, the committee has decided to advance the date for option redemptions from March 2 up until Tuesday, February 24. Redemptions for the options are three dollars and sixty cents, which completes payment for the entire ticket.

The new date replaces the old time printed on the options themselves.

## Body Resistance Battles Virus In Fight Against Common Cold

**Preventive Medicine—Prevention, Care of Colds**

It was winter and Old Man Resistance was having a particularly tough time with Coldbug, one of the most pesky of his charges. Coldbug, the common-cold virus, which in most cases is always in one's throat, was continually on the watch for the times when Resistance felt weak and below par. Then it would overcome him, infect the body and develop colds.

Now Old Man Resistance's doctor had told him what to do regularly, particularly in wintertime, in order

## Prom Committee Gives Early Buyers Chance To Win Option Refund

**New Registration Will Be On Coming Sunday**

All members of the Institute who were 20 years old before December 31, 1941, and who will not have reached their 45th birthday by February 16, are once again reminded that they must register for Selective Service on Sunday February 16, or Monday February 17. This does not apply to those who are already registered in the 21 to 36 age group. The places at which one may register are listed in the February 10 issue of The Tech.

### I. F. C. Decides On Punch Parties

**Six Fraternities Will Act As Genial Hosts Over Prom Week-End**

At a meeting last night, the Interfraternity Conference, decided to hold punch parties at six fraternity houses on Saturday afternoon of the Junior Prom week end. They will be held at the Delta Kappa Epsilon house, the Delta Psi house, the Delta Upsilon house, the Chi Phi house, the Sigma Alpha Epsilon house, and the Phi Gamma Delta house.

The expense of the parties is planned to be split evenly between the Junior Prom Committee and the I.F.C. treasury. This decision is pending approval of the Junior Prom Committee.

The conference also elected Maurice E. Taylor, '42 of the Lambda Chi Alpha house as a new member of the executive committee of the organization.

### Public Drawing Will Be Held Next Week To Select Winner; Party Plans Proceed

"Some lucky person is going to be the winner of a refund on his prom option next week," said S. Richard Childerhose, '43, of the Junior Prom committee. He explained that there was to be a drawing during the latter part of next week, and the person whose option number was drawn was to receive a refund.

He explained that this was being done in order to induce students to get their tickets early. This would enable the prom committee to know what the attendance will be and to make all necessary table arrangements at an early date.

The options are now on sale in the lobby of building 10. These sales will be continued for the rest of this week and on into next.

Childerhose laid emphasis on the big prom week-end. He announced that arrangements with the I.F.C. for cocktail parties at some of the fraternities were well on the road to completion.

In addition he said that the dormitory committee was going to hold a tea in the Burton room. This was to be followed by a buffet supper and dance. The dance will feature an out of town orchestra. According to Childerhose, the committee cannot at present reveal the name of this orchestra because negotiations were still under way. However, he said, when the name of this up-and-coming orchestra is announced, it will be greeted with much satisfaction. He added that in the event that negotiations with this particular band fell through, the prom committee would still get a good out-of-town outfit.

### Study Lecture Series To Begin

**Professor Magoun To Give First Talk Monday Afternoon**

Next Monday will mark the first of this year's lectures on "Study Helps", when at 2:00 P.M. in Room 1-390 Professor F. Alexander Magoun will deliver a discourse on how to plan one's study time. The series of lectures are sponsored by the student section of the Student-Faculty Committee, in the hope that it will aid the students of the Institute to gain the benefits of efficient study.

In order to make the lectures available to almost all students of the class of '45 the talks are to be given in two series; on Mondays, February 16, and 23, and March 2, 9, and 16 at 2:00 P.M., and on Thursdays; February 19, and 26, and March 5, 12, and 19. Both series are to be given in Room 1-390.

### Senior Rings To Be Available Feb. 16, 17

Senior rings may be obtained next Monday and Tuesday, February 16 and 17, in the Lobby of Building 10, according to an announcement made at last night's meeting of the Institute Committee by John E. Flipse, '42, Chairman of the Senior Week Committee.

Flipse also announced that the Alumni Council has requested Balfour's to accept no orders for rings from members of the Class of 1943 until after the class of 1942 has graduated.

## The Tech Exposes Hobby Shop Fraud Perpetual Motion Machine Unmasked

Your inquiring reporter has cleared up a little fraud which was almost perpetrated upon the innocent students at Technology. Three days ago, an unscrupulous group, mostly consisting of members of the notorious hobby-shop, placed an alleged "perpetual motion" machine in the lobby of Building 10. It is obvious from the start that this was a deliberate attempt to sabotage school spirit, demoralize the student body, and throw the scientific world into confusion.

The so-called "mystery machine" consisted of a small plastic wheel which was rotating at an exasperatingly slow rate between the poles of what looked like, and was—a circular magnet. The whole apparatus was transparent, and there

were apparently no wires connected to it. There was, however, a wire leading out of the back of the box in which the apparatus was enclosed. Certain people began to lose faith in the veracity of the hobby shop when they noticed that the motor seemed to "go on the blink" whenever this wire was disconnected from the wall plug. "Could it be," they asked, "that all was not what hobby-shop claimed it was?"

