

The Tech



OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXV, NO. 11

CAMBRIDGE, MASSACHUSETTS, TUESDAY, MARCH 15, 1955

5 CENTS

FSC Announces Availability Of Overseas Summer Fellowships

Plans and application procedure for the 1955 Overseas Summer Fellowships have just been announced by the MIT Foreign Study Committee. The fellowship program is made possible again this year by a grant from the Food Machinery and Chemical Corporation. These Fellowships, which provide opportunities for professional experience in Europe, are available on a competitive basis to a limited number of well-qualified graduate students through the cooperation of MIT and scientific organizations abroad.

The purpose of this program is to enrich graduate training by combining a period of professional experience with residence and observation in a European country. These Fellowships aim to give MIT graduate students special opportunities to become familiar with scientific thinking and developments in their own field in Europe, while at the same time gaining some understanding of economic and social conditions abroad and America's relationship to them.

Positions are available for 2 to 3 months in leading research laboratories, universities, and firms in Austria, Denmark, England, France, Italy, the Netherlands, Sweden, Switzerland and West Germany, including Berlin.

Applicants for fellowships should in most cases have had at least one year of graduate study and if possible some professional experience. Knowledge of the foreign language involved, while desirable, is not essential in most instances.

Since MIT Fellows are given introductions of an exceptional nature to research programs, industries, and scientific circles, preference will be given to applicants whose record, experience and personality indicate ability to make a contribution to foreign appreciation of United States technology and culture as well as to profit professionally from this unusual opportunity.

Most institutions give remuneration sufficient to cover living costs and local travel. Awards covering part or all of ocean transportation expenses depending on need are available from the Fellowship Fund.

Application Information
Application forms may be obtained from Paul Chalmers, Admissions Office, Room 3-108 or from Professor Kelso, Room 14N-333B.

Completed applications must be filed on or before March 25, 1955.

Because of time limitations, it is suggested that each student interested in applying for a fellowship obtain
(Continued on page 4)

Boys' Work Division Of TCA Studies Juvenile Delinquency

Last Sunday afternoon the TCA Boys' Work Division held the first in a series of informal seminars dealing with the subject of Juvenile Delinquency and other associated social evils. The guest speaker was Mr. Eugene Pickera of the Harvard Divinity School. Mr. Pickera is at present engaged in a study of the causes and methods of prevention of juvenile delinquency.

The small but interested group examined the influence of family, school, church, and social worker upon youths in this area. Interest was drawn to the necessity of approaching the potential juvenile delinquent on his own grounds with the object of allowing his own personal interests to influence him into becoming a more useful citizen.

Great emphasis was placed upon the importance of proper "models", since a youngster's actions are to a great extent dictated by his natural tendency to imitate those whom he respects. Specific examples were drawn from the experiences of those present.

This seminar, intended primarily for East Campus residents, was held in Talbot Lounge. The second will be held April 10 for students living on West Campus. The third and last will be held in Hayden Library Lounge at a later date, with the entire school invited.

Shortage Of Science Teachers Critical For U.S. Technology

The shortage of science teachers for secondary high schools is crucial in the solution of the world's problems, Dr. James R. Killian, Jr., MIT president, declared in an address in Cleveland, Ohio, recently.

Speaking at the MIT Midwest Conference, President Killian pointed out that "the free world is faced with a grave shortage of scientists and engineers, whereas the Soviets are systematically and successfully augmenting their supply of scientific manpower."

There is a critical need for teachers of science in secondary schools and, Dr. Killian said, "Our current inadequate output of scientists and engineers from our colleges derives in part from the fact that too few students in the secondary schools have been stimulated and encouraged to elect science and engineering as fields of study.

To help supply engineers and scientists, MIT can "accept some increase in enrollment," the president said, but "our primary responsibility is to maintain high standards and educational leadership."

"At MIT we have an inescapable responsibility to deal with ideals as well as ideas and to concern ourselves with values while we become proficient with things."

Inscomm Installs Saloma As Prexy

Tomorrow, at 5:00 p.m. Eldon H. Reiley '55 will call to order the last session of the old Institute Committee. At this meeting, John S. Saloma '56 will formally take charge of Inscomm.

Before the new committee is installed, the class officers elected in the recent class voting will be approved. Inscomm will then elect the new chairman of the Judicial Committee. After this business has been disposed of, Eldon Reiley, the outgoing chairman of Institute Committee, will submit a final report. He will then turn the gavel over to John Saloma, who will take his place as chairman for the following year and call the new Inscomm to order.

The first business for the 1955 committee will be to elect two members-at-large for the Executive Committee, one for the Finance Board, and a secretary for the Judicial Committee. The meeting will adjourn at about 6:30 p.m. The entire proceedings will be broadcast over WMIT at 5:00 p.m. Wednesday.

After the adjournment of the meeting, the members of the new and old Institute Committees will be the guests of Dean and Mrs. Bowditch for dinner.

