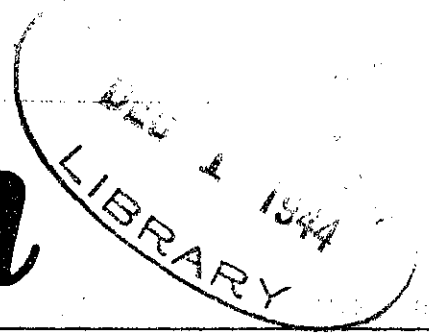
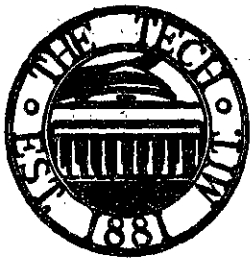


# The Tech



LXIV, No. 39

CAMBRIDGE, MASS., FRIDAY, DECEMBER 1, 1944

PRICE FIVE CENTS

## Technique Sales Start in Month, Farrow Estimates

### Office Work Ends Tomorrow; Book Going to Printer And Binder

Office work on the 1945 Technique will be finished by tomorrow, it was announced last night by William H. Farrow, 6-45, General Manager. Tomorrow the book will go to the printer and binder. The printing work is proceeding rapidly and Technique will be put on sale as soon as it returns from the printer's. Farrow estimates that it will be at least a month from now before the book will go on sale to the public, since the first volumes to return from the binder will be sent to those members of the Class of 1945 who have left the Institute. The length of time necessary to ready the book for distribution is not exactly known since both the printer and binder are handicapped by a shortage of help. However, the covers are all made and much of the book is all set up and is ready to be printed immediately.

The Technique board is also considering the feasibility of presenting a full size volume of the annual of the class of 6-45. No decision has yet been reached, but within the next two weeks the new boards and policies will be announced.

## Twelve Elected to Tau Beta Pi Nine Seniors Included; Initiation Is Dec. 19

Nine Seniors and three Juniors were elected this week to Tau Beta Pi, the National Honorary Engineering Fraternity. These twelve were elected from a group of 104 candidates, at a smoker last Monday in the 5:15 Club, and will be initiated at a formal banquet on December 19 at the Smith House.

Members elected from the class of 6-45 are Kirk Drumheller, C. Homer Elliott, Jr., Sing Leong, Harry J. Leonard, William A. Loeb, Duncan Luce, Richard L. McManus, Nicholas V. S. Mumford, and Grant Umberger.

Elected from the class of 2-46 are Herbert J. Hansell, Theodore P. Buckling, and Philip D. Jones.

## ACE CLARINETIST



Jerry Wald, top-flight young clarinetist, whose 22 piece orchestra will play for the Christmas Dance.

## Walker Committee Opens Competition To All Freshmen

Freshman competition for positions on the Walker Memorial Committee will be opened this coming Tuesday afternoon, December 5, at 5:00 P.M., in Litchfield Lounge. The actual competition will last two weeks and at the end of this time about six freshmen will be chosen.

David P. Flood, 6-45, announced that all freshmen, including co-eds, are urged to try out for the committee, which is the executive subgroup of the Institute Committee. The competition will include general instruction on how the committee works, and the freshmen will also conduct several investigations.

During the past year, the committee's big job has been the sponsoring of activities and keeping alive the student organizations in the Institute.

## Physicists Tour Cyclotron

The members of the Physics Society, in lieu of a meeting on Tuesday, December 5, will hold a tour of the Cyclotron. The group will first meet in Room 6-120 at 5:00 P.M. where they will hear a short talk about the cyclotron itself.

## Jerry Wald Has Record of Many Top Engagements

Jerry Wald, top-flight clarinetist, whose orchestra will play for the Christmas Party and Dance, sponsored by the Dormitory Committee, is one of the newest sensations in the field of popular music.