As it happened, all was not what the hobby shop claimed. A little bit of careful investigation disclosed that the "machine" was actually a toy based on an idea put forward by Thomas A. Edison as much as fifty years ago. It was demon-

(Continued on Page 4)

to stay strong enough to keep Coldbug under control. He was told to get at least 8 hours sleep per night (which does not include time spent in preparation for bed and in getting to sleep). This eight hours was to be a minimum and not a maximum as many people seem to think.

#### Drink Lots of Water

He should have a minimum water intake of 8 glasses daily, not including other fluid foods. This serves to flush out body waste adequately. He should have a nutritious diet and regular habits of eating and hygiene. He was told to participate in some exercise above his normal level of activity to give tone and blood stimulation to organs. Be the exercise only a daily walk, that walk should be taken briskly and with intentional exertion.

In addition an effort should be made to avoid sudden temperature changes, chills, and drafts, by proper clothing, etc. A temperature drop of only 30 to 40 degrees sustained even for a minute or two, as in a quick dash outside without a coat, is sufficient to lower body resistance enough to give a cold a chance to start.

#### Avoid Hot, Dry Rooms

Dry, hot rooms should be avoided because of the drying action on the skin and membranes of the

(Continued on Page 4)

# The Tech

Vol. LXII

Friday, February 13, 1942

No. 2

**Managing Board**  
 General Manager ..... John F. Tyrrell, '43  
 Editor ..... Harry Ottinger, Jr., '43  
 Managing Editor ..... Robert P. Richmond, '43  
 Business Manager ..... A. Donald Moll, '43  
 "Vu" Editor-in-Chief ..... Stewart Rowe, '43

**Associate Board**  
 Assistant Editors  
 Arthur F. Peterson, '44 Gardner H. Sloan, '44  
 Bernard Rabinowitz, '44 Paul Talalay, '44  
 Paul M. Robinson, '44 Martin E. Wunsch, '44  
 Gene Schnell, '44

**Business Associates**  
 Lamar Field, '44 Norman T. Knapp, '44 Mortimer W. Meyer, '44  
 James E. Gallivan, '44 Arnold Mackintosh, '44 Harry W. Turner, '44

**Offices of The Tech**  
 News and Editorial—Room 3, Walker Memorial, Cambridge, Mass. Telephone KIRKland 1882  
 Business—Room 301, Walker Telephone KIRKland 1881

## SUBSCRIPTION, \$1.50 Per Year

Published every Tuesday and Friday during College Year, except during College vacation.

Entered as Second Class Matter at the Boston Post Office

REPRESENTED FOR NATIONAL ADVERTISING BY  
**National Advertising Service, Inc.**  
 College Publishers Representative  
 420 MADISON AVE. NEW YORK, N. Y.  
 CHICAGO • BOSTON • LOS ANGELES • SAN FRANCISCO

**Associated Collegiate Press**  
 Distributor of  
**Collegiate Digest**

Night Editor: Jack L. Uretsky, '45.



Clear, concise, and very much to the point indeed, was the cryptic little statement the Lounger noticed neatly printed on the wall of one of the Institute's many men's rooms. Right by the wash stands it was, printed nice and black, "Please don't splash water on the floor—the janitor can't swim!"

### Standing Room Only

A peculiarity in the Institute class schedules, namely the scheduling of two sections of a subject for the same hour, produces an interesting result. Thus in the hallways between such classes there were tremendous crowds this week. Finally the more popular professors would march into class at the head of a large band of followers.

This phenomenon is infinitesimal among freshmen, scattered with Sophomores, and a regular disease with Juniors. One instructor noting a sixth man joining his group after the bell remarked, "Ah, a fan."

### Stop Hounding Me

With all the current effort to build up our national morale we feel that the customary action of the Institute at this time of year is particularly inappropriate. With all of the grades sent out to men below our "scholastic minimum" was a notice from the Alumni Fund to the effect that the students were honored to consider themselves alumni—would they please make a contribution. We say, "Never hit a man when he's down," or "All gall is divided into three parts."

## The Tech Elects Two Cartoonists

Robert S. Chang, '44, and Arthur F. Peterson, Jr., '44, were elected to the Junior Board of The Tech as Staff Cartoonists, at the first meeting of the Combined Boards of The Tech held last Wednesday. Chang and Peterson were elected to these positions in recognition of their work during the past year.

It was also decided at this meeting that, as usual, there would be a second term competition for freshman repertorial positions held in the News Department. This competition will start Monday, February 23, and is scheduled to last for ten weeks. At the end of this period the winners will be awarded prizes, and the runners up as well as the winners are to be elected to the staff of The Tech in the capacity of reporters.

Any freshmen interested in this competition, or in working in any other department of The Tech may apply at the Business Office, on the third floor of Walker Memorial, between 4 and 5 o'clock any day during the next two weeks.

## All Technique Pledges Fall Due Saturday

The general manager of the Technique, James Henry Henderson, '42, announced last night that all bursar's pledges for Techniques are due Monday. He also stated that all cooperative course students who have just returned to the Institute this term may obtain their books for \$4.00 until the close of business on Monday.