Lengthy 1955 Tech Show Held In Kresge Auditorium

by J. Philip Bromberg '56

A somewhat decent first act, a terribly drawn out second act, an excellent dance number, a dance number which was an incoherent mess, a good overture, some poor music, some good acting, and some good scenery is perhaps the best description one can give of Tech Show 1955, *Tyde's Crossinge*, in one sentence.

The plot of the show was a novel one, to say the least. A twentieth century park is the opening scene. Jeff (played by Ted Bindrim '57) is on his way home from a party in a state of inebriation, when he meets Beck (played by Joan Icove, a Simmons Freshman). While pursuing a purse snatcher dressed as a Puritan, they soon find themselves transported to a Puritan land at the bottom of the Charles River, *Tyde's Crossinge*.

In *Tyde's Crossinge* we are presented with frustration epitomized. A rather prudish mayor, Increase Eaton (played by Bill Chandler '55) has forbidden all social intercourse between the sexes, as also the use of alcohol. A couple of angels, Theophilus (played by Dave Rados '55) and Bridget (played by Iris Kline, a Freshman at BU) have been sent down to remedy this unnatural situation. This they accomplish with the aid of Jeff and Becky, who are appointed instructors in love. Naturally in the course of their own

instructing they fall in love themselves.

The show then drags on to an inevitable end. Becky is accused of witchcraft, and then exonerated. Giles, a brilliant alchemist (played by Warren Moon '58) who has succeeded in making wine from brine, is selected as the new mayor. The citizens of *Tyde's Crossinge* all fall in love; and Becky and Jeff return to the twentieth century, where I would imagine they live happily ever after.

Insofar as the music is concerned, the Overture and *Tyde's Crossinge*, a piece for chorus and Bridget as soloist were the only good numbers. The rest ranged from mediocre to ordinary.

(Continued on page 3)

Concert Band To Present Radio Concert Tomorrow

MIT's seventy-five piece concert band will give a half-hour FM broadcast over station WBUR at 7:00 p.m. tomorrow night. The broadcast will be from the main stage of Kresge Auditorium and will be followed by a half-hour of subbroadcast music. The public is invited to attend the performance. No admission will be charged.

This will be the first time in approximately a year that the MIT community will have the opportunity to hear the concert band, an ensemble which has recently achieved prominence in musical circles. The band has been received well in its widespread travels and is noted as the foremost exponent of the new musical forms found in modern band arrangements. It has attracted the attention and approval of such musical figures as Frederick Fennell and Ernst Levy.

Tomorrow's program will include works by such contemporary composers as Vincent Persichetti, Morton Gould, Pedro San Juan, and Andy Kazdin, as well as the more conventional marches and suites by Samuel Barber, Serge Prokofieff, John Phillip Sousa, and Elie Siegmeister. The chosen pieces are those which usually fill the program of the band, giving the group a chance to show the versatility and artistry of which it is capable.

Two Activities Hold Events To Benefit Student Union

Frosh Student Union Dance Friday To Help Finance Stu-Alumni Center

The first Student Union dance, sponsored by the class of 1958, will be held on Friday, March 18, from 8:00 p.m. to midnight, in the Dorothy Quincy Suite, the new ballroom of the Hancock Building.

Music will be provided by Hal Reeves and his ten-piece orchestra, with vocals by Marion Carroll. At the intermission the orchestra will give a short jazz concert. Free refreshments will be available.

The dance will be semi-formal, so no flowers are necessary. The total cost for the evening is \$2.50, and tickets are on sale in the lobby of building ten. The freshman class cordially invites everyone to attend.

This dance marks the beginning of a large-scale four year publicity campaign for the proposed student alumni center. The class of 1958 has undertaken to stir up interest in the center and to help raise enough money by 1958 to finance the project. Cooperating in the campaign are the Student Union Committee and the Lecture Series Committee.

The need for the Student-Alumni Center has recently become increasingly apparent. The various student

LSC Presents Film, Lecture

This Wednesday at 5 p.m., the Lecture Series Committee will present a lecture by Prof. Walt W. Rostow of the Humanities Department and the Center for International Studies. The subject of the lecture will be "The Prospects for Communist China" the title of Prof. Rostow's new book. The lecture will be in Huntington Hall, Room 10-250, this Wednesday, March 16, at 5:00 p.m.

The LSC film this week is "Quartet" starring Basil Rathbone and Cecil Parker and based on four short stories of W. Somerset Maugham. The film will be shown this week on Wednesday at 7:30 only in room 3-370 in addition to the three regular shows on Thursday, which will be in room 1-190 at 5:05, 7:30 and 9:45. The admission will be 30 cents, all of which will be donated to the Student Union Fund.

WMIT STAFF MEETING
There will be a WMIT general staff meeting this Wednesday in Tyler Lounge, Walker Memorial, at 7:00 p.m.

Course III Meets

Tomorrow afternoon the Department of Metallurgy will hold an open house for all freshmen and upperclassmen who might be interested in Course III. The two-hour session is scheduled to start at 4:00 p.m., when everyone will meet in Room 35-225. From this point tours will leave to visit the various metallurgy laboratories in Buildings 35, 8 and 4. Participants in these tours will see specially prepared exhibits and demonstrations, in addition to viewing several actual experiments in progress.

