

## Lessard Awarded Pershing Medal

Honored as Most Outstanding  
Student in New England  
Training Camps

Francis H. Lessard, '36, was selected the most outstanding student in New England of the Citizens Military Training Camps, it was announced recently by Major General Fox Conner, Commanding General of the First Corps Area.

Lessard, along with Thomas J. Johnson, named as the foremost student of the Reserve Officers Training Camps, will be rewarded with a guest trip to Washington on December 1, where the youths will be presented the Pershing Medal for "Distinguished Attainment in Military Education." General Pershing will personally decorate the students, General Conner said.

Lessard has attended three of the New England Citizens Training Camps and has been rated "excellent" in all military qualifications.

The guest trip to Washington and presentation of the Pershing Medal is awarded annually to the outstanding students of the C. M. T. C. and the R. O. T. C. by the Civilian Military Education Fund as a training incentive for general excellence in military work.

## TECH PUBLICATIONS GO TO MANY LANDS

Eighty thousand copies of the different publications issued by the Institute are either mailed or given out by the Information Office every year. These publications include the catalogue, the directory, and the circulars of departments, dormitories, summer courses and graduates.

The mailing list covers every high school, preparatory school, and library in the United States while every continent on the globe is represented in the foreign mail. As many as forty mail sacks are sent out in a single day with the appearance of a new edition of the catalogue. Norway, France, England, Russia, Italy, Spain, Palestine, China, Siam, and Egypt are but a few of those countries represented. The most distant place that any publication has been sent is the South Sea Islands. The catalogue, which took two weeks to arrive, was sent across the United States by train to San Francisco, then continued its journey by steamer and finally arrived at its destination by schooner.

## MAGOUN VISITING WEEKLY AT YALE

During the current academic year Professor F. Alexander Magoun of the Department of Humanities, has been working at Yale every Monday with Professor Elliot Dunlap Smith who conducts the course in Industrial Relations at the Sheffield Scientific School and who is also a member of the staff of the Yale Institute of Human Relations.

Later in the year Professor Smith plans to visit the class in Humanities at Technology. In this way these two men who are working in essentially the same field will have the benefit of mutual criticism and cooperation.

Professors Smith and Magoun are endeavoring to develop a method by which to train students in making complete, accurate, and valid analyses of problems in human relations so that the young graduate will have the best chances of success than is possible by the old so-called "unch" method.

## Settle Plans for "Untouchables' Frolic" Tonight

Commuters Promise to Present  
Mae West and Mahatma  
Ghandi at Dance

### FEATURE JACK MARSHARD

Mae West and Mahatma Gandhi will be present at the "Untouchables' Frolic" tonight in Walker from 9 to 2, according to a promise by the Commuters' Association. A large poster depicting this fact is in the Main Lobby, where the sale of tickets has been going on for the past week.

Music for the occasion will be supplied by Jack Marshard and his orchestra. Marshard, who at one time played at the Copley Plaza, is one of the most popular orchestra leaders playing at the present time for college and fraternity dances. Two years ago he played at the Dorm Formal as the drummer for Joe Smith's orchestra and entertained the dancers with popular songs and drum specialties. Later, organizing his own band, he was engaged to furnish the music at the Spring Intrafraternity Conference Dance. Last year he also played at the Dorm Formal. He has already appeared here this year at the Catholic Club Dance and made a very favorable impression. He will be present tonight in person with novelty numbers to insure a pleasant evening for all who attend.

Chaperones for the affair are: Professor and Mrs. Leicester F. Hamilton, Professor and Mrs. Carle R. Hayward, and Mr. and Mrs. Wallace M. Ross.

The Dormitory Board has voted to have open house from 7 to 11 as a concession to the commuters, since the latter have always patronized the dormitory dances.

Tickets, selling for \$1.50 a couple, will be on sale at the door for those who have not already purchased them.

## INITIAL MEETING OF DRAMA CLUB DEC. 1

Drama Club will present an entertainment in room 2-190 at its initial meeting on Friday, December 1, at 8:15. Dancing and bridge in the Emma Rogers room will follow the presentation.

The Drama Club is composed of women in the faculty and wives, mothers, and daughters of the professors.

## Drunk Convinces Police of His Sobriety; Almost Speeding down St. Paul street, Brookline, at midnight

Tuesday, a gentleman who had been "tipping the elbow" in excess swerved in off the road across a bordering park, reversed his field towards the street, bounced off an obstructing hydrant and into the parked automobile of Crew-Captain Westfall. The two bodies exchanged velocity. The Westfall car leaped forward, only to be stopped as it sheered off a street lamp.

Unable to escape the rapidly appearing fraternity brothers, the driver of the fell machine was held for the police who quickly asked him whether he had been drinking. "Not to my knowledge," was the prompt answer. "Then why are you so unsteady?" the wise police followed up. Unhampered by a police brainstorm, the reply came—"I'm nervous."

## S. A. E. Hears Talk by Prof. Taylor

Trend in Engine Design Subject  
of Speech at Society's  
First Meeting

Professor C. Fayette Taylor of the Department of Mechanical Engineering was the principal speaker at the first meeting of the Society of Automotive Engineers Wednesday evening in Walker, at which 30 members and interested freshmen were present.