## The Tech Needs Men To Sell Coming Issues

The Tech is in need of salesmen to sell the paper between the hours of eleven A.M. and two P.M. in Walker Memorial every Tuesday and Friday of issue.

Anyone interested in making a little extra spending money should report to the Circulation Manager in The Tech Business Office, Room 301 in Walker.

## For Boys To Play

By Gene Schnell

... last night the 1942 edition of the "Ice Follies" opened at the Boston Garden with a show that was definitely a dash of night life that shouldn't be missed. We warned you of the event, and for those who didn't take the hint, the opening will probably surpass any of the following shows. Comedy was at a new high, and in the opinion of your columnist slapstick on ice, as done in the "Ice Follies," is hilarious fun. Skating for skating's sake only was also at its best, starring Bess Ehrhardt, Evelyn Chandler, Roy Shipstad and many others of ice fame. We'll reiterate; the show will be in town till Feb. 22, with matinee shows on Feb. 15, Feb. 21, and Feb. 22.

... the winter season of Tech dances hasn't hit its stride as yet, but there are two events coming up this Saturday night. The first formal affair of the term will take place at the Pi Lambda Phi Club to the tunes of Burt Edwards, popular local outfit. In the informal mood comes the third dormitory in-

formal record dance. The featured Arthur Murray exhibition will instruct those present in the wiles and wiggles of "La Conga." The discs start spinning at 8:00 P.M. in Pritchett Hall, Walker Memorial.

... it looks as if those on the outside have really been left out this time. With a week still to go, the Dormitory Dinner Dance Committee reports a complete sellout, which is record sales time for any big dance. With Walker decorated in cabaret style, the dance seems a good bet for the lucky 300 ticket holders.

... back to the outdoor entertainment vein, we have a suggestion for a novel party. With snow unavailable around Boston and vicinity there are some drawbacks, but the fun of a toboggan party would well be worth the trouble. So pack up, boys, and head north this week-end. We suggest hot-battered rum as necessary equipment for the trip, and if its the recipe you need, I'm at your service.

## Collegiate Review

*Editor's Note: With this issue The Tech is initiating a new column to appear at regular intervals dealing with items of interest gathered from other colleges and campuses.*

### ... A Poll

recently conducted at Caltech shows 68 per cent of the Pasadena students favor a summer term, provided their financial problems are solved. Two-thirds of the students would require financial assistance, which they would rather not take in the form of loans, the poll indicates.

A similar poll held last semester at the Institute for the Junior Class revealed that 60% of the Juniors "would find it a definite hardship" to go to school on a twelve months' basis. Computation showed that with financial matters straightened out, 53% of the Institute's Juniors would be able and willing to go to school this summer. Of the total number polled 46% mentioned that financial reasons would deter them from attending school this summer. ... No action has as yet been officially taken by the Institute with regard to prospective summer school for Juniors.

### ... 80,000 Gallons

of beer and ale were sold in Hanover, home of "Joe" Dartmouth, during 1941, according to the Daily Dartmouth. This, despite a faculty ruling at the college, that all students found drunk on the campus are subject to immediate expulsion. While the Dartmouth hastens to point out that 80,000 gallons is a volume quite insignificant compared to the total drunk in the United States, we want to put it on record that this constitutes over one million and a quarter glasses per year. With a college year of 32 weeks that means just about 40,000 glasses per week. And that's not mentioning the hard liquor Dartmouthites partake of at White River just across the Vermont state line.

### ... Univ. of Cincinnati

students have launched a war economy campaign to save paper, which if it spreads to other campuses throughout the country will save thousands of dollars ... and incidentally paper ... annually, its proponents claim.

Students at U.C. will ask their professors to accept themes written on both sides of the paper—a breach of class room etiquette hitherto considered quite unacceptable in the best circles. Calculations down at Cincinnati show that during the three months' period ending December 31 last, 10,750 Cincinnati students bought 200,000 sheets of

theme paper. Applying the local figures to the approximately 1,300,000 college and university students throughout the nation, and the savings if the Cincinnati plan were adopted generally, would be impressive.

And it almost seems as if 3,000 students at Tech alone uses that number of sheets. Anyway why not write on both sides of the paper—The Tech does. Latest reports indicate that at least one Professor at the Institute has suggested that his students write on both sides of the paper.

### ... Yale Graduates

have on the average only 2.3 children, while Vassar graduates have 2.6 children, according to what purport to be reliable statisticians. This presumably all goes to prove that women have more children than men. Now let's check up on Harvard!

### ... City Life

has a definite antisocial effect, according to Dr. Ernest W. Burgess of the University of Chicago. The antisocial effect of city living is beginning to drive people further and further away from the big population centers.

Dr. Burgess declares that the effect of living too close together is a "subversive" influence on society because people "act like turtles, draw their heads within their shells, become anti-social, and adopt a cynical attitude toward their neighbors and life in general."

Dr. Burgess goes so far as to claim that to some degree the environment of city living is undermining the spirit of the American people.