At about 5:20 p.m. the groups will meet in Room 8-010 for refreshments and an informal get-together with members of the faculty. Students who cannot attend for the full period are urged to drop in for as much of the open house as they find convenient.

Grad. Dance Friday

Graduate students of the Institute will have their only formal dance of the year from 9:00 p.m. to 1:00 a.m. on Friday, March 18, at the Faculty Club. All graduate students, faculty and staff members, and their guests are cordially invited to attend.

The music will be provided by Hal Reeves and his orchestra, and refreshments will be available. Formal attire is preferred for the occasion, but dark suits are permissible. Tickets are available at the Graduate House desk at \$3.00 per couple.

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If you are over 21, read on
If you are near sighted and patriotic, read on
If you are tired of our old blood, AND
If you have not yet signed up for the TCA Blood Drive
Call the TCA office immediately to make a last minute appointment for this afternoon or Wednesday, the last day of the Drive.

The Tech



VOL. LXXV Tuesday, March 15, 1955 No. 11

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SUBSCRIPTION RATES

	Institute Mail	United States	Foreign
1 year	\$2.25	\$2.75	\$3.25
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OFFICES OF THE TECH

News, Editorial and Business—Room 020, Walker Memorial, Cambridge 39, Mass.
 Entered as second class matter at the post office at Boston, Massachusetts.

Calendar of Events

from March 16 through March 23, 1955

WEDNESDAY, MARCH 16

Acoustics Laboratory. Seminar: "The Production of Speech." Drs. Kenneth N. Stevens and Arthur S. House. Room 20E-225, 4:00 p.m.
 Biology Department. Colloquium postponed until Wednesday, March 23.
 Civil and Sanitary Engineering Department. Hydromechanics Seminar: "Control of Density Underflows for a Large Condenser Water Intake." Prof. Donald R. F. Harleman. Room 48-208, 4:00 p.m. Refreshments in Room 48-208 at 3:45 p.m.
 Mathematics Department. Lecture Series—III: "Elliptic Partial Differential Equations." Dr. Felix Browder. Room 2-242, 4:00 p.m.
 Lecture Series Committee. Lecture: "The Prospects for Communist China." Prof. Walt W. Rostow. Room 10-250, 5:00 p.m. Admission free.
 M.I.T. Staff Players. Supper and play reading: "The Confidential Clerk" by T. S. Eliot. Director: William Harris. Faculty Club, 6:15 p.m.
 Inter-Varsity Christian Fellowship. Lecture: "Preview of Christ as Foreseen by Isaiah." Mr. Theodore Liss. Room 10-280, 7:00 p.m.
 Chemistry Department. Harvard-M.I.T. Physical Chemistry Colloquium: "Ferromagnetics and Ferroelectrics." Prof. Arthur R. von Hippel. Room 6-120, 8:00 p.m.

THURSDAY, MARCH 17

Physics Department. Colloquium: "The Proton-Neutron Mass Difference." Prof. Victor F. Weisskopf. Room 6-120, 4:15 p.m.
 Lecture Series Committee. Film: "Quartet," with Basil Rathbone and Cecil Parker. Room 1-190, 5:05, 7:30, and 9:45 p.m. Admission: 30 cents.
 American Society of Mechanical Engineers—M.I.T. Chapter. Lecture: "Nuclear Reactors for Research." Dr. Manson Benedict. Miller Room (3-070), 5:15 p.m.
 School of Architecture and Planning. Lecture by John Johansen, Architect from New Canaan, Conn. Room 7-437, 8:00 p.m.

FRIDAY, MARCH 18

Mechanical Engineering Department. Seminar: "Temperature Measurements in Internal Combustion Engines." Prof. Thomas P. Rona. Room 3-370, 3:30 p.m. Coffee will be served in Room 3-174 from 3:00-3:30 p.m.
 5:15 Club. Acquaintance Dance. 5:15 Club Room, 8:30 p.m. Admission for men: \$1.00.
 M.I.T. Graduate School. Spring Formal. M.I.T. Faculty Club, 9:00 p.m.-1:00 a.m. Admission: \$3.00 per couple. All M.I.T. graduate students welcome.

SATURDAY, MARCH 19

M.I.T. Bridge Club. Tournament. Baker House Cafeteria, 1:30 p.m.
 All Tech Sing. Kresge Auditorium. Admission: 75 cents.

SUNDAY, MARCH 20

Order of DeMolay—M.I.T. Chapter. Obligatory Sunday. University Lutheran Church, 66 Winthrop Street (near Harvard Square), Cambridge, 10:45 a.m. All DeMolays and their guests welcome. M.I.T. members will meet at 10:15 a.m. in the Lobby of Building 7.

Humanities Series. Concert by the New York Trio: Fritz Jahoda, piano; Rachmael Weinstock, violin; and Otto Deri, cello. Program: Beethoven, Piston and Dvorak. Open to public; free of charge; no tickets required. Kresge Auditorium, 3:00 p.m.

