

The Tech



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Volume LVIII, No. 56

CAMBRIDGE, MASS., TUESDAY, JANUARY 17, 1939

Price Five Cents

VooDoo Announces C. F. DeMaily As General Manager

Crossan, Peak, And Hailey Elected To Board

New Staff Made Public At Annual Dinner Saturday

Charles V. F. DeMaily, '40, has been elected new General Manager of VooDoo it was announced last Saturday evening at that publication's banquet at the Hotel Kenmore. The incoming Managing Board will be Richard M. Crossan, '40, Rowland H. Peak, '40, and William H. Hailey, '40, who are to be Managing Editor, Business Manager, and Sales Manager, respectively.

Schaefer Speaks

Professor Albert E. Schaefer of the Department of Business and Engineering Administration was the principal speaker. Toastmaster was the retiring General Manager, Robert C. Caselman, '39.

The publication's new Junior Board is composed of Herman A. Afel, '41, Joseph G. Anthony, '41, Donald M. Cole, '40, Richard F. Cottrell, '41, Isaac W. Knight, '41, and Alexander Leonhardt, '41.

T. E. N. Features 1939 Automobiles

Apparatus To Be Installed In Hall Of Main Lobby For Driving Tests

"Automobiles of 1939" by Professor Dean A. Fales and "The Common Cold" by Frederick Sargeant, '42, head the list of features in the January issue of the T.E.N. which will go on sale this Thursday afternoon and Friday.

Trends in present-day automobile design and engineering are outlined by Professor Fales, who is a prominent consultant to most of the large automobile companies. Since he makes several tests on the new cars each week, he is especially qualified to point out the changes in all the 1939 car models. In addition to discussing the changes, Professor Fales reveals many of the motives for revised designs and

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T.E.N.

FCCC Dance Attendance Breaks Former Records

Dancing until two in the morning, a crowd of thirteen hundred people jammed Walker Memorial's Main Hall last Friday at the Charity Dance sponsored by the Federation of College Catholic Clubs.

Jacky Ford supplied the music for dancing, which was originally scheduled to end at one o'clock, but which was extended because of the large attendance.

Students from various local colleges paid 45c and a bundle of clothes or, full admission of 75c., to attend the dance.

VooDoo General Manager



Staff Photo
Charles V. F. DeMaily, '40

Dorm's Schedule Dance On Feb. 10; Gahan Will Play

Opening Of Spring Term To Be Celebrated By Formal Dinner Dance

Celebrating the opening of the spring term, the dormitories will hold a formal dinner dance to the tuneful strains of Don Gahan and his orchestra in Walker Memorial on February 10. Dancing will be from ten o'clock until two-thirty.

Following the example of the Junior Proms of past years, the Dorms will inaugurate a new idea in the form of a dinner preceding the dance. The dinner itself will begin promptly at seven o'clock. Several informal and possibly humorous speeches have been planned for the occasion. Speakers have not been announced by the committee as yet.

Tickets Are Four Dollars

Tickets for the dinner dance will be priced at \$4.00 per couple, and will go on sale in the Main Lobby in the next week or two.

Don Gahan is no newcomer to Technology. His orchestra will be favorably recalled by Tech socialites at previous Tech dances. Last spring his

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Dorm Dance

Prom Option Sale Starts

Larry Clinton To Play For Junior Prom On March 3rd

Options to the 1939 Junior Prom to be held March 3, go on sale today at noon in the Main Lobby, the prom committee announced last night. Sales, which are restricted this week to Juniors only, will continue from 12:00 to 2:00 through next Thursday. The committee also revealed that the dance will be held in the main ballroom of the Hotel Statler.

Total Ticket Cost \$4.95

The options are \$2.50, with redemptions, to be made some time later, priced at \$2.45. This brings the total cost to \$4.95.

Juniors were urged by the committee to purchase their options immediately, since this week is the only time the sales will be restricted solely to members of the Class of '40.

Larry Clinton, one of the country's outstanding band leaders and author of such popular hits as "My Reverie", "Dipsy Doodle", and "Satan Takes a Holiday", will provide the music.

Won Poll

He was the winner by a large majority of a popularity poll conducted by the prom committee to determine the Juniors' favorite band. Clinton placed well ahead of such well known maestros as Tommy Dorsey, Benny Goodman, and Artie Shaw.

Many leading colleges, including Yale and Princeton, have engaged Clinton for dances. He has also played on numerous national radio hookups and has made many recordings for R.C.A. Victor.

Frosh Debaters Face Emerson

Klock and Kline To Prove That Tech Prepares For Marital Life

Following in the wake of a series of first semester varsity contests which terminated last Saturday in a radio debate with New York University, a freshman debating team will meet a team from Emerson College tonight at Emerson.

Speakers for the Institute, who will oppose the notion that "The Emerson Woman Is Better Equipped For Marriage Than the Tech Man", will be Franklin G. Klock, '42, and Jack Kline, '42. The men will show that the Tech man learns tolerance and patience as well as the analytical attitude necessary to promote marital harmony. Wellville B. Nowack, '42, is manager of freshman debating.

Kather Is Elected To Head The Tech Managing Board

The Tech General Manager



Staff Photo
William S. Kather, '40

Blattenberger, Burr And Walker On Senior Board

Two Positions Created To Fill New Needs In Offices

William S. Kather, '40, was elected General Manager of Vol LIX of THE TECH, it was announced at the annual banquet last Friday night. Other managing board members are Phelps A. Walker, '40, managing editor, John W. Blattenberger, '40, business manager, and John G. Burr, Jr., '40, editor.

Burchard Speaks

Gathering fifty strong in the Captain's Cabin of the Myles Standish Hotel, the Staff members of THE TECH and their official guests heard Professor John E. Burchard, director of the Albert Farwell Bemis Fund, speak on "Pap". Professor Burchard delivered a most interesting and amusing speech, pointing out the growing tendency of the modern busy man to get his reading thru digests. He ended his talk with four digests he had prepared especially for his speech, among them an 840 word digest of the Bible, and an extremely amusing condensation of an elementary chemistry book. He finished his talk with

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Prof. Burchard

Murphy, McHugh Face Trial Today After Indictment

Grand Jury Report Orders That Pair Be Held For Superior Court

John W. Murphy and Joseph M. McHugh, Boston youths captured in the dormitories, were indicted last week by the Grand Jury for breaking and entering in the night and come up for trial today.

The alleged burglars are to be tried in the Superior Court in Cambridge with Judge Wilford D. Gray presiding. They were reported indicted last Thursday after having been held in \$5000 bail each since their arrest in the dormitories December 13th.

Both Have Records

Both McHugh and Murphy have been previously convicted of larceny. McHugh, alias Dennis Carey, was arrested by the Harvard police last year, but was released on probation on July 31. Murphy was convicted in Belmont in 1934; he, in turn, received a three month suspended sentence and was put on one year's probation.

The pair were captured by Reeve C. Morehouse, '40, and John L. MacKerron, '40, as they attempted to leave

(Continued on page 2)

Robberies

Dramashop Officers To Be Elected Feb. 8

Dinner Meeting And Theatre Party For Members After The Elections

Elections of new officers, and the announcement of the program for next term's activities will be the high points of a dinner meeting to be held by Dramashop on the evening of February 8. After the meeting the guests will attend a theatre party at the Copley Theatre.

Two projects are on the calendar for Dramashop this year; "White Headed Boy", to be presented in conjunction with Drama Club, the faculty dramatic organization; and a movie, to be produced entirely by either Dramashop members or other interested students. Any students interested in assisting in the production of the movie are invited to read the bulletin board in Room 2-176, the Dramashop headquarters.

Members of Dramashop have been invited to participate in "Stage Door", to be presented by the Cambridge Y.M.C.A. Any interested members should sign up for the play in the Dramashop office.

A.E.S. Members Present Shovels To Professors

After passing the hat to raise sufficient funds, members of the A.E.S. presented Professors Joseph S. Newell and Shatswell Ober of the Aeronautical Engineering Department with two shiny shovels. As a part of the induction ceremonies they were made members of the Institute of the Royal Shovel Hoisters.

Upon receiving his shovel Professor Newell stated, "The mental growth of the students depends on the grade of fertilizer which is bestowed upon them."

New Managing Board Of Volume LIX Of The Tech



Staff Photo
From left to right: John G. Burr, '40, Editor; Phelps A. Walker, '40, Managing Editor; and John W. Blattenberger, '40, Business Manager.

The Tech

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THE INSTITUTE SPOOKS AND HOW TO SQUELCH THEM

Spooks, ghosts, and the general idea of haunting are usually an attribute of anti-quity. Century old ancestral castles are favorite hang-outs for the supernatural tribe.

But even in this aspect progressive America outdoes its parent Europe. The Institute, here, for instance, is only some twenty-five years old yet for two months of the year it swarms with three thousands spectres—they walk thru the halls this very day, and by the end of the week will be verging on the tangible.