Professor Taylor's talk concerned the trend in automotive and airplane engine design. He not only outlined the present methods of design but predicted the type that will be prevalent in the near future. In speaking of the possibility of widespread use of the Diesel engine, he said that he could see no future for it in passenger service, but that it would probably be used widely in heavy machinery, such as trucks, railroads, and stationary engines.

Taylor is a professor of aeronautical engineering, specializing in internal combustion engines. The meeting was conducted by David Ingalls, President of the Society.

## CHORUS TRY-OUTS FOR TECH SHOW BEGINNING SOON

Professional Dancing Teacher  
Who Will Coach Chorus  
to Conduct Tests

Chorus try-outs for Tech Show will be held Monday and Tuesday evenings, December 4 and 5, in Walker. Langdon Matthews, a professional dance coach of Boston, who will coach all the dances for the show, will conduct the try-outs.

"This is an exceptionally good opportunity for freshmen," said John M. Hitchcock, '34, general manager of Tech Show, "since there is a good chance to gain quick recognition in feature numbers." He urged men from all classes to try out, since "it requires about seventy-five men to make a good 'female' chorus."

## DIRECTORY COST REDUCED BY HALF

Confronting students at the Institute is a directory which is far different from those of former years. Instead of one hundred and twenty pages, the new directory has but fifty-eight. Whereas the pamphlet formerly cost the Institute about twelve hundred dollars, Assistant Bursar Rhind told a representative of THE TECH, the estimated cost of this year's number is only half of that value.

Formerly about one quarter of the directory was taken up with a classification of faculty members and instructors which was also found in the regular catalogue. By omitting these pages, and by using finer type, the size of the directory has been noticeably reduced. Mr. Rhind stated that although the cost of publication has been halved, yet every student may have a directory to furnish the information necessary to him.

Looking through the directory, we find that there are some men attending the Institute who bear the same name as well-known automobiles. There are Ford, Hudson, Packard, Dodge, Pierce, Franklin, and Austin.

For colors we have a veritable rainbow—Green, Brown, Black, Rose, and White. There also appear a number of combinations which ordinarily are associated with each other—Hill and Valley, Prince and King, Hunt and Chase, House and Gardiner, Foote and Walker, Church and Temple, Fox and Hunter.

## NATIONAL ACADEMY OF SCIENCES CONCLUDES THIS YEAR'S MEETING

## Chowder Party Held by Miners

Coffee Brewed Through Filter  
Papers at Party for the  
Mining Engineers

Amid the strange apparatus of the metallurgical laboratory, fifty-nine undergraduates, and members of the faculty and their wives assembled Wednesday evening at the annual chowder party of the Mining Engineering Society.

Coffee, brewed through filter papers into Erlenmeyer flasks by Professor Carle R. Hayward, and clam chowder, cooked on the hot plate by Rufus Creed, were served to the members and guests, together with hotdogs and ice cream. The guests included Dr. and Mrs. Waldemar Lindgren, Professor and Mrs. W. Spencer Hutchinson, and Professor Hervey W. Shimer.

Pictures of coal mining, shown through the courtesy of the Lehigh Coal Company, were annotated by the extemporaneous remarks of Professor Charles E. Locke. These were followed by a Charlie Chaplain comedy.

Robert C. Becker, '34, president of the Mining Engineering Society, and Ralph N. Geil, '34, were in charge of the party.

## MASQUE AWARDS GIVEN WINNERS

At a banquet and meeting of the Masque Society in the faculty dining room of Walker last night, the Masque Award for Tech Show was given to Deborah V. Rubenstein, '34, and Joseph Dauber, '34, co-authors.

The award of \$50 was announced last term in an effort to increase the number of scripts submitted this year. The winning script will be produced at the 1934 Tech Show.

The winning authors worked on the manuscript for about three months, but had it under construction for a much longer period. They worked jointly on all phases of the play, rather than dividing the work according to personal preference. The writers explained that since the play will be produced at the Institute, it was natural to write about life at Technology. Three of the five scripts submitted dealt with the Institute.

## T. C. A. Will Continue Social Supply Service

Two men who are six feet tall, plus or minus two inches, and four others whose heights are not so definitely qualified are being sought by the T. C. A. to act as escorts for six young women from Boston University and Simmons College tonight.

The occasion is a dinner followed by a concert and a dance conducted by the Metropolitan Student Y. M. C. A. in the Y. W. C. A. building at Clarendon and Stuart streets. Lacking escorts, six of the young women have appealed to the T. C. A. to secure the six men who fulfill the specifications and who are willing to pay fifty cents for the dinner.

Any men interested in helping the T. C. A. keep its good reputation for service may secure further information from the secretary at the T. C. A. office.

## High Speed Movies Shown at Final Meeting Provide Wel- come Diversion from Weighty Papers

A relief from the highly technical reports of the three day meeting which concluded Wednesday was afforded the members of the National Academy of Sciences by a demonstration of high-speed photography achieved by the super-camera.

A product of the experimental work of Professor H. E. Edgerton, and K. J. Germeshausen, of the Electrical Engineering Department, the super-camera is capable of taking up to 600 pictures a second and permits the observation of very delicate, high-speed motions. Slow motion films Wednesday morning showed a house fly and a snake's tongue in motion. Another part of the film showed how quickly a cat regains its equilibrium when dropped from an inverted position.

### Camera Used to Study Cavitation

This camera gives a very important tool to the scientist studying the behavior of matter in motion. It is already being used in the study of cavitation at the Institute.