M.I.T. Society of Arts. Popular Science Lecture: "Modern Catalysts for Modern Synthetic Rubber." Prof. Avery A. Morton. Room 10-250, 4:00 p.m.

T.C.A. BLOOD DRIVE

The last day of the Technology Christian Association Blood Drive will be Wednesday, March 16. Hours: 9:45 a.m.-3:45 p.m. in Walker Memorial. For appointments call the T.C.A. Office, Extension 885.

EXHIBITS

An exhibition of paintings by Josef Albers, painter, teacher, and head of the Painting Department at Yale University, will be held in the New Gallery of the Charles Hayden Memorial Library through March 27. Hours: Monday through Friday, 9:00 a.m.-5:00 p.m.; Saturday and Sunday, 2:00-5:00 p.m.

Photographic Salon prints by Ralph L. Mahon of Elmhurst, Illinois, will be shown in the Photo Service Gallery, Basement of Building 11, through March 21.

Models and photographs illustrating the broad scope of activities in the field of civil engineering will be on exhibit in the Lobby of Building 7 through March 18.

Sponsored by the Department of Economics and Social Science, a collection of old coins will be displayed on the third floor of the Sloan Building for the next three weeks.

CALENDAR OF EVENTS

The Calendar of Events appears in THE TECH on Tuesday with announcements for the following eight days (Wednesday through Wednesday). Notices, typewritten and signed, must be in the office of the editor, Room 7-204, not later than noon on Thursday prior to the date of publication. Material for the Calendar of March 23-30 is due March 17.

through the mail

To the Editor of *The Tech*

Dear Sir:

I want to thank you on behalf of my committee for the publicity you gave the report I submitted to Institute Committee, March 9. I would like to make one correction, however, the special advisor for commuters has been discussed only on an informal basis, thus far, with Dean Bowditch. No official appointment is being considered at this time.

Thank you.

Robert E. McKelvey '56,
 Chairman,

Commuter Action Committee

March 11, 1955

the kibitzer

by Lee S. Richardson '50

NORTH

S—10 3
 H—A Q J 8 7 4 3
 D—J 9
 C—7 3

WEST

S—Q J 9 6 5 4
 H—
 D—A K 8 6 5 3
 C—5

EAST

S—8 7 2
 H—K 6 5 2
 D—7
 C—K Q 10 9 4

SOUTH

S—A K
 H—10 9
 D—Q 10 4 2
 C—A J 8 6 2

The bidding: W N E S
 1D 3H P 3NT
 P P P

Opening lead: King of diamonds.

Many times in bridge you can force your opponent to give you the contract. This hand, from the duplicate tournament at the MIT Bridge Club last Saturday, is a fine example. The poor opening lead condemned East to a tragic end.

The South player, a man of considerable imagination and ability to go with it, figured his partner for solid or nearly solid hearts from his preemptive overcall. Hoping that the hearts would run, he bid three no trump. North, eternally optimistic, also hoped that hearts would run and passed.

West chose the poor opening of the king of diamonds and followed it with the even poorer play of the ace of diamonds. When his partner discarded a small heart, he woke up and shifted to a spade. South took the king and led the ten of hearts. When West showed out, declarer paused for thought. Finally he played the jack. East of course ducked. Declarer now led a small club towards his hand. East hesitated and was lost. He played the queen and declarer ducked. East returned a spade which declarer took with the ace. He then led a good diamond. East threw a club, now held a small spade, the king and a small heart, and the king ten, nine of clubs. Declarer led his last diamond, and East was not in a pleasant position. He could not throw a heart, nor could he throw a club, so he threw a spade. Declarer now led a small club and East was in. He either led away from his doubleton king of hearts or from his doubleton king of clubs. Either way, declarer takes the rest to make three no trump. Although the play may be different if East ducks the small club lead from the board, it does not change the final outcome. West's lead had killed East. What East said to West had best remain unreported.

This week's winners at the MIT Bridge Club were John Burg, G and Lee Richardson, G, playing North-South, and Jerry Davis '56 and Dick Teper '56 playing East-West.

TECH LITERARY SUPPLEMENT

"The quality of mercy is not strained."

Shakespeare,

The Merchant of Venice

But, the quality of material in The Tech Literary Supplement depends entirely on you. Send all your artistic achievements to The Offices of The Tech, Room 020, Walker Memorial. Final deadline is March 20.

reviews

"Athena"

by Dick Teper '56

"Athena" is a motion picture that may truly be classified as out of this world. It concerns the Mulvain family; seven beautiful vegetarians who live by the stars, their grandmother (Evelyn Valden) who communes with a Greek goddess, and their grandfather (Louis Calhern) who builds contestants for "Mr. Universe contests." The lot of them spend their time dancing and singing in the fresh air and living on nuts and berries in a most impractical manner. However, if such a life continues to produce figures comparable to those of Athena (Jane Powell) and Minerva (Debbie Reynolds), who can complain?

Edmund Purdom plays the part of Adam Smith, a young lawyer who gets involved with Athena when she decides to mulch his peach trees. This is a very unusual way for a young man to meet a young lady, but it's only the beginning. Crooner Johnny Nile (Vic Damone) has approached his old Navy friend for some legal

aid, and naturally he ends up eating nuts and berries too.

