

M.I.T. Debate Team Defeated In Semi-Finals

Dean Baker Stresses Social Understanding In Banquet Address

Dr. Everett M. Baker, Dean of Students, was the main speaker at a banquet in the Campus Room of the Graduate House Saturday night, February 26, which brought to a close the Second Annual M.I.T. New England Debate Tournament. Mr. R. T. Marsh, of the English and History Department, and Director of Debate at M.I.T., presented the trophy to the winning University of Vermont team.

Dean Baker said in his address that there was a definite lack at M.I.T., "as there is in the world," of the feeling of "Community." He continued, "We can do things in M.I.T. which are not being done in the rest of the world—strange and fearful things."

A Grain of Salt

He used the analogue that although we can understand things we cannot see, like what happens in a crystal of salt when we raise or lower its temperature, we don't begin to understand what happens when we raise or lower the temperature of the social, political, and economic phases of our own lives. He lauded the principles of debating and discussing ideas, that we may "develop an adequate means of communication for a common ground of understanding."

The top Vermont team met Tufts College in the final round Saturday afternoon, coming out with a four to one victory. Irwin Manning, '51, the Tournament Manager, said the victory was not surprising since the University of Vermont is the largest debate school in New England, under the able coaching of Professor Robert Huber, Head of the Department of Speech and Dramatics at that school.

Tech in Semi-Finals

The Technology team, with Edward L. Perkins, '50, and James T. Jensen, '50, on the affirmative and Robert M. Gladstone, '52, and Roy Weinstein, '51, on the negative, was in the top 4, dropping out at the last semi-finals after meeting the winning Vermont team. The M.I.T. Debate Society was exceptionally active before the war and is now making a good comeback. The whole team was entered in the national tournament at West Point last year.

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Walker Memorial Student Staff Works 1000 Hours, Holds Informal Dances

Members of the Institute family who eat their meals at Morss Hall are rarely conscious of the presence of the Walker Memorial Student Staff. These are the students who clear the tables and help in the serving of food.

This gregarious and closely knit group under the captainship of Joe Vitka enjoy their work. These 75 students, who work a total of 1000 hours a week, consider it more of an activity than work. Even with the extra hours put in each week at Walker they maintain in general a high scholastic rating.

Informal Dances

The student staff takes part in many activities, the most prominent being the monthly dances held in Morss Hall under the sponsorship

DEBATERS REGISTER



Members of the University of Maine's debating society register for the M.I.T. Debate Tournament. Pictured from left to right are: Irwin Manning, '51, tournament manager; Palmer Shannon, '52, member of tournament committee; David Kret, M.I.T. Debating Society; Kathleen Kennedy and Parmi Jenness, University of Maine Debating Society.

Building Five Nautical Museum Gets New Look for Convocation

Present remodeling operations on the Francis Russell Hart Nautical Museum, located on the first floor of Building Five, are intended to display more advantageously the work of the naval historians and model builders. The work is scheduled to be completed by the time of the Mid-Century Convocation and Inauguration.

Rearrangement and redecoration of the museum is under supervision of the museum committee with Professor J. Harvey Evans in charge of the improvements. Plans call for relighting all the display cases and the addition of two new cases to be accessible from both the corridor and the museum. The rearranged exhibits will be left open to visitors at all times without an attendant.

New Exhibits

Professor Evans hopes to be able to secure fresh exhibits from time to time in the future to keep up interest. A series of models on the evolution of ships will probably constitute the main theme of the museum. Most of the material is on loan from families and companies prominent in naval architecture and from the Navy.

The museum, which was provided for by the will of the late Charles H. Pratt, was opened along with the school of Naval Architecture and Marine Engineering in 1921. A committee of the Corporation,

(Continued on Page 6)

Orchestra Presents '49 Winter Concert

Classical Music Fete Includes Solos, Dances

The M.I.T. Symphony Orchestra will present its Winter Concert on Saturday, March 5, 1949, at 8:30 p.m. in Morss Hall, Walker Memorial. Dr. Klaus Liepmann will conduct.

Featured soloists will include Michael M. Koerner '49, in Mozart's Piano Concerto No. 24 in C Minor. "Prelude," a composition by Charles E. Chase, Jr., '50, will have its debut. It is the first part of a longer work entitled "Prelude and Fugue."

Schubert's "Unfinished" Symphony; "Two Argentine Dances," arranged by Ansermet; "The Plow That Broke the Plains," by Virgil Thompson with guitar, banjo, and saxes; and "Polka and Fugue," from "Schwanda," by Weinberger will also be heard.

Tickets are ninety cents each and will be on sale in Building Ten this week from 10:00 a.m. to 2:00 p.m.

F. C. S. Northrop, Famous Philosopher and Author, To Speak Here Tomorrow

Dr. F. C. S. Northrop, world famous philosopher and author of "The Meeting of East and West," will speak at Technology tomorrow. The lecture, on the subject of "Science and World Order," will be held in Room 10-250 at 5 p.m., and admission will be by ticket only. Tickets may be obtained, free of charge, at the information office.

Smith Girls Give Water Ballet

Swimmers Join Girls In Alumni Pool Show

Twenty femmes from Smith College frolicked on the waters of Alumni Pool last Saturday as the annual Water Ballet at M.I.T. was held. The girls, all members of Smith College's Life Guard Club, displayed the beauty and grace of an aquacade to an audience totaling 550 for the two performance. At 3 p.m. and 8 p.m.

The M.I.T. swimming team cooperated with the girls by staging performances of their own (mostly relay races). M.I.T.'s main contribution to hilarity came when Carl Mellin, '50, and Lenwood K Schwartzman, '51, busts 46" and 48" respectively, parodied the "Shadow" of Smith lovelies. Carl accused Lenwood of "getting a false start" when Lenwood lost his balloon, bumping in.

Feature Attraction

The girls were the attraction however; and three routines in particular demonstrated the agile rhythm of the Smith team. Two duets: Jessie Bierwert and Shirley Hull in the highly coordinated "Shadow" routine, and Nancy Sproul and Gerry Wellborn in an interpretative swimming" number called "Nightmare" highlighted individual excellence.

The martial coordination of mass aquacade was emphasized by the "Alexander's Rag Time Band" number.

On Sunday morning Paramount, Movietone, Universal, and News of The Day cameramen visited the pool to photograph the acts.

Paired Off

Robert F. Edgar, '50, captain of the M.I.T. swimming team, made all arrangements for entertainment of the visitors. "We were paired off by height and weight," commented Jean Elmer, the Head of the Smith

(Continued on Page 6)

Spring Soiree To Be Held On Evening of March 12

The class of 1952 is following in the footsteps of '51 by presenting a freshman dance officially known as the Spring Soiree. It will be held on March 12 in Morss Hall with music by Bartholomew. Arrangements to obtain a downtown hotel for the dance could not be completed in time.

Tickets at \$2.40 per couple will go on general sale today in Building 10. Rumors indicate that the committee is reportedly working hard on a sign to end all dance signs. Members of the committee include Harold R. Lawrence, Chairman; William F. O'Neil, Harold R. Ronan, Earl R. Heath, and Edwin C. Dykhoff.

Dr. Northrop is Master of Stillman College, Yale University, and holds the chair of Sterling Professor of Philosophy and Law at Yale. He has served as visiting professor in the Universities of Iowa, Michigan, Virginia, and Hawaii, and as a member of the Board of Directors of the School of Asiatic Studies.

