Loan To WMFT Approved: InstComm Will Give $500 For Broadcasting Equipment

Institute Committee has approved a request by WMFT, Inc., used to replace equipment stolen during a recent burglary. A further grant of $500 from the social fund was turned down by InstComm at its last meeting, as a result of the investigation to the Institute.

Meanwhile, station officials are urging that the claims be immediately submitted. No details were available up to the time of going to press, due to the fact that most of the principals of the station have not yet returned to school.

Students To Be Quizzed Tonight Concerning Student Union Design

Questionnaires concerning the proposed Student Building to be constructed across from Building 7 will be distributed in the dormitory tonight. Members of Quadrangle Club, the honorary sorority and Beaver Key, the honorary junior sorority, will go from dorm to dorm passing out the material, which was composed by the Student Union Design Committee.

The Sears, Roebuck & Co., chairman of the Student Union Design Committee, Mrs. Marion Sibley 55, chairman, "since the consensus of the committee's recommendations will be based directly upon students' scores and the questionnaire. The students' opinions, however, will not be ignored. The Student Union Committee in forming its recommendations, but will add a significant amount of weight to those recommendations. All questionnaire results will be used in the selection of the building which will be placed at all dormitory locations.

Dean Piofalli Belluschi, chairman of the Institute Committee, will be the guest on "This Happened Tonight" on WMFT tonight at 7:00. He will discuss the status of the Student Union Project in administration plan. The completed plans for the housing of the fall term, a resolution was passed requesting that the

Summer Study Project For Science Teachers Offers Fifteen Fellowships

On Friday, the Institute opened its national competition to select the group of teachers for a special six-week Summer Institute on nuclear energy and physical science for the summer school. The Summer Study Project was established through the cooperation of the National Science Foundation and the National Association of Secondary School Principals.

The fellowship is open to all teachers, the basic stipend for fellows is $250 per week, with an allowance of $100 to cover travel and living expenses. Teachers will be selected to represent the best of their profession. University tuition and housing will be paid by the Oak Ridge Institute of Nuclear Studies, which administers the Program for the Middle West. The fellowship funds may be obtained from science department funds or from the National Science Foundation.

The fellowship program is made possible by a grant of $1,000,000 from the Oak Ridge Institute of Nuclear Studies, and the United States and Canada who hold college degrees and who have had summer school experience. These fellowships are open for seniors and graduated students.

(Continued on page 4)

Elections Soon To Be Held For Institute Committee

Elections for president and vice-president of the Undergraduate Association will be held on February 25. All four undergraduate classes will participate in the vote. The election will begin at 7:00 p.m. Friday, February 12.

Class officers will be elected on Tuesday, March 9. The Freshman, Sophomore and Junior classes will elect a president, vice-president, secretary-treasurer and a representative-at-large, from the freshmen, sophomore and representative-at-large will sit on the Institute Committee. The selections will elect five permanent officers, a president, a secretary-treasurer and three class marshals.

The Fraternity and Contractors will also elect representatives to the Institute Committee. By a vote of the Undergraduate Committee, the Fraternity and Contractors Committee is making the following changes: the Fraternity and Contractors will have its own representative to the Institute Committee. The candidates will be held in the lobby of Building 19 and Building 2, Petitions for the March 9 elections are due by 10:00 a.m. on Friday, March 5.

Student's Expulsion From Dorms For Open House Rules Violation Upheld By InstComm JudComm

Institute Committees Judicial Committee confirmed the decision of Dormitory Committee JudComm to expel Antonio de Elias Bonnemaison '55 of Baker House from the dormitory. Bonnemaison was accused of violating open house rules early in the morning of Saturday, December 5. At 12:00 a.m., after the Club Latino Dance had ended, Bonnemaison and his date went to his room in Baker House to wait for a telephone call from a friend who was to drive them to Returned Students' Ball. Bonnemaison and his date arrived at 1:45 a.m., immediately after which Bonnemaison and his date left the dormitory. On their way out of the dormitory they were seen by James Douglas '55, a member of JudComm. An. information folder is on file at the admissions office, 3-108.

An information folder is on file at the admissions office, 3-108. An. information folder is on file at the admissions office, 3-108. An. information folder is on file at the admissions office, 3-108.