## Unity Club Will Meet On Wednesday Night

The M.I.T. Unity Club is to hold a supper-meeting next Wednesday, February 18, at 6:00 P.M. beginning in Morss Hall, Walker Memorial. After dinner, those who attend will have the privilege of listening to Dr. John T. Dunlop, instructor in economics at Harvard, talk on "Bases For a Durable Peace."

This meeting is the first of a series of two, the second meeting to be held in one month, at which time "America's Role in the War" will be discussed.

Everyone, not necessarily members only, is welcome.

## REGISTRATION DAY

Male citizens of the United States above twenty years of age, who have not yet registered in the Selective Service, will do so this Sunday and Monday. Included in this group will be a large contingent of Techmen.

To these, the question of their finishing school is of prime importance. Not since last spring, considerably before that fateful Sunday in December, has the Institute come forward with any statement concerning its policy towards deferment of students. At that time, Institute officials said that they would request deferment for any student in good standing as had been directed by General Hershey, director of the Selective Service System. The final decision was in the hands of the local boards.

The system worked satisfactorily until the Japanese attacked us so viciously on December 7. Then our war effort shifted into high gear, and some draft boards reclassified subjects indiscriminately and placed them in the Army to swell the fighting forces of the nation.

To insure a sufficient flow of technical experts to meet the requirements of the expanded war industries, General Hershey dispatched another memoranda to state directors on January 12 recommending consideration for deferment of students in certain specialized professional fields. Just about every course in the Institute has been included among these fields by General Hershey.

Mr. Henry B. Kane, Selective Service coordinator for the Institute, has advised us that, in cooperation with Hershey's recommendations, the Institute will continue its policy of requesting occupational deferment for all students in good standing in necessary courses.

With this in mind, the Techman may consider it his sacred duty to continue in earnest his education so that he will be able to serve his country as effectively as possible.

## ELECTIONS TO THE STAFF

Volume LXII announces with pleasure the election of Robert S. Chang, '45, and Arthur F. Peterson, Jr., '45, to the positions of cartoonist on the Associate Board of The Tech.

## IT LACKS COOPERATION

Ever since the week-end of December 5 when seven Institute social events were crowded into three short days, the Walker Memorial Committee had received complaint after complaint about its poor management of the Technology calendar. In retaliation, the Committee erected a bulletin board in the Main Lobby of Building 10 where anyone holding a dance or party could record its date so as to prevent conflicts with other affairs.

With that action, the responsibility of keeping things straight fell onto the shoulders of the fraternities and campus organizations who sponsored the affairs. Unless they cooperated to the fullest extent with the Committee, the plan would necessarily fail. And it appears at present that the Committee is not receiving that cooperation. Yesterday, only two fraternities had signified their intentions of sponsoring dances during the second semester, the first few weeks of which are usually full of such affairs.

We suggest that each dance chairman reserve a date on the bulletin board as soon as he has reached a decision. Three or four weeks would give the Walker Memorial Committee ample time to arrange a balanced calendar.

# Technology Will Enter Annual B.A.A. Games In One Mile Relay

## Varsity To Meet Both Syracuse And Cornell For Brown Trophy

The fifty-third annual Boston Athletic Association Indoor Meet will be held Saturday, February 20, 7:45 P.M. in the Boston Garden. Two of Technology's teams will compete in the meet, carrying on a thirty-three year old tradition. The meet, which attracts the great runners of the country, has numerous major attractions for both individual and group competition.

The Inter-Collegiate Relay, one mile, for the George V. Brown Memorial Trophy is the highlight of the undergraduate events. The cup is offered to the team that wins two years out of three, or the team that has the fastest time over a three year period. The trophy for the competition now is the second offered, New York University having retired the first one, after winning two legs.

### Weather Hazy

Oscar reported that due to weather conditions over Cayuga's hill, his glass ball is unable to predict the winner. However, he did state in an interview with The Tech last night that Captain Brady's re-entry into the running after recovery from a sprained ankle, should considerably strengthen Technology's Varsity Relay. Considering its record at the Millrose Meet, this is a promising statement.

The Varsity one mile relay, which will compete with Cornell University and Syracuse, is to be chosen from: Captain Gene Brady, Sid Hall, Bob Meny, Larry Stewart, and Ed Czar.

The Freshman relay team which will run against Bates College, University of New Hampshire, and Northeastern, consists of David Baily, Warren Spear, Robert Stevenson, J. L. Cooley, and Edro C. Cabral. John Adams will compete in the high jump event.

On Friday, Feb. 19, 1942, the Freshmen will have a dual meet with St. John's Prep at Technology.

## Squash Team Has Two Meets

### Intra-Mural Schedule Includes Emerson Tournament Play Offs

The squash season is now, contrary to all horticultural laws, in full bloom. With the Varsity on a two-game tour, two tournaments already begun and three in the offing, the squash courts are now very well filled.

The Varsity Squash team will play Trinity College at Hartford on Saturday, February 14, and Wesleyan College at their home courts, on Friday, February 13. The team, headed by Captain Sheetz III, consists of Louis Stouse, Carl A. Trexel, Jr., John Barry, and Jack Shaw. Although past games do not encourage much optimism, these two meets are with evenly matched teams, and Technology has a good chance for two victories before the week-end is over.