Since Wald's rise to fame in 1943, his band has appeared in many of the best clubs, theaters, and hotels in the country, including the Hotel New Yorker, the Paramount and Roxy Theaters in New York; the Frolic Club in Miami; and the Sherman Hotel and Oriental Theater in Chicago. At New York's Hotel Lincoln, the band broke all existing attendance records.

Ticket sales for the dance, which is sponsored by the Dormitory Committee, are continuing in the Lobby of Building 10, it was announced last night by Walter H. Levy, 6-45, Chairman of the dance committee. The price is \$4.80, including tax. The dance will be held on Friday, December 15, in Walker Memorial from 9:00 P.M. to 2:00 A.M.

The outfit originated in Los Angeles where Wald persuaded a group of City College of L.A. musicians that in union there is strength and  
(Continued on Page 4)

## Glee Club Sings At Colby Tomorrow

The Technology Glee Club will stage its first concert of the term with another school when it travels to Colby Junior College, New London, New Hampshire tomorrow evening. The combined Glee Clubs will sing several choruses from the "Messiah" with the aid of professional soloists. After the concert, which will commence at 8:15 P.M., a dance will be held by the clubs.

The Glee Club of Wheelock College will be the guests of the Technology organization on Friday evening, December 8. The concert will be held in Morss Hall at 8:30 P.M. As at Colby there will be a dance following for the members of the clubs. The concert itself is open to all.

## Corp. Member Is Appointed Secy. of State

### E. R. Stettinius, of M.I.T. Corporation, Receives High Post

Within three hours after announcing that Cordell Hull had resigned as Secretary of State, President Roosevelt nominated this week as Mr. Hull's successor, Edward R. Stettinius, Jr., then Under-Secretary of State and a special term member of the Corporation of the Institute. Mr. Stettinius has been a member of the Corporation since January, 1940.

Yesterday the Senate by a vote of 67 to 1 confirmed the appointment of the forty-four year old Mr. Stettinius to the post which is third in the succession to the Presidency of the United States. Confirmation will make him the second youngest Secretary of State in the history of the country—the youngest being Edmund Randolph, appointed in 1794 by President Washington.

## Simmons-Tech Will Hold Dance Dec. 9

### 150 Simmons Girls Expected To Attend

On Saturday, December 9, from 8:00 P.M. to 12:00 P.M., an acquaintance dance with Simmons College and Technology will be held at the Boston Young Women's Christian Association Auditorium. This auditorium is on 410 Stuart Street at the corner of Clarendon Street and is in the Hotel Pioneer building.

This is the first acquaintance dance to be sponsored jointly by the T.C.A. and the Simmons Y.W.C.A. The music will be furnished by a 12 piece orchestra led by Reuben F. Moulds, 10-46. One hundred and fifty girls from Simmons and an equal number of Technology men are expected to attend. Tickets for the dance are now on sale in the T.C.A. office. The dance committee is headed by Frank A. Jones, 10-46, head of the T.C.A. Information Department.

# The Tech



Vol. LXIV

Friday, December 1, 1944

No. 39

### Managing Board

General Manager	George R. Dvorak, 6-45
Editor	Dean Bedford, Jr., 2-46
Managing Editor	Alan R. Gruber, 2-46

### Associate Board

Noel N. Coe, 2-46	Arnold S. Judson, 2-46	William H. Schield, 2-46
William F. Herberg, 2-46	Ralph R. Scherer, 6-45	Arthur Schiff, 2-46
		Robert G. Wilson, 2-46

### Staff Assistants

Herbert J. Hansell, 2-46	Tony C. Nunes, 2-46	Joseph A. Stern, 10-46
Roberta Kohlberg, 2-46	William J. Rapoport, 2-46	Mary E. Sullivan, 6-45
Gregor F. Meyer, 10-46	Harrison E. Rowe, 10-46	

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News and Editorial—Room 3, Walker Memorial, Cambridge, Mass. Telephone KIRKland 1882	Business—Room 301, Walker Telephone KIRKland 1881
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Night Editor: Harrison E. Rowe, 10-46  
 Assistant Night Editor: Malcolm E. Reed, 2-47

## UNDESERVED OPPORTUNITY?

Last term there was a good deal of agitation for recognition by the Institute Committee of the various professional societies which operate at the Institute. Eventually, the Combined Professional Societies was formed and accorded recognition as a Class A activity.

