



MASS. INST. OF TECHNOLOGY  
DEC 12 1939  
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## Xmas Dance Tickets Admit To Ball Game

### Santa Claus Will Appear To Give Out Gifts Around Tree

#### TICKETS ON SALE NOW

Tickets to the Christmas Dance will also admit the couples to the M.I.T.-New Hampshire basketball game on Friday evening. It was announced today by Charles A. Wales, Jr., '41, Chairman of the committee.

This addition to the value of the tickets, of which more than one hundred have already been sold, will not change the cost from the previously announced price. They can be obtained for \$1.69 in the Main Lobby of Building Ten from twelve noon until two all this week, or from any member of the committee. Graduate students may get their tickets from James L. Hall, G.

#### St. Nick to Attend Dance

The Christmas theme of the dance is being carried out in a number of ways. Even Santa Claus is scheduled to appear. The committee claims that he will make the long journey from the North Pole especially for the dance, making this early season appearance so he can give out gifts to every one present. The Main Hall of Walker will be decorated with Christmas colors, and there will be a tree in the

(Continued on Page 4)

## Secretaries' Abduction Precipitates Dorm Riot

The abduction of several secretaries who had set up "Ye Theme Typing Shoppe" in the Burton Room last Sunday night precipitated a medium sized riot in the dormitories.

Before subsiding, the baffled students bombed the lower floors with water bags, converted all the halls into canals, and in general had a "splashing" good time. All would have ended happily had not one Francis Stevens, '43, found himself in the sad predicament of having a hand on one side of a glass door and the rest of him on other side.

## Debaters Select Diverse Topics For Next Talks

### Opponents Saturday Night Will Be Bates College In Room 6-120

Expressing their opinions on the varied subjects of the war situation, athletic scholarships, and the place of women in professions, Technology's debaters will attempt to avenge recent losses to Yale and the University of Connecticut, within the next few weeks, according to Stanley L. Backer, '41, debate manager.

A Beaver debating team is to meet Bates College this Saturday at 8:00

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## Newsboys Win Over T. E. N.

### The Tech Bowlers Lick Rival Publication 754 To 748

Reaffirming its athletic prowess, The Tech's mighty bowling team breezed to an easy victory over the team of its friendly rival, the Tech Engineering News, by a score of 754 to 748 last Friday afternoon in the Walker Memorial alleys.

Star of the match was Russell T. Werby, '40, member of the Editorial Board of The Tech. Acting as anchor man, Werby stepped up to bowl his last frames under terrific pressure. He needed twenty-one points to tie and twenty-two to win.

#### Spare in Last Frame

In the first frame he managed to eke out a ten, but he still needed an eleven to tie. His next ball brought down seven pins, leaving three with a bad split. The T.E.N. boys started to cheer their supposed victory. Then Werby, by superhuman control, threw a hooked ball which took all three pins off the alley. His last ball downed seven pins and brought a sweeping six point victory to The Tech.

Throughout the entire match the bowling was excellent, as the first ball for T.E.N. tossed by Warren J. Meyers, '41; was a strike. Likewise the first ball for The Tech, aimed by Peter E. Gilmer, '41, scored a strike. Gilmer was also high man for The Tech with a score of 107.

#### Winning Team

Members and scores of the winning team were: J. William Blattenberger, (Continued on Page 2)

## Earl Browder's Talk Is Definite; Agrees To Speak Thursday

Earl Browder has accepted the Peace Federation's invitation to speak at the Institute, and will address a student audience next Thursday at 4 P.M. in Room 10-250. His talk is to deal with "Our American Interests and the Present Wars in Europe and Asia."

#### To Speak Thursday



Earl Browder, Secretary of the Communist Party of America

Entrance to the lecture hall will be through the rear door only. Moreover, Bursar's cards will be necessary for admission. This latter requirement is to prevent outsiders from overcrowding the hall and causing disturbances.

#### Another Speaker Sought

The Peace Federation is now attempting to obtain a speaker of opposite views to talk on the same program with Browder. It is probable that this lecturer will be a professor from Harvard, where Browder was last month denied permission to speak.

Browder, the many-time presidential candidate of the Communist Party of America, was elected general secretary of that organization in 1930. Born in Wichita, Kansas, in 1891, he first became interested in the Socialist movement as a result of the Haywood-Meyer-Pettibone case. By the time he was fifteen he was an active member of the Socialist Party.