### Many Tournaments Being Held

The intra-mural events are highlighted by the M.I.T. Emerson Cup Tournament, most important of Technology Squash events. This tournament, open to all students and members of the Faculty, is now in its first round, but any men

(Continued on Page 4)

## CAGER RATINGS

|                     | W  | L  | Rating |
|---------------------|----|----|--------|
| 1 Colby             | 7  | 1  | .980   |
| 2 Rhode Island      | 9  | 2  | .965   |
| 3 Holy Cross        | 3  | 1  | .950   |
| 4 Springfield       | 10 | 3  | .959   |
| 5 Dartmouth         | 11 | 2  | .944   |
| 6 Boston University | 4  | 2  | .938   |
| 7 Connecticut       | 7  | 3  | .933   |
| 8 Brown             | 6  | 3  | .927   |
| 9 Providence        | 9  | 3  | .915   |
| 10 Yale             | 4  | 6  | .909   |
| 11 Williams         | 6  | 4  | .872   |
| 12 Tufts            | 7  | 6  | .846   |
| 13 Mass. State      | 6  | 3  | .841   |
| 14 Vermont          | 6  | 4  | .841   |
| 15 Amherst          | 3  | 2  | .812   |
| 16 Worcester Tech   | 3  | 4  | .790   |
| 17 Harvard          | 3  | 10 | .760   |
| 18 St. Anselm       | 4  | 4  | .750   |
| 19 Wesleyan         | 2  | 5  | .722   |
| 20 Clark            | 5  | 4  | .705   |
| 21 Northeastern     | 5  | 5  | .705   |
| 22 Am. Internat.    | 4  | 6  | .682   |
| 23 Norwich          | 5  | 5  | .500   |
| 24 M.I.T.           | 3  | 4  | .533   |
| 25 Lowell Textile   | 5  | 6  | .500   |
| 26 Bates            | 2  | 5  | .474   |
| 27 Coast Guard      | 3  | 4  | .433   |
| 28 Maine            | 2  | 5  | .344   |
| 29 St. Michaels     | 1  | 8  | .125   |
| 30 Trinity          | 1  | 3  | .091   |
| 31 Bowdoin          | 0  | 3  | .000   |
| 32 New Hampshire    | 0  | 10 | .000   |
| 33 Middlebury       | 0  | 8  | .000   |
| 34 Assumption       | 0  | 7  | .000   |

## Pucksters Leave For Brunswick

### To Skate Against Bowdoin And Colby Over Week-End

Leaving early this morning the puckmen are well on their way to Brunswick, Maine, where they will encounter the Bowdoin sextet. After this game they will continue their travels to Waterville, Maine, where Colby will skate against them.

The starting line-up will probably be: Johnnie White, Johnnie Arnold and Dick Bettes as forwards; Fred Kaneb and Dave Christison in the defense positions; Ed Edmunds at goal.

### Lost to Colby

This will be the second time Tech and Colby will have met this year. Before Christmas in the Arena Colby and Tech exchanged the lead through three periods of desperate play. At the end of the third period the score read Tech 5, Colby 5. In the overtime period, however, Colby succeeded in rallying and drilling three counters into the Engineer's net to win 8-5. The pucksters will attempt to reverse the score tomorrow.

## Fencers To Meet Hamilton College

The fencing team, which was among the casualties of the war, has recuperated sufficiently to play its first meet of the season with Hamilton College on Saturday, February 14, at two o'clock, in the Hangar Gymnasium. The team, which has been forced to practice in the basement of the new dormitories, is never-the-less in "tip-top shape" according to Captain W. W. Kellog, who looks forward to a victory.

The three teams are composed in the main of new men, with only four veterans escaping last June's graduation. Of these four, W. W. Kellog and John Hinchman have already won individual laurels this

(Continued on Page 4)

## Beavers Wrestle Tufts Saturday At Medford

### Jumbos Are Not Expected To Prove Tough Competition

The Tech matmen will journey to Medford this Saturday afternoon with hopes and intentions of repeating last year's victory over the Jumbo grapplers. Coach John Lutz said that the turn-out has been fair, and he expects a good showing in this meet.

One unexpected change is that of Kelly Damsgaard, wrestling in the 145 lb. class in the place of captain Bob Fettes, who was defeated by Damsgaard in intra-team competition. Otherwise the team has undergone little change, and as yet the 121 lb. and the 128 lb. wrestlers have not been decided upon.

### Line-up Not Complete

The line-up, as disclosed by Coach Lutz, is: 121 lb. and 128 lb., not decided; 136 lb., Bill Clark; 145 lb., Kelly Damsgaard; 155 lb., Bill Botten; 165 lb., Jack Gardner; 175 lb., Jack Carleton; heavy, Walt Masnik.

The Saturday following the Tufts meet will see the Engineers at Springfield, where the frosh and varsity will both wrestle in a long-looked-forward-to meet. Following the Springfield meet, the New England Intercollegiate Wrestling Championship matches will take place on March 6 and 7, at Wesleyan. It has been decided that there will be freshman competition at the Intercollegiate this year, and our undefeated frosh team might make the trip.

