

THE TECH

CAMBRIDGE, MASS.
TUESDAY, FEB. 27, 1951
PRICE FIVE CENTS
VOL. LXXI NO. 8
THE OFFICIAL NEWSPAPER
OF THE M.I.T. UNDERGRADUATES

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Course XX-B Lists Option In Biochemical Engineering

The Department of Food Technology recently announced the addition of a new option to Course XX. The course was approved in October of last year and though registration was possible this term, major registration will start next September. Officially Course XX-B, it will be listed as Biochemical Engineering.

Technology is the third school in the country to have a planned curriculum in the subject. The University of Wisconsin has been offering the course for four years while Princeton is going into its second. The Institute will offer the course on both the undergraduate and graduate levels, offering degrees through to the doctorate.

The course will be designed to provide men for the pharmaceutical, antibiotics and food fermentation industries. Since the advent of penicillin and other new "wonder drugs," the pharmaceutical industry has had an increasing need for chemical engineers with a solid base in biology, bacteriology and microbiology. The new option is aimed at providing men to fill these needs.

Other Departments Cooperate

A committee of six organized the course as it will be offered in the catalog. The members were Dean Harrison, Professor Sheehan of the Chemistry Department, Professor Gilliland of the Chemical Engineering Department, the late J. R. Lofbourof, Professor of Biology, Professor Campbell, who has since left the Institute, and Professor Bauer of the Department of Food Technology.

Service Official Clarifies Decree On Deferments

Clarifying recent orders which directed that the statutory induction postponement of mid-term college and university graduates be continued for an additional 30 days after graduation, Colonel Chester A. Furbish, State Director of Selective Service for Massachusetts, emphasized recently that there will be no "wholesale deferment" of these mid-term graduates.

"Considerable misunderstanding seems to have arisen" Colonel Furbish said, "since the postponement announcement from the National Director was received, and the idea is abroad in some quarters that the bulk of these mid-term graduates—or at least very large numbers—would automatically receive deferments merely on the basis of their degree, or at least because they had a job, almost any kind of job."

Colonel Furbish explained that "expanding defense program vitally needs a relatively few of these graduates—men who can qualify to hold highly technical positions," but he reiterated that relatively few would qualify.

Procedure was outlined as follows:

If the graduate obtains employment in a defense industry activity "essential to the national health, safety or interest" within the 30-day period after mid-term graduation he submits the evidence to his local board, which will, if it considers the evidence warrants, reopen his classification to determine whether he meets the criteria for occupational deferment established in the Selective Service Regulations.

L.S.C. Shows Shaw's Pygmalion Tomorrow

George Bernard Shaw's "Pygmalion" will be presented by the Lecture Series Committee as the third of this term's movie series tomorrow, Wednesday, at 5.00 p.m., in Room 10-250.

The film, produced in England in 1938, stars Leslie Howard and Wendy Hiller. The story is taken practically verbatim from the very successful play of the same name, and deals with the efforts of a phonics expert to transform a London guttersnipe into a lady whose manners and speech are the envy of the English court. The transformation turns out to involve more than the expert expected.

The admission price is thirty cents, for a show which Shaw called "... the best movie I have ever seen." Other critics referred to the play as "not merely good, but practically perfect," (Time), "highly entertaining and intelligent," (Commonwealth), and "an excellent movie with the Shaw flavor, and the Shaw bite."

D.I.C. Exercises Control Over Sponsored Research

Most of us have heard of DIC, though not so many know that the letters stand for "Division of Industrial Cooperation"; while DIC's function is probably unknown to a good many more.

The DIC is a department of the Institute whose job it is to exercise administrative control over any Institute research sponsored either by the Government or by industry. There are three main criteria which determine whether or not a sponsored research project is acceptable: (1) the project must lead to the advancement of knowledge; and, moreover, it must be of importance to the development of the education program at the Institute; (2) a senior member of the regular teaching staff must be willing to supervise it; and (3) it must secure the approval of the head of the department in which

the supervisor teaches, and of the Dean of the respective school. Before giving his approval, the Dean has to take into account whether or not the project will interfere with regular Institute work as regards staff, space, and machines.