Three thousand students haunted by fear of the approaching finals—what a field day the Institute halls would provide for such a writer as Algernon Blackwood. And yet, since fear breeds failure, it is this very anxiety of each student which may provide the means of his downfall.

No one is in any condition to tackle problems requiring clear and logical thinking who walks into the exam room with his mind confused and made cloudy by accumulated worries. The least obstacle he encounters during the test may so unsettle him as to make him flunk, thru sheer confusion of mind.

The acquisition of a calm attitude is fully as important an element of exam-taking as is the extent of the preparation. Very few of us have the Yogi quality of absolute self-discipline, but there are some things we can do. Ideally one should have all his work done in time to take the night before completely off. Hard work during the day and plenty of sleep at night will do most to squelch the exam spectre.

NEIGHBORLINESS AND THE COMMUNITY CHEST

The word "neighbor" is rapidly becoming one of those in the English Language which are sufficiently vague as to make a swell rallying call, but which actually have little import.

The recent conference at Lima, for instance, was widely heralded as a meeting of good "neighbors" but out of the maze of conflicting reports emerges an impression distinctly not of "neighborliness."

There are perhaps those people who have been soured on charity by the faint odor which has arisen from Government relief. But private charity, as exemplified by such organizations as the Community Chest, are not tainted by any such odor. They represent probably the most efficient and kindly method of aiding the poverty stricken. They have the personal contact necessary to efficiency, and the disinterestedness essential for the prevention of graft.

It might be a good idea for each of us to stop by the Main Lobby during this week and help this relief organization parexcellent.

SCIENCE IN BRIEF

By ARTHUR M. YORK, '38

Dead Sea

Vast stores of potash and other valuable chemicals which the old River Jordan and other tributaries have been carrying into the Dead Sea for unsold centuries are now being exploited. Using large evaporating pans and the heat of the sun, which reaches 160 degrees F. during the summer, thousands of tons of potash and bromine are begin shipped out annually from the Holy Land. British Government experts estimate that the Dead Sea contains more than a billion tons of potash, 800 million tons of bromine, and other salts in proportion, or enough to supply the whole world for 2000 years. (1)

Bright Stars

A "supernova", a star which suddenly assumes thousands of times its normal brilliancy and then declines within a few months, has never been recorded during historical times in our own galaxy. If a supernova should occur in our own galaxy, it might well give us more light than the full moon. It is suggested that the Star of Bethlehem might have been an unusually bright nova in a distant galaxy. (2)

Universal "Cement"

Recent measurements of the inner atomic binding forces, which hold together all matter, reveal that protons are held together by a force equivalent to eleven million electron volts. But the force acts only when the protons come within a tenth of a millionth of an inch of each other. (3)

New Moons

Two more moons, the tenth and eleventh, belonging to the planet Jupiter have just been discovered. The moons are so faint that they will not be visible even with the aid of the 200-inch telescope now under construction in California. They were discovered on a photograph which had been given a very long exposure. (4)

For more complete discussion of the above items, consult recent periodicals as follows: (1) Scientific American, Jan., 1939, p. 10; (2) Scientific Monthly, Jan., 1939, p. 75; (3) Science, Jan. 6, 1939, p. 12 (Supplement); (4) Scientific Monthly, Jan., 1939, p. 76.

LETTER TO THE EDITOR

To the Editor:

In reference to the "Issues" column which appeared in the last issue of THE TECH, I would like to make the following remarks. In the first place, the Ferret doesn't seem to realize that there were two petitions, circulated by sophomores, requesting a referendum upon the Institute Committee's action. The first was introduced by the members of the Executive Committee of the Class of 1941 as a result of our extreme disgust for the action of the Institute Committee in holding '41 partly responsible for the painting of "42" on the Institute and for the impounding of our class treasury. This petition was discarded (some say unjustly) when part of the damage was anonymously paid for. The second petition, circulated by Herbert A. Stein '41, was in defence of a principle with which most of us are in agreement but which we believe impossible to attain. Mr. Stein withdrew his petition, with the consent of the signers thereof, not because of the pressure brought to bear upon him, but because he and his petition were being misunderstood. The Ferret greatly increased this misunderstanding when he explained the purpose of the petition as just a desire "to see what would happen." This is a most fallacious accusation. Neither Mr. Stein nor the Executive Committee of '41 are experimenters in governmental procedure.

And about that Freshman petition: The Ferret "wonders if the petition that the freshmen were passing around could have had anything to do with the withdrawal of the Sophomore petition." That exceedingly small group of us who read the constitution (it can be found in the T.C.A. handbook) realize that there are provisions in this constitution for referendum petitions only, and that a petition suggesting that the sophomores pay all the expense is definitely an initiative petition and as such is therefore entirely unconstitutional and void. I am sure that the sophomore class joins me in giving the Bronx Cheer to the Ferret's "enterprising members of the class of '42" who circulate meaningless and unconstitutional petitions and to the seniors as well (if the Ferret's account is correct) who prepare to put such a question on the ballot.

The Ferret seems to think that we stuck our necks out and asked for trouble. We realize that there would be some trouble, for the powers that be will always object to the efforts of any person not desiring to follow meekly the path laid out for him. However, we did not stick our necks out nor do we interpret the course of events as the defeat of our purpose.

We must admit that the freshmen put one over on us in putting up that flag. They boast of the deed and they have something to boast about, however; they did it and I don't see how anyone can expect us to pay half of it. We broke one ladder (about \$15) and the rest of the cost (about \$70), which came from the Atlantic Flagpole Company, would have existed even if the sophomores had stayed at home that day. We protest in the name of justice and in doing so we use our constitutional rights—the referendum petition. I believe the Ferret has been grossly unfair to us.

JOHN B. MURDOCK, '41



Puns in Paper Mache

Looking over our extensive collection of exchange college papers, the Lounger had decided that there are a lot of humorists in the world, unconscious and otherwise. For example from Dartmouth headlines we learn, "Janitor considers bed making an art; there is more to it than one thinks." And the same boys wanting to tell all in the headlines say, "Upper New Hamp, Lower Top, Sigma Chi, DU Win Games", and U Betas, Theta Chis, Ripley, Smith, Two Fayers, KKK Win." That last group is shrouded in mystery, no doubt. From our own fair sheet comes recollection of one that never ran, "Miss Jane Jones Describes Outdoor Movement to T.C.A. Cabinet." We won't include the head we couldn't run last year when a B. U. hockey team headed by a certain

Dartmouth Knights

Mr. Hoare beat our own aggregation. Ad in the Dartmouth paper, "Your carnival date will appreciate you more if you give her a comfortable room." Well she'll have the room anyway.

Movie Mixtures

If only the producers would make one picture out of some of the combinations of titles that are shown together, the Lounger might go to the movies sometime without waiting for a pass to come along. Looking through the papers recently we spotted a few: in Montreal this week we find that Three Sons Has Nancy and Sons of the Legion; in Somerville we find that there are Five of a Kind, Hard To Get; at the Memorial is Son of Frankenstein and His Exciting Night; in Malden are Prison Break by Men With Wings, not to mention Hawk of Wilderness, No. 3; in Natick, Dorchester, Roxbury, Wollaston, Needham West Newton and Roslindale, the hoi polloi will see Listen Darling, Stablemates. Last summer the theatres ran The Princess of Bali, Air Cooled for Your Comfort and some better ones we won't print, so look up your own in the years following exams.

T.E.N.

(Continued from Page 1)

improvements, the most important of which has lately become safety.

In conjunction with the automobile article, the T.E.N. will install apparatus in the hall off the main lobby for testing reaction times, where any student will be able to test his fitness to drive. All students are urged to take advantage of this opportunity to determine the speed of their reactions so that they will be better able to estimate their ability to meet emergencies.

Frederick Sargeant, '42, in his article on colds, describes his discoveries on the relation of weather to health, particularly with respect to the frequency of the common cold. Sargeant, who is studying meteorology at the Institute, has spent over three years correlating medical records with weather data. His results in this work are in advance of anything which has been done previously in the field of health and meteorology.

The January issue also contains an illustrated discussion of the different forms of glass with their widely varying physical changes and uses, and articles concerning radio frequency control and modern micro-photography of metals.

Robberies

(Continued from Page 1)

the latter's room. According to MacKerron, the alleged thieves were rifling his clothes when he awoke to find them. Under questioning, the youths gave two conflicting alibis first to the students, and then to police.

Hearing Last Month

The accused were first brought for a hearing in the Lower Court last month before Judge Robert Gray, who ordered them held for last week's Grand Jury trial.

Reviews and Previews

SYMPHONY HALL — Sergei Rachmaninoff, the great Russian composer and pianist, will appear next Sunday at 3:30 P.M. Trudi Schoop and her dancers will appear Friday evening Jan. 27.

PLYMOUTH—Sam. H. Harriss presents the play which won the New York Drama Critics' Award, Of Mice and Men, with Claire Luce and Guy Robertson, beginning next Monday.