#### Opposed World War

After serving two prison sentences for opposition to American entrance into the World War, Browder reentered the Socialist Party. He became active in the left-wing group of the Socialists, which soon became the present Communist Party.

## Audience Of 450 See Murder Trial In Room 10-250

### Juries Give Opposite Verdict In Two Dramashop Play Presentations

Near-record audiences totaling 450 saw Karen Andre tried for murder in Dramashop's fall production, "The Night of January 16th", last Friday and Saturday nights in Room 10-250.

Both possible verdicts—guilty Friday night and not guilty Saturday night—were provided by the respective juries, which were composed of student and Faculty members of the audience.

#### First Play in 10-250

This courtroom drama was the first Dramashop play to be presented in Room 10-250. Officials reported satisfaction with the results of the experiment.

All action of the play, which scored considerable success during its Broadway run, is located in the courtroom where Karen Andre is being tried for the murder of Bjorn Faulkner, world-famous financier. The evidence presented is evenly balanced, so that the jury is faced with a realistic and difficult decision.

## Course Criticism To Be Discussed

A Course Criticism Dinner will be given this Wednesday evening by the newly formed Technology Beta Theta chapter of Eta Kappa Nu, the national honorary electrical engineering fraternity. The dinner will be held at 6:15 P.M. in the Silver Room of Walker.

The purpose of the dinner is to give an opportunity for discussion of instructor-student relations. It is hoped that, from this discussion, the chapter will be able to present to a chosen faculty committee some suggestions for improving the relationship between students and instructors.

#### Initiation Banquet Held

The chapter held its initiation banquet at the Hotel Marcy on November 28. Initiated were Charles T. Goddard, '40; Norman R. Scott, '40; Ar-

(Continued on Page 3)

## New Broadcast Of College Life

### "Campus On The Air" Is New Weekly Radio Program To Go On Air

Under the auspices of WEEI's Town Hall of the Air, a new radio program "Campus on the Air" designed to express collegiate life in New England, is scheduled to go on the air for the first time January 13, 1940, from 5:30 P.M. to 6:00 P.M.

The program, which will be a weekly event on Saturday afternoons at the above mentioned time, will be produced from material submitted by over thirty of the New England Colleges, including M.I.T., Harvard, Wellesley, Radcliffe, B. U., B.C., Tufts, Northeastern, and Simmons.

#### Programs to Use School Talent

In accordance with the plan now in consideration listeners will hear a cleverly arranged potpourri of events and specialties culled from the college campuses. Items for future programs include guest speakers, college orchestras, glee clubs and soloists, debates, open forums, question and answer sessions, and any novelties which interest an audience.

## Glee Club Host To Choir From Wellesley College

Over sixty girls from Wellesley joined voices with the Institute's Glee Club in a concert of choral music given last Friday in the Main Hall of Walker Memorial.

The concert began at 8:30 P.M. before an audience of over four hundred. After the concert, which lasted until about 9:30, the members of the Wellesley College Choir were the guests of the M.I.T. Musical Clubs at a formal dance held in the Main Hall. Jim Carmody's Esquires furnished music for the affair.

## STUDENTS and CHARTERED PLANE



Courtesy—United Air Lines  
Pictured above are the twenty-one institute students who chartered a plane last Christmas with which to fly to Chicago. Left to right—John D. Rogers, '42; T. H. Tusler, Ralph E. Meagher, James K. Tyson, '41; Donal K. Holway, '40; Charlotte Holway, L. E. Tiech, James P. Pollock, G. Thomas N. Pook, '41; Herbert L. Stephens, '39; Paul W. Sommer, '42; Alfred E. Castle, '40; Perry D. Crawford, Jr.; G. and J. Speas. On steps left to right—Julius A. Kohn, '41; William R. Schuler, '40; C. H. Peterson, Stewardess Ruth Flekke, William J. Schnorr, '40; Phelps A. Walker, '40; Willard L. Morrison, Jr., '40; and Henry C. Anderson, Jr., '40.

## Students And Faculty Of Technology Are Most Consistent Air Travelers

The students and faculty of Technology are the most consistent air travelers of all the colleges in the country, according to W. A. Patterson, president of the United Air Lines. Within the last three years over one million miles at a total cost of \$35,000 has been flown by Institute men.

Mr. Patterson announced Technology's supremacy in the field of air travel at the 15th annual New England Conference last month.

