

The Tech

OFFICIAL NEWSPAPER OF THE UNDERGRADUATES OF THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY

VOL. LXXVII NO. 36

CAMBRIDGE, MASSACHUSETTS, TUESDAY, OCTOBER 29, 1957

5 CENTS

Students, Faculty Discuss Issues At Annual Leadership Conference

Last Friday, with an eight p.m. dinner at the Exeter Inn in Exeter, New Hampshire, the 1957 Leadership Conference held by student government began. Amid the turning leaves, brisk air, and Colonial architecture, students, administration and faculty dealt with problems ranging from the educational policy of MIT in the academic realm as well as to the problem of the status of student government.

Attending the conference were Institute Committee, the station manager of WTBS, the news editor of *The Tech*, Professors Ernst Levy, Humanities, and Billy Goetz, Industrial Management, the Administrative Assistant to the President, Robert Briber, and Deans Rule, Fassett, and Speer.

Educational Policy

Beginning with the keynote speech delivered by Dean Speer concerning the Administrator's Concept of a Student, and finishing with Dean Speer's idea of education, a large portion of the conference dealt with the MIT education. Both Dean Speer and Professor Levy in their talks

Dormcon Meets With Deans To Discuss Open House Rules; No Plans Formulated

The Dormitory Committee discussed the problem of Open House Regulations with members of the Administration at their meeting last night. In response to a statement of the Corporation Committee on Student Activity that they were "displeased with the present situation on Open House Hours," DormCom met with Deans F. G. Fassett and John Rule to discuss the issue. The meeting was taken up with a question-and-answer period between DormCom and the Deans, in an attempt to clarify the positions of both sides. Bob Hecht, President of DormCom, said that no specific agenda had been set for the meeting.

Dean Fassett agreed that the meeting was devoted to preliminary explanations and discussions, with no official plans being offered. He said that DormCom had requested this meeting, largely to clarify their understanding of the Administration's position.

At the present time, DormCom is the sole agency of the Student government dealing with the problem. Hecht said

that his group, as well as the Administration, had no plan to offer. He said, "The opinion of the majority of students is that student government should take a firm stand and hold out for maintaining Open House hours as they now stand. A few students, however, feel that it would be better for DormCom to offer a compromise plan, acceptable to both sides, at the beginning of the negotiations." At this meeting, no plans were offered, but a date for subsequent sessions was set at the conclusion of the discussion period.

Possibility of Exodus

Howard P. Zieger, House Chairman of Baker House, commented further on the Open House issue. He feels that, should a serious infringement of hours take place, a dormitory exodus would grow to a much greater level than at present. He feels that the Administration would have two possible ways of countering this. "First," he said, "and most pessimistically, they could put a greater pressure on students by re-

'Fun Without Harm' Is Wanted As East Campus Field Day Activities Get Underway

The East Campus Field Day activities started last Saturday with a tug-of-war between East Campus Freshmen and Sophomores. As winners of this event, the Sophomores were awarded the Purple Shaft. Since then, however, it has been stolen by the Freshmen, who had possession of it at last report.

During the week members of the class in possession of the Shaft try to present it to one member of the other class in the presence of nine of his classmates and a member of the subcommittee supervising the Field Day.

More Tugs Saturday

Next Saturday there will be two more tug-of-wars between the classes of '60 and '61. Each will be the best of three pulls, with an unlimited number of Sophomores and Freshmen eligible to participate.

Also next Saturday the traditional Glove Fight will take place. The location of the combat has not been revealed. It will probably occur sometime in the afternoon.

Marvin Manheim '59, chairman of the East Campus Field Day subcommittee, stated that, "The feeling in East Campus is definitely in favor of such events as the Glove Fight and the Purple Shaft—more so, perhaps, than elsewhere on campus. The organizations which abolished the Field Day events did not take cognizance of this feeling."

"We on East Campus feel that 'horseplay' should be available in some semi-organized form for all those who wish to indulge, without harm to property or to those who are not desirous of participating. The theme of the Field Day as approved by the East Campus House Committee is best summed up by the Mickey Mouse Club in the Vector, East Campus newspaper, 'So long as no one is hurt, let us have fun.'"



Valiantly straining in a futile attempt to whip a merciless foe are the East Campus freshmen. Better luck next time.

WTBS Premier "Campus Forum" Will Highlight Principle Problems

A new show, "Campus Forum", will be featured this Thursday at 8:30 p.m. by MIT's campus radio station, WTBS. The weekly half-hour program will be an interview type show aimed at highlighting situations of immediate concern to MIT students. Mutual problems of students and Institute administration will be discussed.