Other books for which Dr. Northrop has received large notice include Science and First Principles, published in 1931, and the Logic of Science and Humanities, published in 1947.

Dr. Northrop is a member of Phi Beta Kappa, as well as numerous other scientific and honorary groups. He received his bachelor's degree from Beloit College, a master's degree from Yale in 1919, a master's degree from Harvard in 1922, and a Ph.D. from Harvard in 1924. He completed his graduate study at Freiburg University, Germany, and Trinity College, Cambridge, England.

Dr. Northrop is speaking under the auspices of the Humanities Division, and the Student Lecture Series Committee. This is one of a series of lectures under the combined sponsorship.

HAVE THE JUNIORS LOST THEIR MUG???

On the eve of the Junior Mug Lift, it has been reported by reliable sources that the king-size beer mug, which was hanging in Building 10, has been removed from the Institute grounds by no less than Harvard men.—AND they wouldn't let us blow up their stadium.

WMIT Announces New Talent Time For Sunday Night

Beginning Sunday night, March 13, the students of M.I.T. will get a chance to display their talent in the field of radio. On that date WMIT will initiate a new series of programs designed to discover hidden talent around Technology. These programs will be broadcast every Sunday evening from 9 p.m. to 12 p.m.

Time Available To All

The managing board of WMIT, realizing that the late hours of Sunday night offer present radio listeners a mediocre assortment of programs, decided to avail this time to any person, group of persons, or organization connected with M.I.T. that is capable of producing good entertainment for the Sunday night contingent of dial twisters.

In the past, the regular program schedule of WMIT had made large scale experimentation with new ideas and programming techniques impossible. Now, with three hours of Sunday broadcasting designed specifically for experimental pro-

(Continued on Page 6)

The Tech

VOL. LXIX

TUESDAY, MARCH 1, 1949

NO. 9

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Night Editor: Leo Sartori, '50

Asst. Night Editor: Eugene S. Lubarsky, '51

OOPS!

It seems that we spoke a bit too hastily when we asked for an Easter vacation a few weeks ago. Apparently what we really want after all is a Spring Recess. At any rate, it has been called to our attention that most colleges in the East have rather arbitrary Spring vacations, and they make no attempt to correlate them with the Easter season.

The Calendar Committee consulted the vacation schedules of a large number of Eastern colleges when they recommended that the recess be a "full week following the seventh week of the second term," although the reason they gave for this choice was that it would put our vacation near the middle of the term. This is evidently what most colleges do.

By a coincidence, Easter has come very close to this period for the past two years, so that anyone at Technology, which had observed the Patriots' Day vacation during that time, might get the impression that the local schools were actually enjoying an Easter holiday. Then too, many, if not most, secondary schools actually do consider the ecclesiastical calendar when planning their own.

Of all the school holidays, Christmas seems to be the only one about which there is virtually unanimous agreement. One can be pretty sure that no matter where one matriculates one will have a vacation at least from December 24 through January 1. About our own Yuletide the Committee recommended, "The Christmas recess be from the Saturday before Christmas to the Sunday after New Year's Day, inclusive, except when Christmas falls on Sunday or Monday when the recess shall be from the Thursday before Christmas to the Tuesday after New Year's Day, inclusive." This was a realistic move which recognizes the fact that many students will take an extra day or two off in order to gain a "long weekend" when a holiday falls between Friday and Monday. If we know Techmen, however, they will probably continue to crib an extra day from their holidays.

We sometimes hear complaints about the length of the inter-term vacation, a whole week. Coming so soon after Christmas, many students would prefer to have a few of these vacation days shifted to the beginning or the end of the school year to shorten it. These days are not wasted, however; they are used by registration officers to get a lot of paper work out of the way before registration day, as well as for compilation of marks for the report cards. In a number of colleges, registration takes as many as three days. One registers either by last initial or by course at the appropriate time; and if one's name happens to be at the wrong end of the list, one simply waits around for several days after the registration formalities until classes start. By giving the registration officers time to closet themselves with the various records beforehand, we manage to cut down the time necessary for registration procedure to less than a day.

SHADOWLAND

It's been a long time since we've commented on the Russians in these columns so when we ran into an item about the two flyers in the Red Air Force who made their way west in a hijacked plane, we thought it was worth mention. One of the two complained that newsmen interviewing the pair often wanted him to paint a dark picture of doings behind the "iron curtain." "Where the color should be black I paint it that way," he said. "But everything is not black!"

Perhaps it takes someone from a totalitarian state to appreciate the point. In a real democracy there is no one forcing a doctrine on the individual saying, "Believe this, or else—." We are free to examine all sides of any question, and it is our privilege and duty to distinguish black, white, and grey (not to mention pink and crimson).

Letters to the Editor

"UNWARRANTED OUTBURST"

Dear Sir:

It is a rare occasion when I feel impelled to write a "Letter to the Editor." However, your fast change of pace from a prosaic school newspaper to a medium for the venting of intense and unbridled emotions calls for comment.

I believe that the following is a more rational interpretation of what LIFE said. LIFE deplored the fact (U. S. Attorney General Tom Clark has information on this subject) that Communists are able to work for their cause through organizations which have prestige lent by presumably respectable non-Communist members. LIFE believes that college professors are prominent among those persons who are tolerant of, or unaware of, the machinations of the Communists. But LIFE thinks maybe the professors can be brought around to LIFE's point of view on the matter. The mention of Harvard and M.I.T. appears to be literary style rather than a specific accusation of said institutions. In other words, I think the real meaning in that phrase was "American Colleges." That being the case, it is merely regrettable that LIFE's words might be misinterpreted.

Whatever the interpretation, I suspect that LIFE has exaggerated the guilt, if it should be called that, of the "university professors." It also can be argued that LIFE is anti-Communist to the point of lacking adequate objectiveness in its approach to the subject of Communism. The question of the relationship between the Communist idea and the traditional American ideas of freedom poses a very serious and difficult problem. THE TECH has seen fit to bury whatever worthwhile ideas it may have on the subject beneath a melange of lordly sarcasm, "cute" phrases, and heated sentences.

The only explanation I can find for this unwarranted outburst is that some frustrated person with strong convictions and a yen for sensationalism could not resist the opportunity presented by the misinterpretation of a phrase. When you took over the reins of THE TECH you announced that you would devote more editorial space to world affairs. If this is what you mean, I do not think it was a very good idea.

Harold S. Wass, '50.

TURN THE CLOCK BACK

Dear Sir:

While LIFE MAGAZINE may have been guilty of reckless journalism in its reference to M.I.T. and Communism, it looks like THE TECH, in reply missed the point and the boat. Nobody familiar with M.I.T. could easily believe that our faculty includes genuine Communist Party members, but then LIFE didn't say that. What it did say is that some people here, innocently, I hope, have boosted "front" outfits and drives. LIFE can probably back up that statement.

But THE TECH says that anyhow the only illegal thing about the Commies is that they want to have a revolution, by force, naturally. As I see it, the slightest effort to that end is plenty illegal for a long, long incarceration.

It isn't illegal, says THE TECH, to hold advanced economic views. Agreed, say I, or any other views. But let's not credit Commies, even vaguely, with being the only ones, or even among the ones, holding such views. They talk very prettily when they're trying to seduce a group to their uses, but what happens when they get the Power? The only way we can judge is by what's happened where they've taken over. If that's "advanced," let's turn the clock back to the Middle Ages. At least there weren't any uranium mines then.