#### 21 Fly As Group

To save money a group of 21 Institute students last year banded together and chartered a special plane, a United Mainliner, for their trip home to Chicago for Christmas. This

group was the first of its kind ever to use airline service for vacation travel in this country.

The Chicago-bound group, however, is not alone in the uniqueness of its use of air travel. Since then many Tech men have advantageously adapted airline service to their immediate situations.

#### Geology Studied from Air

One such was a student in geology whose home was in California. He usually took a Pullman sleeper when he went home, until his interest in the geological formations in the western part of the country suggested that a bird's eye view of the actual terrain would be helpful. His next

(Continued on Page 4)

## Popular Science Series To Begin

### First Lecture Will Be Given By Dr. R. C. Hockett Next Sunday

How man can imitate and perhaps improve upon nature from a chemist's point of view will be the theme of the opening lecture of the annual Popular Science series. The lecture will be presented by Dr. Robert C. Hockett, of the department of Chemistry Sunday afternoon, December 17 in Room 10-250 at 4 P.M.

"Giant Molecules in the Service of Man" will be the title of Professor Hockett's talk, which will emphasize the structure of molecules, the building blocks of all chemical substances. The lecturer will explain how small molecules are combined and modified to become the large molecules that form the basis of many new synthetic materials. Dr. Hockett will carry on demonstrations with artificial rubber, new textile fibres, and some of the plastic materials that are used for a variety of molded products.

#### Three Lectures to Follow

The three following lectures, which are sponsored by the Institute Society of Arts, will be "Paper and How It Is

(Continued on Page 4)

## A.S.M.E. To Hear Talk On Sound By Chambers

John C. Chambers will speak and present motion pictures on sound to the American Society of Mechanical Engineers at a meeting to be held tonight in the Faculty Dining Room of Walker Memorial at 8:00 P.M.

The talk which Mr. Chambers of the Johns-Manville Corporation, will deliver is entitled "Sound—Its Nature and Control". The motion pictures on sound will be talking pictures.

# The Tech

Vol. LIX Tuesday, December 12, 1939 No. 53

MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
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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.  
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Night Editor: Thomas Peacock, Jr., '43.

## A NEW VIEWPOINT

It is to be hoped that the hundreds who will file into 10-250 this Thursday afternoon will not do so with the same bloodthirsty expectancy with which a small boy opens a box of firecrackers. Tech men are prone to blowing off steam on little provocation. Mr. Browder's address is not intended as a provocation, and should not be regarded by any thinking person as such.

Mr. Browder typifies a mode of political thought of which Institute students, among others, have heard an increasingly large amount, but of which they have little actual knowledge.

This is our chance to learn about the theory and practice of Communism, and the Communistic viewpoint on world affairs, from the man who is the acknowledged leader in this country of that party. At the same time we will hear this viewpoint contrasted with an opposing viewpoint as expressed by an as yet unannounced representative from the Harvard faculty.

It is actually a rare opportunity for all of us to learn a little about an ideology which is commanding the world's attention more and more in recent weeks.

It is not a rare opportunity for a free-for-all, and no one with an interest in the truth of things will take it as such.

## A LITTLE SELF SUPPORT

Rumor hath it that the T.C.A. Drive this year did not quite make its budget. This is necessarily going to require some pinching and belt-tightening on the part of that organization.

The strain of relying on the rather uncertain charity of the students might be relieved if the T.C.A. were to put a few of the non-social service departments on a self-supporting basis. For instance, much of the large deficit annually caused by Freshman Camp could be removed if the price were jacked up a dollar or so. In most cases, if a freshman is going to camp it doesn't matter to him if he pays seven or eight dollars for the privilege, but it would matter a great deal to the T.C.A.

The ticket service, also, costs the T.C.A. a good healthy hunk of dough each year. It could be made self-supporting by tacking a small service charge on the price of each ticket. By using this department, the student saves enough in time, worry, and traveling expenses that he should not object to such a charge.

Likewise, by slapping a small fee onto

parties using the Tech Cabin, the cabin might begin to return a small amount on its cost and upkeep. Considering the size of the average party using the cabin, it would take only an unnoticeable fee to put an appreciable dent into the cost of upkeep.