A special lecture by Professor Arnold Whitehead & Kales Company of Connecticut, England, will be delivered in the lobby of Building 23 by the Edwin Sibley Webster Professor of Engineering at the Institute.

Professor Tustin, who has held the first Webster Professorship this year, will speak on "Engineering: New Concepts of the Frontiers of Science" at 4:15 p.m. today. Professor Tustin, who holds the position in honor of the late Edwin Sibley Webster, who was the founder of the Department of Electrical Engineering, will be delivered in the lobby of Building 23 by the Edwin Sibley Webster Professor of Engineering at the Institute.

Professor Tustin, who will be delivering the lecture, according to Professor Tustin, who holds the position in honor of the late Edwin Sibley Webster, who was the founder of the Department of Electrical Engineering, will be delivered in the lobby of Building 23 by the Edwin Sibley Webster Professor of Engineering at the Institute.

Professor Tustin, who will be delivering the lecture, according to Professor Tustin, who holds the position in honor of the late Edwin Sibley Webster, who was the founder of the Department of Electrical Engineering, will be delivered in the lobby of Building 23 by the Edwin Sibley Webster Professor of Engineering at the Institute.

Professor Tustin, who will be delivering the lecture, according to Professor Tustin, who holds the position in honor of the late Edwin Sibley Webster, who was the founder of the Department of Electrical Engineering, will be delivered in the lobby of Building 23 by the Edwin Sibley Webster Professor of Engineering at the Institute.

Professor Tustin, who will be delivering the lecture, according to Professor Tustin, who holds the position in honor of the late Edwin Sibley Webster, who was the founder of the Department of Electrical Engineering, will be delivered in the lobby of Building 23 by the Edwin Sibley Webster Professor of Engineering at the Institute.

Professor Tustin, who will be delivering the lecture, according to Professor Tustin, who holds the position in honor of the late Edwin Sibley Webster, who was the founder of the Department of Electrical Engineering, will be delivered in the lobby of Building 23 by the Edwin Sibley Webster Professor of Engineering at the Institute.

Professor Tustin, who will be delivering the lecture, according to Professor Tustin, who holds the position in honor of the late Edwin Sibley Webster, who was the founder of the Department of Electrical Engineering, will be delivered in the lobby of Building 23 by the Edwin Sibley Webster Professor of Engineering at the Institute.

Professor Tustin, who will be delivering the lecture, according to Professor Tustin, who holds the position in honor of the late Edwin Sibley Webster, who was the founder of the Department of Electrical Engineering, will be delivered in the lobby of Building 23 by the Edwin Sibley Webster Professor of Engineering at the Institute.

Professor Tustin, who will be delivering the lecture, according to Professor Tustin, who holds the position in honor of the late Edwin Sibley Webster, who was the founder of the Department of Electrical Engineering, will be delivered in the lobby of Building 23 by the Edwin Sibley Webster Professor of Engineering at the Institute.

Professor Tustin, who will be delivering the lecture, according to Professor Tustin, who holds the position in honor of the late Edwin Sibley Webster, who was the founder of the Department of Electrical Engineering, will be delivered in the lobby of Building 23 by the Edwin Sibley Webster Professor of Engineering at the Institute.
The Tech
Calendar of Events

from February 10 through February 17, 1954

Wednesday, February 10

School of Architecture and Planning, Lecture Series: "The Impact of Nuclear Weapons on Urban Planning." Dr. Ralph E. Lapp, Nuclear Scientist. Room 2-145, 2:00 p.m.

Food Technology Department, Food Industry Seminar: "The Food Technology and Science in Respect to the Food and Drug Laws." Mr. Fred Leslie Hart, Chief, Boston District, U. S. Food and Drug Administration. Room 16-188, 2:00 p.m.

Physics and Mathematics Department, Operations Research Seminar: "Operations of a Hydroelectric System—A Model for WWI Calculations." Mr. John D. C. Little, Room 6-210, 3:00 p.m.

Electrical Engineering Department, Colloquium: "On Heat Maintained Oscillations." Prof. O. K. Norwood, Room 6-120, 4:30 p.m. Refreshments will be served in Room 6-321 at 4:00 p.m.

Varsity Basketball Team, Game with University of Rhode Island. Boston Arena, 9:00 p.m.