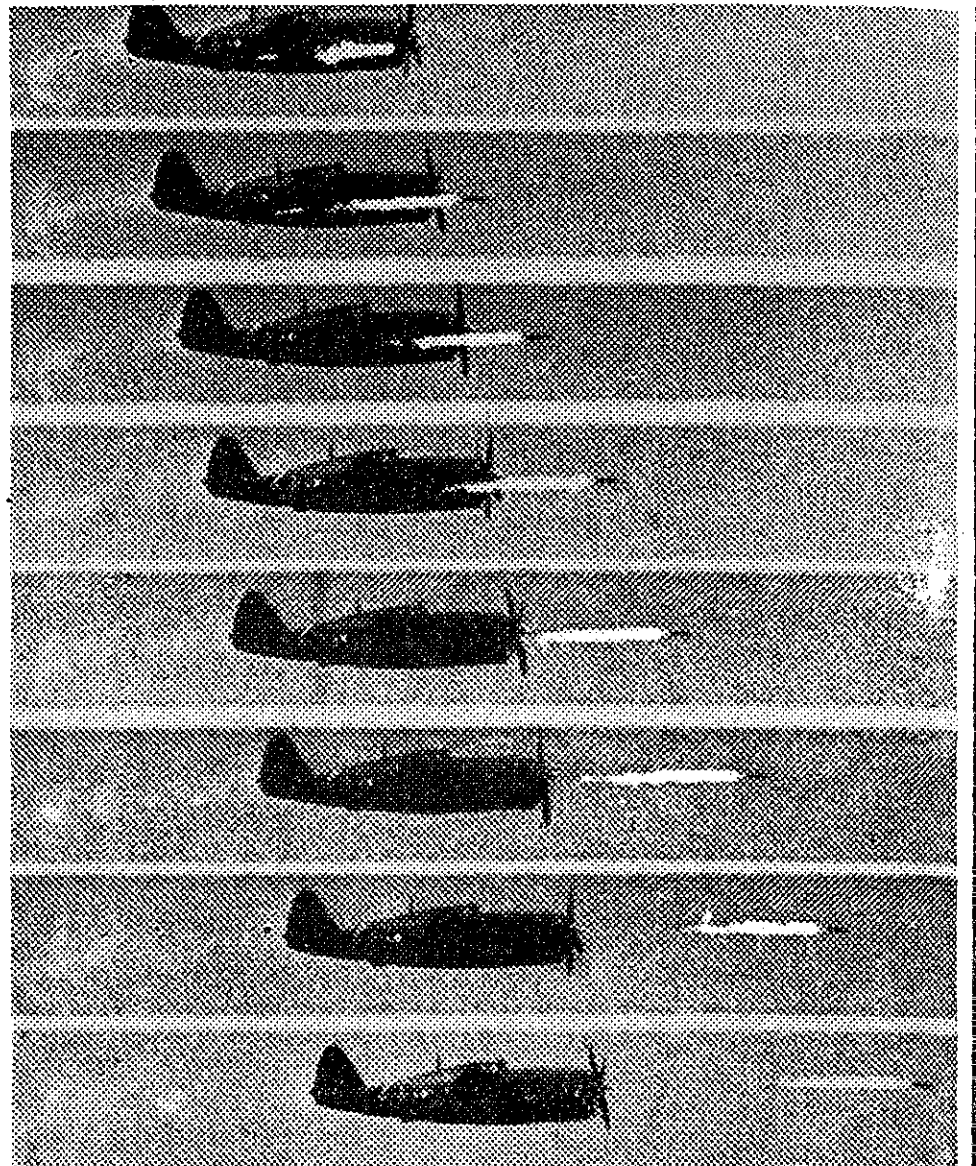
When this recognition was accorded it was expected that the organization would immediately become active and elect officers and a representative to the Institute Committee. This has not been done. The main reason for the failure of the organization seems to be a lack of cooperation between the individual professional societies. It appears that these organizations have either lost interest in the scheme or else they are afraid that, by combining with the other societies, they will lose their individual autonomy.