The net result, of course, is have as far as Adam's political career concerned, and even worse from the point of view of his fiancée (Linda Christian). All in all, the story about the craziest, most improbable, impractical, and impossible thing ever filmed—but, it's entertaining. The music is good, the lines are excellent and wherever opportunity knocks for a bit of acting ability, it's answered. Evelyn Valden and Louis Calhern do an admirable job as chief star-gazers and there can be few complaints concerning the remainder of the cast. The picture might be summed up as a merry bit of nonsense which can be found quite enjoyable provided you don't think too much about what you are watching.

On the same program, now showing at the Loew's State Theater, is "Crest of the Wave," starring Gene Kelly, picture that isn't half as bad as



On Campus with Max Shulman

(Author of "Barefoot Boy With Check," etc.)

SCIENCE MADE SIMPLE: NO. 3

Once again the makers of Philip Morris, men who are dedicated to the betterment of American youth, have consented to let me use this space, normally intended for levity, to bring you a brief lesson in science.

It is no new thing, this concern that the makers of Philip Morris feel for American youth. Youth was foremost in their minds when they fashioned their cigarette. They were aware that the palate of youth is keen and eager, awake to the subtlest nuances of flavor. And so they made a gentle and clement smoke, a suave blending of temperate vintage tobaccos, a summery amalgam of the most tranquil and emollient leaf that their buyers could find in all the world. And then they designed their cigarette in two sizes, king-size and regular, and wrapped them in the convenient Snap-Open pack, and priced them at a figure that youth could afford, and made them available at every tobacco counter in the land.

That's what they did, the makers of Philip Morris, and I for one am glad.

The science that we take up today is called astronomy, from the Greek words *astro* meaning "sore" and *nomos* meaning "back." Sore backs were the occupational disease of the early Greek astronomers, and no wonder! They used to spend every blessed night lying on the damp ground and looking up at the sky, and if there's a better way to get a sore back, I'd like to hear about it. Especially in the moist Mediterranean area, where Greece is generally considered to be.

Lumbago and related disorders kept astronomy from becoming very popular until Galileo, a disbarred user of Perth, fashioned a home made telescope in 1608 out of three Social Security cards and an ordinary ice cube. What schoolboy does not know that stirring story—how Galileo stepped up to his telescope, how he looked heavenward, how his face filled with wonder, how he stepped back and whispered the words heard round the world: "L'etat, c'est moi!"

Well sir, you can imagine what happened then! William Jennings Bryan snatched Nell Gwynne from the shadow of the guillotine at Oslo; Chancellor Bismarck brought in four gushers in a single afternoon; Hal Newhouser was signed by the Hanseatic League; Crete was declared off limits to Wellington's entire army; and William Faulkner won the Davis Cup for his immortal *Penrod and Sam*.

But after a while things calmed down, and astronomers began the staggering task of naming all the heavenly bodies. First man to name a star was Sigafos of Mt. Wilson, and the name he chose was Betelgeuse, after his wife Betelgeuse Sigafos, prom queen at Michigan State College from 1919 to 1921.

Not to be outdone, Formfg of Yerkes Observatory named a whole constellation after his wife, Big Dipper Formfg, the famed dirt track racer. This started the custom of astronomers naming constellations after their wives—Capricorn Cygni, Orion, Ursa Major, Canis Major, and so forth. (The M or girls, Ursa and Canis, both married astronomers, though Canis subsequently ran off with a drydock broker named Thwaites.)

After naming all the heavenly bodies, the astronomes had a good long rest. Then, refreshed and brown as berries, they undertook the gigantic project of charting the heavens—so vast that it is measured in units called "light-years" These are different from ordinary years in that they weigh a good deal less. This, of course, is only relative, since space is curved. As Einstein laughingly said, "E=mc²."

Well, I guess that covers astronomy pretty thoroughly. But before we leave this fascinating topic, let us answer one final question: Is there life on other planets?

The answer is a flat, unequivocal no. Recent spectroscopic studies have proved beyond a doubt that the atmosphere of the other planets is far too harsh to permit the culture of the delicate vintage tobaccos that go into Philip Morris Cigarettes. And who can live without Philip Morris?

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This heavenly column—like the author's more earthy ones—has brought to you by the makers of PHILIP MORRIS cigarettes—who feel you'll find real enjoyment in their product.

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Squashmen Bow To Yale In Finale; Cohen Stars As Season Ends 3-6

Last Friday at the Barbour Field House courts, the MIT varsity squash team absorbed an 8-1 licking at the hands of a strong Yale aggregation. The Elis were too deep for an undermanned Tech squad which missed two of its regular players. The sole bright spot for the cardinal and gray was the performance of Howie Cohen '57, who came from a 2-0 deficit to whip the Yale number one man, Ned Vare. The extreme closeness of the match may be seen from scores of the games. This victory was particularly impressive as Vare had reached the semi-finals of the intercollegiate squash tournament the previous weekend, and in addition was the only collegiate player to defeat intercollegiate champion Campbell of Princeton, having turned this trick in a tournament in New York last December. The rest of the team went down to straight game defeats. The racquetmen wound up the season with a 3-6 record, defeating Wesleyan, Fordham, and Trinity, and losing to Dartmouth, Williams, Amherst, Harvard, Princeton, and Yale. This compares with the 4-4 mark compiled by last year's team.