Roy Thorpe '58, WTBS General Manager, said that the program will be designed to introduce MIT personalities to the student body, and will feature inside stories on such facilities as the nuclear reactor and IBM Computer. Opportunity to answer questions posed by students involving intentions, purposes, and goals of the Administration and members of the Undergraduate Body are planned.

Increased Campus News

WTBS has long felt a need for increased coverage of campus news and issues, and as a result has this year widely expanded its programming in this area. Regular campus news broadcasts are set to begin shortly.

Dorm Situation To Be Aired

The first Campus Forum will feature David R. Waldbaum '59, Director of WTBS' Campus Affairs Department, interviewing William McIntosh, Director of General Services. The interview will concern the many recent cutbacks in services to dormitory residents. Last year's Ryer Committee Report will be discussed with special reference to the problem raised by this year's large exodus from dormitories. The recent desk hours cut on East and West Campuses is likely to be a central topic.

Typical questions to be fired Thursday night will include: Has student opinion on the cutbacks been polled? What are the effects of the cutbacks on student sentiment? How will student opinion influence future decisions in these matters?

To Discuss Open House Views

Next week Undergraduate Association President Arnie Amstutz '58, and Dean Rule will discuss open house regulations in the dorms. The interview will attempt to bring to light the reasons behind the Administration's request for more stringent open house rules, with Amstutz and Dean Rule debating the necessity for revising the present set-up.

(Continued on page 8)

Stratton And Soderberg Address Pi Tau Sigma National Convention

The 37th Annual Convention of Pi Tau Sigma, national honorary mechanical engineering society, will be climaxed tonight with a banquet to be held in the Crystal Room of the Hotel Kenmore at 7 o'clock. The convention, largely a series of business sessions for the 100 delegates of the 63 chapters represented, has been in process here at MIT since Sunday night, when the delegates arrived.

Soderberg, Stratton Address M.E.'s Monday's program included two business meetings for the group at the Little Theatre in Kresge, after a speech of welcome by Professor Carl Soderberg. At 6 o'clock the

convention adjourned for dinner and a tour of the Sylvania Electric plant in Woburn. Today, the delegates are occupied with tours of the Institute, a third business meeting, and as a climax to the whole affair, the aforementioned banquet to be held tonight. It is at this point that Dr. Julius A. Stratton, Chancellor of the Institute, will speak.

Select Group

The MIT chapter of Pi Tau Sigma is a select honorary fraternity for Course II Juniors and Seniors. Only 25% of the Juniors and 33% of the Seniors are eligible, while even less are actually admitted.

The following is a statement of the Institute Committee action of May 1957:

1. There shall be no hazing among students at MIT.
2. Control of all matters pertaining to orientation (including hazing) within the individual living groups shall be the responsibility of the individual living group governments.
3. In all instances where normal channels are unable to control activity or control is inadequate, the Executive Committee will prefer charges and/or effect appropriate action."

CLARIFICATION:

1. "... within the individual living groups ..." shall be considered as
 - (a) within the confines of Baker and Burton House
 - (b) within the house property of fraternity houses
 - (c) within the East Campus Senior Houses, the Parallels, and the area directly between the Parallels.
2. Any illegal activity outside the indicated areas of living group jurisdiction will be subject to immediate Executive Committee action, and may result in suspension from MIT for individuals involved.
3. The Executive Committee of the Undergraduate Association shall be sole judge of when activity is
 - (a) uncontrolled
 - (b) subject to inadequate control.

Friday evening presented the idea that education is essentially the making of the man as he broadens in many spheres.

Discussing "Student government's role in Curriculum and educational

(Continued on page 6)



Enterprising East Campus hunters pose with their trophy from a recent safari: the renowned Dartmouth Goose, captured alive from the visiting Indians last weekend.

The Tech

VOL. LXXVII October 29, 1957 No. 36

Entered as second class matter at the post office at Boston, Massachusetts. Published every Tuesday and Friday during the college year, except during college vacations, by THE TECH, Walker Memorial, Cambridge 39, Mass. Telephones TRowbridge 6-5853-6 or UNiversity 4-6900, Ext. 2731.