The Combined Professional Societies was not conceived as an organization to take control over the individual societies, but rather as a cooperative organization to represent the societies in their dealings with other organizations and to promote better relations between its member groups. Some of the societies apparently are adverse to sacrificing a little individual autonomy for the good of the group as a whole.

If the professional societies were not prepared to support a combined organization, why was such a group formed in the first place? It is about time that the professional societies got together and put the Combined Professional Societies on a strong operational basis or else declared the whole venture a failure and the organization to be defunct.

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## NEW CAMERA "SHOOTS" FLYING PROJECTILES

WHEN Army ballistics experts needed to photograph speeding rockets, scientists at Bell Telephone Laboratories built the special "ribbon-frame" camera. Their experience came from making high speed cameras to study tiny movements in telephone equipment parts.

The new camera gets its name from the narrow slot that exposes a ribbon of film at a speed of one ten-thousandth of a second. These "stills," taken on ordinary film, show a fast flying P-47 firing its underwing rocket.

This is an example of the many ways Bell System research is helping to provide better weapons, better equipment for war and peacetime telephone service.

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## Coach Hedlund Gives Track Men I. A. U. Physical Fitness Tests

During last semester, Coach Oscar Hedlund put his charges through the paces of the physical fitness tests of the Amateur Athletic Union of the U. S. This was done in cooperation with the Physical Fitness Plan of the A.A.U. to give all organizations with access to young and middle aged groups to supplement their physical programs with the A.A.U. Physical Fitness tests.

These tests are designed to stimulate all Americans to become physically fit by preparing themselves for and participating in a series of events taken from the field of competitive athletics, representing speed, strength, agility and endurance. To this end a graduated scale of reasonable standard performance

marks, which the individual may expect to reach progressively as his abilities and skills increase, has been prepared.

### Successful Candidates

Coach Hedlund gave his men the Track and Field Tests for Men. The events included in this classification and the best individual scores for each event are as follows: 100-yd. dash—10.8 sec.—Bill Casey, Lew McKee, Joe Oeschle; 120-yd. low hurdles—14.4 secs.—Lew McKee; mile run — 5:00.4 min. — Russell Dickey; run-walk mile—6:03.4 min. —Ted Randolph; shot put—40 ft., 8.5 in.—John Helve; high jump—5 ft., 9<sup>3</sup>/<sub>4</sub> in. — Bill Humphreys; broad jump — 20 ft., 6 in.—Nick Mumford; baseball throw—320 ft., 9 in.—Joe Oesce. The ten men who finished all eight events successfully were: Robert Baldwin, Bill Halfacre, Tom Hickey, John Knauss, Ben Moore, Nick Mumford, Ed Pyle, Bill Simpson, Bob Wilson.

## Tech Quint Meets B. U. on Wednesday

The M. I. T. basketball quint journeys to Boston University next Wednesday evening for the curtain-raiser of the 1944-1945 season.

After several weeks of constant practice in Walker Gym, the team is raring to go. Coach McCarthy is well pleased with the progress of his charges so far, and has been unable to single out anyone for individual praise. He feels that he will be better able to judge the team's ability as a whole after it has been in actual competition.

### Starting Five Listed

The tentative starting five, according to McCarthy, will show Leuchling and Aitken at forward, Watson and Evans at guard, and Butler at center. Evans, a transfer, and Butler are newcomers; the other three are holdovers.

After next Wednesday's game Tech plays host to B.U. on the 12th, Trinity on the 15th, and Tuftson on the 20th.