Thomas Cops "D" League Title
Tom Thomas '57 closed out the season in a blaze of glory as he defeated Al Hahn '56 in the finals of the individual championship of the MSRA "D" League. Thomas had to overcome a 2-1 deficit to achieve his success which included a one point victory in the fourth game, and a close battle in the final one. He succeeds Howie Cohen '57 as state champion in the "D" League.

Thomas almost scored a double triumph as he was edged out in the finals of the "C" League tournament in a

five game match. He was just about as close to victory as is possible, enjoying an 11-8 lead in the final game before his opponent managed to rally and overtake him.

The MIT JV-freshman combination team copped the "D" League team title by defeating the Union Boat Club 3-2 and 5-0 in playoff matches. The two teams finished the regular season in a tie for first place. In addition to Thomas and Hahn, the team consisted of Gordie Bruggeman, Rene Mendes de Leon, Bill Bateman and Bob Millard.

Prospects Good

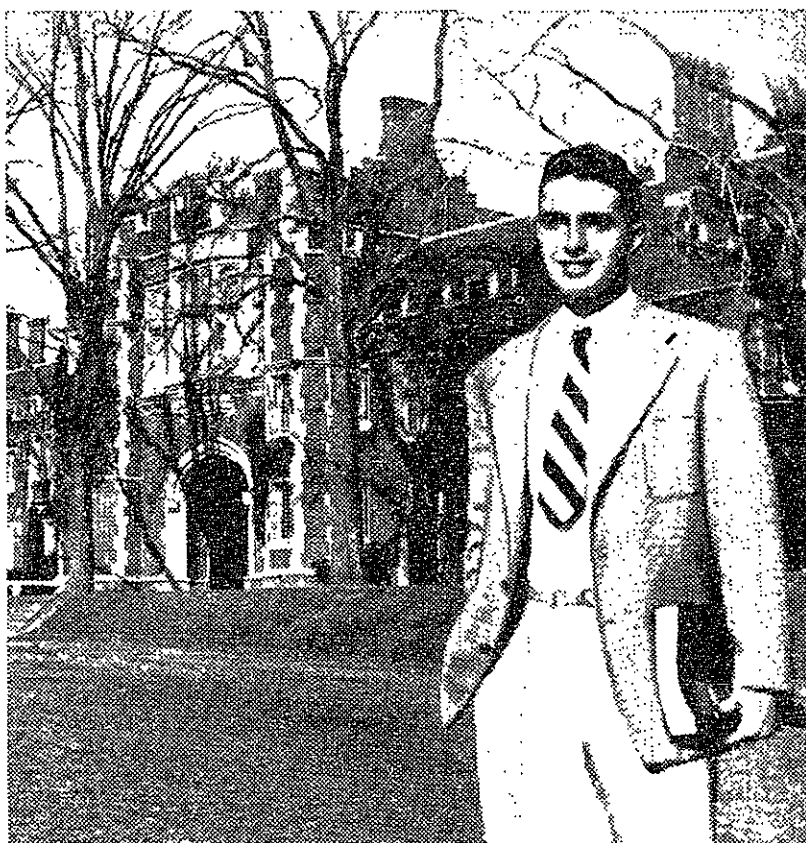
Varsity squash prospects for next year are very good. Although Capt. Morales, Steig, Bruggeman, and Millard will be lost through graduation, the team will be vastly strengthened by the addition of Guatemalan squash champion Juan Hermosilla '57, a transfer student who was ineligible for varsity competition this year. Sophomore Cohen, who was seeded eighth in the recent intercollegiate championships and lasted until the quarter-final round, has shown consistent improvement throughout the season, and should prove an even greater asset to the team in the future.

The scores of the Yale match follow:

- Cohen '57 d. Vare (Y) 12-15, 12-15, 15-14, 17-15, 16-13
- Zimmerman (Y) d. Morales '55 15-12, 15-9, 15-13
- Ragen (Y) d. Thomas '57 15-6, 15-8, 15-11
- Gardner (Y) d. Hahn '56 15-7, 15-12, 15-10
- Englander (Y) d. Steig '55 15-9, 15-6, 18-14
- Meyer (Y) d. Bruggeman '55 15-8, 15-12, 15-5
- Safford (Y) d. Mendes de Leon '55 18-13, 15-8, 15-10
- Heebner (Y) d. Schonblom '56 15-0, 15-7, 15-4
- Unhoch (Y) d. Chauhan '57 15-5, 15-5, 15-5

Donald C. Pote asks:

What bearing
would my field
of training have
on my assignments
at Du Pont?