SHUBERT—Stars in Your Eyes, a new musical comedy from the book by J. P. McEvoy, starring Ethel Mermen and Jimmy Durante, opens tonight at 8:30.

FINE ARTS—Grand Illusion continues for its third week. This photoplay has been acclaimed as the best film of 1938 from any country by the National Board of Review. The Fine Arts has scored again with another picture that well deserves the large audience it is attracting.

EXETER—Janet Gaynor and Douglas Fairbanks, Jr. in The Young in Heart also Brian Donlevy and Lynn Bari in Sharpshooters.

UPTOWN—The Young in Heart and Submarine Patrol, with Richard Greene and Nancy Kelly, is now showing.

PARAMOUNT AND FENWAY—Bing Crosby, Francisca Gaal, and Shirley Ross in Paris Honeymoon is now featured. The second attraction is Storm over Bengal with Patric Knowles.

TREMONT—Robert Taylor in The Crowd Roars, accompanied by Shirley Temple in Miss Broadway.

KENMORE — The Marx Brothers' latest picture Room Service together with Gateway with Don Ameche are the current attractions.

METROPOLITAN — The highly acclaimed air play The Dawn Patrol, starring Errol Flynn, Basil Rathbone, and Donald Niven is now showing. The co-feature is Nancy Drew, Detective with Bonita Granville and John Litel. Zaza, starring Claudette Colbert, starts Thursday.

KEITH MEMORIAL—The latest Horror picture Son of Frankenstein, starring Basil Rathbone, Boris Karloff, Bela Lugosi, and Lionel Atwill, and Charles Ruggles in His Exciting Night are on the current program.

RKO BOSTON—Barbara Stanwyck in The Mad Miss Manton and Henry Armetta in Road Demon are the pictures in the present release.

LOEW'S STATE AND ORPHEUM — Held over, Joan Crawford, Margaret Sullavan, Robert Young, and Melvyn Douglas in The Shining Hour, also Luise Rainer and Paulette Goddard in Dramatic School. Starts Thursday, Gary Cooper and Merle Oberon in The Cowboy and the Lady.

UNIVERSITY — Judy Garland and Freddie Bartholomew in Listen Darling and Heart of the North.

SQUARE — Edward G. Robinson in The Last Gangster and Warren William in Wives Under Suspicion are at the Square in Medford.

HOWARD—Margie Hart is the guest artist this week in the Frisky Frolics revue.

A.E.S. Plans Inspection Of Four Plane Factories

Renting a bus for its mid-term inspection tour, the A.E.S. plan to leave the Institute on the first of February for a three day visit, which will include four aeronautic plants.

Thirty-six men have signed up to make this trip. Stops will be made in Baltimore, where the men will inspect the Glenn Martin and Pan-American plants, and in New Jersey where they will visit the Curtis Wright and Luscombe factories.

Quintet Easily Overcomes Lowell

Textile Team Added To List Of Victims

Team Has Best Record In Seven Years At Tech

Assuring itself of the best record set by a Tech quintet in seven years, the basketball team easily defeated a Lowell Textile quintet 45-30 in Hangar Gym last Friday night.

Only at the very beginning of the game did the Lowell team show any promise of giving the Tech team a good battle, but the many baskets of Paul Schneider and Dick Wilson gave Tech a substantial lead at half time. In the second half the quint continued to pile up their lead until they had doubled the score of the Lowell team. At this time Coach McCarthy pulled the majority of his first team with the result that the Lowell quint spurted their total to 30 by the end of the game. Paul Schneider and Dick Wilson led the scoring of the Tech team with 16 and 14 points respectively.

Fifth Victory of Season

This was the fifth victory of the team in the last six games. There are only four games left in the season but these—against Tufts, Boston University and Brown—will prove the most difficult of the year. However, even if Tech should lose the remaining games they would end the season with an even percentage of wins and losses.

No Tech quintet has turned in such a record since the team of 1932-1933 scored seven wins and four losses. The Tech team has only to win two more games to set a modern record for the sport of basketball at Technology, but these will be the hardest games to win.

The team will rest for a month before they play the strong B.U. quintet in the Hangar Gym on February 15th. The month's rest is expected to put the team in top condition for this tussle.

Wrestlers Lose 21-11 To Brown; Freshmen Tie

M.I.T. varsity wrestlers were again pinned for a loss in a match with The Brown University matmen, 21 to 11, last Saturday in the Hangar Gym. The freshmen teams of the two schools wrestled in The Preliminary Bouts to a 20 to 20 draw.

The varsity had only one fall to its credit, that in the 175 pound class when Johnny Vanderpoel, '40, pinned Leo Lubin of Brown in 12:59 minutes in the most active and closest match of the afternoon. After throwing each other all around the ring for the duration of the regular time, the boys were even. It was not until the last 30 seconds of the overtime period that Vanderpoel slipped out of Lubin's hold and snapped a body lock on him for a fall.

In the first bout Captain Johnny Vyverberg, '39, 121-pounder won a decision over Carter Childs of Brown thus giving his team a three point lead. In the 128 pound class Bill Stone, '40, lost a decision to Gilbert Cain, although he almost pinned Gilbert a number of times. Tech's only other victory was a decision won by David Wang, '40, 136 pounds, over Gleen Gould in an easy match. The first blood was drawn in the 145-pound bout when Andy Kopschiansky, '40, defaulted to Bob Uhle of Brown be-

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Wrestling

BEAVERS ON THE BALL

HOWARD J. SAMUELS, '41

From Cleveland comes the word that Jack Summers, M.I.T. squash coach, was forced to default his final match in the National Professional Squash Championships. Summers, who is rated among the best in the world, was forced to quit after playing one game in the final match. A groin injury caused his default. Summers had previously defeated the last year's finalist in his semi-final match without the loss of a game.

The Frosh Track meet with Roxbury Latin showed plenty of potential material for Oscar Hedlund's future teams. This impressive win makes them the freshman team to watch this year. Next Saturday afternoon they travel to Exeter Academy.

No one can appreciate the fine basketball playing of former Captain Paul Schneider more than yours truly. Paul's fine spirit and splendid playing is in no small part responsible for the showing of the team so far this season. Alumni watching his speed on the court this year say he is playing better

ball than he exhibited in his Sophomore year when he was chosen All New England. Undoubtedly another big factor in this year's fine showing of the team is the playing of Paul's fraternity brother, tall Dick Wilson.

Sounding itself from the bleachers of Hangar Gym, a new yell has become an attraction of every Tech basketball game played this year. No doubt the sounds of "Our Team Is Red Hot" lingers in the memory of anyone who has seen the Tech quint in action this year. The yell was started at Tech by some of the boys in the S.A.E. house.

There has lately been a rush of signatures for the Hangar and Walker Gyms on Saturday afternoons and Sundays, as the dorms and fraternities start their practice for the Beaver Key tournament. Your sports commentator thinks that the Phi Gams and the S.A.E. house will be the teams to beat. Competition has already begun between the Graduate houses.

Squash Team Trips Trinity

M.I.T. Varsity Has Won Five Meets On Its Own Courts

The M.I.T. varsity squash team scored an easy 4-1 victory over Trinity College last Saturday to maintain a 1,000 average in the six games played so far on Tech Courts.

Bob Millar, '40, won a very quick match by 3-0, while Captain Bill Babcock, '39, and Irv Peskoe, '39, took four games each to down their opponents. A 3-2 win went to Art Arguedas, '41, with Al Barton, '40, taking the count at 3-1.

Babcock, Arguedas, and Millar also won their matches last Wednesday to nose out the Walk-Over Club 3-2.

Freshman Team Loses
On Friday the Freshman team lost to the University Club, losing three of (Continued on Page 4)
Squash

Roxbury Routed By Tech Frosh Track Team, 40-23

The freshman track team defeated a strong Roxbury Latin School aggregation by the decisive score of 40 to 23 last Saturday. The dual meet was held on the Tech Field, after Friday evening's snow had been cleared from the board track.

The track was slow, and the weather cold, making conditions anything but perfect. Nonetheless Johnny Silva, the redheaded flash from San Diego who

(Continued on Page 4)
Frosh Track

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Tech Swimmers Defeated by Wesleyan Team 49-26

Winning only one first place, the Technology swimming team came out on the short end of a 49 to 26 dual meet with Wesleyan last Saturday.

No new records were set and the only fast time was in the 50-yard dash in which William R. Schuler, '40 nosed out Eichen of Wesleyan in 25.9 sec. The Tech 440-yard relay team composed of Wheeler, Chestnut, Marshall, and Schuler led the field, finishing in 3:57. Sellas was the high scorer for Wesleyan, winning first place in the 100-yard freestyle in 1:16 and second in the 220.

Medley Relay—Won by Wesleyan (Hancock, Pettitt, Bell). Time, 3:17.2.
220-Yard Freestyle—Won by Mook (W.); second, Sellas (W.); third, Howard (M.I.T.). Time, 2:36.2.

150-Yard Backstroke—Won by Schneider (W.); second, Coe (W.); third, Senior (M. I. T.). Time, 1:54.4.