Essentially different from the ordinary camera, the film moves continually, the image being lighted intermittently by the stroboscopic method, which prevents blurring of the picture. The film runs at speeds up to 200 miles per hour.

Dr. John C. Merriam, president of the Carnegie Institution of Washington, presented new evidence concerning the age of man in North America, declaring that man may have existed in the southwest during or immediately after the Pleistocene Ice Age, about a million years ago.

### Eocene Primates Discussed

Other papers included a discussion of Eocene primates from California, delivered Wednesday morning by Professor Chester Stock of the California Institute of Technology, Dr. Edward B. Howard of the University of Pennsylvania gave a speech on the association of artifacts with mammoths and bison in eastern New Mexico.

In a paper on "Combined Light and Sound Distribution," General George O. Squier, retired from the U. S. Army Signal Corps, predicted the combination of electrical utilities "into heroic models for our parks and super-highways."

## BOOS IS MENORAH SOCIETY SPEAKER

Eminent Toxicologist to Talk  
on "Biology of Sex"

Dr. William F. Boos will be the speaker at the Menorah Society meeting in the Margaret Cheney Room tomorrow at 7:45. His subject will be "The Biology of Sex."

The meeting, which will be held jointly with the Boston Teachers' College, is the second of the year. As usual, dancing and refreshments will follow the speech. About 100 people are expected to be present.

Dr. Boos is an expert on medical and biological chemistry, and chemistry of foods, as well as one of the country's most outstanding toxicologists. He has had a long and remarkable career in his chosen field and is thus well qualified to speak on his subject. He is well known to Technology students, having spoken here several times.

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Official News Organ of the Undergraduates of M. I. T.

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News and Editorial—Room 3, Walker Memorial, Cambridge, Mass.  
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Business—Room 302, Walker Telephone, University 7415  
Printer's Telephone, Liberty 3355

SUBSCRIPTION, \$1.50 Per Year

Published every Tues. and Fri. during the College year, except during College vacation  
Entered as Second Class Matter at the Boston Post Office  
Member Eastern Intercollegiate Newspaper Association

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THE STRATTON PRIZE CONTEST

THE Stratton prizes are cash awards offered to the undergraduate body of the Institute for the best oral essays. These prizes were first offered by Dr. Samuel W. Stratton, former president, and chairman of the Board of Directors of M. I. T. Upon his death in 1931 a fund was created to perpetuate the contests, to be dedicated to the honor of Dr. Stratton.

Dr. Stratton's intention in offering a public speaking prize to the students of the Institute was an effort to broaden their outlook. Everyone studying the same things from the same books tends to produce uniform mechanical minds. The oral delivery of a self-composed essay gives a wonderful chance for originality and free thought. It gives a man poise and control, maneuverability of his tongue, and above all, a self-confidence which may only be acquired by public speaking.

The personal benefit obtained from entrance in the Stratton prize contest is easily worth the time involved, let alone the substantial cash awards for the winners.

ATTENTION, MR. PRESIDENT!

THE Daily Washington Merry-Go-Round, a syndicated column written by those enterprising journalists who some time ago embarrassed the capital city with their exposé of personalities in politics, yesterday threw much light on the recent Treasury Department goings on by telling what was evidently the "inside story."

It said that Acheson, not the only man who disagreed with the President's monetary policy, but the only one with courage enough to tell him that he did, was asked to resign because his convictions were at variance with Mr. Roosevelt's. It seems, according to the column, that word of Acheson's grounds for disagreement had leaked out to Wall Street and that Roosevelt had laid the blame at the door of what the column calls the "most tight-lipped member of the Treasury."

Up to now the country at large, and newspapers in particular, have supported the President in his efforts. Gradually it seems that there has come a feeling of skepticism, of uncertainty. Now it could be said that this has been the outgrowth of the reaction of certain selfish individuals to the N. R. A.: perhaps this is true, but at any rate this is no reason why any and all dissenting opinion should be disregarded by Mr. Roosevelt. The value of constructive argument is universally recognized, except, it seems, by the President.

A great deal, and even most, of what the President has done has had a good effect, but all of it is experimental. In attempting to be his own Secretary of the Treasury (Mr. Morgenthau is from all accounts a negligible quantity) President Roosevelt is initiating a dangerous move and creating a precedent which is open to abuse.

Now, Dean Acheson is not an ignorant man nor is he what might be termed a "Big Business" objector. As Secretary of the Treasury his advice and counsel would have been of unlimited value.

It seems that President Roosevelt is making a mistake in this matter. This country does not now, and for that matter never will, want a dictator. We have heartily supported him up to now. May he never abuse our support; it is a fickle thing.

ELECTIONS AND PROMOTIONS

VOLUME LIII regrets to announce the resignation of Walter H. Stockmayer, '35, as Sports Editor.

We are pleased to announce the promotion of Weldon Ray, '35, to the position of Sports Editor. We are also pleased to announce the election of Walter H. Stockmayer, '35, to the position of Sports Writer, and Doris J. Hill, '37, and Elmer C. Wirtz, Jr., '37, to the staff as Reporters.



Harvardia

If there is one thing we cannot understand, it is why relations with Harvard people, and by this we mean the undergraduates, are always so unsatisfactory. According to all the best principles of selection, Harvard people will soon die out when exposed to the bitter struggle of an essentially pugnacious world, since their own standards seem to be so divergent from all others.