DONALD C. POTE will receive his B.S. degree in Mechanical Engineering from Princeton University this June. He's been quite active in interclub athletics—football, basketball and baseball—and served a term as Club Athletic Director. He's also found time to work on "The Princeton Engineer" as Associate Editor. Right now, Don is making thorough plans for his employment after graduation.

"Chuck" Noren answers:

The answer to that is easy, Don, if you mean *initial* assignments. Generally speaking, a graduate's first assignment is influenced by his previous training and his expressed interest in a particular type of work. Whenever possible, Du Pont assigns a man to the type of work he is trained for and wants—he'll do better in any field if he's highly interested. For example, my master's thesis was on the use of explosives, and my first Du Pont assignment was a study of the efficiency of explosives.

But experience on the job really constitutes *new training*. You learn about other branches of science and engineering—you broaden your horizons through daily contacts with men having other skills. The result is that arbitrary divisions between technical branches gradually dissolve, and you become ready for new assignments and new responsibilities—even outside your original field. In my own case, I developed quite a bit of skill in mechanical and civil engineering techniques when I was called upon to supervise the "shooting" of an experimental tunnel for the evaluation of new explosives—even though my original training was in mining engineering.

Of course, specialization in a definite field may be continued if the man specifically wants it and reveals a talent for it. The best opportunities for that are in research and development. Naturally, the value of this kind of work is also recognized at Du Pont.

So, no matter what your initial assignment may be, Don, Du Pont is anxious to bring out your best. A good rule to remember is this. A graduate's first assignment is often necessarily based on his field of training and his degree, but his subsequent progress at Du Pont is *always* based on his demonstrated ability.



CHARLES H. NOREN received his B.S. in Mining Engineering from the University of North Dakota before he entered the U. S. Air Force. Later he returned to school for an M.S. from the Missouri School of Mines, received in 1948. During the course of his Du Pont employment, Chuck Noren has had a wide variety of job assignments. At present he is engaged in a fundamental research project concerned with commercial explosives at Du Pont's Eastern Laboratory in Gibbstown, N. J.

NOW AVAILABLE for student ASME chapters and other college groups, a 16-mm. sound-color movie—"Mechanical Engineering at Du Pont." For further information write to E. I. du Pont de Nemours & Co. (Inc.), 2521 Nemours Bldg., Wilmington 98, Delaware.



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Tech Show

(Continued from Page 1)

The best part of the entire show was item number six in the first act, *Hornpipe Dance*, performed by Francois (played by Jack Rosenfeld '56) and a friend (played by Arlene Lane). This was a well performed novel ballet number combining elements of the classic ballet and Slovik folk dances. The worst part was the one other dance section, *Indian Mambo*, which seemed like nothing but an agglomerated mess of people jumping about the stage in rhythmic like motions.

Acting in the show was quite good at the beginning, but deteriorated toward the end. Not that the characters lost their acting ability as the show progressed, but rather that the audience lost their listening ability. There was much too much dialogue. Sarah (played by Carole Behrens of Emerson) was done quite effectively. Sarah, however, is a "type" character, obstreperous and gossipy. One soon tires of "type" characters, especially when they are over-typified and keep throwing the same kind of lines at the audience. One tired of Sarah toward the end of the first act. The same is true of Increase Eaton's idiotic laugh.

This was not true of all the typified characters, perhaps because they had fewer lines. Francois, "un bonhomme Francais" is an exception. His remarks, coming at odd moments with the broadest French accent possible, were always welcome.

Perhaps nearest and dearest to the hearts of all Techmen was Giles, the precocious alchemist, who preceded Volta with the discovery of the battery, and also Priestly with the discovery of Chlorine, here named "a stink" in a most appropriate manner. The remainder of the characters were acted quite competently, however, because of a dragging plot they seemed to grow worse as the second act progressed.

The main drawback to Tech Show was its length. Perhaps the one thing which stood in the way of a somewhat successful show was *one hour*. It would be a good idea for future planners to aim at ending the performance by 11:00 p.m. at the latest.

Nautical Ass'n. Annual Meeting

The MIT Nautical Association elected its 1955-1956 officers at its annual meeting last Monday, March 7, in room 2-390. Nicholas Newman '56 was elected Commodore, Stephen Strong '56 was elected Vice-Commodore, Bill Stiles '57 was named Secretary, and Sal Pomponi '57 is the new Treasurer. The new members of the Executive Committee are Ken Dunipace '57, George Barry '56, and Bill Blacklock '58.

Awards were also made at this meeting. The Ford Trophy, an award made to an MIT student for outstanding racing in class one-ten sloops, was presented to Fred Brooks '55. Nicholas Newman was awarded the Vose Trophy, which is given to the MIT student with the best dinghy racing record, and Paul Goldan '55 was awarded the Summer Series Trophy for the best record in summer dinghy competition.

Freshman team awards were made to Jon Senzer, Bill Blacklock, Ted Van Iderstine, Dick McCullough, Jack Richards, Jesse Wallace, Jim Barber, and Jerome Abel. Varsity awards were made to Jim Clinton '55, Sal Pomponi, George Barry, Bill Stiles, John Marsland '57, George Baker '56, and Jim Simmons '55. Elected to the Bosuns Club, the governing body of the Nautical Association, were Dick Mateles '56, Jack Pugh G, George Baker and Jim Simmons.