## Tech Racquetees Swing Into Action In Both Leagues

The Tech squash team dropped its second game of the season to the University Club trio, 3-0, November 25. Roger Sonnabend, in the number one position, lost to Dave Freeman, 15-11, 17-14, 12-15, and 15-7. Captain Bill Pierce, playing number two lost to T. Vanderhoff, 15-10, 17-15, 17-15, while Tom Hewson was defeated by K. Forrest's tricky corner shots 15-10, 15-12, 15-12.

This week's schedule brings the varsity up against the Y. M. C. A. on the Tech courts. The two "B" League teams will also begin their matches this week.

Next week the Tech varsity is scheduled to encounter the Union Boat Club Red team at the UBC courts. The M. I. T. Reds will play the M. I. T. Whites on the Tech courts, next Friday.

## Rifle Team Loses 2 Postal Matches

The Rifle Team under the leadership of its new captain, Charles C. Stewart, 2-47, lost the last two postal matches held with Illinois Tech and N.Y.U. The match with Illinois Tech was held on November 18 and was lost by the score of 1286 to 1281. A match with N.Y.U. was lost on November 25, by a score of 1346 to 1323.

Two more postal matches have been scheduled for the coming week. One will be held tomorrow against the Virginia Military Academy, while the other will be against Cornell and will be shot on December 9. The first shoulder-to-shoulder match will take place at New London, Connecticut, with the Coast Guard Academy on December 16.

## Tech Swimmers Whip Bowdoin In First Meet

### Mermen Victors, 38-28: Mumford, Buckman, Eisenhardt Are Stars

Last Saturday at the M. I. T. Alumni Pool, the Tech swimming team defeated Bowdoin, 38-28. Although the first places were evenly divided, the Tech mermen outswam their rivals to gain more second and third spots, and thereby run off with the meet.

The large margin of victory was due primarily to Tech superiority in the backstroke, breakstroke, and dive. In each of these events, the "Beavers" placed the first two men. The backstroke was won by Captain Nick Mumford, with Meckley second, while Buckman and Sands, and Eisenhardt and Goldfarb placed one, two in the breaststroke and dive respectively.

This Saturday at 4:00 P. M. in the Tech Pool, the Beavers tackle a strong Williams team. Coach Smith predicts a close meet which will include a great backstroke race between Mumford and Lockton of Williams.

## Phi Gamma Delta Defeats Wood Dorm

Phi Gamma Delta advanced one step nearer supremacy in the Beaver Key Football League, as they defeated a strong Wood Dormitory Team, by a 19-6 score. They remain undefeated in Beaver Key competition for this term, and have but one game remaining to be played, before annexing the championship. Until this game, Wood had also been undefeated, and was close upon the Phi Gam's heels.

### S.A.E. Blanks Kappa Sigma

S.A.E., after dropping a decision to the strong Phi Gams last weekend, came back to take a 25-0 white-wash victory over the Kappa Sigma outfit. This victory places S.A.E. in second place, with one more win than has Wood.

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## Cast Selected By Dramashop

### Music, Dancing Talent Needed For New Play

This week the Dramashop announced the selection of a cast for its coming play, "The Drunkard." Robert W. Connor, 2-46, as Cribbs, George H. Oliver, Jr., 2-46, as William and Virginia M. Tower, 2-47, as Mary, are featured in the title roles. They are supported by Claude W. Brenner, 2-47, as Edward; Roberta Kohlberg, 2-46, as Mrs. Wilson; Mary E. Sullivan, 6-45, as Miss Spindle; and Thomas B. Inglis, Jr., 2-47, as Rencelaw.

"The Drunkard" requires a cast of nearly thirty persons, but at present only the principal characters have been chosen. Music and dancing talent are still needed, and anyone interested should call at the Dramashop office, Room 2-176. The dancing in the play is under the direction of Catherine M. Sponable, 2-46.