For instance, there is this matter about THE TECH's football team, which, having played a team from Voo Doo to a scoreless tie, cannot find a single other publication to give them a game.

Going farther afield, duly selected emissaries approached the staff of the Harvard Crimson, to see if their team would play our team.

They were delighted. They had a team which played games with lots of other teams, including the Yale paper, the Princetonian, and others. We were delighted. Everybody was happy.

However, just as the deal was being clinched, a shadow of doubt appeared in the mind of the Harvard man.

"Say," he said, "what kind of football do you play?"

"Just football," we told him, wondering.

"Well, I'm afraid we can't meet on that arrangement," he told us somewhat sorrowfully. "You see, we only play touch. How about playing touch?"

But the enthusiasm in this office died in a most remarkable fashion at the reception of this news, and so things have been left hanging, although Harvard will tell you it is all because we wanted to play on Sunday morning.

Hash

Although there was great excitement about the results of the Walker inquisition last year, perhaps the situation does not exhibit the beautiful symmetry it is sometimes thought to.

As a specific instance of this bit of moral philosophy we have the following correspondence:

"Lounger,  
A cigarette butt was found in Walker Hash."

Question and Answer

Professor Magoun, exponent of solutions of the vital questions of moral significance, by the engineering method, has heretofore escaped the ever-broadening scope of this effluvia.

However, someone with an assiduous eye for the rare, the real, and humorous, has presented us with Professor Magoun's answer to a question concerning insomnia, when he had just finished the statement that habits were developed by a repetition of a pleasant experience.

"Yes," said the Professor, "insomnia is a habit, and contrary to your experience, I know that, in my case the foregoing definition holds."

OPEN FORUM

To the Editor of THE TECH:

Now that Field Day has passed I suppose that the Institute will lapse back into its old ways, the students going mechanically from one class to another, cursing the old "factory" just because it is done, or showing the usual indifference towards it. Why is this so? Why is it that every year after Field Day this same thing always happens? Probably the answer lies in the fact that there seems to be nothing around the Institute which tends to create any feeling of unity among the student body. Studies alone do not seem to be enough. There must be something else.

Acclaimed by the Hard-Boiled "New Yorker," "Little Women" Comes to Keith's Next Week



KATHARINE HEPBURN, Joan Bennett, Frances Dee, Jean Parker in LITTLE WOMEN

What is it at other colleges that creates spirit and an enthusiasm for the college and all it does? The answer is naturally enough, sports and activities. But you say, we have both of those at M. I. T. True, but they do not seem to create the proper interest. This fact is probably due to the inability to produce good enough teams, no matter how fine the material, with the very small amount of time now available for practice. The student body has become so used to seeing M. I. T. lose or show up badly that it has lost all interest in any sport whatever.

To be sure, there was a little interest shown last spring in the crew. This, however, would have been much greater had the students had the confidence in the crew that the crew deserves. At that time, the crew said that lack of time to practice was a great handicap to them, in trying to compete with other colleges. It was suggested at the time that the Institute day be moved back one hour, from 8 to 4 instead of 9 to 5. This I think would be at least part of the solution to the Institute's present problem.

I can hear now the protests from

the commuters, of whom I am one, who would have to get up earlier in the morning, in order to get to class by 8 o'clock. I might state, however, that most other colleges have 8 o'clock classes, many, like the University of Pennsylvania, that have a larger percentage of commuters than the Institute. It would be mighty little for the commuters to do, considering the benefits that both the Institute and the students would obtain.

I believe that not only would the athletics benefit by this change, but also the other activities, such as, the publications, the Show, the Musical Clubs, etc. To anybody who has been connected with any of these, it is quite evident that an extra hour would be a decided advantage in turning out better work. There would

(Continued on Page 3)

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### FIELD DAY TEAM VICTORS RECEIVE CLASS NUMERALS

#### A. A. Gives Awards to Eighty-two Men; Appoint Three Assistant Managers

At a recent meeting of the Executive Committee of the Athletic Association the following men were awarded numerals for work on field day teams:

Freshman football team: S. D. Zormansky, C. F. Dakin, E. F. Babel, F. Wasserman, H. B. Bishop, E. L. Hobson, J. R. Thomson, J. M. Simpson, Jr., J. A. Newman, Jr., H. Corman, S. Fritz, G. T. Rundlet, W. A. Rundlet, D. D. Klous, L. Strauss, Jr., J. B. Cohen, C. F. Hollis, J. E. Lynn, J. C. Webb, W. M. Ready, C. F. Connor, J. A. Smedile, R. F. Vincens, Jr., and D. Tower.

Sophomore football team: J. J. Hanlon, B. D. Merrill, W. B. duPont, and J. V. Sharp.

#### Tug of War Team Awarded

Freshman tug-of-war: J. C. Agnew, Jr., A. N. Ahmadjian, K. G. Arabian, N. A. Birch, C. B. Bryan, C. C. Dodge, J. D. Fischer, J. R. Fischel, J. H. Gander, A. J. Garber, C. F. Healy, L. E. Hough, M. E. Jacobs, H. W. Janson, T. R. Kinraide, R. W. Monsarrat, H. F. Phipard, Jr., M. C. Rulon, J. E. Sainy, H. T. Smith, H. T. Sokolosky, W. E. Thomson, J. F. Keithley, C. Eisler, Q. Berg, R. Katz, R. C. Fowler, counter, and C. M. Antoni, manager.