### Vacancies Exist

Coach Lutz has expressed the desire to see more men out for wrestling. There is a dearth of material in the lightweight classes, and the coach feels certain that the needed men are in the Institute. Many would-be wrestlers have come down to the hangar gym once or twice, and when confronted with the prospect of work have dropped from practice. Coach Lutz said that the team would make a much better showing if more men would show interest in joining the grapplers.

## Riflemen Travel To Meet N.Y.U.

Leaving tomorrow, the riflemen will make a trip to New York City to compete with New York University in a shoulder to shoulder meet to be held on Saturday, February 14. This is the second meet away of this season. The team, which has suffered heavily from Commencement casualties, now has hopes of beating their opponents. For many years, NYU has successfully managed to outshoot Technology.

The meet, which will be conducted in the usual manner, requires ten men from each school to fire in three positions, for a possible 300. However, only the top five men's scores will be judged.

### Future Schedule

The next meet is scheduled with McGill University, a shoulder-to-shoulder match on February 21, to be fired on their range. This will be followed by another shoulder-to-shoulder meet with United States Military Academy, at the West Point Reservation.

### GLASS BLOWING

Experimental—Laboratory  
**L. A. VOYER CO.**  
268 Northampton St.  
Boston, Mass.  
Tel. KEN. 9413

## Colleges Change Freshman And Physical Training Rules

BY GARD SLOAN

Almost every day we read of further changes occurring in the college sports world. The first major alteration was the abrogation of the freshman rule. Beginning soon after the attack on Pearl Harbor many colleges have speeded up their academic program. This reduced the academic program from four to three years.

With the three year set-up the athlete was eligible for the varsity only a short two years under the existing freshman ineligibility rule. This arrangement and the draft would deal a damaging blow to the calibre of varsity athletics. Consequently a great many coaches and officials demanded the abrogation of the freshman rule. Harvard, Dartmouth and others have, therefore made freshmen eligible for the varsity.

### Eligibility Has Drawbacks

But the making the freshmen eligible for the varsity teams is not without its drawbacks. Under the previous regime, the high school player had a full year to mature and harden his muscles before entering the exacting varsity competition. The elimination of the freshman rule, according to Martin Souders, director athletics at Exeter, will do more harm than good in tossing eighteen-year old boys into competition beyond their physical powers.

Souders also points out that even if the calibre of varsity teams is lowered somewhat by restricting first year men to freshmen teams, everyone would be in the same boat. This would seem to be the case if all the competing colleges were running on the three year scheme. If, however, some are on the three year and some on the four year system, competition between them would not be fair without some adjustment such as the withdrawal of the freshman rule.

### As To Tech?

As far as Tech is concerned, the freshmen will not be made eligible for the varsity, according to Frank Herlihy, President of the M. I. T. A. A. We feel that this policy is the best. The question of freshman eligibility should not come up except in the case of colleges on a three year schedule. Besides the fact that freshmen on varsity teams would throw many men into competition before their time, it is of more importance that more men

would take part in athletic, especially more freshmen, if the freshmen teams are maintained.

Ed Locke, director of Health and Athletics, at Williams feels the same way about it. Last year at Williams seventy-two percent of the freshman competed in some type of freshmen athletics during their first year. He opposes removal of the freshman rule on the basis that its withdrawal would bring this percentage down.

### Harvard Begins Work

According to the yesterdays' paper the Harvard student is really going to start working. William J. Bingham, director of athletics at Harvard, announced that beginning April 6 and continuing through the special summer term every Crimston undergraduate except Seniors and those with physical handicaps will report four times a week for one hour of calisthenics.

In this act there is no appearance of any half-baked hastily made changes, but a thorough understanding of the situation. The records show that just after the last war all types of athletic records were smashed. When we investigate the reason for this we find the man left college, joined the army, and later returned to college. These men then proceeded to break the standing records although they were older.

The principal reason they were so successful is that they were physically hardened by the war. The army has found that it is necessary to train recruits six months before they are physically capable of undertaking maneuvers and war games.

The emphasis is to be placed on hardening rather than on play. Bingham intends that the students shall learn to "take it". Previously only the freshmen were required to take three hours a week. In the new compulsory four hour schedule, out-door calisthenics will be taken. Such vigorous sports as out-door basketball, wrestling, and boxing will also be attempted. This new plan has been adopted "in the feeling that the college had a distinct obligation to condition all students who are liable for military service".

**ADDED ATTRACTION!**


**LAST TWO DAYS**  
**CLYDE LUCAS**  
and his  
**FAMOUS ORCHESTRA**

\* \* \* \*

Coming Next Week  
**Charlie Barnet**  
DELUXE 6 COURSE  
DINNER

**BERMUDA TERRACE**  
HOTEL BRUNSWICK  
*So Smart... Yet So Inexpensive*

"VANDYKE" EBERHARD FABER—U.S.A.  
MICROTOMIC GRAPHITE



Microtomic **VAN DYKE**

The Drawing Pencil that experienced draftsmen acclaim superior. For smoothness, durability, and accuracy of degree. At your supply store.