Academic Undertakings

Once the project has been accepted, and a supervisor appointed, the supporting staff is chosen. The component members fall into three groups: faculty members, research assistants, and full-time DIC staff members. Work on a DIC project is considered as forming part of academic duties and there is no supplementary compensation for such work unless it encroaches on consultation time. The research assistants are usually graduate students. Full-time DIC members receive higher wages but do not enjoy

Tech Show Starlet Sings At Black Magic

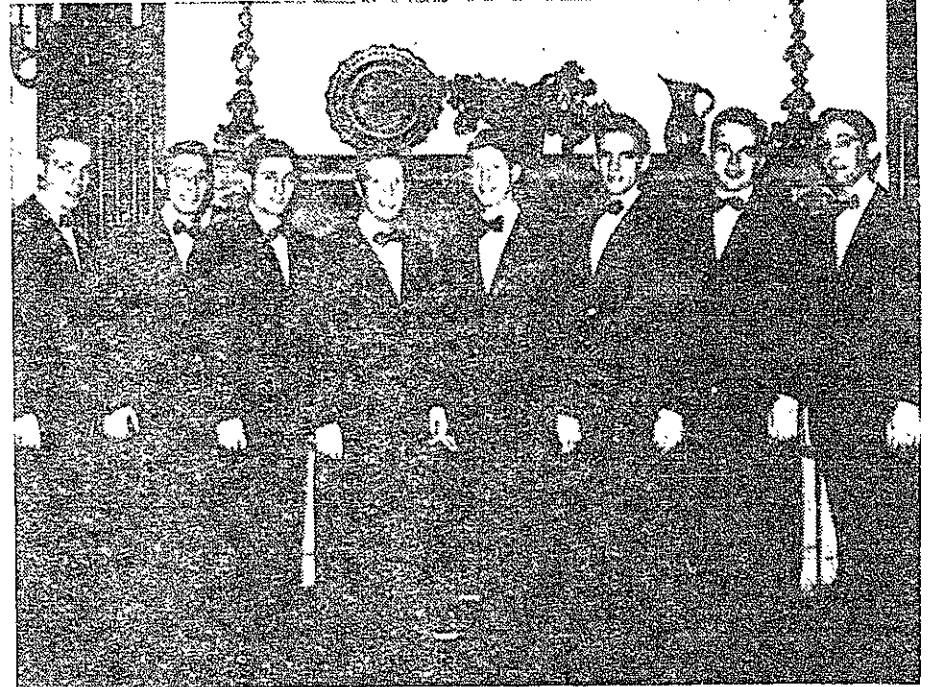


Photo by Palewonsky
Janet Lipson, Boston Conservatory of Music Student, is shown as she sang during the intermission of Black Magic, Freshman-Sophomore dance, which was held in Walker Memorial Building last Saturday night.

WAC

Colonel C. F. Baish, PMS&T, has announced that there are still opportunities for college women to apply and train for commissions as Second Lieutenants in the Women's Army Corps. Applications are available at the Military Science Department. The deadline for filing these forms is March 15.

Logarithms Add Spirituals To Repertoire of Novelty And Barbershop Favorites



The Logarithms shown at their first engagement last year at Radcliffe. Left to right, the singers are: Thomas A. Hood G, Ronald Greenwald '51, Arthur A. Wasserman '51, Frederick J. Kurzweil G, Edwin M. Kerwin G, James C. Breesee G, Donald D. Starner G, and Paul M. Zorn G.

By JOHN F. D'AMICO '54

In 1949 Ted Metzger, general manager of the M.I.T. Music Clubs, was firmly convinced that a smaller group than the Glee Club was needed—to sing when it was too tedious to assemble the massive choral body, to sing barbershop and novelty tunes and other such numbers which sound best when sung by a smaller group. Metzger spoke to friends whom he knew were interested, and gathering enough male voices to fill the parts, introduced the octet into the Technology musical family.

Among the charter members were senior class president Art Wasserman, who later dropped out because of demanding activities in student government, and Jim Breesee, noted Glee Club soloist.

Selection of a name for the group was no easy matter, but after a few

Members Are Chosen For Baker Committee Students Give \$8,500

Debate Tournament Won By U. of Penn. Tufts Takes Second

University of Pennsylvania won Technology's Fifth Annual Invitational Debating Tournament, held on Friday and Saturday. Their negative team of Wegli and Houseman which won for them in the semi-final and final elimination rounds by unanimous decision of the judges was also undefeated in the preliminary round-robin rounds.

Bates, last year's winner, was the only school to go undefeated in the preliminary rounds, winning all eight of their debates. U. of P. and Dartmouth, which lost to U. of P. in the semi-finals, had 7-1 records. Gordon, Holy Cross and Tufts all won 6 and lost 2 in the preliminaries with Tufts winning the fourth position in the semi-finals on points. Tufts defeated Bates in the semi-finals only to lose in the final round.