Thursday, February 11

American Chemical Society—Northeastern Section, Symposium on Recent Advances in Protein Chemistry: "New Methods of Isolating Proteins." Dr. Elmer M. Sanger, "Three-Dimensional Structure of Proteins." Prof. Fiorello La Guardia, "Biological Reactions." Prof. Frank R. Gurd, "All of Harvard University. Room 7-403, 8:00 p.m.

Physics Department, Colloquium: "Magneto-Optic Studies of the Atomatic Nuclei." Prof. Francis Bitter, Faculty Club, 6:30 p.m. Reservations: Ext. 2606.

M. I. T. Electric Railroaders' Association, Lecture by the Superintendent, Varsity Wrestling Team. Meet with Boston University. Rockwell Cage, 4:00 p.m.

Aeronautical Engineering Department, Seminar: "Twenty Questions in Air Service." Mr. Roy Logan, '55, "Frank Sarno, '53, "George Law, '51, "Rockwell Cage, 4:00 p.m.

Informal Dance Committee, Dance. Morss Hall, "Walker Memorial, 8:30 p.m.

Friday, February 12

Electrical Engineering Department, Advanced Seminar for Whirlwind I: "Output for the CS Computer." Mr. J. R. Porter, 3:00 p.m. Room to be announced.

Mechanical Engineering Department, Seminar: "Grinding of Titanium Alloys." Prof. Frank C. Price, "Grinding of Metal-Polymer Composites." Prof. Frank R. Gurd, "All of Harvard University. Room 7-403, 8:00 p.m.

Volleyball Team, Game with West Point. Lynne Arena, 7:00 p.m.

Saturday, February 13

Volleyball Team, Match with Bradford-Duade Academic. Walker Memorial Gym, 2:00 p.m.

Freshman Swimming Team, Meet with Boys Boston Academy. Alumni Swimming Pool, 3:30 p.m.

Volleyball Team, Game with New Bedford. Walker Memorial Gym, 8:15 p.m.

Informal Dance Committee, Dance. Moss Hall, Walker Memorial, 8:30 p.m. 12:00 midnight. Admission: $1.00 per couple. Refreshments will be served.

Monday, February 15

Acoustics Laboratory, Colloquium: "The Psychological Effects of Noise as Related to Acoustics." Mr. Fred Law, "List of Predictions." Room 10-273, 5:00 p.m. Refreshments will be served at 2:45 p.m.

School of Architecture and Planning, Lecture Series: "Economic Development, Technology, and Urbanism." R. L. Meier, Assistant Professor of Chicago. Room 7-403, 8:00 p.m.

Volleyball Team, Game with Bowdoin College. Walker Memorial Gym, 8:15 p.m.

Tuesday, February 16


Wednesday, February 17

Food Technology Department, Food Industry Seminar: "Industrial Problems in the Tomato Industry." Mr. Jack P. Frisbee, Pringle, Pringle Cogswell Company. Room 16-310, 2:00 p.m.

Aeronautical Engineering Department, Seminar: "Twenty Questions in Air Transport Design." Mr. J. E. Raymond, "Voice of the Lightning." Douglas Aircraft Company. Room 35-225, 4:00 p.m. Refreshments will be served after the last question.

Volleyball Team, Meet with Boston University. Rockwell Cage, 4:00 p.m.

Chemistry Department, Harvard-M.I.T. Physical Chemistry Colloquium: "The Theory of Shock Waves in Chemical Problems." Prof. Donald P. Hemig, Brown University. Harvard University, Malkinlock, MB-23, 8:00 p.m.

Rushings, oils, and watercolors by John Muir will be exhibited in the New Gallery of the Charles Hayden Memorial Library through February 21.

The class reunion at his alma mater, Wakehuarne College, was an eye-opener for Ed Mahler. The talk among the Class of '50 switched to jobs. Ed had taken it for granted that everybody was happy with his work.

Then he found that some of his classmates—three jobs since leaving school. Others had kept the same job for years and were satisfied. By chance, with his first job, Ed had made it a lifetime career, Ed suddenly realized, thanks to his college education.

After being graduated with a B.A. in Economics, he went to work for Bell Telephone Company of Pennsylvania in 1950. He reports he chose the Telephone Company because it seemed to offer the opportunities he wanted.