Sophomore relay: S. T. Johnson, captain, T. E. Brown, H. C. Runkle, R. E. Beckman, P. S. Vincent, R. B. Hitchcock, R. C. Svenson, W. E. Hazen, G. P. Villafior, F. K. Parker, P. W. Williams, G. S. Donnan, M. Wallace (alt.), J. I. Hamilton (alt.), and N. A. Cooke, manager.

Sophomore Field Day Crew: W. B. Beckwith, A. J. Dolben, J. A. Easton, Jr., H. F. Hubbard, coxswain, E. Petebone, manager, F. L. Phillips, S. Rethorst, G. C. Thomas, R. K. Wead, and A. E. Whitcomb.

The following men were appointed assistant managers for the 1933-34 season: Murray I. Brown, '35, Cross Country; James Baker, '36, Lacrosse; and David Varner, '36, Crew.

#### Results of Monday's Harrier Championships

Statistics of last Monday's championship cross-country meet of the Technology runners as compiled by Oscar Hedlund, giving position and time, are as follows:

| Varsity               | m. | s. |
|-----------------------|----|----|
| 6 Morton Jenkins, '35 | 30 | 42 |
| 57 John Talbert, '35  | 31 | 53 |
| 68 John Barrett, '34  | 32 | 04 |
| 97 Clark Nichols, '35 | 32 | 33 |
| 99 Wendell Fitch, '36 | 32 | 35 |
| 106 Ralph Ranger, '34 | 32 | 42 |
| 116 Thomas Blair, '35 | 32 | 52 |

#### 277 Twelfth Place in a Field of Seventeen

| Freshmen:         | m. | s. |
|-------------------|----|----|
| 15 Henry Guerke   | 15 | 23 |
| 34 Norman Mathews | 15 | 42 |
| 38 Wilder Moffat  | 15 | 46 |
| 40 Paul Roberts   | 15 | 48 |
| 41 Thomas Oakes   | 15 | 49 |
| 43 Eugene Cooper  | 15 | 51 |
| 54 Norman Robbins | 16 | 02 |

#### 265 Sixth Place in a Field of Eleven

#### OPEN FORUM

(Continued from Page 2)

be more time for the various departments of the publications; more time for the members of the Show to practice, without cutting into so much of the evening's study hours; and more time for musical club rehearsals.

Another thing that might aid in fanning up a little spirit at the Institute would be considering the possibility of re-establishing Varsity football, when and if the new hours could be put into effect. Don't think for a minute that I am advocating the return of football to the position

#### Manager Announces Hockey Schedule

The season's hockey schedule as announced recently by Manager Richard Lawrence, '35, is as follows:

| Varsity  |                           |
|----------|---------------------------|
| Dec. 4   | Boston University, Arena. |
| 9        | Princeton, away.          |
| 12       | Harvard, Arena.           |
| 15       | Brown, away.              |
| 29       | Northeastern, Arena.      |
| Jan. 6   | Army, away.               |
| 10       | New Hampshire, away.      |
| 13       | Mass. State, Arena.       |
| Feb. 10  | Williams, away.           |
| 19       | Boston University, Arena. |
| Freshman |                           |
| Dec. 15  | Brown, away.              |
| Jan. 4   | Boston University, Arena. |
| 10       | New Hampshire, away.      |
| Feb. 2   | St. John's, away.         |

#### Promising Season Seen for Boxers

#### Return of Wetherill, Collins, Carey Brighten Prospects This Year

With all of last year's varsity back, Coach Tommy Rawson is looking forward to a very successful boxing season, especially since three runner-ups in last year's National Intercollegiate Boxing Tournament finals are included in the group.

Leading the team this year is Captain Wetherill, '34, 135 pounds, who has put in four successful years. In spite of injuries last year, he won all of his fights except the final bout in the National Intercollegiate.

Ed Collins, '35, light heavy weight, was also runner-up in the Intercollegiate. In 1932 he tried out for the Olympics and reached the quarter-finals in the New England division. Carey, Ex-Captain, Ready for Season John Carey, '34, last year's captain, has been handicapped by an infected foot, but at present he is ready for the start of the boxing season. Carey has the enviable record of having lost only two bouts in his ring career, one of these being the semi-finals in the Intercollegiate.

Others of last year's varsity are Jewett, Bradford, Brooks, Gaughan, and Muldowney. Nick Garono, last year's freshman captain, is also on Tommy Rawson's list of promising aspirants.

In addition to thirty varsity men, there are over twenty-five freshmen out to learn the rudiments of boxing. Among those who have been attending practice consistently are Dzendolek, Strauss, Klashman, Gleason, Hosmer, Ewald, and Rundlett.

it occupies in some colleges, where the motto is "Football first, and studies second." Athletics at the Institute have been for many years subordinate to studies, and should remain so, but, football in the most modern sense of the word means a fine, clean game, which is kept decidedly subordinate to scholarship. The days of football as a god to be worshipped are over for good. A new day has dawned for the sport.

It is undeniably true that a football game will attract a crowd quicker and stir up more spirit of enthusiasm and loyalty than any other game. This is just what the Institute needs, something besides studies that will unify the student body.