Each of us should work for his idea of a better society, be it what it may. But let's do it by the rules we've made, and let's be sure we really want what we work for. The bigger a man's reputation in the

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AFTER HOURS

DANCES

WEDNESDAY, March 2

Boston City Club, \$1.20 stag, \$1.90 couple. 8:30 to 12:00 p.m. Orchestra: George Trudeau. Every Wednesday.
 Y.M.C.A., 316 Huntington Avenue, 74c stag, \$1.48 couple. 8:30 p.m. Orchestra: George Brickly. Every Thursday.

THURSDAY, March 3

Y.M.C.A., 316 Huntington Avenue. 90c non-members, 60c members. 8:30 p.m. Orchestra: Art Brickly. Every Thursday.

FRIDAY, March 4

Simmons, 321 Brookline Avenue. 8 to 12:00 p.m., orchestra; 50 tickets available at Walker Memorial Office.

Hotel Continental, \$1.20 stag, \$1.90 couple. 8:30 to 12:00 p.m., Orchestra: George Trudeau. Every Friday.

Y.W.C.A. Auditorium, 140 Clarendon Street 90c. 8:30 p.m. Orchestra: Art Brickly. (All girls are Y members.)

Eddy Nodel's Square Dance, Sargent College Gym, Auburn Street, Cambridge. 85c stag. 8:30-11:30 p.m. Every Friday. (Good place to learn folk dancing.)

SATURDAY, March 5

Sargent, Gymnasium, 5 Everett Street. 50c admission. Tickets at door.

Boston City Club, \$1.20 stag, \$1.90 couple. 8:30-12:00 p.m. Orchestra: George Trudeau. Every Saturday.

Y.M.C.A., 316 Huntington Avenue. 80c non-members, 50c members. Every Saturday night. Primarily for ages 17-20.

Y.W.C.A., 140 Clarendon Street, 90c stag. 8:00 p.m. Orchestra: Art Brickly. Every Saturday.

AT M.I.T.

WEDNESDAY, March 2

Junior Mugliff, Rockwell Cage, 8:30 p.m. Stag Party.
 Varsity Swimming, University of Connecticut, Alumni Pool, 8:00 p.m.

THURSDAY, March 3

Concert, Berkshire Woodwind Ensemble, 10-250. 8:30 p.m. (See "Boston Baedaker.")

FRIDAY, March 4

Scabbard and Blade Formal, Walker Memorial.

SATURDAY, March 5

Smith College Water Ballet, Alumni Pool. Afternoon and evening performances.
 Varsity Basketball, M.I.T. vs. University of Connecticut. 8:00 p.m. Walker Gym.

IN BOSTON

TUESDAY, March 2

Jazz Concert, Jordan Hall, \$1.20, \$1.80. "Wild Bill" Davison and Others 8:30 p.m.

SUNDAY, March 6

Tommy Dorsey, Symphony Hall, \$1.20, \$1.80, \$2.40, \$3.00. 8:30 p.m.

Items for the Greater Boston collegiate social calendar may be inserted in THE TECH by writing to the Features Editor, giving all pertinent information about the event. The address is Room 309, Walker Memorial.

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Boston Baedeker

This week two concerts will given right on campus, which is only a tribute to the musical but also the liberalism of the institute. The first of these will Thursday night, March 3, in Room 10-250, and will consist of woodwind music played by the Berksh Quintet. The members of the group are all participants of the Boston Symphony Orchestra, a most excellent musicians. The concerts are always a pleasure listen to for their music is new, different, and varied, and the combination of five woodwinds itself is a revelation.

The second concert will be given Saturday night in Morss Hall the M.I.T. Symphony Orchestra under the direction of Professor Klaus Liepmann. The program will consist of music by Weinberger, Thompson, Schubert's Unfinished Symphony and Mozart's Piano Concerto in C minor.

This week also marks Dr. Koussvitzy's return to Boston after his customary winter vacation. He will play an all-Brahms concert in which Myra Hess will play the First Piano Concerto.

Opera

The annual visit of the Metropolitan Opera Association is drawing near and I would like to remind you that tickets will be scarce as past years, and that if you wish to attend any one of the fourteen operas presented you better mail your ticket requests as soon as you can.

This year's repertory is far superior to that offered here in past seasons which I can remember. Though the old and worn favorites such as Aida, La Traviata and Carmen are still with us, the Metropolitan including two modern operas in its lists and both are significant works. The first is Britten's score to "Peter Grimes" and the second is Richard Strauss' "Salome." Wagner is represented this year by his "Tristan and Isolde" and Mozart's "Marriage of Figaro" will represent the work of the first great German oper composer.

Besides new operas, the Met has added some interesting new musicians to its already swollen roster. Fritz Reiner, the conductor who raised the Pittsburgh Symphony to such high level of orchestral playing, is the newest addition to the conductors list; he will conduct Salome and Tristan. The new singers who have already distinguished themselves in New York are Miss Weltsch, who will sing

(Continued on Page 6)

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FROSH RIFLEMEN RECEIVE MEDALS



Photo by Sivin

L. to r.: Frank Gauntt, Allen Tanner, Thomas J. Gorman. Gauntt and Tanner, both members of the Freshman Rifle team, were presented medals as the class "A" winners of the American Legion Junior Minutemen rifle championship. The match was fired at the Navy Bldg. Rifle range Jan. 20. They are shown with Thomas Gorman, head of the committee which sponsored the championship match. Gov. Dever was supposed to make the presentation, but was detained at the Governor's banquet. Maj. Milton B. Cook, one of the governor's assistants, made the presentation instead.

IF IT'S "ARROW" WE HAVE IT!

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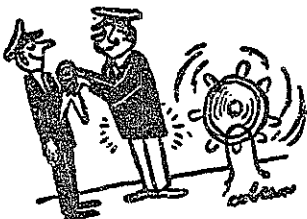
Would wriggle and squirm
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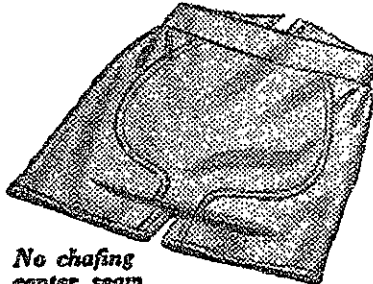
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AT THE
Technology Store

Juniors Lift Mugs For Stag Affair In Rockwell Cage

Movies, Music, Beer Will Enliven Evening As Chaperons Watch

Everything is finally set for the Junior Mug-Lift tomorrow evening. The committee announces that the doors will be opened at 8:30 sharp, and that from then on, things will be "hopping."

Ticket holders will be greeted at the door of Rockwell Cage with a special mug which was designed for the purpose by Van Court Hare, Jr., '50, and made by the Walter Hanson Studios. Pieces of chalk, with which each person is to mark his initials on his mug, will be available.

Support Provided

Inside the cage there will be tables and chairs for those unable to stand and hold up their mugs. The Technonian Jazz Combo will be playing throughout the evening, while everyone gets his fill of food and beer.

Highlight of refreshments for the evening will be the famous Jackie Wirth's dark beer, which will be combined with potato chips and pretzels. Later in the evening there will be an individual hot dog and marshmallow roast with about four charcoal fires provided for the purpose.