**EBERHARD FABER**  
*Leadership IN FINE WRITING MATERIALS SINCE 1849*

# FRESHMEN—

## Can You Read?

Of course . . . Can you write? . . . Certainly . . . Do you want to write? Or sell ads? . . . Or take photographs? Or make engravings? . . . Or just learn what a newspaper is all about? If you do, The Tech has a place for you. The second term freshman competition is about to start. If you are interested, drop around to The Tech business office, third floor of Walker, between 4 and 5 o'clock any day during the next two weeks and ask for the Personnel Manager.

### Students Donate \$100 To War Fund Boston Oversubscribes In Drive To Collect At Least \$7,600,000

Each of Technology's four undergraduate classes donated \$100 to the Greater Boston United War Fund drive, which Wednesday evening climaxed a three weeks' drive for funds by an oversubscription of over \$45,000.

In one of the most tremendous charitable undertakings ever attempted by any community, 1,300 volunteer workers have spent the past three weeks soliciting throughout Greater Boston in an attempt to raise the unheard of total of \$7,600,000.

Organizations sharing in this huge fund include the major charitable organizations which annually solicit donations from the charitable. This combined drive was inaugurated in an attempt to arouse greater interest in each of the organizations participating, hoping thus to receive greater contributions to enable these organizations to continue their work.

The participating groups included the Red Cross, the United Service Organizations, and the Greater Boston Community Fund.

### Int. Club Dance Will Be Tonight

Inviting everyone who feels like dancing for the fun of dancing, the International Club is staging an inexpensive dance at the Hangar Gym, from 8 o'clock to 12, tonight, Friday the 13th. It was originally planned as a square dance, but the caller will be unable to attend. Simple square dances and waltzes will be the fashion, therefore, while the music will be recorded. The main attraction is a flock of Wellesley and Simmons girls, states Albert Lau, '42, Secretary of the Club.

### Varsity Swimming Team Prepares For Trinity

After a month of inactivity the varsity swimming team goes into action at Trinity College next Tuesday afternoon. This is the first of six varsity meets in the second half of the season, three of which are here, and three away.

Although the team has thus far been rather unsuccessful, they hope to improve during the season and place well in the New England InterCollegiate Meet at Amherst, March 13, and 14.

### Perpetual Motion

(Continued from Page 1)

strated as a mystery machine by the Bell Telephone Laboratories at a meeting of the American Institute of Physics in October 1937. They did not, however, claim that it was a "perpetual motion" machine.

The apparatus movement is based on the fact that heat can change the ferromagnetic properties of iron and iron alloys. The particular alloy which is used here—70 per cent iron and 30 per cent nickel—has the property of having its maximum permeability at about room temperature.

In this particular toy, a ribbon of this alloy is placed around the edge of the plastic disc. This disc is then mounted on an axle and allowed to rotate between the poles of a circular magnet. An ordinary incandescent lamp is then mounted in the back of the box, and the light from this is passed through a filter which cuts out all but the infra-red rays which in turn are focused upon the ribbon at a point just above the magnet.

The heat which these rays generate is sufficient to reduce the permeability markedly at this point. This results in an uneven pull by the magnet, and the wheel rotates. Quid est demonstratum.

### Fencing

(Continued from Page 2)

season. Kellogg won the Junior Epee championship, and Hinchman was victorious in the Junior foil division of the Boston Fencing Club Competition, held previous to the Christmas recess.

### Line-Up Complete

The teams for the Saturday meet consist of the following men: Foil: Dick Ackerman, Paul Collman, and Fred Drennan. Epee: Charles Hinchman, Krafts and Kelby; Sabre: John Hinchman, Stephen Higgins, Samuel Lamport.

This, the first meet, is expected to be the beginning of a successful season for the fencemen.

### Squash

(Continued from Page 3)

interested in the competition should report to Barbour Field House, as the program is still open. The Faculty Squash Tournament and Graduate Student Tournaments are also in their initial stages. Additional entries are still allowable, according to Captain Sheetz. In the very near future the Junior, Varsity, Sophomore, and Freshman Tournaments will begin.

### Inst. Comm.

(Continued from Page 1)

Also approved was the election of George A. Schutte, and Dean C. Pictou, as Sophomore members of the Student-Faculty Committee, and Robert J. Schaefer, '43, as permanent proxy for T. Kemp Maples, '43, who is working outside of school this term. Schaefer, who is Secretary-Treasurer of the Junior Class, is to replace Maples as Institute Committee representative of the Junior Class.

## CALENDAR

### FRIDAY, FEBRUARY 13

- 3:30 P.M. Hockey vs. Bowdoin—There.
- 4:00 P.M. Squash vs. Wesleyan—There.
- 8:00 P.M. International Club Square Dance—Hangar Gym.

### SATURDAY, FEBRUARY 14

- 8:00 P.M. Outing Club Square Dance—Hangar Gym.
- 8:00 P.M. Dormitory Record Dance—Pritchett Hall.
- 2:00 P.M. Varsity Wrestling vs. Tufts—There.
- 3:00 P.M. Varsity Squash vs. Trinity—There.
- 8:30 P.M. Varsity Hockey vs. Colby—There.
- 2:00 P.M. Fencing Team vs. Hamilton—Hangar Gym.