On Monday, February 19, the Founding Committee of the Baker Memorial Foundation announced the selection of Charles G. Beaudette '52, Rane L. Curl '51, Gerhard Hoover '52, J. Burgess Jamieson '52, and Nicholas Melissas '52 as members of the first Baker Memorial Foundation Committee. Howard G. Anderson '52 and Stanley I. Buchin '51 were selected as alternates.

Selection and Organization

This committee is, according to the charter of the foundation, composed of four seniors and one graduate student. Hereafter the new committee will be selected by the retiring committee each year from those nominated by the Institute Committee, extra-curricular activities, and individual members of the student body. Selection will be, "on the basis of the possession of those traits exemplified by Doctor Baker himself."

\$12,000 Received to Date

Up to date a total of \$12,000 has been received in contributions and pledges. Of this amount, \$8,500 was donated by students, \$1,500 by members of the staff, and \$2,000 by recent alumni. These funds are being invested by the Institute as received. The interest on the Foundation's funds will be used to carry out annual projects selected by the Foundation committee. These projects, carried out in the name of Doctor Baker, can be local, national or international.

Ivy Films Dedicates Evening To Institute

Ivy Films is presenting the movies, "Much Ado About Studying," and "A Touch of the Times" the week of March 15, at the Beacon Hill Theatre. Included in the week's presentation is a dedication night to M.I.T. A special presentation by the M.I.T. Glee Club is scheduled for this performance.

In the spring of 1947, a group of inexperienced, would-be movie producers started the groundwork for making a full-length picture. By October, 1947, a script had been written and a bit of working capital had been raised, but their chief asset remained abundant enthusiasm.

Premiere in Cambridge

Actual shooting started the following winter, but spring saw the production really under way. For a musical background, Nicholas Van Slyck wrote a score—an important contribution since this picture, "A Touch of the Times," is pantomime.

Finally in October, 1949, the college premiere was held at the University Theatre in Cambridge. Strikingly enough the critics liked it and Ivy Films was on its way to future productions.

In March, 1950, plans were completed for a new movie, "Much Ado About Studying." It is a short comedy on college study habits, taken from a script, the winning entry in a scenario contest, written by Richard MacCann. This film marks the group's first use of a verbal sound track, taking the form of a single narrator.

Technology's team split 4 and 4
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CALENDAR OF EVENTS

FEBRUARY 28 TO MARCH 6, 1951

WEDNESDAY, FEBRUARY 28

Freshman Swimming Team. Meet with Gardner High School. Alumni Pool, 4:00 p.m.
 Electrical Engineering Department. Colloquium: "Ferromagnetic Cores for Three-Dimensional Digital Information Storage Arrays." Mr. William N. Papien, Electronic Computer Division, M.I.T. Room 6-120, 4:30 p.m. Refreshments served in Room 6-321 at 4:00 p.m.
 Catholic Club. Marriage Series: "Catholic Concept of Marriage." Reverend Alonzo McDonnell, C.S.P. Room 1-190, 5:00 p.m.
 Gamma Alpha Rho. Formulation of Definite Spring Projects. Du Pont Room, Building 33, 5:00 p.m.
 Hillel Foundation. Lecture: "The Prophets." Rabbi Maurice Zigmund. Crafts Senior House Library, 5:00 p.m.
 Inter-Varsity Christian Fellowship. A film on the subject of Missions entitled "Beyond Our Own." Room 5-104, 5:00 p.m.
 Mathematics Society. Lecture: "Remarks on the Equations of Ballistics." Mr. Donald G. Aronson. Room 4-370, 5:00 p.m.
 Pershing Rifles. Meeting. All Members Must Attend. Room 12-182, 5:00 p.m.
 Varsity Squash Team. Game with Harvard at Harvard University, 5:00 p.m.
 Tech Model Railroad Club. Motion Pictures of Chicago and Northwestern Railroad, "Rolling the Freight." Room 3-270, 5:15 p.m.
 Varsity Fencing Team. Match with Harvard University. Rockwell Cage, 7:30 p.m.
 Varsity Swimming Team. Meet with Boston University at Boston University, 8:00 p.m.

THURSDAY, MARCH 1

Catholic Club. Apologetics Series: "Philosophy of Catholic Education." Father Paul Murphy, S.J. Room 2-135, 12:00 Noon and 1:00 p.m.
 Civil and Sanitary Engineering Department. Graduate Seminar: "Graphical Solutions of Differential Equations." Mr. Henry M. Paynter. Room 1-236, 4:00 p.m.
 Mechanical Engineering Department. Lecture: "Representation of Data by Graphs and Equations." Professor Rogers B. Finch. Room 3-270, 4:00 p.m.
 Physics Department. Colloquium: "On the Phase Problem in X-Ray Crystal Analysis." Professor Ray Pepinsky, Pennsylvania State College. Room 6-120, 4:15 p.m.
 General Engineering, General Science, and Business and Engineering Administration Departments. Guidance Talks for Class of 1954. Room 2-390, 5:00 p.m.
 Hobby Shop. Thursday Night Club. Room 2-051, 5:00 p.m.