## A. I. E. E. To Hear Talk on "Lightning" By Dr. McEachron

The story of lightning research will be the subject matter of a talk to be given by Dr. Karl B. McEachron, before the student branch of the A.I.E.E. on Thursday, December 14, at 8:00 P. M. in Room 4-270. Dr. McEachron is the head of General Electric's "Lightning Laboratory" which as part of its work, has been photographing and measuring lightning bolts which strike the tower of the Empire State Building.

Dr. McEachron will show various slides and motion pictures which were obtained during these studies and will also describe some of the results obtained through the use of high-voltage lightning generators. Following the meeting there will be an opportunity for those in the audience to ask questions. A limited number of tickets for the meeting, which is open to all, may still be obtained in either Room 4-202 or Room 10-206.

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erature on Christian Science  
may be read or obtained.



## Letters to the Editor

Editor, The Tech

Dear Sir:

In connection with the coming Christmas Dance, sponsored by the Dormitory Committee, I have noticed that there is a considerable amount of doubt and ignorance on the part of the Technology student body concerning, as I see it, the status of the dance, its origin, and its purpose. I would like to clear up these points, and would appreciate your printing this letter.

The Christmas Dance is an annual affair, sponsored by the Dormitory Committee, for the entire Institute, just as is the Junior Prom. It was not held last year, when the Dormitory Committee was inoperative due to the Army occupation, and only the Seniors can remember the Christmas Dance of two winters ago, which was a small, informal affair, unlike earlier dances, and unlike the present one.

The dance is budgeted to pay its own expenses, but not to make money. This year's dance is a large affair, semi-formal, with a big name band. It is being held in Morss Hall, as were all the Christmas Dances in the past. Few people now at the Institute have ever attended an important dance in Morss Hall, but in the past they were always held there, and very successfully.

## Jerry Wald

(Continued from Page 1)

that combining talents was a good idea. Rehearsals and small engagements preceded a trip to New York and a job at the Rosemont Ballroom, which promptly was destroyed by fire, through no fault of Wald's. The group had salaries but no jobs. However fate smiled and after its next engagement and numerous radio appearances the band was on the way up.

### Played Clarinet at 7

Music has always been important in Jerry Wald's life. At seven he already knew the ins-and-outs of clarinet-playing, at ten he was appearing on WOR, the station in his native Newark. Later Wald became leader of his high school band. When he was twenty he took a friend's advice and journeyed to California. The rest is history.

At the present time the band features as vocalists beautiful Ginnie Powell, "Chicago's Cinderella Girl" and Dick Merrick.

This year the Dorm Committee has planned an ambitious return to tradition. A fine dance in the old pattern is being prepared, and we hope a large crowd will welcome back this Yuletide tradition.

Yours truly,

WALTER H. LEVY,  
Chairman of the Dance Committee  
Dormitory Committee

## Tech Club Debates Twice This Weekend

The Debating Society is holding a return debate today with Phillips Andover Academy on the topic: Resolved, that the Government should adopt a program of permanent compulsory, universal military training.

Robert Wolfsey, 2-47, and Myron M. Thomason, 2-47, will take the negative for Technology. Wednesday, this week, Marvin W. Sweeney, Jr., 2-47, and Stanford A. Fingerhood, 2-46, took the affirmative for the Institute against Phillips on the same topic, but no decision was made.

Tomorrow night at 7:00 P. M. in Litchfield Lounge there will be a debate with Boston University. The subject of discussion is: Resolved that the United States should cooperate with Great Britain and Russia to form an Anglo-American Russia alliance to maintain world peace after the war.

## Portugal To Be Discussed By East And West Assoc.

On Tuesday, December 5, in Room 6-321 at 8:00 P. M., the East and West Association will hold the first of a series of lectures which will deal with the colonial and racial policies of six different countries. Victor F. B. deMello, 2-46 will give the first of the talks at this meeting as he deals with Portugal.

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