50-Yard Dash—Won by Schuler (M.); second, Eichen (W.); third, Wheeler (M.). Time, 25.9.

200-Yard Breaststroke—Won by Pettit (W.); second, Nelson (W.); third, Williams (M.). Time, 2:43.1.

100-Yard Freestyle—Won by Sellas (W.); second, Chestnut (M.); third, Tryon (W.). Time, 1:16.

Dives—Won by Stuart (W.), 79.00; second, Howard (M.), 77.12; third, Sexton (M.).

440-Yard Freestyle—Won by Bell (W.); second, Marsh (M.); third, Clothier (W.). Time, 3:55.8.

440-Yard Relay—Won by M. I. T. (Wheeler, Chestnut, Marshall, Schuler). Time, 3:57.

T.C.A. Seeks Foreign Students For Speeches

Two foreign students of different nationalities are wanted, the T.C.A. announced last night, to address the Men's Club of the Lawrence Y.M.C.A. at a dinner meeting on Monday, January 23 at 5:45 p.m.

The speakers will leave on the 4:55 train from North Station with all expenses paid. Volunteers for this speech will be greatly appreciated by the T.C.A. Anyone interested is requested to contact Willard S. Mott, '41, chairman of Foreign Students Division, or any other official of the T.C.A. for information.

TRO 4218

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CALENDAR

TUESDAY, JANUARY 17

12:00 Noon Junior Prom options on sale—Main Lobby.
 3:00 P.M. Technology Matrons' Tea—Faculty Room.
 5:00 P.M. M.I.T.A.A. Meeting—East Lounge.
 6:30 P.M. Course XV Graduates' Dinner—Silver Room.
 6:30 P.M. Professor Voss Dinner—Faculty Room.

WEDNESDAY, JANUARY 18

12:00 Noon Deadline—Freshman P. T. Substitution.
 5:00 P.M. Technology Bible Study—Room 5-014.
 7:00 P.M. T.E.N. Banquet—North Hall.

THURSDAY, JANUARY 19

12:00 Noon T.E.N. January Issue "Auto News" out.
 6:30 P.M. Plant Engineers Club Dinner—Faculty Room.

Riflemen Defeat W.P.I. Severely

Musketeers Maintain Clear Record In Collegiate Rifle Matches

Shooting their way to their fifth victory in six matches, the Beaver rifle team severely defeated the sharpshooters of Worcester Polytechnic Institute last Saturday afternoon at Worcester by a score of 870 to 810.

Winning this match gave the marksmen a clear record in their intercollegiate shooting, for in their only other intercollegiate shoot they defeated Northeastern University by a substantial score. Next college match will be held on Saturday, February 11, when the team travels to Annapolis to fire against the Naval Academy. The Navy have been collegiate champions for ten out of the last twelve years, so the Beavers are expecting rather stiff competition.

Sophomore Stars

High man last Saturday was a Sophomore, William F. Orr, '41, who was only shooting in his second varsity match.

Frosh Track

(Continued from Page 3)

saw snow for the first time this winter, showed that he could do as well in cold weather as he has under the California sun, and cleaned up in the 300 as well as placing second in the 50. Burly Jack Madwed of Bridgeport helped the Engineer cubs no end by hurling the shot 42 feet 2 1/4 to clear his nearest competitor's mark by over a foot. Ford and McKee also starred by taking firsts in the high jump and 50 yard dash respectively.

Currier-Ives Lithographs Exhibited In Nautical Museum With \$3000 Prints

Tucked away in a special room in the Pratt Building is the Institute's nautical museum where repose almost everything about shipping's romantic development from rare old whaling prints to authentic Currier-Ives lithographs.

Some genuine collector's pieces are included among the museum's exhibits. Two whaling prints in the collection were priced at \$3,000 several years ago. Their value lies in the fact that one of them had been originally mistitled, the error only being corrected after several impressions had been made. The particular print in the Institute's collection is believed to be one of the wrongly titled impressions, subsequently erased by the late Captain Arthur Clark who knew it to be wrong.

Currier-Ives Prints Exhibited

Captain Clark was responsible for another of the museum's important relics when he bequeathed to the museum sixty-odd genuine Currier and Ives prints. These prints, done by Nathaniel Currier and James Merritt Ives, well-known lithographers of the nineteenth century, really constitute the source of the most authentic information concerning nautical conditions during those times.

Professor Jack Is Curator

Watching over the exhibits with a proud and almost affectionate eye is Professor Emeritus James R. Jack of

Free Techniques Offered For Advertisement Sales

Free Techniques are being offered to students who can sell half or full page advertisements, or their equivalent, for this year's annual. In the event that a subscription has already been paid for, a refund will be made. Details can be obtained at the Technique office, third floor Walker, any day this week between five and six o'clock.

Subscriptions for the 1939 Technique are still available for \$4.25 any time before registration day. On registration day the price will be \$4.50. After that it will go up to the regular \$5.00.

Wrestling

(Continued from Page 3)

cause of a continuous bloody nose and a wrenched knee.

The Freshmen in their first match of the year did better than their seniors, in a series of active bouts all ending in falls, four for Tech and three for Brown. The tied score was brought about by a default on the part of George Bing-You, '42, to his Brown opponent. The freshmen team show great promise as a result of their large number and excellent training. The summary:

Varsity

121-Pound Class—Capt. John Vyverberg (T.) beat Carter Childs (B.), decision.
 128-Pound Class—Gilbert Cain (B.) beat William Stone (T.), decision, overtime.
 136-Pound Class—David Wang (T.) beat Glen Gould (B.), decision.
 145-Pound Class—Robert Uhle (B.) beat Andy Kopschiansky (T.), default.
 155-Pound Class—Robert Hubble (B.) threw A. J. Powers (T.), 8:32.
 165-Pound Class—George Keller (B.) beat Richard Powers (T.), decision.
 175-Pound Class—John Vanderpoel (T.) threw Lee Lubin (B.), 12:59, overtime.
 Heavyweight—Fred Nast (B.) threw David Goodman (T.), 6:55.

the Naval Architecture department, honorary curator of the museum. Ship models, nautical paraphernalia, old and new prints, all are considered quite valuable by Professor Jack as records of the great days of American shipping.

Famous Ships Pictured

Artistically, most of the museum's prints are stilted and conventional, but technically they are accurate and valuable. Particulars concerning dimensions, and in many cases particulars of the best runs are included in the prints of such historic vessels as Red Jacket, The Flying Cloud, Sweepstakes and Dreadnought.

Mississippi System Shown

Another series of prints give an important portrayal of the details of construction and system of operation of the Mississippi steamboats. The pictures show the workings of this efficient system, used thousands of years ago on the Nile and revived to meet the special conditions of traffic on the Mississippi.

The Institute's museum was founded in 1921, the year in which the Pratt building was erected. According to Professor Jack, the collection is not now complete, but in the next several years he hopes that the story of American marine transportation as portrayed in the museum's exhibits may be even more expanded.

Prof. Burchard Speaks At The Tech Banquet

Head Of Bemis Foundation Says Digests Discourage New Thought

(Continued from Page 1)

the cryptic statement: "Children who eat 'pap' never grow teeth."

Bartlett Announces New Boards

Following the speaker, David A. Bartlett, '39, retiring General Manager of THE TECH, spoke about the mistakes of the retiring Managing Board, and cautioned the new Managing Board against similar ones.

Sumptuous Dinner Served

Dinner opened with grapefruit, and then soup. Filet Mignon, green peas, and mashed potatoes constituted the main course, followed by ice cream. California Sherry wine was served with the meal.

At the close of his introductory speech, Mr. Bartlett announced the new boards of THE TECH.

Junior Board Announced

The following men, all of the class of 1941, were elected to positions on the Junior Board: Clayton K. Baer, Adolf Bertsch, Donald B. Cameron, Cranmore W. Cline, Harold E. Dato, Ben K. Duffy, Frank J. Jerome, Raymond F. Koch, Martin Mann, Howard A. Morrison, Howard J. Samuels.

Two New Positions Created

Two new positions were created this year, one in the news room, and one in the business office. In the news room, the position of News Editor was created, and in the business office the position of Associate Advertising Manager was established to take care of the growing needs of the business office.

Squash

(Continued from Page 3)

their games. Jack Sheetz, playing number one, defeated his opponent 3-2, and Jack Ames followed up with a 3-0 win. Lou Stouse and A. J. Oszy took the wrong end of 3-1 scores, with Ted Badger receiving the only shut-out.

Emerson Cup Tournament

Immediately after the vacation, the first round of the Emerson Cup Tournament will be started. All sophomores, juniors, and seniors are eligible to enter. The winner and runner-up will each get a cup, with the winner recognized as the Tech Squash Racquets Champion. The victor will have his name engraved on a permanent trophy which is on display in the Walker trophy cases. The trophy was donated by Charles Emerson, '04, to stimulate squash racquets at Technology.