F. Helmut Weymar '58 Chairman
F. William Daly '58 Managing Editor
Murray G. Kohnman '58 Business Director
Leland E. Holloway, Jr. '58 Editorial Director
Stephen M. Samuels '59 News Director
David W. Packer '59 Sports Director
George E. Glen '59 Photography Director

NEWS BOARD

David W. Packer '59 Associate
Glen W. Zeiders '59 Assistant
Robert M. Soli '58
W. Fred Crewson '60
Gus A. Pettit III '60
Jon Wigert '60
Ranjit Puri '60
Carl Swanson '60

MANAGING BOARD

F. John McElroy '59 Associate
John Stevenson '60, Night Editor Alfred Kniaseh '59, Night Editor

BUSINESS BOARD

Ken Reinschmidt '60 Advertising
Alberto Velaschaga '59 Circulation
Stephen J. Sachs '59 Sales
Peter Silverberg '60 Treasurer
Charles Rook '60
Don Wilen '60, Asst. Cir. Mgr. Dave Silverman '60
Bill Heess '59, Office Manager

PHOTOGRAPHY BOARD

Louis R. Nelson '59 Associate
Justin Kreuzer '60 Associate
Jerry Milgram '60
Malcom Fraser '60
Joe Palmer '60
Bill Heess '59
Phil Fauchald '60
Dave Cahlander '59
Linda Greiner '60

EDITORIAL BOARD

Stewart Wilson '59 Associate
Warren Heimbach '59
Chuck Eckert '60
Allen C. Langord '58
Patrick J. McGovern '59
Thomas N. Margolis '59
Mark Weissman '60

SPORTS BOARD

Abe Feinberg '60 Associate
Lenny Spar '60
Bill Widnall '59
Len Tenner '60
Ernesto Macaya '60
Hank Piehler '60
F. Thomas Bond '58

STAFF CANDIDATES

Stan Yukon '61
Carl Brown '61
Bob Knighten '61
Paul Klarreich '61
Peter Kraus '61
Bob Solem '61
Tom Stimson '60
Bruce Barden '61
Paul Robertson '61
Sid Magee '62
John F. Arens '61
Larry M. Ayres '61
Otis M. Cummins, Jr. '61
Charles D. Franzblau '61
Gordon R. Gilbert '61
Shashi K. Gulhati '61
Harry Baya '61
Seth Goldstein '61
Paul Hogle '61
John Bourke '61
Jerry Weingart '61
Manuel Blum '59
Frank Lane '61
William Barrett '61
Marla Moody '61
Edmond Berger '61
Joseph Harrington, III '61
George C. Harrison, III '60
Richard Hartman '61
Joseph F. Martins '61
Robert A. Solem '61
Jeffrey I. Steinfeld '61
Arthur C. Traub, Jr. '61
Joseph Harrington, III '61

Letters

To the Editorial Director, *The Tech*:

Many students have expressed interest in a new literary magazine on the campus. We are making an attempt to publish one which we feel will be an asset to the MIT community. *Arabesque* will be the name of the publication and, because of many questions from students we feel that an outline of the material we want is necessary.

Any type of verse, fiction, literary criticism or philosophical dissertation of high calibre will be considered for publication. We urge all interested students to submit their manuscripts, old or new, and preferably before November 27. The address is either Box 2320 or Box 2200, Baker House. By dropping an addressed envelope in an Institute mail box your material will reach *Arabesque*.

We must emphasize the fact that our first issue will not appear unless a sufficient amount of interest material can be found. This depends upon the students, undergraduate and graduate.

Sidney Altman and John Gintell,
Co-chairmen, *Arabesque*

review

The Young Stranger, new arrival at the Kenmore, has its good moments and its bad. The rather weak plot tells of Harold Ditmar (James MacArthur), a highschool boy and son of a wealthy Hollywood movie producer (James Daly), who gets into trouble by annoying a patron of a movie theatre, getting bodily thrown out, and finally bopping the manager on the nose. Poppa Ditmar pulls some strings to get Hal out of a charge of assault but makes life at home rather difficult for him. The trouble is that Poppa doesn't believe Hal's story about hitting the manager in self-defense. Hal is very upset by this and so goes to ask the manager to tell his father the truth. However, the manager tries to remove Hal from his office and so—Hal bops him again. Finally the truth comes out and everyone is made happy (except the manager who has a pretty sore nose).

The conflict actually centers around the father who has failed to give his son the love he needs. There is only a superficial relationship between father and son because producer Ditmar devotes so much of his time to making

movies. There seems to be a barrier between them which is expressed by the father when he says—"I don't know him. How do you speak to him?" Similarly, there is the same sort of barrier between Hal's mother and his father.