The cry that a technical school can never produce a good team is an insult to the athletic ability of the men at Technology. Other technical schools, such as Carnegie Tech,

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#### SENIORS FAVORED IN INTER-CLASS SWIMMING MEET

#### Vaughan, Strohmeier and Edmonds Give Graduating Class Advantage

With heats being held at the University Club pool tonight, the interclass swimming meet will soon decide the class supremacy among the engineer natators. Much comment has been aroused as to which team is going to come out ahead. The Seniors seem to hold a slight margin over the freshmen. With Captain Fred Vaughan and Dan Strohmeier, former Amherst star, in the distances, the graduating class seems sure of two first places, while Edmonds should gather first in the back-stroke, with Antonsen of the juniors running second.

#### Seniors Weak in Dashes

In the sprints, the Seniors are at their weakest. The dashes should be fought out by DuRoss and Granberg of the Juniors and Endweiss of the Sophomores, while the freshman "unknowns" will bear watching. Dodge, for one, is a "fifty-five" man for the hundred. In the breaststroke a close race should result between Muller of the class of '35, and Vonnegut and White of the Sophomores, while Paige of the Juniors and Wells of the class of '36 will fight it out with the freshmen entries in the dives. In the medley relay, the juniors are favored to win, while the yearling four are favorites in the free-style relay.

#### TRACKMEN PLAN HANDICAP MEET

Institute track men will work out on the cinder track for the last time Saturday afternoon when the final handicap meet of the year will be held, after which Oscar Hedlund will take his men on the board track. Track competition on Saturday will include 300 yards, 660 yards, and 1 1/2 mile runs while the field events will be the high jump, shot put and broad jump.

Georgia Tech, R. P. I., and Purdue seem to have men with sufficient prowess to put out good teams, and there is no reason that such men do not exist at the Institute. One look at the Field Day teams will show that such men do exist, and that with a little training, they would be able to build up a first-class team, one the whole student body would be proud of.

With football in the Fall, basketball in the Winter, and track and crew in the Spring, there is little doubt that the spirit and sense of unification at Technology would be much improved. It would, however, be an absolute necessity to insure these teams adequate time to practice. This could be accomplished by the shift in hours.

Whether or not any of my suggestions are taken with any seriousness is not my main consideration. I have, however, been mulling over these thoughts for three years, and felt they should be expressed at this time. I hope no one will take any offense at anything stated in this letter, as I meant all the suggestions for what seemed best for the Institute and the entire student body. I feel that we should no longer hear the Institute referred to as the "factory," but in a manner which would exemplify the feeling of affection and loyalty which a man should have for his Alma Mater.

Very truly yours,  
R. L. M., '34.

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## SPORTS COMMENT

Mac is having a difficult job with his basketball team. It started out very well, but a noticeable slowing-up has been evident of late. The present varsity line-up stands pat with O'Brien and Garth as forwards, Lawrence and Kennedy as guards, and Murphy at center, but there are many substitutes who are about as good, and there will doubtless be changes in this line-up before the season actually starts on December 15 against the Alumni. Speaking of the Alumni we understand that Pat Amenta will be coming up to lend that team his assistance. Another former star at the Institute who will be playing is Dave Motter, who used to shine brightly in the Hangar.

As most everyone knows, measurements in all track competition in the future will be measured by the metric system. To simplify comparison between the old and new systems, Oscar Hedlund has been working hard with conversion factors, changing the records made under the English system into figures that fit the metric system. Through the courtesy of Hedlund, THE TECH will shortly be able to run the Institute records as they will look under the metric system.

#### Hockey Men Open Against Terriers

#### Face Strong Boston University Squad in Boston Arena On December 4

With the opening game of the season scheduled for a week from Monday, the hockey team is practicing hard to round up into shape. Coach Vic Duplin hopes to start the season with a victory, and thus make the chances for a successful season brighter. The first game will be with Boston University at the Arena on December 4.

After two weeks of work under Coach Hedlund of the track team in the gym, the men took to the ice last week and are rapidly rounding out into good condition. Their playing is still a little ragged, but Coach Duplin expects that this will all be ironed out in coming practices, before the opening of the season.

Many Veterans Return  
The Beavers have every member of

last year's varsity team back except Mort Jenkins, who has decided to stay with the track team. Thus with an all veteran team, bolstered by members of last year's freshmen aggregation out, the prospects for a good season are especially encouraging.

The team will be led by Captain Frank Milliken, veteran goal tender, whose fine playing last year was one of the few bright spots of a gloomy season. Ex-captain Johnny Hrones, star defense man who was forced out of the game early last year by injuries, is also back. Ranny Thompson, regular wing, and Paul Daley, center, along with Dave Mathias, a spare defenseman, are out to every practice and are showing some real hockey. Hal Reynolds and Ed Sylvestor, defense men, make up the rest of the veterans.

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There's Dinner Dancing in the Main Dining Room and Supper Dancing in the **SALLE MODERNE**

## Tonight! AT THE COPLEY HARVARD-YALE BALL

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| STARS | Irene Purcell | BANDS |
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| STARS | Don Redman    | BANDS |
|       | Ruby Newman   |       |
|       | Meyer Davis   |       |

COUPLE \$5.00 STAG \$3.00  
Tickets at Leavitt & Pierce—Copley-Plaza and at the Door

CALENDAR

Friday, November 24  
 5:00—Radio Society Meeting, Room 10-250.  
 9:00—Commuters' Association, Dance, Main Hall, Walker Memorial.