For the benefit of those who are not good enough to beat the varsity players, a junior varsity tournament will be held at the same time as the Emerson Cup tournament. Every sophomore, junior, and senior with the exception of the six varsity players will be eligible to enter this tournament. Entries for both tournaments are now being accepted at the squash courts.

The annual freshman squash tournament will also be started at the beginning of the next term. All freshmen substituting squash for P.T. will be automatically entered in the tournament. Other freshmen may also enter.

Infirmiry List

Robert B. Goodwillie, '40.
 Thomas E. Hicks, '42.
 Conrad N. Nelson, '41.
 Max Schweinschaut, '41.
 William L. Sweet, '40.

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Simmons Girls Refute Harvard, Claim That Vote Was Crooked

Showing a conspicuous lack of that certain polish said to be one of their characteristic attributes, the inhabitants of a well-known "college" up the river a few miles from Tech have recently made the accusation that the sponsors of the recent Simmons College popularity poll were not wholly ethical in their treatment of the ballots. Besides accusing the girls of "stuffing the ballot boxes", the boys stated in a letter to the Editor of the Simmons News that they did not like the fact that they were registered as "also rans" in the poll.

THE TECH was informed by a Simmons correspondent that certain members of the Harvard Crimson obtained the telephone numbers of several Simmons girls who had been a bit more outspoken than the others in their campaigning in behalf of Technology men, and annoyed them for several days with their infantile demands that a recount be taken. Student opinion in the Brookline college was, and still is, that the poll was

fairly conducted, and that "the babies up the river are just acting like a crowd of soreheads."

The Simmons correspondent received the following illuminating answers to the question "Do you think that the popularity poll was fairly conducted, and do you agree with the results?"

Miss Virginia White, '41: "In my opinion the poll was fairly conducted, and Harvard is just crying 'sour grapes'. My ideal is a Tech man—how could I disagree with the poll?"
 Miss Bette Mannel, '42: "The poll was as well conducted as such things can be. After dating many men, including several Harvard men, I have chosen a Tech man to be my number one boy friend."

Miss Esther Stevens, '42: "Although I am now going steady with a Northeastern boy, I think that Institute men are just about as nice to a girl as any others, and they are certainly much nicer than the average Harvard man."

Tech Will Donate To Boston's Fund

Contributions to Community Campaign Set For Before Exams

Technology's participation in the Greater Boston Community Fund Campaign is set a week in advance of the main campaign in order to avoid the examination and mid-year vacation periods. Professor James F. Norris, chairman of the Institute's Committee announced. The dates are Wednesday, January 18th, through Saturday, January 21st.

In an effort to organize the participation by the one hundred or so schools and colleges in this region on a basis more consistent with the efforts made in the other organizations of the community, President Karl T. Compton this year took the chairmanship of the Institutions Division of the Community Fund Campaign, and Mr. Jerome Greene, Secretary of the Harvard Corporation and Board of Overseers, has taken the Chairmanship of the Schools and Colleges group of this Division.

Departmental Solicitors Named

At both Harvard and Technology and other institutions the effort is being made to double last year's contributions. At both institutions departmental solicitors have been appointed for the instructing staff and the employee groups have been similarly organized.

Because of the T.C.A. Campaign and also because of outstanding pledges on the Gymnasium Campaign of last year, it was decided not to attempt an organized campaign for the Community Fund among the students this year. However there will be a desk with an attendant near the Main Lobby of the Institute during the campaign period, where students who wish to participate in this community program will have an opportunity to sign Community Fund pledge cards in the name of the Institute.

Dorm Dance

(Continued from Page 1)

syncopation was largely responsible for the success of the Open House Ball and other dances.

The committee in charge of the dance under the leadership of Chairman Harold J. Muckley, '39, are as follows: L. Hurley Bloom, '40, Robert Grosselinger, '40, Edward M. Wallace, '40, James L. Hall, G. Willard Mott, '41, and Thurston S. Merriman, '39.

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The Tech



2-296

Volume LVIII, No. 57

CAMBRIDGE, MASS., FRIDAY, JANUARY 20, 1939

Price Five Cents

Junior Prom Sales Boom; 400 Options Sell Like Wild Fire

Remaining Options To Be Offered To Public

More than 400 options to the Junior Prom were purchased by members of the Class of '40, in the three days of sale, the prom committee announced last night.

The options were available, to Juniors only, from 12 to 2 in the Main Lobby during the past three days.

General Sales in February

General sales of tickets will begin sometime in February. Only a restricted number of options are to be sold, and the committee expects to better last year's record, when all tickets were sold out within eleven minutes.

The dance is scheduled for March 3 in the Imperial Ballroom of the Hotel Stadler, with Larry Clinton furnishing the music. Tables will be available and may be reserved in February, when the options are redeemed.

\$4.95 Total Cost

The entire cost for admission to the affair will be \$4.95. Options are priced at \$2.50, while redemptions are \$2.45.

(Continued on Page 4)

Junior Prom

Library Prizes Will Be Awarded

The Friends Of The Library To Give \$25 To Student Art Collectors

The Friends of the Library has announced a prize of \$25.00 "for the best collection of books, prints, or other specimens of the graphic arts assembled by a student". The purpose of this contest is to promote and recognize intelligent interest in books on the part of undergraduates at the Institute. In awarding the prize, the judges will attempt to look for the best results at the least cost.

Candidates have already signified their intentions of entering the contest, and entries of the collections themselves must be in the hands of the Friends on or before Monday, April 17, 1939. A description of the collection, including the field of concentration, purpose of the collection, and the period over which the collection has been conducted is to accompany every collection. The Friends of the Library reserve the right to request of the winner and of other candidates permission to exhibit their collections at the Institute or other places. The collection need not be concentrated in the field of science, engineering, or architecture.

George Beesley Elected To Be Head Of A.X.S.

Elections to Alpha Chi Sigma, Honorary chemical society, constituted the chief business at a meeting held last Wednesday. George Beesley, '39, was chosen Master Alchemist, a position corresponding to president.

Others elected to office are as follows: Manning Morrill, '39, Vice-Master Alchemist; Karl Pfister, '40, Master of Ceremonies; Joseph Casey, '39, Vice-Master of Ceremonies; Russell Hayden, '40, Treasurer; Jack Schaum, '40, Assistant Treasurer; William Hagenbuch, '40, Reporter; and Paul Keitel, '40, Recorder.

Dorm Robbers Get 5 Months

McHugh, Murphy Plead Guilty To Breaking And Entering

Standing expressionless in the prisoner's cage, John W. Murphy and Joseph M. McHugh last Tuesday morning heard Judge Wilford D. Gray sentence them to five months of hard labor in the House of Correction, Cambridge, for breaking into the Technology dormitories last December.

The pair, pleading guilty, appeared before the Cambridge Superior Court, after being indicted last Thursday by the grand jury.

Sentence Altered

Sentence for the prisoners was at first set at six months each. In view of the fact, however, that both Murphy and McHugh had served several weeks of previous sentences before being released on probation, Judge Gray altered the sentence to five months.

Because the prisoners had not actually taken anything before they were captured, a formal hearing with witnesses was called by Judge Gray. After privately hearing several witnesses, counsel for the defense, and the prosecutor, sentence was passed and announced by the clerk of the court.

The accused were brought before Judge Robert Gray in the Cambridge Lower Court last month after their arrest. At that time a hearing was waived and the pair were ordered to appear before the grand jury.

Thorne Loomis Tour Announced

12 Countries, 25 Major Cities Will Be Seen By 10 Students

An itinerary including twelve countries and more than twenty-five major European cities will be a feature of the 1939 Thorne Loomis Industrial Tour of Europe, it was announced today. The countries to be visited, in the order named, are England, Scotland, Norway, Sweden, Denmark, Germany, Austria, Italy, Switzerland, France, the Grand Duchy of Luxembourg, and the Netherlands.

The duration of the tour will be twelve weeks, which is several weeks longer than the average of the six previous tours. The groups will embark in New York on June 2 on the Holland-America S.S. Statendam, and

(Continued on Page 4)

Thorne Loomis

"Don't Resell Your Prom Options" Pleads Farrell

An appeal to the members of the Class of 1940 not to resell their Junior Prom options was made last night by W. Happer Farrell, Chairman of the Committee.

"I've heard that some of the fellows are attempting to resell their options at a higher price. I wish those fellows would think twice before doing this. Remember that the Prom is put on by the Junior Class for the benefit of the Juniors. Fellows selling their options will be missing the dance of a lifetime."

German Refugee Committee OK'd By Inst. Comm.

Committee Formed To Give Living Expenses For 5 Refugee Students

Approval of the constitution of the Technology Refugee Committee was made by the Institute Committee last night in a listless pre-examination meeting of the legislators.

The newly formed committee, which has assumed the burden of raising money to pay living expenses for German refugee students at the Institute next year, is headed by Norman Klivans, '40. The Executive Committee of the Corporation of the Institute has voted to provide free tuition for up to 5 refugees, provided a sum equal to the tuitions is raised from outside sources.