The presentation of these conflicts is quite artistic and it is only in the attempted resolution of them that the movie fails. The fact that Hal is up against a barrier, not only with his father but in everything he does, is shown by many pictures of fences such as the one around the house of a friend who isn't allowed to associate with Hal because he is a "bad influence." We even see one barrier which Hal must face every day—the sticky door of his car. The superficiality of Hal's relationship with his father is developed by many references to clothing and appearances in general which tend to emphasize the fact that the relationship lacks substance but has only appearance or "outside." This is obvious in a scene where Hal's father pulls out a long rack of jackets (the rack coming between the two—another barrier) and makes Hal put one on. Hal at school wants a car so as to make a good appearance. Also Hal's father is in the movie business and much of the action takes place in a movie theatre—movies also emphasizing appearance or what one sees. The barrier between Hal's father and mother is nicely presented in the dinner table scenes where the couple sit at opposite ends of a long dinner table.

The movie's main failure is at the end when all of a sudden things seem fine and dandy again. It is hard to believe that all the intricate problems which were presented would vanish when Mr. Ditmar learns the truth, but this is exactly what seems to happen as the movie ends on the smiling faces of Hal and his Dad. Oh well, maybe all the conflicts were superficial. In spite of this fault and some weak spots in the acting, the movie is well worth seeing especially since a beautiful short on Picasso accompanies it.

—Thomas N. Margulis

college world

The air was chill, but damp and heavy with fall leaf smell. Near the streetlight, brown and yellow and red dropped from trees, slow, untouched by the stillness. And the trees and the light were imaged in the glazed mirror: street. A shadow, breathing frosty clouds, crept out of the darkness and paused, at the edge of time.

The first shot cut through the scene and twanged off the edge of the building. Nothing moved, and then the figure darted back into night, followed by the bitter crackle of gunfire. Dat—dat—dat—dat. Then three men pursued the shadow to the building. "There!" one of them cried, and they dashed off after their man. For a while afterwards, frustrated shooting interrupted the silence, then faded.

* * * * *

Every window was blanketed, and a haze of cigarette smoke filled the lecture hall. Intermittent murmurs broke the hush as a tall policeman stood up to speak. A maroon and grey scarf hung lazily off his shoulder. "You sophomores must rise to the cause!" he screamed. "Now! Only an hour ago our men near Runkle cornered special agent Meadowbrook of the freshmen. He escaped, but we know he's got it under his coat. Men, we've forty-five minutes to get him; and if midnight finds us without the Shaft, it's ruination for you and the force! All right, cat 'em up!" A high-pitched roar pierced the haze, and the sophomores charged out for the kill.

* * * * *

Across the river, a bell tolled eleven-thirty. The streetlight was shattered now, but the long beams of many searchlights glared at the lower level of Walker. Broken glass covered the ground, and persistent sophomores filled the windows with bullets. Occasionally, students with pistols or hand grenades attacked the lone fighter trapped in *The Tech* offices. But, a sure shot, he had sent all back to the protective darkness. Suddenly a loudspeaker blared forth: "Meadowbrook, we know you've got the Purple Shaft with you. Come and hand it over, and you won't get hurt." The searchlights converged upon one window. A small white cloth appeared, and after it the tall form of agent Meadowbrook. Collar turned up, his coat hid a long, thin object. Breathlessly, the enemy waited as the freedom fighter hunched his shoulders and glanced at his watch: 11:58, then walked toward the loudspeaker.

A machine gun shocked the night in nervous beats. The man stood instantly erect, then crumpled heavily onto the street. People rushed to him, anxious for victory. The policeman brushed away a tear of exhaustion with his scarf and knelt, supporting Meadowbrook. "You hadn't a prayer, varlet." He pulled open the coat, and there, damp with freshman blood, was Meadowbrook's t-square. The stunned crowd lapsed into silence as Meadowbrook smiled weakly and said, "Sucker, what you're looking for is safe in Baker now. It's midnight, and we have won! I've given my life for the Shaft . . .

—Sid Magee '61

NOW is the time
for WINTER-LONG PROTECTION
against FREEZE-UPS
Get your PRESTONE and ZEREX
AT THE
TECHNOLOGY COOP



SCIENCE MADE SIMPLE: No. 1

Though this column is intended to be a source of innocent merriment for all sexes and not to concern itself with weighty matters, I have asked my sponsors, the makers of Marlboro, whether I might not, from time to time, use this space for a short lesson in science. "Makers," I said to them, "might I not, from time to time, use this space for a short lesson in science?"