The meeting was rounded out by some excellent color movies shown by

sailing master Jack Wood. The movies depicted intercollegiate racing at both the Naval and Coast Guard Academies, as well as on the Charles.

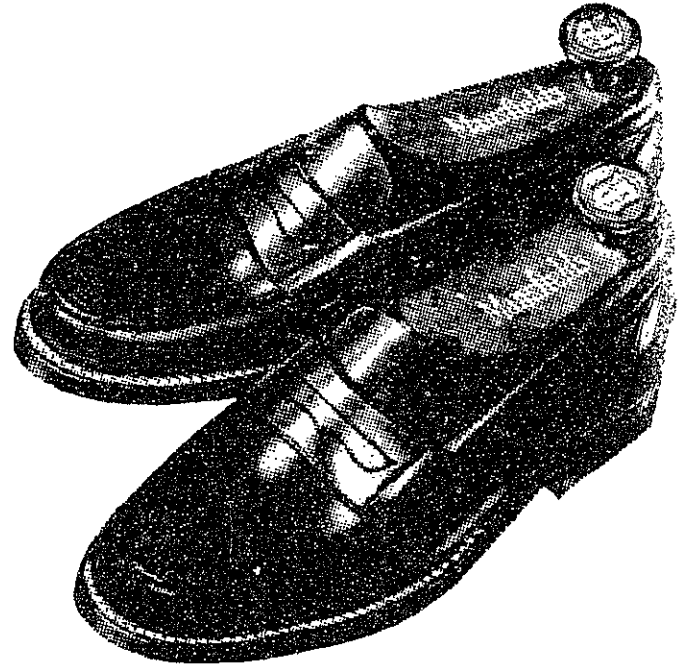
The following events will take place before the season opens April 1: Monday, March 14, a meeting of all persons interested in the Varsity or Freshman teams at 5 p.m. at the Sailing Pavilion to discuss the coming season. Monday, March 21 through the following Thursday: Shore School, given in Room 2-390 for all members of the Institute interested in learning to sail. All persons contemplating joining the Nautical Association are encouraged to come. At the same time a Racing Rules School will be held at the Sailing Pavilion. All persons who are interested in learning or reviewing the racing rules are encouraged to attend. Attendance at this school is compulsory for sailing in intramural races.

Tech Tops UNH In Track Meets

The Engineer track team coasted to a 62 5/6-45 1/6 win over UNH in a meet held Saturday at Briggs. Weightman John Morefield '56 led the team with a pair of wins, taking the shot put and 35-pound weight throw. The meet was uneventful. UNH, outclassed, was never able to press the Beavers; and Tech, with several men superior physically failed to come up with any top-flight times.

In the frosh competition, MIT downed the UNH yearlings, 69-30. Kipp, Isham and Fandell led the Beaver frosh. Depth was the main factor in the win as Tech piled up seconds and thirds to win going away.

The varsity box score:
 Hurdles. 1. Lattof (MIT); 2. Hilton (UNH); 3. Merkl (MIT). Time: 5.7 sec.
 Dash. 1. Campbell (UNH); 2. Olivier (MIT); 3. Hoffman (MIT). Time: 5.6 sec.
 One Mile Run. 1. Bengston (MIT); 2. Vaughan (MIT); 3. Williams (UNH). Time: 4:48.5.
 600 Yard Run. 1. Schreiber (MIT); 2. Campbell (UNH); 3. Fish (UNH). Time: 1:18.5.
 Two Mile Run. 1. Smith (MIT); 2. Vedeler (UNH); 3. Berman (MIT). Time: 10:27.0.
 1000 Yard Run. 1. Carberry (MIT); 2. Pearson (MIT); 3. Bengston (MIT). Time: 2:32.8.
 300 Yard Run. 1. (tie) Campbell (UNH) and Geisler (MIT). 3. (tie) Fish and G. Penney (UNH). Time: 34.7 sec.



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Fellowships

(Continued from page 1)

the following as soon as possible:

1. A copy of his birth certificate (for passport application).
2. Undergraduate and graduate transcripts.
3. Three small photographs of himself (for passport and application).
4. Three references from people who are familiar with work of the individual and his ability to represent the United States. These people should write directly to Professor Chalmers, Room 3-108, MIT.

It is also suggested that prospective applicants begin to make tentative arrangements for their transportation to and from Europe.

For further information consult any member of the Foreign Study Committee.

TENNIS RALLY
 On Friday, March 18, at 5:00 p.m. there will be a rally for varsity and freshman tennis candidates in Litchfield Lounge in Walker Memorial.

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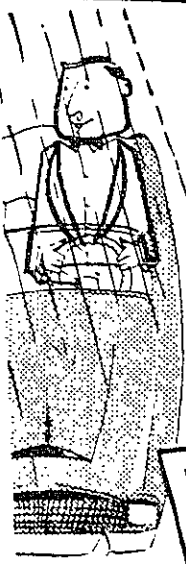
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