A touch of humor livened the otherwise dull meeting when it was suggested that the Institute Committee have a dinner party, the expenses for which would be taken out of the Sophomore class treasury. The suggestion was abandoned when John B. Murdoch, '40, sophomore class president, threatened the Institute Committee with a flood of demands for referenda.

Fund's Administered Through Bursar's Office

The following provisions were made by the Institute Committee, in giving its stamp of approval to the Refugee Committee:

1. "If the Committee does not re-

(Continued on Page 3)

Inst. Comm.

Institute Library Given Book Designed To Last 5,000 Years

Up in the rare book collection of the Central Library is a volume which is expected to be still in existence five thousand years hence. The volume is entitled "The Book of Record of the Time Capsule of Cupaloy," and was made for the purpose of explaining to civilization fifty centuries hence the location and purpose of the well-known Time Capsule.

First knowledge that the book was coming to the Institute library came on September 29, 1938. On that date the head librarian received a letter from G. Edward Pendray, assistant to the president of the Westinghouse Electric and Manufacturing Company. The letter explained that the book which was being mailed to the Institute was to be kept under careful observation because it was to remain intact until the year 6938

When the idea of the Time Capsule was first conceived the fact was realized that some sort of record must be made to accompany it and explain it to future civilization. The "Book of Record" was the result.

Volume Carefully Made

The book itself is a masterpiece of modern publishing. Frederick W. Goudy was secured to design the volume. It was subsequently printed on fine, especially made 100% rag paper in permanent inks, hand sewn with linen, and permanently bound.

The edition is this generation's message to the future. The number of copies made was strictly limited and sent only to a carefully selected list of libraries, museums, and other repos-

(Continued on Page 3)

Library

T.E.N. Announces Selection Of Speas As General Manager

T.E.N. General Manager



Dixon Speas, '40

Card And Schaum Also Elected To Board

Dixon Speas, '40, was announced as the new General Manager of the Tech Engineering News, at the annual staff banquet held last Wednesday evening in Walker Memorial. Jack H. Schaum, '40, was elected the new Editor-in-Chief, and Samuel P. Card, '40, is the new Business Manager.

Speas, of Winston-Salem, North Carolina, is a member of Scroll, and Gridiron, honorary publications societies, Beaver Key Society, and formerly served on the T.E.N. as Circulation Manager.

Card, of Baltimore, Maryland, is also a member of Scroll and Gridiron, and of the Beaver Key Society, and formerly held the position of Advertising Manager.

Schaum, of McKeesport, Penna., is likewise a member of Scroll and Gridiron, is a member of Alpha Chi Sigma, and the Student-Faculty Committee. His previous position has been Associate Editor.

Junior Boards Announced

Also announced were the elections to the Editorial Junior Board, including: Art Editor, Eugene E. Crawford; Managing Editor, Walter E. Morton;

(Continued on Page 4)

T.E.N.

Marriage Talks Sponsored By TCA To Be Delivered

Professor Magoun's Series Of Last Year Will Be Enlarged Upon

A series of eight lectures on marriage, more extended in scope than the highly successful series of last year, will be given every Thursday at 4 p.m., and repeated at 5 p.m., if necessary, beginning February 23, according to the T.C.A.

A new and experimental feature will be Question and Answer periods which will be held on the day following each lecture at 5 in Room 6-120. These discussions will not be continued for the entire course if interest is lacking.

Professor F. Alexander Magoun will deliver the part of the series on the general subject of "Problems Before, At The Time Of, and After Marriage" while Professor Albert A. Schaefer will speak on "The Legal Aspects of Marriage". As yet unannounced speakers will cover the topics of "Budgets", "Pre-Natal Care", and "Child Psychology".

The idea of presenting a series of frank lectures on the subject of marriage was first initiated and put into effect at the Institute last year by the T.C.A. Last year's three lectures, two of them repeated, attracted a total of 2,000 persons and encouraged the T.C.A. to expand the service this year. The previous policy of admitting all persons will be continued.

Professor Morris Will Speak On Meteorites

Professor Frederick K. Morris, of the department of Geology, will speak on "Rocks from the Sky" February 12. Professor Morris has just returned from a year's journey around the world, during which he has made many geological studies. His lecture will be illustrated by slides and by meteoric specimens of worldwide distribution. This is the third of a series of lectures sponsored by the Society of Arts.

Last Lecture is on Biology

The final lecture in the series, "Living Mechanisms and How the Exact Sciences Measure Their Functions", will be presented by Professor Joseph W. Horton, of the department of Biology, on Sunday, March 12.

ATO's Isolated By Scarlet Fever

Homberg Infirmary Makes Quick Diagnosis Of Thomson Case

Brilliant little red spots covered the body of A.T.O. pledge Gilbert Thomson, '42, last Tuesday morning, indicating a severe case of scarlet fever and causing the entire A.T.O. house at 37 Bay State Road to be placed under strict quarantine.

The quarantine, starting officially last Wednesday morning, will be continued for a week and is expected to end next Wednesday morning. The A.T.O.'s are not quite sure where they stand on the subject of their examinations, but it is rumored that Thomson is considered as a public benefactor by the members of the house.

A.T.O.'s Avoided

When the news of the scarlet fever case started to circulate around the Institute, Thomson's fraternity brothers were given wide berth by those who knew them. Even the professors stood a long distance off from them when they gave out their advance assignments.

Reporters of The Tech have been unable to penetrate the barrier set up by the Department of Public Health, but stories are already filtering out of the isolated house. Those peering in through the windows have noticed that some enterprising fraternity men slipped out before the padlock order became effective and built up the supply of cigarettes, playing cards, magazines, and nickels for the telephone to tremendous proportions.

"Heil Thomson"

Observant students around the campus have even gone so far as to say that some of these nickels are falling into the tills of the local movie palaces, although these rumors are entirely unsubstantiated as yet. Anyone strolling down Bay State Road can, however, hear the oft repeated cries of "Heil Thomson" which reverberate frequently from the Concentration camp.

The Tech

Vol. LVIII Friday, January 20, 1939 No. 57
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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 2nd Stooze: Edwin K. Smith, Jr., '39
 3rd Stooze: George Dadakis, '39

THE LAST CHANCE

Coming to the end of a year of writing editorials, we hardly know whether to laugh or cry. We are tremendously relieved to have considerable responsibility lifted from our shoulders, but we have a feeling that rather than having lifted the burden a little higher during our term of office, we have had spells of letting it slide down from our shoulders so that now our successors will have the work of lifting it up again.

Not that we believe that all of our ventures, or even most of them, have been failures, but we are beginning to see some of the advantages of learning things from books rather than from the school of hard knocks. We have run into a great quantity of walls that would never have stopped us had we been fortified with a little more preparation, and we have stepped into other situations like an elephant looking for robin's eggs when more tact might have brought us to our goal. If any wisdom comes from experience, it should not take us much longer to become wise.

Following an interesting course of action, we have a huge impulse to criticize other students for their self-importance in trying to be recognized as factors in the politics of our nation and the entire world. We see it is extremely silly for these embryonic dust particles to decide the right and wrong of the whole whirl-wind of life on this planet, while at the same time we puff ourselves up and feel masterful as we criticize our elders or decide an editorial policy based on our own decisions rather than on form and tradition.

Wielding some authority and occasionally influencing the course of affairs leaves us with some impressions of the business and political world rarely found in the Institute's regular courses. Our problems must all be decided with partial data, colored to an extreme by those who give it to us. Aside from that, there are a multitude of answers only one of which is right, but all of which appear to satisfy most of the conditions necessary.

Studying for so long, fairly exact sciences, makes editorials a considerable jolt to our system, but a most interesting source of information and understanding. They have interested and informed us who have written them for a whole year. We hope that they have done the same for you.

MORE MARRIAGE LECTURES AND THE REASON FOR THEM

Despite the pernicious influence of mid-night bull sessions, the genuine and deep interest of Institute students in the problems of marriage, which was strikingly displayed by the attendance at the marriage lectures last year, is still more strikingly displayed by the announcement of the expansion this year of that course of lectures.

It is with pleasure that we can look forward to profiting not only by Professor Magoun's experience and ability, but also by the ability and experience of the other invited speakers.

The popularity of the lectures last year and the profound attention of those who attended is an emphatic declaration of the necessity of such a course. That necessity has been discussed at length in various manners during the past year or so throughout the entire country, but it is still present.

The fact still remains that however prosperous a man may be in his own corner of the business world, no matter how far he has advanced the mechanical perfection of civilization, he still cannot be, in truth, called a successful man unless he also achieves a corresponding fullness of harmony in his domestic life.

Success in business is, in the majority of cases, only a by-product of the struggle to live in a highly competitive world; whereas, success in marriage is the single aim of the search for personal happiness. The man who is successful in the first but not the second is in no happier condition than the allegorical Midas.