They agreed with many a kindly smile, the makers of Marlboro, for they are the most agreeable of men. Their benevolence is due in no small measure to the cigarettes they smoke, for Marlboro is a cigarette to soothe the most savage of breasts. I refer not only to the flavor which, as everyone knows, is a delight to the palate, but also to the Marlboro container. Here is no fiendishly contrived device to fray the fingernails and rasp the nerves; here, instead, is a flip-top box that opens like a charm, and inside you find a handy red tape to lift out the cigarettes with ease and dispatch. Add to all this the best filter ever made, and you can see that you get a lot to like.

Let us begin our series of science lessons with chemistry. It is fitting that chemistry should be the first, for it is the oldest of sciences, having been discovered by Benjamin Franklin in 468 B.C. when an apple fell on his head while he was shooting the breeze with Pythagoras one day outside the Acropolis. (The reason they were outside the Acropolis and not inside was that Pythagoras had been thrown out for drawing right triangles all over the walls.)



They had several meetings outside the Acropolis, but finally Franklin said, "Look, Pythagoras, this is nothing against you, see, but I'm no youngster anymore and if I keep laying around on this wet grass with you, I'm liable to get the backbone fever. I'm going inside." Pythagoras, friendless now, moped around Athens for awhile, then drifted off to Monaco where he married a girl named Harriet Sigafos and went into the chuck-a-luck business. (He would certainly be forgotten today had not Shakespeare written "You Know Me, Al.")

But I digress. We were beginning a discussion of chemistry, and the best way to begin is with fundamentals. Chemicals are divided into elements. There are four: air, earth, fire, and water. Any number of delightful combinations can be made from these elements, such as firewater, daron, and chef's salad.

Chemicals can be further divided into the classes of explosive and non-explosive. A wise chemist always touches a match to his chemicals before he begins an experiment.

A variety of vessels of different sizes and shapes are used in a chemistry lab. There are tubes, vials, beakers, flasks, pipettes, and retorts. A retort is also a snappy comeback, such as "Oh, yeah?" and "So's your Uncle Oscar."

I have now told you the most important aspects of chemistry, but there are many more—far too many to cover in the space remaining here. However, I am sure there is a fine chemistry lab on your very own campus. Why don't you go up some afternoon and poke around? Make a fun day out of it. Bring ukeleles. Wear humorous hats. Toast frankfurters on the Bunsen burners. Be gay. Be merry. Be loose . . . For chemistry is your friend!

© Max Shulman, 1957

The makers of Marlboro, who bring you this column regularly, are tobaccoists, not scientists. But here's an equation we do know: Marlboro plus you equals pleasure.

Six Contests To Be Featured In All Tech Sports Day Debut

This Saturday marks the starting of a new MIT tradition—All Sports Day. From ten a.m., when the start-gun will send MIT and Dartmouth crews racing down the Charles, to late in the afternoon, MIT students and their J.P. Week-end dates will get a chance to see all the top sports in action. The undefeated soccer team will meet underdog Coast Guard Academy; the intramural All Star Football team will play last year's champions, SAE; the fast improving Rugby team plays Dartmouth in a return battle that should be a thriller; our famous sailing crews will try for another win in the Schell Regatta on the Charles; and the track men will participate in inter-squad meets.

To Fill Field Day Void
All of these events team up to give MIT an unprecedented day of ath-

letics. It was initiated by the Athletic Association for several reasons. With the elimination of Field Day, a void was left in the fall program. Tech can have no "homecoming celebration", but the AA felt that it could have something comparable in a day such as it has planned, a day in which a spectator could have a concentrated chance to see the full array of MIT athletics. "This," said AA President Dan Holland '58, "coupled with the JP affairs will give the MIT student one of the best week-ends possible."

Jazz At Luncheon
In the spirit of the day, the AA has planned a luncheon in the cage—which may well be the largest congregation of MIT students for this year. Over 800 tickets have been sold to the affair, and the crowd is expected to run over the thousand

mark. Each living group will sit together, at a table marked with their own unique "decoration". Music will be provided by a student jazz combo.

The spectators should have little or no waiting time during the day. Between the halves of the Intramural football game, the frosh track team will run inter-squad races; and between the football and soccer contests the varsity runners will stage like contests.

Two Rugby Games
Two rugby games will be held, as the MIT and Dartmouth first and second strings tangle. The first team game will start at 3 p.m., and the second string game will probably begin soon afterward, although the exact starting time has not yet been announced.