If these proposals were to be put into effect, the T.C.A. would not be compelled to make such a large demand on the student's pocketbook, and thus would have a far better chance of obtaining its quota. Probably, most students contribute to the T.C.A., anyway, under the impression that they are helping a charitable organization.

By thus eliminating such non-charitable departments from its drive budget, the T.C.A. would largely revert to the aims implied by its name—The Technology Christian Association. The money which it received from the students would go to charity alone, as is the intention of the donors.

## DOCTOR KNOWS BEST

Institute students are growing taller and bigger, according to statistics released by the Medical Department. However, the strain of science and engineering is also becoming more evident for the Homburg Memorial Infirmary has been host to 25% more bed patients during the past four month period which ended on October 31st than in the corresponding period in 1938.

Anthropologists have been telling us for many years that the human body, together with the civilization which feeds and clothes it, is expanding. Analysis of measurements made on college students in recent years shows that little by little, centimeter by centimeter, they are beginning to tower over dad and granddad.

Here at Technology it is not necessary to wait a generation to observe this effect for statistics show that the Freshman Class is five feet, ten inches tall, and gazes at Technology's wonders from a vantage point two inches higher than his Sophomore rival. In the Field Day glove fight, the younger men had the advantage of good, substantial beef on their side, for at one hundred and forty-six pounds they outweigh the second year students by exactly 1359 grams.

One conclusion that happy-go-lucky students should draw from these statistics is that the old adage that "The bigger they come, the harder they fall" is by no means obsolete, for during the months of July, August, September, and October, naughty bacteria chauffeured 89 men into the white beds which are Homburg's pride. It should be unnecessary to emphasize to men imbued with the technical point of view that preventative medicine is the most effective offense against incapacitating disease. Tech has a splendid Medical Department; don't be afraid to use it.

## IN THE MAIL

Editor, The Tech,

It is to be hoped that Mr. Browder's reception on Thursday will lack the excessive warmth that The Tech's recent editorial so gleefully implied a wish for. It is too bad that when the meeting is discussed on the campus it is so heavily tinged with the nebulous but unmistakable aura that pervades the atmosphere on the day before a dorm riot. The uncritical over-exuberance of a dorm riot is entirely out of place at a meeting of the Peace Federation.

A speech by Mr. Browder is neither sufficiently dangerous nor sufficiently comic an occasion to justify directing any excessively boisterous gestures against him.

Mr. Browder is no menace to the peace of America or to the American way of living. The strengths and weaknesses of the Communist Party are pretty well known and understood, and furthermore the party is now under a still darker cloud of discredit for the recent actions of Soviet Russia. On the other hand, Mr. Browder is the American spokesman for a political faith that governs a country even larger and more populous than the United States, and if his auditors have decided that they want to avoid that particular form of government it might be well for them to learn at first hand just what it is they are trying to avoid.

Since Mr. Browder will speak only on one side of his question, it might be well to take along a grain of salt to swallow with the speech; but mob action is useless since it reflects discredit on the mob and tends to make martyrs of the Communists.

Those who go to the meeting might remember that one can demonstrate disgust without acting in a disgusting manner, and one can demonstrate scorn without violence.

Sincerely,

S. L. COHEN.

## Talk To Be Given By Famed Skier

Member '36 Olympic Team Will Also Show Movies In Room 1-390

Ted Hunter, member of the 1936 U. S. Olympic Ski team, is to talk on "Ski Waxes", and will present movies on skiing at an open meeting of the Outing Club to be held this Wednesday from 5 to 6 P.M. in Room 1-390.

Hunter, who skied in the downhill and slalom races in the Olympics, was a member of the Dartmouth Ski Team, and now attends Harvard Medical School. The motion pictures which he will show are those taken of skiing in Chile and at the 1936 Olympics.

### Importance of Waxing

According to Frank A. McClintock, '42, secretary-treasurer of the club, Hunter was asked to speak on ski waxes, as waxing is one of the most important yet rarely known topics connected with skiing. The type of wax used determines the speed of the skis, he said, but besides having the quality of speed, waxes must also be such as to allow one to go uphill without slipping and then be able to slide down easily.

Mr. Hunter will explain the correct type of wax to be used for different surfaces of snow and how they work, and will also explain the techniques used in correctly applying waxes to skis. Non-members are also invited to attend this lecture.