FRIDAY, MARCH 2

Music Department. "Music of the Renaissance." Mr. Paul Matthen. Room 2-190, 3:00 p.m.
 Mechanical Engineering Department. Seminar: "New Developments in the Creep of Metals." Professor Egon Orowan. Room 3-270, 4:00 p.m. Coffee served in Room 3-174 from 3:30 to 4:00 p.m.
 Nautical Association. Annual Dinner, Awards and Pictures. West Dining Room, Graduate House, 6:00 p.m. Reservations made at Sailing Pavilion.
 Hillel Foundation. Sabbath Dinner, 6:00 p.m.; Services, 8:00 p.m. The Hillel House, 5 Bryant Street, Cambridge.
 Musical Clubs. Glee Club Concert. Lasell Junior College, 8:00 p.m.

SATURDAY, MARCH 3

Indoor Track Team. Interclass Meet. Rockwell Cage, 2:00 p.m.
 Varsity and Freshmen Wrestling Teams. Match with U. S. Coast Guard. New London, 2:00 p.m.
 Varsity Hockey Team. Game with Boston College. Boston Arena, 2:30 p.m.
 Freshman Swimming Team. Meet with Boston University and Tufts College, at Tufts, 3:00 p.m.

SUNDAY, MARCH 4

Lowell Institute Cooperative Broadcasting Council. SCIENCE ON TRIAL. "What Is Matter? Part II." Dr. George R. Harrison and Dr. Nathaniel H. Frank, M.I.T.; Dr. George Wald and Dr. Edwin B. Newman, Harvard University; Reverend Merrill F. Greene, S.J., Weston College; and Michael Dukakis and Mark Leipman, seniors at Brookline High School. WHDH and WHDH-FM, 6:00-6:30 p.m.

MONDAY, MARCH 5

Metallurgy and Chemical Engineering Departments. Guidance Talks for Class of 1954. Room 2-390, 5:00 p.m.
 School of Humanities and Social Studies and Lecture Series Committee. Third in a series of lectures on THE WORLD AND YOU. Subject: "What Happens to Institutions and People in a Society Living under Continuous Tension?" Speaker: Professor John Kenneth Galbraith, Harvard University. Interlocutor: Professor Paul A. Samuelson, M.I.T. Huntington Hall, Room 10-250, 5:00 p.m.

TUESDAY, MARCH 6

American Institute of Electrical Engineers—Institute of Radio Engineers. Student Branch. "From Jet Planes to Brain Tumors." Professor Leo

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Capp Convulses Capacity Crowd

By JAMES E. STUART '51

Disowning his publized title, "Of Shmoos and Men," Al Capp mentioned shmoos only once more in his talk to a capacity crowd in Huntington Hall, last Tuesday. Instead, he spoke of "Li'l Abner," Al Capp, and other interesting creatures of fact and fiction in the fourth event of the Lecture Series Committee's subscription series.

"Where do I get my ideas for such hideous characters?" he asked himself as others had asked him. He quickly replied, "I come to places like this and look." For ideas, he reported, "I use all of my friends, many of whom are now my former friends." Naming of characters is biographical, he said, giving as an

example, "Moonbeam McSwine" who is lovely but unsanitary.

Nancy O

"Nancy O," mystery woman—or is it a boat—was first printed in the strip, according to Capp, to see if people really read it. At first the name was printed in obvious places, once each strip, but gradually he made it more difficult to find, working the letters into a lace curtain, the gnarled roots of a tree, etc.

Soon, he said, he was getting quite a bit of mail asking politely or otherwise, "Who is 'Nancy O'?" Because, editors measure a cartoonist's success by the quantity of mail he receives, not concerning themselves with its content, Capp said that this pleased him very much. Finding where "Nancy O" was written in the strip became such a sport that when finally he forgot to put it in one week, he was deluged with mail asking,

"Where is 'Nancy O'?" or similar questions with additional Anglo-Saxon phrases interspersed.