And success in marriage is one of the things which often cannot be learned by experience; the process of learning can very easily wreck the desired result. Furthermore, the mutual harmony of a good marriage is not by any means as materialistic a subject of learning as is chemistry. It is founded on that mysterious logic and perverseness of human nature which is, as a rule, an exasperating riddle to the average human extrovert. The slackened divorce laws of the last decade have brought into the light, as is shown by the steadily increasing divorce rate, the extent and variety of the conflict possible to marital life. But it has shown us no cure for that conflict. The lectures in store for the Institute this spring will be perhaps our only chance to find out how and why marriages do not click, and how we can prevent that in our own future life.

SCIENCE IN BRIEF

By ARTHUR M. YORK, '38
Hydrogen Peroxide Does It

The action of sulfanilimide, the latest boon to the cure of disease from streptococcus germs, now seems more complicated than was at first imagined. Now it is believed that simple hydrogen peroxide really does the curing by attacking the streptococci. Curiously enough the hydrogen peroxide is produced by the streptococci themselves which would be defenseless against their own product, were they not ridded of the peroxide by catalase, an enzyme. Catalase is in turn combatted by a substance formed by the action of hydrogen peroxide on sulfanilimide. (1)

Worker vs. Machine

During the last 60 years the number of jobs in American factories has increased threefold while the population of the country has increased only 2.6 times. Total factory wages have been multiplied by 11 in the same period. In other words, the machine has not been displacing the worker. On the contrary, more workers are being used in proportion to the total population and are being paid much higher wages. (2)

Arousing Maternal Instinct

There are six different substances, including five kinds of hormones and carbolic acid, which can arouse the maternal instinct. In one experiment the implantation of the female sex hormone progesterone in male doves caused them to sit on eggs until hatched and then to feed the young until they were ready to fly. (3)

Heavy Atmosphere

There exists at the bottom of the atmosphere of the planet Jupiter an air pressure a million times the pressure at the bottom of the earth's atmosphere. Even at a small depth in Jupiter's atmosphere the pressure is so great that the air is compressed to a density almost equal to that of the corresponding liquid. (4)

For more complete discussion of the above items, consult recent periodicals as follows: (1) Science News Letter, Jan. 14, 1939, p. 24; (2) Scientific American, Jan., 1939, p. 36; (3) Scientific Monthly, Jan., 1939, p. 51; (4) Nature, Dec. 10, 1938, p. 1021.

Reviews and Previews

COPLEY—The Federal Theatre has announced that its coming presentation of *Macbeth* will be on a more extended scale than previous productions. The script will follow as closely as possible the original version as written by William Shakespeare. The quick changes of scenery required by this play will be effected in part by an advanced scheme for illusory lighting.

The cast, just announced, will include Glenn Wilson as *Macbeth*, Elsa Taschko as *Lady Macbeth*, Basil Burwell as *Macduff*, Harry E. Lowell as *Banquo*, and William Warren as *Duncan*. The afternoon and special evening performances will be open to students at a reduced rate. A large number have obtained tickets for these performances already. Mr. Eugene C. Keenan has announced that while the first week beginning January 31 is almost sold out, the reduced rate for students will be in effect for the two weeks following.

SYMPHONY HALL—Rachmaninoff's coming appearance this Sunday is the feature of the week.

SHUBERT—Ethel Merman and Jimmy Durante are featured in the new musical comedy *Stars in Your Eyes*.

PLYMOUTH—Of *Mice and Men* will open next Monday and will feature Claire Luce and Guy Robertson.

FINE ARTS—The widely acclaimed French photoplay *Grand Illusion* continues in its third week.

LOEW'S STATE AND ORPHEUM—The new romantic comedy *The Cowboy and the Lady*, starring Gary Cooper and Merle Oberon, heads this week's bill. The co-feature is *Smashing the Spy Ring* with Fay Wray and Ralph Bellamy.

COPLEY THEATRE
 Federal Theatre [W.P.A.]
 presents
MACBETH
 staged by
 ELIOT DUVEY
 opening
 Tuesday, January 31
 5 nights weekly
 Tuesday to Saturday 8:30
 Matinee—Saturday 2:30
 Special Student Rates Available Now
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The Summer Session extending from June to September includes many of the undergraduate subjects given during the academic year.

For information about admission, communicate with the Director of Admissions.

Any of the following publications will be sent free on request:

Catalogue for the academic year
 Summer Session Bulletin
 Educational Opportunities at the Massachusetts Institute of Technology

Ski Club Plans Midyear Outing

Groups Will Spend Five Days In Vermont; Anticipate Good Skiing

With almost positive indication of good skiing on Mt. Washington, the ski team and several others interested will make their headquarters on Sunday, Jan. 29, at the versatile Intervale-Jackson area. During their stay from Sunday until the following Thursday, the men who will represent Tech in the coming ski meets and races will be selected.

Another group headed by President John Detlefsen will locate from Sunday to Thursday at the D.O.C.'s (Cloudland Cabin near Woodstock, Vermont. Should the snow conditions there be unfavorable, the group may move northward to Stowe, Vermont, or to certain skiing areas in the Mt. Mansfield-Smuggler's Notch region.

Library

(Continued from Page 1)

ories. One of the earlier paragraphs in the book neatly phrases its own purpose:

Purpose Stated

"We pray you, therefore, whoever reads this book, to cherish and preserve it through the ages, and translate it from time to time into new languages that may arise after us in order that knowledge of the Time Capsule or Cupaloy may be handed down to those for whom it is intended. We likewise ask: let the Time Capsule rest in the earth until its time shall come; let none dig it up for curiosity or for any other reason. It is a message from one age to another, and none should touch it in the years that lie between."

Now quite famous, the Time Capsule, for which the book was made, was constructed of the finest materials, after exacting research had been conducted to determine which would best stand the ravages of time to the extent of our present knowledge. The country's foremost engineers, metallurgists, historians and chemists were engaged in the making of the capsule and its contents.

Capsule Is Mostly Copper

An alloy, known as cupaloy, consisting of 99.4% copper, .5% chromium, .1% silver, was the material finally selected for the manufacture of the capsule. With typical contemporary articles, fabrics, materials, books, newsreels, and an essay in micro-film of more than 10,000,000 words and 1,000 pictures, the capsule was buried on the site of the New York World's Fair at twelve noon on September 23, 1938, the exact moment for the autumnal equinox of that year.

Inst. Comm.

(Continued from Page 1)

lease at least one scholarship by the end of the second term of this year (1938-1939), its recognition will automatically be withdrawn. If one or more scholarships are released, the Committee will retain its recognition for one more year, at the end of which time the above conditions will still prevail.

2. "The Committee will deposit all funds with the Bursar and will submit monthly reports to the Institute Committee."

Publications Elections Approved

The meeting of the Institute Committee was convened at 5.05 P.M. by Chairman William F. Wingard, '39. First order of business was a report by the Constitutional Reviewing Committee, recommending that the proposed changes in the Constitution of The Tech be approved. The recommendation was followed, and shortly afterward the solons overwhelmingly ratified a few changes in the constitution of the M.I.T. Athletic Association.

Dorclan Constitution O.K.'d

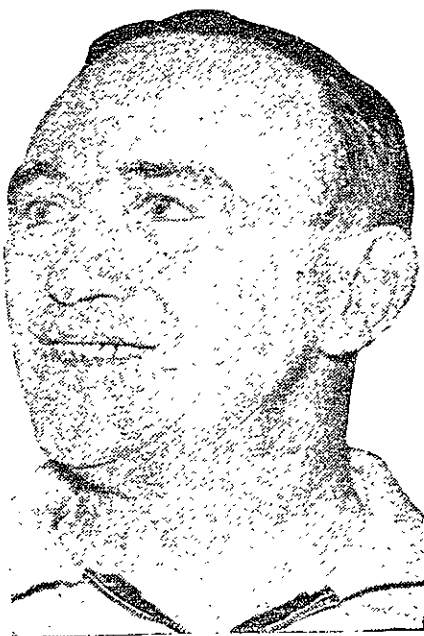
Approval of changes in the Constitution of Dorclan, Dormitory Junior

SHORTS ON SPORTS

HOWARD J. SAMUELS, '41

LIKE FATHER LIKE SON

Following the old proverb of "like father like son" comes news of the success in the field of boxing of the sons of Tom Rawson, M.I.T. boxing coach. Tom was himself a real champion of the fistie combat. Before becoming coach at Tech seventeen years ago, Tom was national champion in his 125 pound weight class for many years. Today his older son is a boxing champion in the state of Washington where he is studying law. His younger son, Robert, recently entered the professional circles of boxing. In 1934, he was 145 pound Amateur Champion in New England. Today he is one of the country's outstanding challengers in that weight.



"P. T." McCARTHY JR.

Not yet as well known as the sons of our boxing mentor is the son of our genial basketball coach, Henry McCarthy. Although "Mac" has not made any formal statement about the future of his son, I am sure a place has been picked for him on the All American basketball team of 1950. He might even be a Tech All-American, if anything like that could at all be possible. (This is of course barring any possibility of our All-American prospect passing his 8.01 final).