No Liquor

Ample coke will also be provided for those not wishing Jackie's brew. No hard liquor is allowed in the cage under the rules of the Institute and the committee requested that no bottled liquor be brought in. Any found on the premises will be confiscated by marshals.

An hour of movies, featuring Charlie Chaplin Classics and the Keystone Cops, interspersed by cartoons, will begin at 9:15. All persons attending are warned that suitable clothing must be worn. No one wearing a suit or a white shirt will be admitted.

Chaperons

Chaperoning the event will be President James R. Killian, Jr., Dean Everett M. Baker, and Dean John E. Burchard, Professors Alvin M. Sloane, L. F. Hamilton, Walter H. Stockmayer, Monir A. Kashmiry, Hans Mueller, Alan S. Michaels, William Van A. Clark, Jr., Cyril C. Herrmann, Paul Pigors, William C. Greene, and John Voss; Mr. Ivan J. Geiger, Director of Athletics, and James Martin, hockey coach.

Several members of the Alpha Phi Omega service fraternity have volunteered to help out during the evening, and members of the class of '50 will act as bartenders. In addition, Bob Weber and his crew of marshals will be around to help the Cambridge Police to keep order.

Publicity Seminar Holds First Meeting

The first meeting of a newly founded seminar for publicity chairmen was held on Thursday, Feb. 24. This group, headed by Melvin Gardner, '50, of the Walker Memorial Committee, proposes to stimulate ideas and increase efficiency in publicity for all M.I.T. activities.

At the Feb. 24 opening meeting, an introduction and outline of program was given by Professor Cunningham, Chairman of Committee on Undergraduate Publications. Mr. James T. Chirug, the featured speaker of the evening, is a graduate of M.I.T. Class of '27 and of the Harvard Business School. He runs his own advertising agency. His talk was on the over-all picture of problems and methods in advertising.

The next meeting of the seminar will be held on March 10. All publicity men are urged by the committee to attend. Professor Cunningham, Course 15, will speak.

CALENDAR OF EVENTS

*MARCH 2 TO MARCH 9
WEDNESDAY, MARCH 2

Technology Matrons. Tea. The President's House, 3:00 to 5:00 p.m.
Electrical Engineering Department. Staff Colloquium: "The Design of Optimum Linear Systems." Professor Yuk W. Lee. Room 10-275, 4:00 p.m.
Metallurgy Department. Colloquium: "Mineral Depletion and Metal Supply." Evan Just, Economic Cooperation Administration. Room 24-033, 4:00 p.m.
Catholic Club. Marriage lecture by Dr. Joseph B. Doyle. Room 6-120, 5:00 p.m.
Division of Humanities Series and Lecture Series Committee. "Science and World Order." Dr. Filmer C. Northrop, Sterling Professor of Philosophy and Law, Master of Stillman College, Yale University. Room 10-250, 5:00 p.m. Free admission tickets will be available at Information Office.
Faculty Pistol Club. Pistol practice. Rifle range, 5:00 p.m.
Mathematical Society. "Diophantine Equations." Professor George B. Thomas, Jr. Room 4-270, 5:00 p.m.
Pershing Rifles. Company C-8 meet in front of Room 1-087 in uniform, 5:05 p.m.
Chemistry Department. Harvard-M.I.T. Physical Chemistry Colloquium: "Polymeric Electrolytes." Dr. E. H. de Butts, Harvard University. Room 6-120, 8:00 p.m.
Outing Club. Free folk singing and get-together. Guest artists. Tyler Lounge, Walker Memorial, 8:00 p.m.

THURSDAY, MARCH 3

Civil and Sanitary Engineering Department. Seminar: "Unusual Features of Some of our Large Earth Dams." Thomas A. Middlebrooks, Office of Chief of Engineers, U. S. Army. Room 1-190, 4:00 p.m.
Physics Department. Colloquium: "Soft X-ray Spectra of Solids." Dr. E. R. Piori. Room 6-120, 4:30 p.m.
Faculty Pistol Club. Pistol practice. Rifle range, 5:00 p.m.
Technology Christian Association. Boys' Workers annual banquet. West Dining Room, Graduate House, 6:00 p.m.
Division of Humanities Series. Concert. Berkshire Woodwind Ensemble. Huntington Hall, Room 10-250, 8:30 p.m.

FRIDAY, MARCH 4

Associated General Contractors of America. Student chapter. Meeting for study of constitutional changes. Room 5-112, 2:00 p.m.
Mechanical Engineering Department. Seminar: "Solar Energy." J. O. Outwater. Room 3-470, 4:00 p.m. Coffee will be served at Headquarters from 3:30 to 4:00 p.m.

SATURDAY, MARCH 5

Musical Clubs. Symphony Orchestra Concert. Morss Hall, Walker Memorial, 8:30 p.m. Tickets ninety cents.

MONDAY, MARCH 7

Electrical Engineering Department. "The Design and Uses of the Spectrophotometer." Dr. Arthur C. Hardy. Room 12-182, 11:00 to 12:00 a.m.
Faculty Pistol Club. Rifle practice. Rifle range, 5:00 p.m.
Hillel Society. "Members of the Jewish Faith as Professional Individuals." Dr. Ernst A. Hauser. Room 6-120, 5:00 p.m.
Technology Dames. "Trends and Personalities in the Dance." Mrs. Richard F. Koch. Emma Rogers Room, 8:00 p.m.

TUESDAY, MARCH 8

Acoustics Laboratory. Seminar: "Sound Waves of Finite Amplitude." Peter J. Westervelt. Room 20E-225, 4:00 p.m.
Faculty Pistol Club. Rifle practice. Rifle range, 5:00 p.m.
Model Railroad Club. Business meeting. Room 20E-216, 5:15 p.m.
Faculty Pistol Club. Match with Waltham Rifle and Revolver Club. Rifle range, 8:00 p.m.

CALENDAR OF EVENTS

The Calendar of Events is published weekly on Tuesday in The Tech, and contains announcements for the following week. It is sent without charge to all members of the staff, heads of D.I.C. projects, as well as to the leaders of various organizations. A separate listing of the Calendar of Events will be mailed to others for one dollar a year, payable in advance at Room 7-204.

Announcements, typewritten and signed, must be in the Office of the Editor, Room 7-204, not later than noon on Thursday prior to publication date. Material for the Calendar, March 9-15 is due March 3.

Letters

(Continued from Page 2)

world, the larger is his responsibility not to let it be a tool used against his neighbors. Let's not be tricked into stumping for slavery.

W. S. Bean

If Messrs. Wass and Bean will reread Life's editorial once again, they will find that it proposed that Harvard and Technology be brought to a sense of reality, either figuratively or literally. We ask how they would accomplish this feat. The only method that suggests itself is the firing of teachers who are suspected or known leftists.

Our concern is not for the do-or-die followers of the Party Line (see last Sunday's New York Times Magazine for a good argument against letting real communists teach) but for those teachers who have perfectly honest, legal convictions which happen to coincide at certain points with those of the Communists. This is not an idealized issue; only recently professors have been fired or threatened with dismissal on just such grounds. Life's editorial repeated this threat.