"Wait and see," was the answer he gave all of his questioners. Letting his listeners in on the secret, he said that he was a bit curious about "Nancy O" himself and that some day if he gets a good idea of who or what "Nancy O" can be, she will appear in the strip. In the meantime, he is glad to get lots of mail asking about her because it keeps his salary high.

Asked what benefits the general public receives from Li'l Abner, Capp said he felt he had reintroduced the humor of the early comic strips at a time when blood-letting had become the order of the day. When he said he felt that his work had made "Pogo" possible, he elicited applause that matched in volume the laughter that his remarks had been receiving all through his talk.

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Beaver Hoopsters Drop 4th Straight To American Int.

Dropping their fourth straight encounter the Technology basketball team went down to defeat at the hands of an American International College quintet by a 60-50 score last Saturday evening on Walker Memorial boards. The loss was the tenth suffered by Tech's hoopmen; they have gained five decisions.

Poor shooting by Tech and a tight defense in the latter part of the game by the visitors was the margin of victory for AIC in the first basketball game between the two institutions.

Good Start by Tech

Tech started off fast as the visitors used a zone defense against the Beaver attack. However, with Tech ahead by eight points with five minutes left in the half the story of the game changed quickly, as the Springfield entry switched to a close man-to-man defense. This move stopped the Engineers cold and AIC led at half time by a 37-28 count.

The second half was an evenly played affair with the visitors out ahead by 10 points most of the way. Technology did make a short spurt with six minutes to go to come within five points of the Aces but the belated rally fizzled and American International College walked off with the verdict.

Nacey Leads Beavers

Mike Nacey led Tech scoring with 14 points but high man for the game was AIC's Butters who found the hoop for 18 markers.

Last Wednesday the Beavers took an 81-60 drubbing from Northeastern on the victor's home court. Mike Nacey led Tech scoring in this contest with 14 points followed closely by Mandy Manderson and Dick Marciano with 10 and 9 points respectively.

The scoring in the AIC game follows:

AMER.	INTER.	M.I.T.	pts	reb	pts
Butters,rf	7 4 18	Garthe,lg	0 2 2	2	2
Del'g'tina,lf	4 3 11	Hong,lg	2 2 6	0	6
Jordan,c	4 3 14	M'gers'n,rg	3 0 6	0	6
Mrozack,rg	5 1 11	M'clain,o,rg	0 0 0	0	0
Mader,lg	2 0 4	Hoborst,	5 1 11	0	11
Slaby,lg	1 0 2	Glantz,lf	3 1 7	0	7
		Kidder,lf	0 0 0	0	0
		Nacey,rf	5 4 14	0	14
		V. Aist'e,rf	2 0 4	0	4
Totals	23 14 60	Totals	20 10 50		

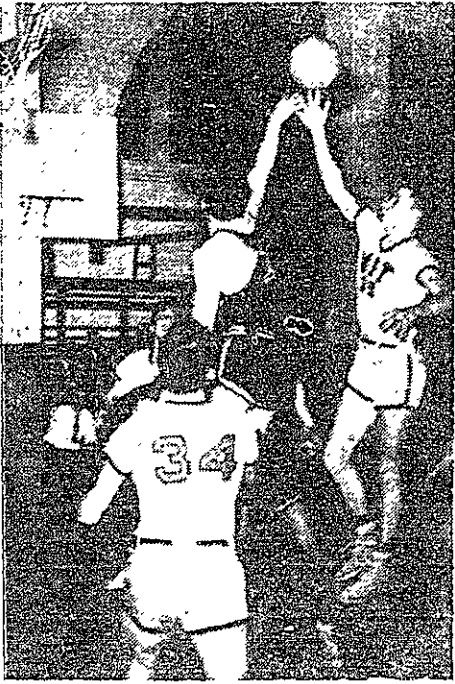


Photo by Herzfeld
Mike Nacey drops a two pointer through the hoop in the Beaver game with American International.

The Chessboard

By F. HERZFELD

Last week at the start of the chess season, the M.I.T. Chess Team faced Boston College, last year's champions, and defeated them by a score of 3 to 2. Thus, with a good start, but playing substitute men on first and fifth boards due to absence of regulars, the team played Boston University this week, winning by a score of 3½ to 1½. It looks as if the team will have an undefeated season. We wish them the best of luck.

M.I.T.	pts	B.C.	pts
Sacks	1	White	0
Lubell	0	Deerfield	1
Herzfeld	0	Guizard	1
Nelsen	1	Musant	0
Browder	1	Ballaren	0

M.I.T.	pts	B.U.	pts
Herzfeld	0	Sinclair	1
Engel	½	Owen	½
Lubell	1	Hawkins	0
Robinson	1	Rubinowitz	0
Gibber	1	(Zorfelt)	0

Our problem this week, which was commended in the half-yearly informal contest of the American Chess Problemist, is a two mover submitted by composer Martin Lubell of Goodale 401. We are sorry that we cannot as yet publish a pictorial board so we will simply give the locations of the pieces instead.