### M.I.T. Outing Club Elects Walter G. Wells, President

The M.I.T. Outing Club elected Walter G. Wells, '43, as their new president at a meeting held last Wednesday night, which featured two sound movies on skiing. Elections were held following this.

Other officers elected were William T. van Ravenswaay, '44, Secretary-Treasurer; Warren A. Schwarzman, '43, Trips Director; Alexander G. Smith, '43, Meetings Director; John E. Ward, '43, Editor of the Bulletin; and James H. Klein, '42, Ski Team Manager.

### Common Cold

(Continued from Page 1)

nose and throat. Water should be periodically sprinkled in such rooms, a water container or wet towel kept on the radiator, and wash basins kept full.

Old Man Resistance listened to these rules and suggestions laid down by the doctor. The Old Man nodded and then proceeded to forget them, thinking, "I'm different; they don't apply to me." Whereupon his strength gave way. Cold-bug ran riot, and the result was a cold.

### Care of a Cold

The doctor then spoke up again, "If you have a cold or its symptoms, visit the Homberg Infirmary clinic for examination and advice. Get all the extra rest and sleep you can (no exercise during a cold), arranging your activities for an early bed time. Avoid chilling, especially when overheated or sweating.

"Drink all the fluid you can possibly hold," continued the doctor, "average at least a glass an hour while awake. (Orange, grape, pineapple juices, milk and carbonated beverages, which have an alkaline reaction in the body, are best to combat the acidic reaction of cold toxins and fever. Lemon, grapefruit and tomato juices are too acidic).

### Stay in Bed With Fever

"With a cold you must maintain a light, but adequate diet, avoiding heavy, greasy, and highly spiced foods which are hard to digest and excrete thereby using up very valuable energy. However, in case of fever maintain a semi-solid diet. Also if you have a fever, it will be to the advantage of everyone, including yourself, to have you temporarily out of circulation—either at home or in the infirmary. Above all be considerate, and don't pass your cold on to others."

### Walton Lunch Co.

Morning, Noon and Night  
You will find All Tech at  
78 Massachusetts Avenue  
CAMBRIDGE

QUICK SERVICE  
APPETIZING FOOD  
POPULAR PRICES  
Quality First Always

THAT'S  
WALTON'S

1080 Boylston Street  
Convenient to Fraternity Men

### Sikorsky

(Continued from Page 1)

actual design came in trying to get stability at the low speeds necessary for short landing spaces. If a wind comes up while the plane is trying to land, a 15 mile an hour wind would be equivalent to a hurricane affecting a transport plane.

Although the helicopter was thought of long before the present type of airplane, it has still not been put into practical use, although the airplane has become a vital thing in life.

It was hoped that helicopters would have the stability of a free balloon, and by having the center of gravity below the lifting power, it would right itself the way a balloon does. The first experiments, however, showed that this would not be so, for the helicopter was inclined to go over farther rather than to right itself.

Mr. Sikorsky said that experiments also found that the extra air surfaces would not do the job and that it was necessary to have auxiliary power to keep the ship level. He also explained that in his present experimental ship, it is the pitch of the rotor rather than the speed of it which determines the rate of climb.

He said that his present ship can hover in mid-air over any spot for any length of time. This, he said, is something which the mighty eagle cannot do, but he added that any mosquito can.

### 5:15

(Continued from Page 1)

Of the men nominated, three were selected by the Board of Directors to run for President, the winner to be selected by Popular vote, and the second man to be elected to the office of Vice-President. Two men were put up to the votes of the membership for each of the other two positions—secretary and treasurer—one only to be elected. The men elected will take office immediately; to serve for the coming year.

A NEW POLICY at the  
**FIVE and DRUM ROOM**  
HOTEL VENDOME


A GAY NEW ROOM in the PATRIOTIC MANNER  
CONTINUOUS ENTERTAINMENT  
JOLENE  
Refuge Songbird from Paris  
NEW LOW PRICES 3 GIRLS ABOUT TOWN  
LUNCHEONS from 65c Dance Melodies Individually Styled  
DINNERS 85c - \$1.00 - \$1.50 TERRY PEPIN  
Delightful Chanteuse  
No Cover or Minimum  
CESAR, Formerly of the Westminster Blue Room is in charge  
RESERVATIONS COM. 4700



### The First Church of Christ, Scientist

Falmouth, Norway and St. Paul Sts.  
Boston, Massachusetts

Sunday Services 10:45 a. m. and 7:30 p. m.;  
Sunday School 10:45 a. m.; Wednesday evening meetings at 7:30, which include testimonies of Christian Science healing.  
Reading Room—Free to the Public,  
333 Washington St., opp. Milk St., entrance also at 24 Province St., 420 Boylston Street, Berkeley Building, 2nd Floor, 60 Norway St., corner Massachusetts Ave. Authorized and approved literature on Christian Science may be read or obtained.



TELEPHONE LAFAYETTE 6430-1-2  
ORIGINAL ARTISTIC DECORATORS  
OUR VALENTINE SPECIAL  
BUNCH VIOLETS IN HEART BOX—\$2.75

Houghton Gorney  
Flower Shop

AT THE  
PARK STREET CHURCH  
TREMONT STREET

BOSTON, MASS.