We do not agree with Life's point of view on Communism in the nation's colleges (cf. The New Yorker's point of view in last week's issue). Our editorials expressed grave doubts whether Life's weapon for bringing a sense of reality to colleges could be employed without endangering everyone's civil liberties. We are not willing to trade Stalin's version of intellectual stagnation for Life's version. (Even Mr. Wass agrees that Life editorial policy with regard to this issue lacks objectivity.) We offer no solution to the academic freedom question, but we do know that such freedom is threatened by action such as Life would have the Institute, and others, take.

Life's wording was, as we pointed out, more than "merely regrettable." If "misinterpreted" by the wrong people at this time, Life's statements can be very damaging to the Institute. Let Life be more careful of where it throws its metaphors.

We are glad that a change of pace from a prosaic has been noted, but we didn't think we had become "a medium for the venting of in-

(Continued on Page 6)

New Library Techniques To Be Used in Hayden, Visual Education Stressed

By DONALD BERNITT

While the old-fashioned library is not yet obsolete, something new is in store for the students who will use the new Hayden Library upon its completion in the not too distant future.

The innovations of standard library technique, as they are expected to be applied in the new library, are the fruits of extensive research carried on here under the auspices of the Carnegie Library research grant. The Carnegie corporation established a \$100,000 research program at the institute in December, 1947.

New Techniques

The grant is for the purpose of developing new techniques in printing, documentary reproduction, visual education, sound recording, and mechanical selection systems. Approximately one-fifth of the money has been spent to date on equipment and research.

The research grant has made possible explorations beyond the usual limits of library work, delving into fields usually considered remote from the world of books. The use of visual aids in teaching is one of the larger areas in which research has been stimulated.

Visual Instruction

One good example of the results of the research program will be the special visual instruction room to be located in the Basement of the Hayden library. Designed to accommodate about 40 students, it is well ventilated and acoustically sound. It will be used for experimental study or for lecture purposes.

The projection machinery will be of a conventional nature at the outset, but development of projection machinery control devices indicates that better equipment will be realized in the near future. After further development of such machinery, it is expected that the lecturer will be in full control of the projection equipment, that he will be able to stop the motion picture at any time, reverse it, or operate it like a slide projector—all from his lecturing position at the front of the room.

Five Minute Maximum

Research into the student reaction phase of visual education tends to show that five minutes is the maximum length for any one continuous picture run. After five minutes the effectiveness of the visual aid is questionable.

Development of more efficient microfilm technique is also part of the integrated effort to make the library a center for the communication of facts. Amateur darkroom technicians will appreciate the remarkable speed of processing microfilm in the newly-developed "hot process."

18 Second Development

By using carefully formulated solutions at temperatures of 128 F., it is now possible to develop, fix, and dry microfilm positives in a mere 18 seconds. Practical working models of this high speed film processor, however, operate on a 40 second cycle. Using this high-speed method, it will be possible to obtain microfilm copies for private use.

Methods of mechanical selection are being studied by the electrical engineering and chemistry departments. J. W. Perry, a library fellow working under the sponsorship of the American Chemical Society, is investigating the punched card medium.

Sound Spectrograph

A "sound spectrograph," differing from the type developed by the Bell Telephone Laboratories, is being constructed here by the electrical engineering department and Professor W. N. Locke of the mod-

(Continued on Page 6)

Crane's Steel Arm Lifts 20 Ton Loads For Superstructure

One of the most unusual sights to be seen around Tech is the pylon-like structures of the tremendous cranes which are used to erect the superstructure of the new library. These monstrous machines, towering over the Institute Buildings, are one hundred and ten feet tall, and have an eighty foot boom with a thirty foot jib. They are able to carry loads as high as 20 tons, and the machines are kept from tipping over by their own 28 ton weight.

Operating the derrick calls for quick reflexes as well as keen eyesight, and the operator must be able to direct loads into spaces with exacting precision. In the operating cab are the four main lev-

ers which control the operations. Their purpose is to revolve the cab, hoist the two cables, and lower the boom.

The boom itself can be lowered horizontally without tipping although the safe load that can be lifted decreases as the boom is lowered.

HARD AT WORK



Photo by Honigsberg

Varsity Wrestlers Topple B.U., Frosh Matmen Fall to Exeter

On the home mats Saturday, Technology's varsity wrestlers succeeded in downing Boston University's grapplers by a 21 to 15 score. Tech men won two matches on falls and two by decisions while losing one match on a default and two by falls.

Raymond Takes Fall

Sam Raymond, in the 121 lb. class, felled Hayes, one of B.U.'s best men in 6 min. and 53 sec. Will Haggerty, in the 165 class, downed his man, Miles, in the first time of 4 min. and 3 sec. Haggerty and Callahan, who won a decision from Yanku, in the 155 lb. class, both fought over their normal weights and turned in fine performances.

The Terrier squad was a strong though rather inexperienced one. Myerson, the B.U. captain who toppled his opponent, Dick Reedy, in 8 min. and 27 sec. is the son of Tech's coach, and his mat prowess may be due to extra coaching from his dad.

Frosh Trounced

Meeting an unbeaten Exeter squad the frosh bowed by the one-sided score of 29 to 3. Tech's only victory was garnered by Gene Rapoport when he decisioned B.U.'s Tait in the unlimited weight class. This was the second loss suffered

by the frosh who will be seeking their sixth victory Saturday when they face a Coast Guard aggregation.

SUMMARIES

Varsity 21-B.U. 15
121 lb.—Sam Raymond (Tech) downed Hayes, 6 min. 53 sec.
128 lb.—Bashien (B.U.) won from Don Harnsberger by default (shoulder injury, not serious)
136 lb.—Dave Findlay (T) decisioned Bucher, 8-3.
145 lb.—Myerson (B.U.) toppled Dick Reedy, 8 min. 27 sec.
155 lb.—Tom Callahan (T) decisioned Yanku, 6-4.
165 lb.—Will Haggerty toppled Miles, 4 min. 3 sec.
175 lb.—Bowell (B.U.) downed Hank Ferguson, 5 min. 58 sec.
Unlim.—Soderby, forfeit.
Exeter 29-Frosh 3
121 lb.—Adams (E) decisioned Foley, 8-2.
128 lb.—Capt. Lee (E) toppled Kane, 1 min. 38 sec.
136 lb.—Russell (E) toppled Mayer, 2 min. 54 sec.
145 lb.—Adams (E) decisioned Hanson, 4-0.
155 lb.—Hoffman (E) toppled Roberts, 5 min. 48 sec.
165 lb.—Ray (E) decisioned Mitchell, 6-0.
175 lb.—Wilson (E) default from Bading, hurt with 30 sec. left.
Unlim.—Rappoport (T) decisioned Tait, 5-3.

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BEAVER BARKS

By DAVE ULINE

The old story has come up again. The **Boston Globe** recently published a story on Tech's athletic program which inferred that the Institute was pointing towards a varsity football team. The last time the matter came up was in the fall of 1947 when sign-up lists were posted on several bulletin boards in an attempt to secure sufficient interest to start a team.

At that time it was pointed out by school authorities, the Athletic Association, and even students, that a football team seemed infeasible and impractical at this school. The matter died completely from lack of any concentrated enthusiasm or drive. Now the **Globe** comes out with an article to the effect that a football team is one of the aims of the M. I. T. athletic program. Why? What's behind it?

Here Is What Happened

It seems that a reporter came out to obtain information relative to our athletic program. Obviously he was told about the interclass Field Day football teams which the frosh and Sophs field each fall in a prelude to the Glove Fight. When the story appeared in the paper, the information was twisted to such an extent that, "M.I.T. Plans Football." The inference was that a formal varsity football team was definitely in future plans.