WHITE=9 men: Pawns-KB3; Bishops-QN5; KB2; Knights-QR6, QB3; Rooks-Q8, K3; Queen-KR6; King-QR1;

BLACK=10 men: Pawns-QR4, QR7, QB2, KR2; Bishops-Q8, KB3; Knight-Q4; Rooks-QR6; Queen-Q8; King-Q5.

If you compose problems send them to me, in care of The Tech and we will try to publish them. Or if you simply like to solve problems send in your solutions. We will publish the names of those whose solutions are correct.

spend Summer 1951 in ISRAEL

—see the country
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—study at University

Write to: Intercollegiate
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Intramural Basketball Championship Taken By Graduate House

Intramural basketball came to a close with the Grad House the undisputed champions. They came through with a 4-1 record finally overcoming Theta Chi's tremendous record of 44 straight wins in 3 years competition.

Second place and third place was a split between S.A.E. and Senior House whose record was 3-2. Third and fourth place was shared by Theta Chi and Sigma Nu, whose record showed 2 wins against 3 losses. In last position with a 1-4 record was Baker House.

This victory gives the Grad House 90 points and makes them leading contenders for the all sports trophy. Theta Chi and S.A.E. are running strong in this competition also with 55 points apiece.

During the next few weeks the armory and Walker Memorial will be the scene of intramural volleyball contests and following this when the robins come again to Briggs Field intramural baseball will get under way.

Alumni Pool Might View Waterpolo Tussles Soon

Waterpolo hasn't been practiced at the New England universities and colleges for several years. Yet it is a wonderful game, when played under the international rules which, since the beginning of this year, are also in force in this country.

For good swimmers, also for those who don't belong to a swimming team, waterpolo is just what they need if they want to practice a team sport that requires good swimming, ball-handling, speed of reaction, and tactics.

In order to consider the possibility of starting a waterpolo team there will be a meeting of all staff-members, graduate and undergraduate students who are interested in the game at the M.I.T. swimming pool on Tuesday, March 13, 1951 at 4:45 p.m.

Engineer Rifle Team Whips Maryland And Fifty Others In D. of C. Championships

Tech's crack rifle team avenged their only defeat of the season when they triumphed over every varsity collegiate team entered in the District of Columbia Open Championship last Saturday. The two-day match was one of the largest shoulder-to-shoulder contests in the country, with over fifty teams representing various organizations entered.

Frosh Swimmers Win Fourth Meet From Dean Acad.

With a consistent display of power the Tech freshman swimmers submerged Dean Academy 54-21 Saturday afternoon in the Alumni pool. This was the fourth win as compared to one loss in an exceptionally fine year for the team. The lone loss was to Exeter Academy, whose members have set three U. S. prep school records in the past few weeks.

Next match for the winning frosh will be in Alumni pool against Gardner High School, Wednesday, at 4 p.m.

Summary of the meet is as follows:

50-yd. free: 1st, Marks (M.I.T.); 2nd, Reichhelm (M.I.T.); 3rd, Pettway (D). Time: 28.1.

100-yd. breast: 1st, Costin (M.I.T.); 2nd, Turkington (D); 3rd, Kalina (M.I.T.). Time: 1:11.7.

200-yd. free: 1st, Colton (M.I.T.); 2nd, Holmes (M.I.T.); 3rd, Nixon (D). Time: 2:18.2.

100-yd. back: 1st, Connolly (D); 2nd, Smith (M.I.T.); 3rd, Weiss (M.I.T.). Time: 1:09.6.

100-yd. free: 1st, Lehr (D); 2nd, Bailey (M.I.T.); 3rd, Lampke (M.I.T.). Time: 59.9.

150-yd. ind. medley: 1st, Turkington (D); 2nd, Smith (M.I.T.); 3rd, Weiss (M.I.T.). Time: 1:53.3.

Diving: 1st, Tidor (M.I.T.); 2nd, Neves (M.I.T.); 3rd, Kimmerrlin (D). Points: 47.4.

150-yd. medley relay: M.I.T. (Colton, Costin, Hineck). Time: 1:24.8.

200-yd. relay: M.I.T. (Marks, Bailey, Lampke, Reichhelm). Time: 1:44.0.