After a year of training in which he worked in each of the departments—sales, service, repair—he began to build up a list of contacts with customers—Ed felt he had a good look at the entire company.

He was assigned to the Traffic Department, which has the responsibility for selling, and he soon realized that customers' calls are handled efficiently. The job included personal work in addition to day-to-day work on the telephone, operating methods and practices. He was quickly put on his own.

Now Ed is in charge of the job of estimating the amount and type of new equipment which will be needed in new offices and as new offices increase.

Ed points out that projecting himself into the future isn't something new. That's the reason he chose the Telephone Company in the first place.

On February 10, Ed Mahler, '50, will be at the door to answer the questions of the Tech Show when contacted by the Tech staff that he has been assigned to answer.

Ed was put at the door to answer the questions of the Tech Show when contacted by the Tech staff that he has been assigned to answer.

Ed Mahler's job is with an operating company of the Bell System. But there are no jobs for engineers, arts and science people, or administrative people with Western Electric, Sandia Corporation, and Bell Telephone Laboratories.

"CAMPUS-TO-CAREER CASE HISTORY"

It took a class reunion to show Ed Mahler, '50, that all first jobs aren't alike. He talks to us why.

(Reading time: 15 seconds)

Odd Fellows, click a shudder, and no optimists would be availing them selves to slide the door to struggle with them while it was in use. A day cloth which fulfills in an automatic, tone, "Time's up, you're freshman in," Yon gotta wear your Freshman tie!"

The Tech through the mail

To the Editor:

It has come to our attention that without the knowledge of the dormitory residents, dorm men are being banned andarded against by Tech Show. From a source which I cannot reveal, I have found that pressure has been to be given to a small segment of the student body: the freshman dormitories.

Friday night before 11:00 o'clock, booths for Tech Show tickets were mailed from a fraternity house by fraternity men to the fraternity men. By Saturday morning or Monday at the latest all MIT fraternities will have tickets to return for $6.00 for the tickets they want at the price they want while the dorm men must wait until Monday, February 15, and take the leftovers.

We, the dormitory residents, cannot and will not tolerate such obvious discrimination. Good tickets will be reserved this year again and dorm men will once more be "held behind the peaks" at Tech Show.

I am sure that bringing the fact of attention to the student body of the pressure against Tech Show, will incite the democratic spirit of the students against this injustice.

Disgruntly yours,

ROBERT RABBIT, '50

February 7, 1954

Editor's Note Block '54, General Manager of Tech Show when contacted by the Tech staff that he had been assigned to answer, explained that preference had been and is being given to a small segment of the student body: the fraternities.

It has come to my attention that, even though thousands of forms were blanked out, the latest announcements for the following eight days (Wednesday through Wednesday), will be served in Room 6-321 at 4:00 p.m.

TUESDAY, FEBRUARY 15, 1954

Ed Mahler's job is with an operating company of the Bell System. But there are no jobs for engineers, arts and science people, or administrative people with Western Electric, Sandia Corporation, and Bell Telephone Laboratories.
**Science Teachers**
(Continued from page 12)

...equivalent training and background.

The objectives of the program, as stated by Professor Bunting, director of the Department of Education, are: "To provide a review of fundamental subject matter in physics and chemistry, together with a survey of recent developments in physical, chemical, biological, meteorology, geology, and aeromedical engineering." Registration in the program will be limited to fifty stipended in the grant from the foundation, and successful applicants may live in the dormitories, and make full use of all Institute laboratories and dining and recreational facilities. Applications are due before April 1, 1954, on forms which may be obtained from the M.I.T. Placement Office, Room 1-715, Cambridge 32.

**Hockeymen Split**
**Bow To Bowedoin, Defeat UNH, 5-3**

The Beaver hockey team, hampered by injuries and undermanned, traveled to Durham, N.C., last weekend, to meet the University of New Hampshire and Bowdoin. The Engineers split the Wildcat 5-3, and were on their way to another victory when they ran out of steam against Bowdoin and succumbed by a 5-3 count.