Mr. Geiger said Friday, "All statements to that effect (a varsity football team at Tech) are emphatically denied by the Director of Athletics and the Athletic Association." That such a misrepresentation should be printed by the **Globe** is an unfortunate faux pas.

Most liberal arts colleges have football teams, and several engineering schools have them. For Tech to have a team is a dream other students may share with us. There are several things, however, which must be considered and investigated before any student or staff member can logically say that M.I.T. should have a football team. We have often expressed the opinion that we should like to see the Cardinal and Grey colors in intercollegiate competition, but we have done so on the assumption that several important factors were favorable.

Factors Which Must Be Considered

Such things as sufficient student and faculty interest are easy to think of. Others like the amount of time free for the participants to practice together, the effect upon the grades of the participants, availability of practice and playing fields, spectator space and prices, coaching staffs, equipment, locker space, injuries and scheduling difficulties are often neglected.

Any plans to include football as one of the Institute's intercollegiate sports must be preceded by a thorough investigation into its feasibility and practicability. Neither the administration, the faculty, the athletic department nor the students have instigated any such investigation. Field Day football is expected to continue much on the same level as in the past. It has been discussed at length in Athletic Association meetings, and no changes have been made although some are being considered.

A. A. ANNOUNCEMENTS

The equipment Manager of the A. A. has disclosed that students and staff members may purchase all sports equipment at the regular "trade price" discount obtained by the A. A.

Two methods are available:

1. Individuals may obtain a discount slip from the A. A. and make their own purchases.

2. Purchases may be made by the Equipment Manager for individuals, but there is no guarantee on delivery in less than three weeks after the order is made.

Catalogues and further information are available at the Athletic Association office, Room 3-107.

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Newdale Paces Sr. House To 2nd Bowling Victory

Ed Newdale, of the Senior House, turned in the best performance in the dormitory bowling tournament last week by producing a three-game average of 184. Senior House swept its second straight match by beating Hayden, 4-0. Newdale's overall average of 178 for six games is currently high in the tournament, and the team's 2236 was high team pinfall for the week.

Though Walker's bowlers also took their second straight match by a 4-0 score against Munroe. It was Art Johnson of Munroe who rolled the high game of the week, a 188. Walker's team totals dropped nearly 300 points below those of the first week—from 2365 to 2078—as the team won by a narrow margin.

The Wood vs. Barracks C match was a close and spirited one which ended in a 2-2 tie. Joe D'Annunzio, of Wood, was high man with 185 and was largely responsible for his team's tie.

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Natators Rout Boston University; Subs Score Well in 57-17 Win

Oarsmen Point For Big Season

Coach McMillin Relies On Returning Rowers

With three returning varsity lettermen and five veterans back from last year's J. V. squad, Coach Jim McMillin has high hopes for his crew this season. Getting off to their earliest start in history, the Beaver oarsmen took to the water last Saturday in preparation for the largest schedule in the annals of Tech rowing.

Forming the nucleus of the varsity are holdovers Weber, Bjerte, and Pendleton, all seasoned oarsmen. Lebowitz, Keller, Lehner, Uhl and Saxe are the returning J.V.'s while Hoesser, Garrett, Rosenberg, Sachs, Abbanat, Kuryla, and Blum are back from the third squad.

Last Year's Frosh

Last year's freshmen crew, not to be counted out as possible winners of varsity berths, include Fonda, Monkman, Benfer, Schonewald, Underwood, Smith, Trimble, Griffiths, Kerr and Rothen, a coxswain.

Enough men have turned out to fill three heavies while six lights and freshmen boats are also expected to take daily practice on the Charles. Incidentally, all crews will be rowing twice a day during the Spring vacation.

Good Potentialities

Assisting head coach McMillan will be Howie Feist, lightweight coach, and Chuck Jackson, who will put the freshmen through their paces. McMillin believes that this year's squad has good potentialities and might possibly eclipse the performances of last year's crew which placed fifth in the Poughkeepsie.

SCHEDULE

April 23—Charles River Compton Cup, M.I.T., Princeton, Harvard, Rutgers.
April 30—Charles River, M.I.T., Harvard, Boston Univ.
May 7—Charles River, Adams Cup, M.I.T., Penn, Navy, Harvard.
May 14—Syracuse, E.A.R.C. Sprint Regatta (10 or 11 schools competing)
Post Season Schedule:
June 25 — Poughkeepsie, Poughkeepsie Regatta (10 or 11 schools invited)
July 2—(Tentative) Seattle

Riflemen Win 19th, Near N. E. Crown

Last Saturday the rifle team pushed one step closer to the New England championship when they met and defeated the Norwich University team at Northfield, Vermont. The score was 1378 to 1346.

John Corwin and Charlie Holmes led the team with scores of 280 each. Herb Voelcker, who has consistently led the rifle team the last few weeks, was ill from food poisoning, but even so he managed to shoot a 276 for third score.

Saturday's victory gave the rifle team a record of 19 wins and 4 losses for an average of 826. Next Saturday the rifle team goes to Hanover, New Hampshire, to shoot against Dartmouth.

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Frosh Hoopsters Humbled By B.C.

Eagles Triumph 48-24, End Tech Win Streak

Showing a complete reversal of form, the Tech freshman team was slaughtered by Boston College, 48-24, last Friday afternoon at the Boston Arena. The loss broke a three game winning streak for the Engineers, whose season record now stands at nine victories and four defeats.

Warren Berg's quintet seemed to be baffled by the strange Arena court, as their shots often missed the basket by a foot or more. In addition, the defensive play became progressively worse as the game wore on, and towards the end the Eagles were scoring almost at will.

First Period Close

For the first quarter the game was close, with B.C. holding a 9-7 lead at the end of the period. Both teams were missing repeatedly on their shots after setting up good plays.

Towards the end of the second period B.C. began to pull away, executing some good plays. The half ended with the Eagles leading, 22-14. Figures on foul shooting during the first half showed the Engineers missing eight out of ten attempts, and B.C. almost as bad with six misses in ten tries.

Engineers Collapse

The second half witnesses the complete collapse of the Engineers, who were able to score only three field goals during the last eighteen minutes. Cliff Herdman fouled out of the game early in the third period. Meanwhile the Eagles went on a scoring spree and continued with substitutes in the lineup.

Last night the team squared off against Governor Dummer Academy, and on Friday evening the frosh will entertain Connecticut's freshmen in their season finale. The Uconns recently lost their first game of the season after seventeen consecutive victories and should furnish formidable opposition as the Engineers attempt to end the year on a winning note. Tap-off time is at 7:00 p.m.

B. C. (48)				M.I.T. (24)			
	G	F	P		G	F	P
O'Connell, rf	6	3	15	Garthe, lf	2	2	6
Lanagan	0	0	0	Kassig	0	0	0
O'Toole, lf	5	0	10	Malsen	0	0	0
Guthrie	1	0	2	Herman, rf	1	0	2
Cardwell, c	0	1	1	Lee	2	1	5
Duggan, rg	4	0	8	Porter	0	0	0
Fitzgerald, lg	4	0	8	Hohorst, c	1	0	2
J. McElroy	1	0	2	Jankowski	0	0	0
T. McElroy	1	0	2	Strawn	0	1	1
				Nacey, lg	0	0	0
				Thompson	0	0	0
TOTALS	22	4	48	Giantz	1	0	2

TOTALS 9 6 24

Yale and Trinity Defeat Squashmen As Season Closes

In its last two matches of the 1948-49 season, Tech's varsity squash team lost to Yale and Trinity over the weekend.