## Bowling

(Continued from Page 1)

80; James E. McClelland, Jr., 95; Martin Mann, 54; Robert K. Deutsch, 91; Walter C. McCarthy, 84; John Weingarten, 65; Peter Gilmer, 107; William S. Kather, 86; and Russell T. Werby, 92.

Undaunted by this discouraging defeat, H. Dixon Speas, '40, general manager of T.E.N., stated, "I guess we lost to a better team, but wait till next year." He is also planning to avenge his honor in a basketball game which is scheduled between The Tech and the T.E.N. on Sunday morning, January 7, 1940. In the meantime The Tech is holding secret practice every night, and is planning to build its team around the stellar playing of Howie (One Shot) Samuels, '41.

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## T.C.A. Reopens Ticket Service For Xmas Travel

Ticket Reservations May Be Obtained From Office Starting Today

In order to aid students seeking holiday transportation, representatives from the different railroads, bus lines, and steamship lines will be at the rear office of the T.C.A. from 12:15 P.M. to 1:45 P.M. daily until the beginning of vacation.

Air line representatives will be there from 1:30 P.M. to 2:00 P.M. and from 5:00 P.M. to 5:30 P.M.

Reservations and tickets may be obtained for all points from Boston as well as information on all phases of the transportation service. Last year over \$5,000 worth of railroad, bus and steamship tickets were sold, besides a large number of air line reservations. An even larger volume of business is expected this year. To aid students who wish to drive home for the holidays, the T.C.A. is sponsoring a Passenger-Driver service. Men with cars who are willing to take passengers, as well as those who wish to obtain a ride, may register at the T.C.A. Office. This is the eighth year that this service has been in operation.

**Freshman Cabinet Officers Elected**  
Officers of the freshman cabinet of the T.C.A. were elected at a recent meeting. Stephen Heller of Chicago, Illinois, is president; Robert S. Kelso, of Pleasant Ridge, Michigan, vice-president; and James W. Leader of Seattle, Washington, secretary.

Ninety-four students attended a dinner held by the Student Christian Movement in the North Hall of Walker last night. Twenty of those present were from Technology the others being from colleges in the Boston area.

Wilmer J. Kitchen, executive secretary of the Movement, presided at the meeting which included motion pictures taken at the conference at Camp O-At-Ka last summer.

Dr. Earnest Fremont Tittle of the First Methodist-Episcopal Church of Evanston, Illinois, was the principal speaker. Special music was provided by Sylvester Carter who was the soloist at Freshman Camp this fall.

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# Quintet Wins Second Game In Row Beating Lowell Textile 44-36

## Playing Is Poorer Than Shown In First Game

**Wilson Scores 14 Points; Samuels Garners 11 Despite Injury**

A fast Lowell Textile team almost ruined the basketball quintet's home debut last Friday night when they held the strong home team to a 44-36 score.

The game proved disappointing in showing the strength of the Tech team, as they played far below the game that they displayed in beating Harvard earlier in the week. Part of the falling off in play was due to the injuries that Wilson and Samuels sustained in the Harvard game. Wilson suffered from a swollen ankle, while Samuels played against Lowell Tech despite painful foot blisters. These men, however, led the Tech scoring.

### Tech Scores First

Ernie Artz, Sophomore star forward, opened the Tech scoring in the first minute of the game, but Peyetsky of Lowell evened the score, and the two teams played on even terms throughout the first quarter. Tech forged ahead in the second period on field goals by Creamer, Glick and Wilson. The half ended with Tech leading 20-16. Tech never lost this lead in the second half although Lowell often threatened to take the lead. Samuels of Tech was out on fouls at the beginning of the third period.

### Lowell Defense Surprises Tech

The Textile defense baffled the Tech team. It was only by taking advantage of their foul shots that the Tech team earned the victory. The game ended with Tech scoring 14 field goals to 13 by Lowell, while 16 foul shots by Tech found the basket compared to ten by Lowell.

Peyetsky led the Lowell team with 13 points, and was the sparkplug of their team. Wilson led the scoring for Tech with 14, followed by Samuels with 11, Artz with 7, Creamer 7, and Glick with 5. Wilson did not play up to the standard he showed in the Harvard game, as the Lowell defense held down his height advantage under the basket.

### New Hampshire Here Friday

This Friday night a strong New Hampshire team will play here. New Hampshire, though beaten by Tech last year, will bring a much stronger five here Friday because its last year's freshman team was among the best in New England.