Probably the most interesting

event will be the touch football game, with the Intramural All Stars meeting the SAE's. The All Star team is picked by having each team participating in the program submit an "all opponent" roster, from which the results are tabulated. Herb Johnson '58, in charge of the selection announced this year's All Stars Sunday night. They are:

Walt Ackerland '58—B	Phi Delta
Emil Wright '58—L	Phi Delta
Chuck Conn '60—LB	Sigma Nu
Marty Goldstein '58—E	TEP
Warren Goodnow '59—E	Beta
Tim Russell '59—B	Beta
Dan Holland '58—B	Delta
Joe Tims '58—L	Delta
Chuck Hughes—BE	Grad House
Nick Hurst '60—BE	Theta Chi
Scott Loring '57—L	Theta Chi
Chuck Ingraham '58—B	Fiji
John Irwin '58—L	Fiji
Mac Jordan '58—EB	Sig Epsilon
Fred Morefield '57—L	Sigma Chi
Jack Fogarion '61—B	Sig Epsilon
John Roberts '61—E	Phi Beta
Rudy Segovia '58—EB	Baker
Dick Sherman '58—L	PSK
John Summu '61—L	

A MESSAGE TO THE SENIOR WITH TOMORROW ON HIS MIND

Melpar's sure, swift growth during the past eleven years — we have doubled in size every 24 months — is due, in large part, to the outstanding performance of our engineering staff.

As a leading R & D organization, we are constantly called upon to perform tasks which have never been done before. Thanks to the creative talent which forms the backbone of our organization, we have grown rapidly both in stature and size. Members of our staff have enjoyed similarly rewarding growth.

Performance Determines Advancement. Individual recognition is a fundamental policy at Melpar. Each engineer is advanced on the basis of his performance. The average age of our engineering staff (one of the industry's youngest) and the rapidity of growth of above-average staff members, are clear indications of what Melpar's individual recognition policy can mean to you.

Project Teams. As a Melpar staff member you will enjoy the opportunity to participate in entire projects, from conception to completion of prototype. Our project team basis of organization gives you the satisfaction of seeing your own efforts materialize, and helps you acquire experience essential to eventual managerial responsibility.

Fine Living Conditions. Melpar laboratories are located in choice suburban areas near Washington, D. C. and Boston, Massachusetts. These areas were selected because of their proximity to outstanding educational, cultural and research facilities. Fine housing in all price ranges is readily available.

Facilities. Melpar offers complete facilities for creative research and design. Our headquarters laboratory near Washington, D. C. encompasses 265,000 air-conditioned sq. ft., is ultra modern in design and equipped with an eye to both future and present needs.

BECAUSE OF OUR WIDE DIVERSIFICATION, OPENINGS EXIST IN VIRTUALLY ALL PHASES OF ELECTRONIC RESEARCH AND DEVELOPMENT.

- Financial assistance is extended for advanced study at any of the fine universities in the Washington, D. C. and Boston areas.
- Qualified candidates will be invited to visit Melpar at company expense.

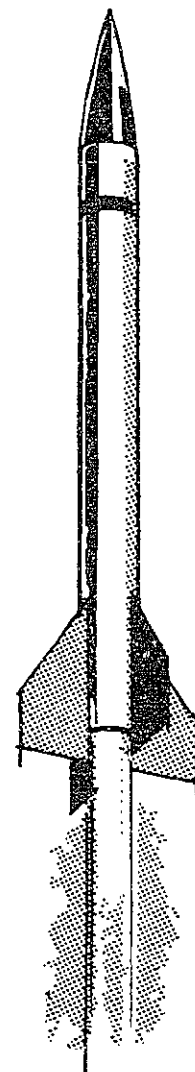
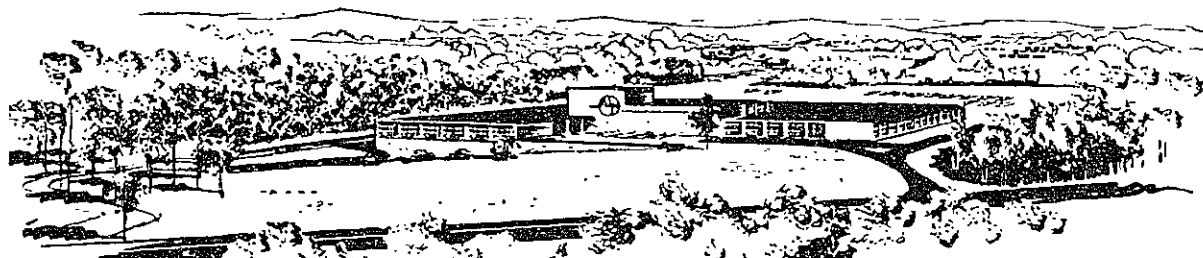
For Detailed Information about Openings and Living Conditions, Write to: Technical Personnel Representative



MELPAR Incorporated

A Subsidiary of Westinghouse Air Brake Company

3000 Arlington Boulevard, Falls Church, Virginia.



MELPAR Representative on Your Campus

FRIDAY NOVEMBER 1

To secure an appointment with the Melpar Representative on these dates, contact your Placement Office today.