The match was fired on a "sudden death" basis, with competing teams comprised of five men with all five scores counting. The Beavers' crack five of Voelcker, Bowers, McCoy, Tanner and Auer turned in a fine team total of 1417 to easily overcome the Naval Academy's 1408 and the University of Maryland's 1407.

Voelcker Top Scorer

Trailing behind these top contenders were the University of Pittsburgh, George Washington, Georgetown, Johns Hopkins, etc. Herb Voelcker's individual score of 290 was high for the team and for the whole match.

This victory over the Maryland team was particularly heartening for the Techmen for the Terps were the only squad who had defeated the Beaver marksmen. The defeat occurred in a triangular match held last January between Tech, Maryland, and West Point at the Maryland range.

Intercollegiates In April

In the contest, the Marylanders set a new ten-man team record of 1440, while the Techmen tagged closely behind with a 1432. The performance of the Techmen in tying the 1440 record in a later match with St. John's College, and this recent defeat of the Maryland team places the Tech team in the top contending position for the national collegiate championship. The match to determine the championship team, which was won last year by West Point, will be held in April.

Barbell Raised At Rockwell

Last Saturday afternoon the M.I.T. Barbell Club sponsored an informal weight lifting in Rockwell Cage. The judges for this contest: H. Lucy, YMCA; T. Rennie, Cambridge YMCA; R. Harvey, YMCA. In the competition which was open to all members of the Tech family, the following lifts were made:

	Press	Snatch	Clean & Jerk	Total
M. Silverb'g, wt. 180½	105	155	195	515
M. Moresca, wt. 151	160	140	205	505
J. Gilmore, wt. 178½	170	145	180	495
B. Sellar, wt. 161½	135	145	190	470
M. Lubin, wt. 190	135	145	180	460
J. Warren, wt. 174½	145	130	180	455
B. Summ'ry, wt. 104½	130	120	150	400
J. Singer, wt. 146½	110	120	160	390

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DIC

(Continued from Page 1)

academic privileges; excluding technicians, they constitute about 50% of those working on sponsored research at the Institute.

Projects undertaken by DIC are limited to research. The development of products occurs only in special instances, such as the production of complex Army equipment. The step is justified here by the fact that it is usually a continuation of work undertaken during the war; by patriotic considerations; and by its importance in the field of education.

Patent Rights

With regard to patents, the Institute grants industrial sponsors exclusive privileges for a certain number of years. At the end of this period it reserves the right to dispose of patents as it thinks fit if it is of the opinion that they are not being properly handled. Publication of results of research may be held for a time so as to allow the sponsor to apply for patents.

Fiscal matters are in charge of a Fiscal Officer attached to the Division.

NOTICES

Metallurgy Lecture

Dr. John H. Hollomon, Associate Director of the Metallurgy Division of the General Electric Research Laboratories in Schenectady, will speak this afternoon on "The New Metallurgy In Industry." The talk will be at 4:00 p.m. in Room 6-120. Dr. Hollomon will emphasize the modern trends in metallurgy and will describe the opportunities that are open in this field. Students and staff are cordially invited to attend.

N.S.A.

A National Students Association Conference on undeveloped areas will be held at Harvard University this week-end, March 2, 3, and 4. Representatives from the State Department, United Nations, and the Economic Cooperations will attend. On Saturday evening a social will be held. Registration for the Conference will be at Phillips Brooks House, Harvard, on Friday, March 2, from 5:00 p.m. to 7:30 p.m. Registration fee is one dollar.

Bar Bell Club

The monthly meeting of the M.I.T. Bar Bell Club will be held on Thursday, March 1, at 5 p.m. in the club room of the Barbour Field House. Anyone interested in body building or weightlifting is urged to attend.

Physics Society

A tour of the Institute's Low Temperature Research Laboratory will be conducted by the Physics Society this afternoon at 4:00 p.m. Anyone interested in low temperature work is welcome. The group will meet at the laboratory, which is located in Room 20-D-014. For further information, contact Anthony Kurtz at the Baker House, or Alan Lazarus at the East Campus.

Karoso Match

The Karoso Club will hold a match with Cornell University's Karoso Team this Saturday, March 3, the club announces.

INSTITUTE MAIL

CHRISTIAN SCIENCE ORGANIZATION AT M.I.T.

c/o T.C.A.

WALKER MEMORIAL

(SEE REVERSE)

Logarithms

(Continued from Page 1)

arrive in time to perform, with the result that a bass sang first tenor, and, they claim, did very well at that.

