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RED CROSS DRIVE
ENDS TUESDAY,
CONTRIBUTE NOW

'51 Gets Skitch Henderson For Prom May 6

Armory Saloon Motif To Follow Formal At Copley Plaza Hotel

Plans for the Sophomore Prom are well under way, according to the Prom Chairman, Gerald Burns. The prom will be a two night affair and is scheduled for Friday and Saturday, May 6 and 7. Tickets for the two nights will cost \$8.00. Options for the tickets will go on sale Tuesday, March 22, for \$3.00.

On Friday night the formal will be held at the Copley Plaza Hotel from 9:00 until 1:00 with Skitch Henderson's band supplying the music. Along with his piano and orchestra, Skitch will present vocalists Nancy Reed and Andy Roberts. A native of England, Skitch attained American acclaim through Hollywood and Bing Crosby's radio program.

The second part of the weekend will be on Saturday night at the Armory. A bar and a complete gambling room with expert poker sharks, balanced roulette wheels, and script money will provide the setting of a mid-Nineteenth Century Wild West saloon. The Technonians will provide music for the occasion.

Publicity will start Monday, March 21. Ralph Romano, Chairman of the Publicity Committee, announced that the prom publicity would be entered in the publicity contest being sponsored by the Walker Memorial Committee.

Eleanor Semple and Byron Burch are in charge of decorations for the first and second nights, respectively. Props and refreshments will be taken care of by Priscilla Maurer. The "big boss" in the second night gambling room will be William Schenkel. Ticket sales will be handled by Herbert Woodson.

Tau Betes Convene, Initiate Members

First Council Meeting To Be At Northeastern

About sixty-five regular members and ten alumni members of Tau Beta Pi chapters at Tufts, Northeastern, WPI, and Technology will be initiated Saturday, April 9, at Northeastern University's Center Building. This is the first event sponsored by the Massachusetts Coordinating Council of Tau Beta Pi. The object of this organization is to unite the activities of the various groups of Tau Beta Pi men located in the state.

Consisting of representatives from the four colleges, the Council will be formally installed at the Saturday meeting. Robert S. Griggs, '49, president of the Technology chapter, is chairman of the Council.

The event will take the place of the annual Round-Up of Tau Betas and will feature Dr. Harvey M. Merker of Parke-Davis Company who will speak on "An Engineer in Medicine." Other guests of honor include Robert H. Nagel, national secretary, N. E. Van Valkenburg, chapter coordinator, and Frederick M. Kempton, editor of the Tau Beta Pi Council Bulletin.

Plans at present are being made to accommodate an expected five hundred persons in view of the fact that all members of the Association are being encouraged to bring guests.

Trek from Ye Olde Institution Ends in Engineered Revolution

Seniors Launch 25-Year Plan

Insurance Dividends Finance Future Gift

Last January the Class of 1949 started an unusual plan to finance its 25-year gift to the Institute. The plan works as follows: Each individual takes out an ordinary life insurance policy of one thousand dollars and names anyone he wishes as beneficiary. However the annual dividend would be payable to the Class of 1949 25-year Gift Fund, to be accumulated at interest until the 25th reunion. At this time the class will present the dividends to the Institute in whatever form it chooses. In case of the death of the individual, \$1,000 would be payable to his beneficiary.

The campaign is being started this year since past plans have been more successful if launched while the men are still at Tech. Another point: premiums cost less (\$19.00 per annum) for a 22-year-old student than they would for an older man.

The class committee is working in close coordination with E. Lester Goodrich, who handles many of the Institute's Insurance Plans. The headquarters of the campaign is Room 2-125. The office will be open from 9:00 a.m. to 5:00 p.m. and will have all the information concerning the plan. Letters are being sent out to each member of the class, and all are invited to drop in at the office.

RECORDINGS TO BE MADE

The Musical Clubs announce that there is a possibility of making records of the Monsanto sponsored Glee Club broadcast, either the entire program or just the more popular parts. To do so, however, the record company must have a guarantee of a certain number of records. Anyone interested in purchasing records of the broadcast is invited to come to the Musical Clubs office, Walker 301, to find out more about them.

Music by the efforts of tunesmiths William E. Katz G, Michael M. Koerner '49, and Owen Thomas, with lyrics by Art Van Stolk '49, combine to form *O Say Can You Si?*—this year's Tech Show. The fourteen musical numbers have been orchestrated by veteran arranger Peter Bodge of the Boston Pops, and Ray Wilding-White '45.

The Technonians, under the management of Herb Sontag '50, will provide the background music, while a mixed chorus of twenty-five will sing "Steppin' Out," "Pancho-Pancho," and the fight song of the hour, "Beaver Beaver."

Among the principals, Joe Gottlieb and Andy Lang will give their rendition of "Back in Boston . . . Where the College Dames Hang Out." In a different vein, Nathalie Foss cautions Andy Lang with the beguine, "Go Slowly, Amigo," and Aileen Howell taunts the villainous Dennis Allegretti with her rumba specialty. An assortment of bodyguards (who are vaguely recognizable as the cops from last year's *Frere Jaques*) romp through the two numbers.

"The Lucky Night Ballet," as conceived by Tech's pianist Mike Koerner, has received the choreographic touch of Aileen Howell. This ballet, in the modern manner, depicts what happens when two misguided engineers attempt to fix the roulette wheels in the casino of Pancho-Pancho. The entire light-hearted production is under the direction of Bob Abelson.