The Tech freshman team, which gave a good account of itself at Harvard despite dropping the game by a close score, will play the opening game on Friday night.

### Course Criticism

(Continued from Page 1)

oid S. Mengel, '41, Donald D. Scarff, '41, George M. White, '41; and James K. Pickard, '41. An election of officers has also been held. The officers for the following year are: president, H. Tyler Marcy, '40; vice president, Norman R. Scott, '40; treasurer, Arnold S. Mengel, '41; corresponding secretary, John L. Joseph, '40; recording secretary, Donald D. Scarff, '41; and magazine correspondent, Norman L. Laschever, '40.

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# Swimming Meet Won By '43 Men

**McDonough, Tiedemann Star For Winners; Frosh Face Harvard Friday**

Taking first place in five events, the Class of 1943 won the All-Technology Swimming Meet held in the University Club Pool last Friday night by the score of freshmen 40, Sophomores 13, Juniors 10. This meet was open to all undergraduate students who had never won a varsity letter in swimming, and about 50 fellows competed.

The freshman swimming team appears to be in very good condition, and will swim its first intercollegiate meet against the Harvard freshmen at Harvard on Friday at 7 P.M. The Varsity natators will face Amherst at Amherst also on Friday evening.

The winners of the All-Tech Meet are as follows:

- 200-yard Freestyle  
1—J. McDonough, '43, 2'21.6"; 2—P. O'Neil, '42; 3—E. Pepper, '42.
- 100-yard Breaststroke  
1—J. Macleod, '41, 1'19"; 2—R. Lichten, '41; 3—G. Elliot, '42.
- 100-yard Backstroke  
1—Billings, '43, 1'15.9"; 2—J. Foley, '43; 3—R. Crosby, '42.
- 50-yard Freestyle  
1—Tiedemann, '43, 25.9"; 2—M. Evans, '43; 3—Phaneuf, '42.
- 100-yard Freestyle  
1—J. McDonough, '43, 1'5.2"; 2—P. O'Neil, '42; 3—R. Wilner, '43.
- Diving  
J. Jerome, '41; R. Reebie, '43.

The Feeno Trophy in the 400-yard freestyle relay was won by the freshman team of Evans, Tiedemann, Golbey, and McDonough; time, 4 min. 13.7 sec.

# Tech Rifle Men Down Pickwick

The Technology rifle team downed the Pickwick Rifle club last Friday night by 896 to 825, in the third match of the year.

John Vanderpoel, '40, was the high man of the evening, firing a 182, 98 prone and 84 off hand, which was 6 points lower than the year's record set by Joseph H. Meyers, '41, in the First Corps Cadet Match last week. The other five Technology men firing in the high five were Valentine DeOlloqui, '40, Captain; Jean L. Lewis, '40; Harry K. Sedgwick, '40; and William F. Orr, '41.

### Large Schedule Planned

This season holds fair promise for the rifle team, which has a budget large enough to permit the scheduling of 18 matches. Among the outstanding matches planned, are those with Navy, Army, Yale, and New York University.

At present 45 men are out for the varsity team, and a record 125 out for the freshman team. By the end of the season, the number is expected to be cut to 30 men in each squad.

# Matmen Split With Harvard

**Freshmen Beat Crimson 23-16, But Varsity Downed 33-3**

Technology's matmen gained an even break over Crimson warriors from Harvard last Saturday afternoon in the Hangar Gym, the freshmen winning 23-16, while the varsity bowed 33-3.

Coach Joe Rivers' highly touted freshmen grapplers lived up to pre-meet predictions and soundly trounced their opponents, scoring Tech's first victory over a Harvard Freshmen team since 1928. In avenging the 35-5 set back suffered last year, the frosh tallied four falls and a decision.

Hugh Byfield, Tech 175-pounder, pinned Werber from Harvard, in the exceptionally short time of 0:45.0. A standing switch followed by a reverse nelson and crotch hold led to this swift fall. Other freshmen who added five points to the Tech score were Bob Fettes in the 128-pound bout, Wendell Davis in the 136-pound bout, and Johnny Mackenzie in the 145-pound match, the last by virtue of a forfeit when Harvey of Harvard was not able to make the weight. Schaefer of Tech gained the referee's nod over Ackerman to add three more points to the total. Bill Moore, unlimited contestant for Tech, forfeited his match to the Crimson because of an injury to his side.