Sunday, November 26  
 5:00—Dramashop, Rehearsal for the "Ivory Door," Commons Room, Rogers Building.

Monday, November 27  
 5:00—Debating Society, Meeting, Room 2-330.  
 5:00—Alumni Council, Dinner, North Hall, Walker Memorial.  
 5:00—Dorm Dinner Club, Grill Room, Walker Memorial.  
 7:00—Dormitories, Basketball, Walker Gym and Hangar Gym.

START ELECTRICAL COLLOQUIA SERIES

The Department of Electrical Engineering announced the ninth annual series of colloquia offered to senior, graduate and junior honor students. These colloquia are presented from two to four o'clock on two successive days by authorities on their subjects. Colloquia for the first term: November 20-21, Mr. Charles H. Bartlett, Research Engineer, Weston Electrical Instrument Corp., "The Photronic Cell." December 4-5, Dr. C. G. Suits, Research Physicist, General Electric Co., "Non-Linear Circuits." January 8-9, Mr. C. Ander-

son, Electrical Engineer, Westinghouse Electric and Manufacturing Co., "Remote Metering."

UNDERGRADUATE NOTICE

Those who are interested in signing up for the crack drill regiment being organized with the ultimate aim of becoming a chapter of the honorary military society, Pershing Rifles, may do so for the remainder of this week on the sheet posted on the M. S. bulletin board just outside of the information office. Last Friday was the first day of the sign-ups and saw twenty-five names on the list by five o'clock of that same day.

New Cables Run in Dynamo Lab.

Because of experiments being done in the Dynamo Laboratory, new cables are being run from the main switchboard to feed more outlets with electrical power and to supply sources of power of varying voltages. The old circuits were incapable of carrying the added current. The cables now being installed are run overhead in the laboratory to eliminate the extra cost of conduit.

DINNER DANCE FEBRUARY 9, 1934

The annual Dorm Dinner Dance will be held February 9, 1934, it was announced today after the first meeting of the Dorm Dance Committee. The Dorm Dinner Dance is an annual affair, equalling or surpassing the Junior Prom. Part of the executive Dormitory Dance Committee is composed of the following members: Publicity, F. W. Vaughan, '34; Seating and Tickets, P. B. Walker, '34; Dinner, C. H. Lucke, Jr., '34; Orchestra, G. P. Woodbury, '34; Decorations, M. A. Sayles, '34; Chaperones and Guests, H. F. Plass, '34; and Head Usher, E. B. Chiswell, Jr., '34.

T.C.A. HAS CARDS FOR Y.M.C.A. VISIT

Two hundred courtesy cards will be distributed to students for the asking, by the T. C. A. Each card entitles the holder to all the facilities of the Boston Y. M. C. A. for a day, free of charge. Anyone wishing to join the Boston Y. M. C. A. may have his contribu-

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tion, under three dollars, to the T. C. A. drive, placed to his credit.