There is no immediate shortage of men to fill parts now as there was at Wheelock, but graduation will leave holes in the ranks, and good voices are always welcome. The Logarithms will hold a get-together in the spring of this year—details have not yet been announced—to give those interested a chance to meet the group. It is not necessary, however, for anyone to wait until then, since the doors of the practice room are wide open for anyone who wants to go in to listen.

Present Membership

Present membership of the Logarithms includes twelve men, nine of whom are undergraduates, two graduate students, and one a research technician.

First tenors are Dan Sullivan '52, Dick Greenwalt '51, and Norm Weston '52. Second tenors are Claude Brenner, Paul Rothery '51, and Otto Tonnesen '52. The 1st basses are Jim Bresee, Ed Kerwin, and Frank Wilson '52, while Jere Sanborn '52, Bob Norton '51, and Frank Skinner '53 handle 2nd bass parts.

Debate

(Continued from Page 1)

to put them in a five-way tie for ninth place. Both the affirmative team of Thomas A. Faulhaber, '53, and James A. Zurbrigen, '53, and the negative team of John A. Ranyak, '52, and John T. Hading, Jr., '53, won 2 and lost 2.

Calendar

(Continued from Page 2)

L. Beranek. Huntington Hall, Room 10-250, 5:00 p.m. All courses are cordially invited to attend.

Technology Matrons. Meeting. One-Act Play by the Staff Players of M.I.T. Room 10-250, 8:30-10:00 p.m. Refreshments to follow in the Emma Rogers Room. Hostesses will be Mrs. John B. Wilbur and Mrs. Ralph E. Freeman.

EXHIBITIONS

An exhibition of scientific photographs collected and organized by Professor Gyorgy Kepes entitled THE NEW LANDSCAPE will be on display in the New Gallery of the Charles Hayden Memorial Library, Monday through Saturday, 10:00 a.m. to 5:00 p.m., through March 8, 1951.

Photographic Salon prints by Boyden W. Hindman of DeWitt, New York, will be on display in the Photographic Service Gallery, Basement of Building 11, from February 12 to March 4, 1951.

CALENDAR OF EVENTS

The CALENDAR OF EVENTS, published weekly on Tuesday in THE TECH, contains announcements for the following week. Announcements, typewritten and signed, must be in the office of the Editor, Room 7-204, not later than noon on Thursday, March 1, for the Calendar of March 7 to March 13.

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Feb. 19 to March 2 — Bldg. 10 — 10:00 to 3:00

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Anne Garvey Univ. of Conn.

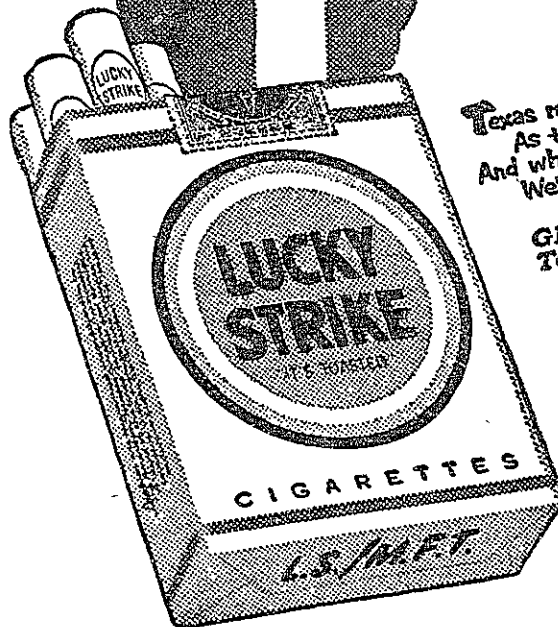
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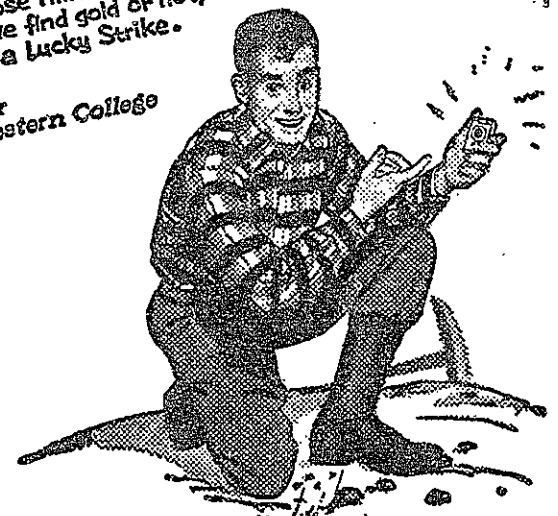
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