Saving the varsity from a complete shut-out, Johnny Carleton, classy 175-pounder, gained a decision over his rival Lewis from Harvard. Schoneburg, visiting 128-pounder, upset the dopesters predictions and gained a fall over Tech's Captain Bill Stone. The last bout of the afternoon, that between Powers of Tech and Gardiner of Harvard, was a nip-and-tuck battle until the Crimson heavyweight pinned his lighter opponent after seven and a half minutes of wrestling.

### Varsity

- 128-pound—Blaine of Harvard won on a forfeit.
- 128-pound—Schoneburg of Harvard pinned Stone of Tech.
- 136-pound—Stone of Harvard defeated Carrick of Tech by referee's decision.
- 145-pound—Thomas of Harvard pinned Dreyman of Tech.
- 155-pound—Illman of Harvard pinned Hoffman of Tech.
- 165-pound—Daugherty of Harvard pinned Fettes of Tech.
- 175-pound—Carleton of Tech defeated Lewis of Harvard by referee's decision.
- Unlimited—Gardiner of Harvard pinned Powers of Tech.

### Freshmen

- 121-pound—Burnham of Harvard pinned Tyrrell of Tech.
- 128-pound—Fettes of Tech pinned Katz of Harvard.
- 136-pound—Davis of Tech pinned Wiliffe of Harvard.
- 145-pound—Mackenzie of Tech won on a forfeit.
- 155-pound—Knox of Harvard pinned Brewster of Tech.
- 165-pound—Schaefer of Tech defeated Ackerman of Harvard by referee's decision.
- 175-pound—Byfield of Tech pinned Werber of Harvard.
- Unlimited—Rogstad of Harvard won on a forfeit.

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# Chi Phi Captures Tech Touch Title

Crushing the only team that scored on them all season by a score of 26-6, Chi Phi's football team, by their defeat of Phi Gamma Delta last Saturday, deposed Phi Mu Delta as Beaver Key football champions. The Phi Mu Deltas, who have held the title since the Beaver Key took over the management of this tournament, finished the round robin in a three way tie for second place with the Phi Gamma Delta and Sigma Chi teams.

Wide open football made possible the first score for the Chi Phis, when, in the first quarter, that team's pass from co-captain Jack Berges was intercepted by a Phi Gam secondary man, whose attempted heave was in turn intercepted by Jerry "The All American Boy" Coe. The aerials were not finished for that play, however, because Coe used Co. Captain "Big Jim" Shipman on the receiving end a few seconds later to make the score.

### Chi Phi Scores Again

With Johnny Sexton and Bill Hooper as spearheads, the Phi Ji unleashed a terrific passing attack near half time. Forced back to his own thirty yard line by a hard charging Chi Phi line, Sexton attempted to lateral, had his pass intercepted by Berges, who in turn flipped to Bouncing Bobby Sandt, who scored easily. Paul Dickson, blond, sixty-minute end, then scooped in a shoestring catch in the end zone to make it 13-0. It was "CanCan" Geuthing who snared Berges' pass from the fingers of the Phi Gamma Delta secondary to tally the third score.

### Sexton Stars for Losers

Flashing the old form they showed in interclass ball, Hooper took Sexton's pass on the sidelines in the fourth quarter, barely missed going outside, and raced over for the first score that has been made against the winners this year.

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# Senior House A Defeats C In Basketball Tourney

Senior House A defeated Senior House C in the ninth game of the dorm basketball series, 23-20 last Sunday. A five-minute overtime period had to be declared when the score was tied 19 all at the end of the game. In the second game of the afternoon Hayden defeated Munroe, 23-22.

### Big 5 Conference Standings

	Won	Lost
Senior House A	2	0
Senior House B	2	0
Hayden	1	0
Goodale	0	1
Wood	0	2
Ivy League Standing	Won	Lost
Bemis	2	0
Senior House C	2	1
Walcott	1	1
Munroe	0	3

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# CALENDAR

## TUESDAY, DECEMBER 12

- 6:30 P.M. A.I.E.E. Dinner—Main Hall.
- 6:30 P.M. Army Ordnance Association Dinner—Main Hall.
- 8:00 P.M. A.S.M.E. Meeting—Faculty Dining Room.