Supersonic Flight Topic Of Pop. Sci. Lectures In 10-250

"Supersonic Flight" will be the title of the next Society of Arts Popular Science Lecture to be presented today, Saturday, and Sunday in Huntington Hall. Professor John R. Markham of the Department of Aeronautical Engineering will deliver the talks. The Sunday lecture, to be held at 4:00 p.m., will be open to the public.

Movies, slides, and models will be used to illustrate the lecture. Professor Markham expects to show pictures of wind tunnels, sonic and supersonic aircraft, and possibly the XS-1 and V-2. He will also demonstrate the propagation of sound waves and the formation of shock lines. Tickets may be obtained from Professor A. A. Ashdown's office.

Undergrad Scholarships Boosted Thirty Percent

For those who will be recipients of undergraduate scholarships for the academic year beginning next September, the recent boost in tuition will be partially compensated for by an increase of about thirty per cent in the amount of the awards, according to Dean Thomas P. Pitre. To illustrate, Dean Pitre mentioned, that under the new conditions, the recipient of a three hundred dollar scholarship would then be granted about four hundred dollars.

Same Requirements

However, the Institute plans to remain firm on its system of granting undergraduate scholarships. The prerequisites for obtaining scholarship aid are that a student show need for financial help and also that his yearly rating be in the upper fourth of his class.

Scholarship awards are always made on the annual rating basis. That is, a student's cumulative rating can be below that of the upper fourth of his class or below a 3.9. However, if he meets this rating of 3.9 or better the year before he is applying for the scholarship, he will be eligible for such an award.

Grants Increased

Last year the Institute awarded a total of five hundred undergraduate scholarships with an average of two hundred and fifty dollars per award. Scholarships granted by the Institute before the tuition increase ranged from one hundred to three hundred dollars, but beginning in the Fall term of '49, scholarships will range from one hundred to four hundred dollars. Full tuition scholarships awards are made, but these are made to freshmen under such grants as the William Barton Rogers Foundation.

Science Research Award Presented To Dr. Bruno Rossi

Professor Honored for Work On Cosmic Rays, Mesons, Nuclear Study

The Research Corporation Scientific Award, given annually for exceptionally meritorious service in the advancement of knowledge benefiting science, industry, and mankind, will be presented to Dr. Bruno Rossi, Professor of Physics, at a dinner tonight at the Hotel Somerset.

Dr. Joseph W. Barker, President of the Research Corporation, will present the award, consisting of a suitable plaque and an honorarium of \$2,500, to Dr. Rossi for distinguished research in the fields of cosmic radiation and the properties of mesons, as well as his work in nuclear fission.

Compton to Speak

Speakers, in addition to Dr. Barker and Dr. Rossi, will include Dr. Karl T. Compton, Dr. J. R. Killian, Jr., President of the Institute; and Professor John C. Slater, head of the Physics Department.

Dr. Rossi started working on cosmic rays in 1929, and his scientific work has been mainly in this field.

Discovers Mesons

He had shown in 1930 that there exist in cosmic rays, particles capable of traversing as much as one meter of lead. These particles have been identified as mesons, and Dr. Rossi's later work was devoted to a great extent to the study of mesons.

During the war Dr. Rossi devised several circuits of great importance to radar range-finding in collaboration with the M.I.T. Radiation Laboratory. His greatest war-time achievement, however, was his series of experiments conducted at Los Alamos.

RED CROSS

William A. Mitchell, '49, chairman of the Technology student Red Cross Drive has announced that the local part in the fund collection will end Tuesday, March 15. The dormitories and barracks will be covered thoroughly by the floor chairmen and room chairmen. Fraternities will be contacted through the IFC, and commuters may contribute at the 5:15 room in the basement of Walker. GIVE NOW!

DANCING, DIRECTING AND DENNY—AT TECH SHOW REHEARSAL



Left: Nathalie Foss embraces Andrews M. Lang, '49, as Joseph S. Gottlieb, '50, and Aileen Howell ignore them. Center: James K. Berman, '49, General Manager, watches the show while William E. Katz, G, leads the Technonians. Right: Nathalie Foss and Aileen Howell look admiringly at D. Dennis Allegretti, '49.

INSTITUTE COMMITTEE AGENDA

Old Business: March 16, 1949

- Moved (Judicial Committee): That the report of the Committee be approved.
- Election of junior member of the Judicial Committee; the following men have been nominated:

Guy Bell John MacMillan
Joe Gottlieb Frank Shanahan

- (Exec. Comm.): that the following amendments to the Constitution of the Undergraduate Association be submitted to the Undergraduate Association for approval. These amendments are available at the Walker Memorial Committee office and on the bulletin board in Building 2.

New Business:

- Moved (Exec. Committee) that the election of the following officers of the TCA be approved:

President: Michael J. Fitzmorris, Jr., '50.
Vice-President: Carl F. Mellin, Jr., '50.
Secretary: Arthur C. Savoth, '50.
Treasurer: Donald E. Rose, '50.

- Moved (Exec. Committee) that the election of the following officers of the IFC be approved:

Chairman: C. J. Jacoby, III.
Secretary: James A. Hooper.
Treasurer: Joseph D. Fleming.