SPORTS DAY COMMENTS

Dan Holland '58, President of the Athletic Association:

"We hope that All Sports Day will fill the void in the fall MIT program. We are doing everything in our power to make this a big day; a day during which the spectators will have a concentrated chance to see the Tech teams in action."

Bob Jordan '58, IFC President:

"This is certainly a step in the right direction to give MIT a Fall Day. We hope that this stride forward will give a focal point to MIT fall activity."

Richard L. Balch, Director of Athletics:

"The AA has come up with a wonderful idea, and it adds a great deal to the purpose of both our varsity and intramural sports program."

Annie Amstutz '58, Undergraduate Association President:

"The AA is doing a lot of work in preparation for this day. The way it looks now this will be a big asset for JP Weekend."

ALL SPORTS DAY PROGRAM

Saturday, November 2

- 10 a.m.—Crew, MIT vs. Dartmouth on the Charles River with the finish in front of the MIT Boat House.
- 1:15 p.m.—Touch Football, SAE vs. Intramural All Stars on Briggs Oval.
- Phi Beta Schell Sailing Regatta on the Charles.
- 2:30 p.m.—Varsity Soccer, MIT vs. U. S. Coast Guard on Briggs Field.
- 3 p.m.—Rugby, MIT vs. Dartmouth on Briggs Field.

WTBS Announces Program Schedule

MONDAY through THURSDAY

- 5.00 Caravan of Music
- 6.00 Music in Modern Jazz Workshop (Alternating)
- 7.00 Lucky Strike News
- 7.15 Beaver's Best
- 9.00 Light Classical Interlude
- 10.00 News, Sports and Weather
- 10.10 Concert Hall
- 12.00 Sign Off

THURSDAY ONLY

- 8.00 to 8.05 Around the Town
- 8.30 to 9.00 WTBS Campus Forum

FRIDAY

- 5.00 Caravan of Music
- 6.00 Strictly Instrumental
- 6.45 Around the Town
- 6.50 Strictly Instrumental
- 7.00 Lucky Strike News
- 7.15 Beaver's Best
- 9.00 Light Classical Interlude
- 10.00 Friday Night Owl
- 11.00 News, Sports and Weather
- 11.10 Night Owl
- 2.00 Sign Off

SATURDAY

- 6.00 Echoes of New Orleans
- 6.30 Jazz Workshop
- 7.00 Lucky Strike News
- 7.15 Here's to Veterans
- 7.30 Saturday Dance Party
- 10.00 Saturday Night Owl
- 11.00 Saturday Sports Roundup
- 11.15 Night Owl
- 2.00 Sign Off

SUNDAY

- 3.00 Sunday Feature Concert
- 6.00 Light Classical Interlude
- 7.45 Sunday News and Sports
- 8.00 Folk Music
- 8.30 Sunday Spotlight
- 10.00 News, Sports and Weather
- 10.10 Sunday Spotlight
- 12.00 Sign Off

New Course To Program Initiated; Hope To Increase Student Interest

The Chemical Engineering Department this year initiated a completely new undergraduate program leading to the degree in Chemical Engineering. Formerly one of the most rigid courses at MIT, it now places almost no restrictions on the student, the third and fourth years being devoted to elective subjects with the stipulation that the student take 60 units of Chemical Engineering and 35 units in Chemistry plus the usual Humanities requirements. Students also take at least 25 units of an integrated professional minor in departments other than Chemistry.

Need For Interest Cited

Professor E. R. Gilliland in an interview for *The Tech* pointed out that the former program was undoubtedly the best possible program for a prospective Chemical Engineer. However, the Chemical Engineering Department, like all departments at MIT, is faced with the problem of sustaining the interest of the students. It was felt that the general lassitude that often follows the fresh-

man year might be eliminated by permitting the student to have a free rein in choosing his courses. Thus the number of required courses has been reduced and the student is allowed to take a professional minor in some other department to supplement his work in Course 10.