## WEDNESDAY, DECEMBER 13

- 5:00 P.M. Outing Club Open Meeting, Ted Hunter Speaker—Room 1-390.
- 5:45 P.M. Graduate House Dinner, Dr. Compton Speaker on "M.I.T. Objectives"—Graduate House.
- 6:00 P.M. Soccer Team Dinner—Faculty Dining Room.
- 6:15 P.M. Eta Kappa Nu Dinner—Silver Room.
- 8:00 P.M. Varsity Wrestling vs. Wesleyan—Hangar Gym.

## THURSDAY, DECEMBER 14

- 4:00 P.M. Earl Browder Speech—Room 10-250.
- 5:00 P.M. Institute Committee—East Lounge.

### Air Travel

(Continued from Page 1)

trip home was made in a daylight liner over the Continental Divide and the Grand Canyon.

More dramatic was the flight of William J. Schnorr, '40, who, advised to have his appendix removed within a few days, grabbed a plane, and had the operation performed in his home town in Wisconsin.

This year in anticipation of an even bigger volume of business, extra sections of regular schedules have been set up so that students will now have a larger number of flight schedules to choose from than ever before.

### Popular Science

(Continued from Page 1)

Made" by Dr. Dard Hunter, curator of the new Dard Hunter Paper Museum at Technology, Sunday, January 14; "Atom Smashing and Radio activity" by Dr. Robley D. Evans, of the Physics department, Sunday, February 11; and "The Architecture of the Solid and Liquid State" by Dr. Bertram E. Warren, of the Physics department, Sunday, March 10.

All the lectures will be given at 4 P.M. in Room 10-250. Tickets may be obtained without charge one week before each lecture by applying to the Society of Arts at the Institute.

### B. Dewey, '09 Talks On "After A Degree—What?"

"A degree proves you have purchased a set of tools but it does not prove you are a good worker; that is up to you, yourself," stated Mr. Bradley Dewey, '09, President of the Dewey-Almy Chemical Company, at a joint meeting of American Chemical Society and Chemical Engineering Society last night.

Speaking on the subject "After the Degree—What?", he pointed out the things that an employer looks for in a prospective employee. According to his viewpoint, of highest importance is mutual cooperation between the men. The average engineer is afraid to disclose his ideas for fear others will steal them, while actually it would be better for him if he shared the idea with everyone.

#### Personal Habits Important

Accuracy is important, but not as important as alertness and honesty of thought. Personal habits such as punctuality, neatness, friendliness, attentive listening, and ability to take and give criticism should be cultivated. The employee who is promoted is the one who makes the best use of his spare time by advancing his knowledge of the subject.

In conclusion Mr. Dewey pointed out from his own experience, "There isn't a big organization which isn't more worried about where to get men to promote than about what to do with the men they have."

### Debating

(Continued from Page 1)

P.M. in Room 6-120, taking the negative of the question: Resolved: That the United States should pursue a policy of strict military and economic isolation toward all nations outside the western hemisphere who are at war.

#### Radio Debate Scheduled

That athletic scholarships should not be granted in college will be the contention advanced by the Engineers in their first contest of 1940 at Brown University. Before this, however, proceeds from the University of Vermont will be met by the Cardinal and Gray orators in a radio debate to be broadcast over Station WAAB on December 22. The discussion at this time will be concerned with women's place in the professions.

### Xmas Dance

(Continued from Page 1)

middle of the floor to add further to the Holiday spirit of the occasion.

Faculty members who are invited are: Dean and Mrs. R. G. Caldwell, Prof. and Mrs. L. F. Hamilton, Prof. and Mrs. George Owen, Prof. and Mrs. J. R. Jack, Prof. A. A. Ashdown, and Mr. W. C. Wood.

The dancing will be to Larry Lane and his orchestra from nine until one, and refreshments will be available.

### Alpha Chi Sigma Pledges Five Juniors To Society

Five members of the Class of '41 recently pledged to Alpha Chi Sigma, an honorary fraternity for chemistry, as going through a period of informal initiation.

Those being initiated are George F. Quinn, William F. Orr, William Cade-gan, Charles A. Wales, Jr., and Lawrence C. Turnock, Jr. The informal initiation dinner will be held at the Hotel Kenmore Wednesday. Formal initiation will be held Saturday in the Faculty Dining Room of Walker at 6:30 P.M.

#### Selected for Scholarship and Personality

Members of the fraternity are taken from Courses V, X, XIX, and XX, and are selected on the basis of scholarship and personality. The next elections of the society will be held early next term.

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