In the first game with the Wildcats, the No. 3 Engineers defeated their opponents in an exciting first half, but the UNH quintet emerged victorious late in the game. Fred Culick '56, Alin Stark '56, and Frank Davenport '55 each won two goals in the first half, and the Engineers were on their way to another victory in the penalty box. Tech outskated Bowdoin in the second period to cut Amherst's lead to 2-1. They picked up two more tallies in the last period to lead once again. They picked up two more tallies in the last period to clinch the victory 5-2. The high scoring ace, assisted by Wells and Sullivan, put Tech into the second period to cut Amherst's lead to 2-0 while two Tech min sat in the penalty box. Tech outskated Amherst in this period but could not score the goal. Frank Davenport '55, tech high scoring ace, assisted by Culick, got his first of the season. He blasted a score from the blue line. It was Kiley's first score of the season and knotted the score at 2-2. Amherst came back with a score and took the lead again. They picked up two more tallies in the last period to clinch victory 7-3.

**Ambler Triumphs**

Amherst's hockey team led by center John Sullivan defeated the Tech puckisters at Boston Arena 5-2. The game started with plenty of action, but it was Amherst in the first period when Anthony Brownell scored. The Lord Jaffs left off again, making the score 2-2 while two Tech min sat in the penalty box. Tech outskated Amherst in this period but could not score the goal. Frank Davenport '55, high scoring ace, assisted by Culick, got his first of the season. He blasted a score from the blue line. It was Kiley's first score of the season and knotted the score at 2-2. Amherst came back with a score and took the lead again. They picked up two more tallies in the last period to clinch victory 7-3.

Captain Kiley in addition to his goals, made many fine saves in the goal for the Browar.

**Power Bears Freeze Engineers 7-3**

Although the Engineers survived a scare from tech when the power badges scored a double victory, they were finally defeated 7-3 in the first period, and Bowdoin tallied midway in this period, but John Sullivan '56 got his first three goals assisted by Wells and Culick. Tech and Bowdoin both added two markers in the second period, and John Sullivan '56 beat the score 2-0 while two Tech min sat in the penalty box. Bowdoin scored four times to win the match 5-3.

**Squashmen Split**

Upset Amherst, Williams On Top

A hard fought 6-3 win over Amherst was the opening round in a more difficult season. The squashmen appeared to split their season in their recent tour to Western Massachusetts to meet Williams and Amherst. Previous to their Amherst victory, the Summersmen dropped a tough 4-5 decision to William's College.

Paul Goldin '54 and Walt Stahl '54 set the pace as they were the only double winners on the trip. John Maluviez '54 joined this duo at Williams when he rallied to win his match by a 5-3 count. However, none of the other squashers could register wins although Roosevelt Nyr '54 and Ralph Monks '54 went down to close defeats.

Previously unbeaten Paul Rudzinski '54 had his victory skein stopped at five, when Williams' John Boverell administered a 3-0 defeat. Bowwall has yet to lose this year in intersquad competition.

The next day at Amherst, the racketsmen regained their early season form as they upset favored Amherst.

Rudzinski regained his winning ways with a 5-1 victory, while Stahl, Stahl, Dick Lane '54, and Hugh Harrigan '54, registered easy wins. The closest matching match of the day was Monks' rally from a 17-15 deficit in the fifth game to win the game 17-15 and the match 3-2. Bob Washburn '54, Nyr, and Melas, all went down to tough defeats.

**Mechanical Engineers**
**Electrical Engineers**
**Aeronautical Engineers**
**Metallurgical Engineers**

American industry today presents the greatest field ever open to engineering students. We honestly believe that no opportunities are more rewarding than those offered at HAMILTON STANDARD.

**Truck Sales**
**New Jersey**
**WINDSOR Locks, CONNECTICUT**

**American Division**

**United Aircraft Corp.**

**WINDSOR Locks, CONNECTICUT**

**Jet Fuel Controls**
**Jet Engine Starters**
**Hydraulic Pumps**
**Cockpit Air Conditioning Systems**
**Turbine Engine Propellers**
**Piston Engine Propellers**, and other products still in the early stages of development

**Our Representative will be here for informal interviews:**
He'll be glad to answer questions and tell you more about the opportunities in our growing organization. No lengthy application to fill out — just come in and get acquainted.

**GET YOUR COPY OF**
**"YOU AND YOUR FUTURE"**

An interesting new booklet that contains all the facts about our Hamilton Standard organization and products.