On the home courts Friday afternoon Yale defeated the Beavers 8-1, and Tech lost at Trinity Saturday, 6-3. The Trinity frosh defeated the Cardinal and Grey frosh, 4-1.

Hank Eckardt, Morley Drucker and Leonard Meyer were the Beaver winners Saturday. Meyer lost his first two games, 12-15 and 10-15. Then he surged back to take the next three games easily, 15-10, 15-8 and 15-8. Eckardt and Drucker each took four-game matches.

TRINITY SUMMARY

Eckardt (M) defeated Burbank (T) 15-12, 18-15, 15-18, 15-11; Geiger (T) defeated Stoney (M) 15-8, 15-6, 15-5; Heppenstall (T) defeated Irigoyen (M) 15-9, 15-0, 13-15, 15-6; Drucker (M) defeated Wills (T) 15-12, 15-10, 4-15, 15-8; Meyer (M) defeated Newton (T) 12-15, 10-15, 15-10, 15-8; Stewart (T) defeated Silveston (M) 18-15, 17-14, 15-4; Earling (T) defeated Ralphy (M) 17-15, 12-15, 15-0, 9-15, 15-9; Blimes (T) defeated Martin (M) 12-15, 15-12, 15-0, 15-11; Thedemann (T) defeated Hinrichs (M) 15-7, 15-11, 15-8.

Frosh Also Romp In Sixth Triumph

Showing a marked superiority over its opponent, the Technology swimming team routed a Boston University squad by the score of 57-17 in a meet held Friday night at the Alumni Pool.

Coach Smith cleared the bench as the Tech mermen ran away with the contest, chalking up their sixth win of the season against four losses.

Stars Warm Bench

The Tech tankmen won seven of the nine events of the meet as they completely outclassed their opponents from across the river. Because of the one-sidedness of the affair Tech stars Bob Pelletier and Jack Conlin did not have an opportunity to enter into the competition.

Outside of the 50 yd. freestyle race, in which B.U. took a first place, and the concluding race of the evening, the 400 yd. relay in which M.I.T. was disqualified, Tech took all the events leaving only third place points for its opposition.

Frosh Win

Tech's frosh also were victorious, whipping the B.U. freshmen by the score of 46-29. The frosh natators took the first event and were never behind as they piled up a commanding lead to take their sixth meet of the season after losing three.

In the 150 medley relay, the Frosh set a new M.I.T. freshmen record by eclipsing four tenths of a second from the old mark, negotiating the distance in 1:24.5. Setting this new mark for Tech were Dirk Plummer, Jack Pines and Dick Daly.

SUMMARIES

Varsity

MIT 67 — Boston U. 17
300 yd. Medley Relay—Won by MIT; Jones, Schwartzman, Van Mook. Time 3:17.9.
220 yd. Freestyle — 1. Mellin (T), 2. Schlessler, (T) 3. Piper (B). Time 2:29.2.
50 yd. Freestyle—1. Conroy (B), 2. Loomis (T), 3. Kelly (T). Time 20.2.
Dives—Hart, (T), 2. Lehman (T), B.U. No entries.
100 yd. Freestyle—1. Edgar (T), 2. Loomis (T), 3. Porter (B). Time 55.8.
150 yd. Backstroke—1. Callahan (T), 2. Reller (T), 3. Wlodowski (B). Time 1:53.2.
200 yd. Breaststroke—1. Schwartzman (T), 2. Rockstroh (T), 3. McCarthy (B). Time: 2:38.3.
440 yd. Freestyle—1. Collins (T), 2. Comings (T), 3. Piper (B). Time 5:59.
400 yd. Relay—1. Won by B.U. Vaughan, Donovan, Porter, Conroy. Time—M.I.T. disqualified. J.A.A.

Freshman

N. I. T. 46—B.U. 29
50 yd. Freestyle—1. Lucas (T), 2. Eldridge (B), 3. Sada (T). Time 26.7.
100 yd. Breaststroke. 1. Pines (T), Tonnesen (T), 3. Taylor (B). Time 1:11.2.
200 yd. Freestyle—1. Sheehy (B), 2. Sorenson (T), 3. Sullivan (B). Time 2:24.9.
100 yd. Backstroke — 1. Plummer (T), Thornton (B), 3. Ong (T). Time 1:03.4.
100 yd. Freestyle—1. Daly (T), 2. Lunt (B), 3. Ulrich (T). Time 56.7.
150 yd. Ind. Medley—1. Damon (T), 2. Prigge, (T), 3. Taylor (B). Time 1:52.8.
Dives — Gallery (B), 2. Norton (T), 3. Mitchell (T).
150 yd. Medley Relay—Won by M.I.T. Plummer, Pines, Daly. Time 1:21.1.
200 yd. Relay—Won by B.U., Sheehy, Read, Sullivan, Lunt. Time—M.I.T. disqualified.

Playoffs In Sight As Hockey Ends

Hockey games scheduled last weekend at Colby and New Hampshire were cancelled due to the lack of ice. These cancellations concluded the Beaver season at 4 wins and 5 losses.

The Tech squad has a good chance for the playoffs in which Boston College, Boston University, and Northeastern have already been assured of playoff berths. Middlebury, the other team with a possibility for a playoff berth, has a 3-0 record, 3 wins gained at the expense of the weak sister teams of the league.

However, according to league rules, a team, in order to qualify for a playoff spot must play 6 league games; so unless Middlebury can schedule more games at this late date, Tech's squad will be in the playoffs.

Outing Club Holds Two Day Carnival

Blue Hills Reservation Scene of Paper Chase

Over a hundred people participated in the Intercollegiate Outing Club Association's Winter Carnival held last Saturday and Sunday. Both days were marked by several types of recreation, offering a wide variety of entertainment.

Saturday afternoon's main diversion was a "Fox-and-Hounds" race in the Blue Hills. The race was a paper-chase affair in which students from Radcliffe dropped bits of paper as they went ahead through the woods, leaving a trail which the rest of the gang followed. Several amusing incidents occurred in the process.

As evening approached the next event was the big supper and sing held at Arlington Street Church. The supper prepared by the Simmons girls was very welcome after the day's physical exertions. The day's events were culminated by the square dance held at Memorial Hall, Dick Best, G, doing the calling.

On Sunday the group started early for "up country" to spend the whole day skiing. They returned late in the evening.

Boston Baedeker

(Continued from Page 2)

Salome, and Italo Tajo, who will sing Ezio Pinza's roles in Figaro and the Barber of Seville.

The entire listing of the operas and their respective casts will be posted on the Liberal Arts Society bulletin board in Building 10.

M. M. K.

Hart Museum

(Continued from Page 1)

under the chairmanship of the late Francis Russell Hart (1889), a man with an extensive knowledge of American history, organized its early development.

One of the first large gifts was the collection of the late Captain Arthur Clark, including some models and a large number of rare prints. Originally housed in the central portion at the rear of the first floor, the museum was reduced to its present size during the war to make room for the DIC accounting office.