INFIRMARY LIST

William A. Shea, '35

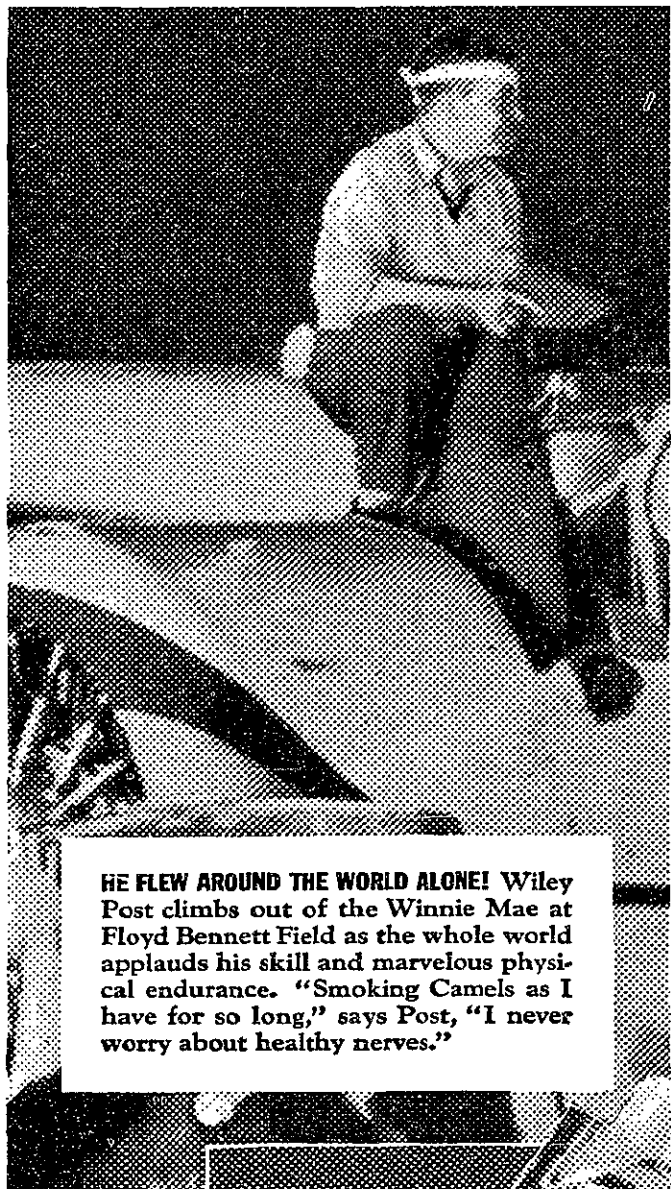
The First Church of Christ, Scientist

Sunday Services 10.45 a.m. and 7.30 p.m.  
 Sunday school, 10.45 a.m.; Wednesday evening meeting, 7.30 p.m.; in the church edifice, Norway, Fal-mouth and St. Paul Streets. The church is open to visitors Wednesday and Friday from 10 a.m. until 3 p.m.  
 Reading Rooms—Free to the Public, 209 WASHINGTON ST., opp. State St., STATLER OFFICE BLDG., PARK SQ., 60 NORWAY ST., cor. Mass. Ave.  
 Authorized and approved literature on Christian Science may be read, borrowed or purchased.

Do you know that the WALKER MEMORIAL DINING HALLS

is one of the important Departments operated by the Institute?

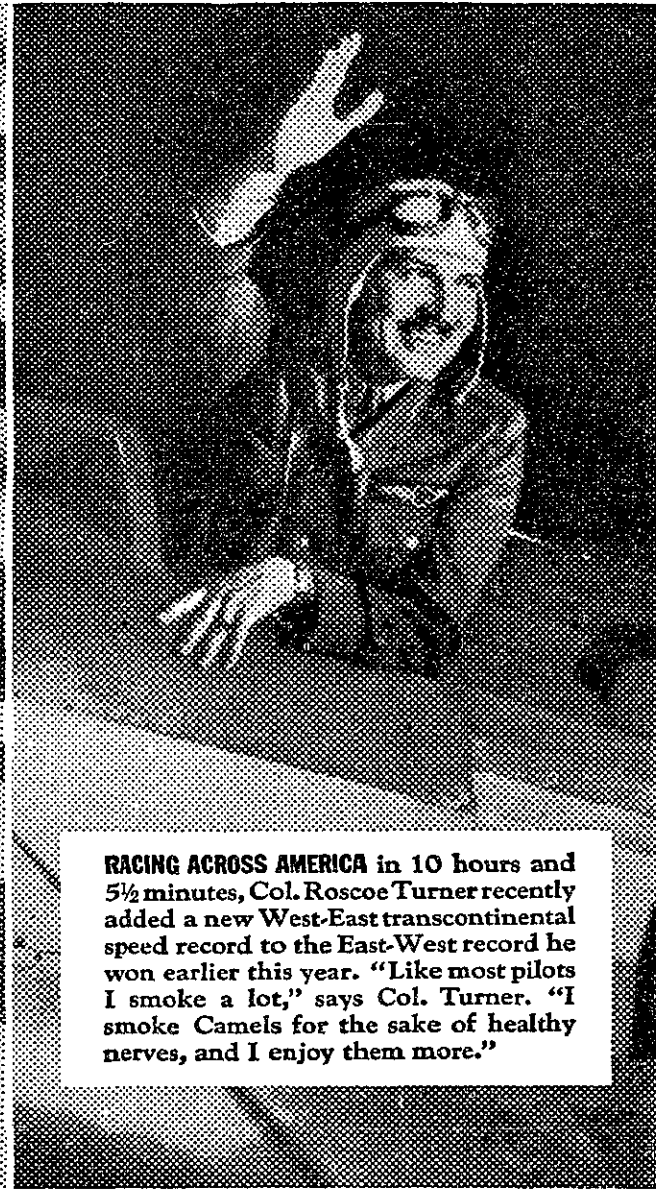
IT TAKES HEALTHY NERVES TO BREAK RECORDS IN THE AIR!



HE FLEW AROUND THE WORLD ALONE! Wiley Post climbs out of the Winnie Mae at Floyd Bennett Field as the whole world applauds his skill and marvelous physical endurance. "Smoking Camels as I have for so long," says Post, "I never worry about healthy nerves."



FLYING EIGHT DAYS AND NIGHTS without a stop, Frances Marsalis and Louise Thaden set the world's endurance flight record for women. Miss Thaden says, "For some years I've smoked Camels. They taste better." Also a Camel fan, Miss Marsalis says, "I've never changed because I can't afford to take chances with my nerves."



RACING ACROSS AMERICA in 10 hours and 5½ minutes, Col. Roscoe Turner recently added a new West-East transcontinental speed record to the East-West record he won earlier this year. "Like most pilots I smoke a lot," says Col. Turner. "I smoke Camels for the sake of healthy nerves, and I enjoy them more."

A MATCHLESS BLEND

IT IS MORE FUN TO KNOW  
 Camels are made from finer, MORE EXPENSIVE tobacco than any other popular brand.



Steady Smokers turn to Camels

Men and women who are famous for their brilliant flying agree about smoking and healthy nerves. "I never worry about healthy nerves," they say, "because I smoke Camels."

They cannot afford to make a mistake in choosing their cigarette. They have to know. And

it is more fun to know, because of the greater smoking pleasure they find in Camels. Camels are milder... better in taste. They leave no "cigaretty" aftertaste.

Change to Camels... and see for yourself that they do not get on your nerves or tire your taste!

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