OSCAR "EDDIE CANTOR" HEDLUND



Probably not cut out to follow the steps of her famous father is the daughter of Oscar Hedlund. Other fields seem to be drawing the attention of this versatile girl as Tennis takes the first spot. Miss Hedlund's beauty is well known. Well, Oscar, how about bringing her around some time?

\$100 FOR SUMMERS

Back from Cleveland after being forced to default in the finals of the National Professional Tournament is Jack Summers, Tech Squash Coach. Jack is however one hundred dollars richer for his trouble as this, and a silver plate, was also the spoils of the runner up. Summers was forced to default his final match because of a torn muscle. Summer's loss in not winning the tournament is not only the extra hundred dollars for the winner but the loss of prestige in advertising contracts. He estimated he lost over a thousand dollars by not being able to finish his final match. This is of course if he came out on the best end of the score.

SEMI FINALS IN I.F.C. PING PONG

Four fraternities paddled their way into the semi-finals of the I.F.C. Ping Pong Tournament competition. In the upper bracket, the Lambda Chi Alpha house is paired against the Phi Beta Deltas. The Sigma Chis meet the Theta Chi in the lower half of the draw. The Theta Chi house is favored to win the tournament this year due to their swamping victory last year. The semi-finals must be completed by February 12th and the finals are scheduled the next week.

P.T. SUBSTITUTION

As the final week of school comes to a close, there is that yearly rush of freshmen to make up their P.T. cuts or receive a deficient in the course. Also for the notice of freshmen is the deadline to sign up for substitutions in Mr. Henry McCarthy's office in Walker Memorial. This deadline is Wednesday.

and Senior Honorary Society, was granted. Also on the docket was the approval of the elections to the Junior and Senior Boards of The Tech, T.E.N., and Voo Doo; appointments to the Aeronautical Society; and appointment of a committee to draw up plans for an Institute Committee dinner.

The meeting adjourned at 5.55, upon the appointment of the above committee, consisting of Paul Sandorff, '39, H. Garry Wright, '40, and John Murdock, '41.

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Football Was Favorite Sport In Tech When Grandfather Attended Institute

Was M.I.T. ever a real dyed in the wool rah-rah college? In the autumn did lusty cheers and football rally calls reverberate through our halls? Most of us, while facing a sombre schedule with a full Saturday morning and classes till five every afternoon, would advance an emphatic negative. We meekly say, when some starry eyed lassie asks why she hasn't heard of the Tech football team, that Tech is only interested in the higher things of life; she always has been and always will be. But we are wrong.

Tech "Was Collegiate"

Fifty years ago Tech was "collegiate" with the best of them, and football reigned supreme. When the leaves began to fall Tech interest was not concerned with the possibilities of lasting another term, but was avidly contemplating the prospects of the cardinal and grey eleven. "Summer has waned and autumn and the football season are here" said the Oct. 10, 1889, issue of the Tech. And what a season it was, full of glamor and glory if not victorious. We see that during early practice "not a few of the team's admirers turned out to see what the outlook would be" Hopes were that "as good an eleven as possible would be picked from the present chaotic mixture of players and captains", (a slight indication that all was not as well as might be then as now in the realms of sport). But feeling ran high, although the cheering at the Brown game "lacked the snap and force that is generally given to a Tech football cheer". (How many men today know any kind of a Tech cheer? "We are happy etc." doesn't count.) Let's pass lightly over the first three games which were against Andover, Exeter and Harvard. It suffices to say that we lost them all—the latter by the unhappy tune of 62-0. But the Tech-Brown game should warm the cockles of a Tech heart. We won 48-0 in a game that made gridiron history. Although M.I.T. was beaten by Dartmouth and Williams, she retaliated by brilliant victories over Amherst and Stevens.

Pigskin Ruled Supreme

Those were the days; the pigskin rather than the sliderule reigned su-

preme. On Saturday afternoons Tech men forgot labs and all the various and sundry eights and fives to enjoy "a pleasing contrast to the scarred and struggling players on the field which was presented by the fair enthusiasts who were present in unusual numbers." Even the Freshman-Sophomore game which was "characterized by an unusual amount of slugging and interference" must have made our contemporary Field Day battle seem like child's play. Truly can we say that those were the days when Tech men were men, and M.I.T. was a place to be enjoyed.

The First Church of Christ, Scientist

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Sunday Services 10.45 a. m. and 7.30 p. m.; Sunday School 10.45 a. m.; Wednesday evening meetings at 7.30, which include testimonies of Christian Science healing.
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Bass Ski Boots	\$6.00 to \$16.50	\$4.50 to \$9.95
Ski Boots	\$12.50 to \$15.00	\$5.95
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Ski Caps	\$1.25 to \$2.50	89c to \$1.95
Shell Mitts	\$1.95 to \$2.95	\$1.50 to \$1.95
Toboggans	\$3.95 to \$10.95	\$3.00 to \$8.75
Snow Shoes	\$6.00 to \$11.00	\$4.00 to \$8.25
Snow Shoe Sandals	\$1.50	\$1.00

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CALENDAR

SATURDAY, JANUARY 21

12:00 Noon Electrical Engineering Luncheon—Faculty Room.

JANUARY 23 THRU JANUARY 27

Mid Year Examinations.

FEBRUARY 3 THRU FEBRUARY 6

Registration.

FEBRUARY 7

Classes Begin.

FEBRUARY 10

Dorm Dinner Dance.

Graduate Student Wins Architectural Award

The Emerson prize of the Beaux-Arts Institute of Design was won by Alfred Sweeney, Jr., of Auburn, Me., a graduate student in the School of Architecture at the Institute. Mr. Sweeney received his Bachelor of Architecture at Tech last year.

Second place was awarded to William W. Caudill of Stillwater, Ok., who received his undergraduate degree in Architecture from the Oklahoma Agricultural and Mechanical College in 1937. Third place was won by Paul Campagna of the University of Illinois.

Thorne Loomis

will sail on the Statendam from Rotterdam on August 15.

New Tour Different

The 1939 tour will differ from those of previous years in several important respects, including a trip into the Highlands of Scotland as far north as Inverness. The Tyrol also will be visited, and the group will pass over the beautiful Gross Gluchner Alpine Road, said to be the finest in the whole Alps. A day will be spent on the pass, permitting a climb up the Gross Gluchner, the loftiest peak in the German Empire. In Italy the tour will pass by the colorful Dolomites into Venice and the famous northern Lake Region.

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Junior Prom

(Continued from Page 1)

Selection of the orchestra for the dance was made by means of a popularity poll conducted by the committee among members of the Junior class. Clinton won by a large majority over such well known band leaders as Benny Goodman, Artie Shaw, and Tommy Dorsey.

Famous As Composer

Larry Clinton, a relative newcomer to the ranks of the nation's top maestros, is also famous for a number of compositions. He is the author of "Satan Takes a Holiday", "My Reverie", and "Dipsy Doodle".

Bea Wain, who will provide the vocals, is an important factor in Clinton's popularity. She has been featured in his arrangements ever since the now famous recordings of "Martha", "Gavotte", "I Dreamt I Dwelt in Marble Halls", and "My Reverie".

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New and Used Cameras

- FOTH DERBY f 2.5 lens L P \$33.00 \$22.95
- FOTH DERBY f 3.5 lens L P \$23.00 \$16.25
- PRAXIDOS ENLARGERS L P \$35.00 \$24.95
- 8mm Cine Kodak (used) L P \$31.50 \$22.00
- 8mm K 8 Keystone (used) L P \$27.50 \$19.50
- 8mm UNIVEX (used) L P \$9.95 \$6.50
- 100 ft 16mm PAN Movie Film \$4.50 \$3.25
- 100 ft 16mm KODAC ROME \$9.00 \$8.10

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T.E.N.

(Continued from Page 1)

Associate Editors, Donald D. Scarff, and John W. Mullen; all of the Class of 1941.

The Junior Board positions in the Business Department were filled as follows: Circulation Manager, Warren J. Meyers; Advertising Manager, Harry J. Heimer; Associate Advertising Manager, John B. Murdock; Treasurer, Lloyd B. Wilson; Associate Treasurer, Laurence P. Russe; also all of the Class of 1941.

Prof Burchard Speaks

After dinner, Prof. John E. Burchard, head of the Albert Farwell Bemis Foundation, spoke to the members of the staff on "Scientific Jour-

nalism", outlining the procedure if the students were to follow scientific journalism as a career, and he also told the benefits to be derived from it even if it were not followed as a career.

Prof. Fassett of the English Department spoke for a short time, congratulating the men on their successful year, just passed.

Walker Serves Good Meals

Walker Memorial served a most excellent meal to each of the guests. Starting with Grapefruit a la Tech (Grapefruit with a scoop of Raspberry ice cream in the center), followed by bean soup, the meal included Steak, served with baked potatoes and broccoli. Strawberry Sundae was served for dessert.

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MARYLIN MESEKE, of Marion, Ohio, chosen as the country's most beautiful girl of the year.