Hayden Library

(Continued from Page 4)

ern language department. The device breaks up sounds into visible patterns, making study of the phonetics of languages a simpler task. It will also be used to analyze speech patterns, and it is expected to prove of great use in correcting speech impediments. Sound recording devices are also being studied in an attempt to more fully exploit man's sense of hearing in the learning process.

Future Work

Of future work to be done under the Carnegie Library research grant, Dr. Vernon D. Tate, director of libraries, made this statement: "Immediate prospects involve the investigation of new concepts of publication and utilization of techniques and scholarly materials, operational analyses in the field of documentation, investigation of concepts of visual education, exploration of instrumentation particularly adapted to the field, and the compilation and release of a series of reports."

Debate

(Continued from Page 1)

Others attending the banquet were: Professor Howard R. Bartlett, Head of the English and History Department, himself a former debater, who gave one of the preliminary speeches; Mr. Brooks Quimby, in the English Department and Director of Debate at Bates College, who is a noted authority on speech and has written several books on the subject, and Professor John Crawford, Head of the Department of Speech and Dramatics at Wesleyan.

The M.I.T. Tournament is rapidly becoming important in debate circles of this area and eventually hopes to become outstanding. Invitations were sent to all active debating societies in New England, of which 17 were able to accept. Seeding rounds produced eight winning schools which entered semi-finals, where two competitions produced the participants in the final debate. Edward S. Lipinsky, '50, and Palmer S. Shannon, '52, assisted in running the tournament.

Letters

(Continued from Page 3)

tense and unbridled emotions." The issue at question is an up to the minute one that has received wide attention in the nation's press last week. This is what we meant in our first editorial, and we still think it's a good idea. — Editor.

TO CHANGE THE SUBJECT—

Dear Sir:

As a Technology Dame, I should like to protest about the headline for your story on our Spring Dance. It's not a "Women will pay" formal! —and we are not exactly "women about Tech."

If your reporter had troubled to check, he would also have discovered that the Technology Dames are students' wives, not faculty wives, and that our dance is Friday, March 25, not Saturday. It is open to all Tech Dames and their guests.

Admittedly, some of us are working our husband's way through school, but please, they do pay our way to dances! We'd like to think of this dance as a "hubby will pay" formal.

Mary Blair
President, Technology Dames

Ballet

(Continued from Page 1)

College Life-Guards. Beginning with the chartered bus that brought them to Boston Saturday morning, the girls had all their activities pre-planned including an after-the-show dance at the Smith House.

Engraved charms were given to each participating coed as a memento of the performance.

The Smith girls have already arranged for the 1950 ballet "next year, same date, same time."

PLACEMENT INFORMATION

The following companies will not be coming to the Institute this term. If you are interested in writing to them, you may get the address in Room 7-101.

Brookhaven National Lab, Upton, New York; VIII.
Eli Lilly & Company, Indianapolis, Ind.; XV, II, X, VI, V, VII.
Foote Mineral Company, Philadelphia, Pa.; V.
International Heater Co., Utica, New York; III.
Pittsburgh Consolidated Coal Co., Library, Pa.; V, X.
The Whitney Blake Company, New Haven, Conn.; VI, X.

WMIT

(Continued from Page 1)

gramming, there will be ample opportunity for all to try out their abilities.

32 Hours a Week

Anyone desiring to put on a radio show is requested to discuss his idea with Bob Hoffman, '51, Program Manager, in Wood 110. This announcement of new broadcasting hours will increase WMIT's broadcasting time to 32 hours weekly.



"But what can we do? He passed the entrance exam!"

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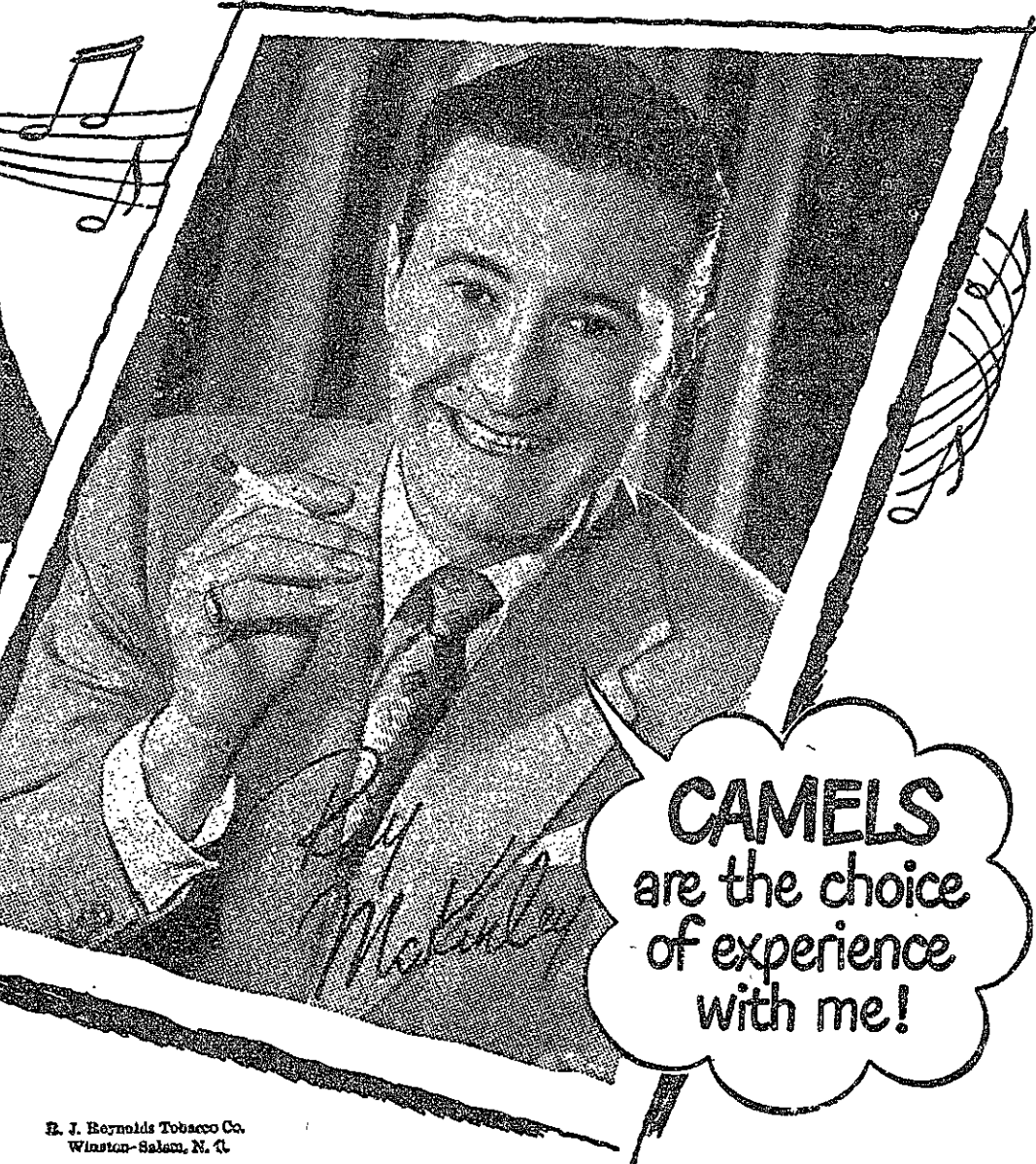
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