**DATE: THURSDAY FEBRUARY 11**

**PLACE: ROOM 1-173**

**CONTACT MR. C. E. TUCKER’S OFFICE FOR APPOINTMENT**

**Fencers Victors, Topple, B.U., 15-12**
**Take Sabre, Epee**

Tech's fencing team won its second straight match of the season as they beat Boston University 15-12, this decisive point coming in the last three bouts. Despite captain Ed Richards' six victories, three each in the sabre and foil, the Terriers were not able to cope with the well-balanced Beaver squad.

Fred Davenport '55, Jim Frazey '55, and Barry Brown '56 each won two bouts in the sabre, giving Tech a 6-3 edge in the sabre and foil.

Tech's Teniling team beat Boston University 156-12, the decisive point coming in the last three bouts. Despite captain Ed Brandt '54, Tech gave the Terriers a 6-3 edge in the sabre and foil.

Interview with unmarried graduates of the Massachusetts Institute of Technology will be held on the CAMPUS on MONDAY FEBRUARY 15

...to interview unmarried graduates with majors in Engineering, Physics, and Geology. See your Placement Director for interview schedules.
Air Force ROTC Changes Policies

The Sixth National Student Con-
gress of the National Student Asso-
ciation last August, passed a resolu-
tion recommending reconsideration of the
pre-emptory dismissal of Air Force ROTC Cadets. The Defense De-
partment subsequently announced sev-
eral changes in their APO/RITC policy,
embodying a number of the changes
suggested by NSA member student
leaders. According to the new ruling,
dates not commissioned will now be
issued a certificate which will entitle
them to commissioned grades upon
completion of their two year obliga-
tion in service. Special arrangements
have also been made for two-year-en-
listments in the Air Force, and, in
addition, the new procedures provide
that cadets who were dropped from
the program may now be reinstated
on an individual basis, and re-enrolled
under their original contracts, and
those students whose deferments were
cancelled may now be re-rereered.

Popular Science Lectures Initiated
With Protein Talk

Dr. David P. Waugh, Associate Pro-
fessor of Physical Biology at Tech,
opened this year's series of Popular
Science Lectures at the Institute on
Monday afternoon, January 21. Dr.
Waugh spoke on "Proteins, Giant
Molecules of Life's Processes:"
The second lecture in this year's series
will be given by Dr. Thomas K.
Sherwood, Professor of Chemical
Engineering, on Sunday, March 21.
His topic will be "Fresh Water From
the Sea."

Dr. Waugh noted in his lecture that
"proteins occur wherever we attempt
to obtain a basic understanding of
the chemical and physical processes of cells and tissues. Only within the last
two decades has our knowledge ad-
anced so that we may attempt to
picture the structure of the protein
molecules."

"When we have increased our under-
standing of the elementary principles,
such as those, which govern the be-
havior of living systems, then we can
expect to control and benefit the
actions of such systems."

PRATT & WHITNEY
AIRCRAFT
will be on the campus
February 16, 1954
to interview
AERONAUTICAL METALLURGICAL ELECTRICAL MECHANICAL PHYSICS ENGINEERING GRADUATES

Visit the countries of your choice — study laws 2 years at a foreign university. You can do both as we can try when you arrange inten-
sively-sponsored tour via TWA. Itineraries include countries in Europe, the Middle East, Asia and Africa. Special study tours available. Low all-inclusive prices with TWA's non-stop Sky Tours service.

For information, write: John H.
Furbay, Ph. D., Director, Air World Tours, Dept. CN, 380 Madison Ave.,
New York 17, N. Y. Be sure to Men.

Please see Your
COLLEGE PLACEMENT OFFICER
for an appointment on
February 16, 1954

Air Force ROTC Victors Enter Playoffs

Center DiPietro Vegnati's 37 points
led East Canton to a new Interfrat-
ernal scoring record as they registered
a 46-18 win over Club Lattego. ATO
moved into the play-offs with a 64-26
win over Maga Bregno.

Gelger (Continued from page 1)

from College Athletic Association hav-
ing 109 members, and has been the
secretary-treasurer of the New Eng-
land Colleges for Conference on Ath-
elics since 1948.