While many of the juniors have made "significant" changes in their programs, the people who will be most affected by the change are the present Sophomores, who have filled out tentative schedules of their planned courses of study for the next two years so that some preparation can be made in arranging sufficient sections in the necessary courses.

Fear Avoiding Subjects

One fear of the Chemical Engineering Department is that students will use their freedom to avoid certain subjects. For instance, Physical Chemistry is essential for all Chemical Engineers. Only time will tell whether courses such as this will be avoided by enough people to make this a "required" course.

Secretary Of Labor To Address Industry Relations Conference

To help MIT's Industrial Relations Section to celebrate its twentieth anniversary, Secretary of Labor James P. Mitchell will speak here Friday night. Addressing the conference to be held in Kresge Auditorium with "Looking Ahead in Industrial Relations in the United States", he will conclude a day-long program of speeches and discussions on labor. Other topics will include collective bargaining, manpower needs, and the rights of union members.

The MIT Industrial Relations Section is the third oldest center of its kind in the country, boasting probably the largest Ph.D. program in any American university, and one of the finest undergraduate programs. One MIT book on personnel administration is now used in about 75 universities across the country.

"Not only has MIT in recent years given increasing support to research and education in the humanities and social sciences," said Dr. Charles A. Myers, head of the Section, "but we also feel an obligation to give MIT students some understanding of the human as well as the technological problems of modern industry." As a result about 400 undergraduate engineering students now concentrate their humanities work in industrial relations or psychology.

In addition to its educational program, the Section supports a variety of research and service activities, both domestic and foreign, which have made many notable contributions to progress in the field of industrial relations.



WILBUR JUST WOKE UP TO
THE FACT THAT HE'S IN CLASS!

**KEEP ALERT FOR A
BETTER POINT AVERAGE!**

Don't let that "drowsy feeling" cramp your style in class... or when you're "hitting the books". Take a NoDoz Awakener! In a few minutes, you'll be your normal best... wide awake... alert! Your doctor will tell you—NoDoz Awakeners are safe as coffee. Keep a pack handy!

15 TABLETS, 35c

35 tablets
in handy tin
69c



Set the step
in an Arrow
pin-tab collar

Leaders of campus fashion go for this new idea in collars: the good looks of the tab shape combined with the ease of the eyelet-and-bar fastening. Yours in white, stripes, solids or checks. In broadcloth or new pique fabric, regular or French cuffs. Shirt from \$4.50. Wool challis tie \$2.50. *Cluett, Peabody & Co., Inc.*

ARROW →

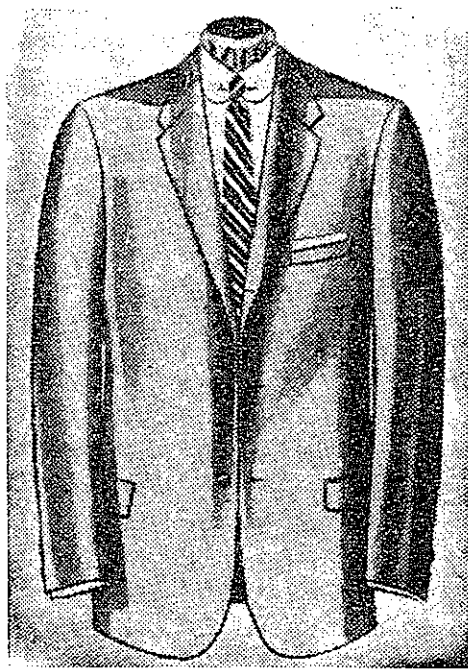
first in fashion

SHIRTS • TIES



IT IS **NEW!**
IT IS **EXCLUSIVE!**
IT IS **AT THE COOP!**

**A DACRON-WOOL MIXTURE
IN FALL AND WINTER SUITS**



79.50

**3 Month Payment Plan
Available**



HARVARD SQUARE

55% DACRON 45% WOOL

● The same mixture you liked in a summer weight suit now available for your year 'round wear.

● Wonderful wrinkle resistance.

● A worsted of the finest texture.

● Fabric construction assures long and satisfying wear.

● Retains the appearance of a freshly pressed suit even after much wearing.

● Choice of blue, brown or gray in the darker shades.

AND ● The price is low.

SEPTEMBER							NOVEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	NOVEMBER 1st						
8	9	10	11	12	13	14	3	4	5	6	7	8	9
15	16	17	18	19	20	21	10	11	12	13	14	15	16
22	23	24	25	26	27	28	17	18	19	20	21	22	23
29	30						24	25	26	27	28	29	30

INGERSOLL-RAND

will interview Senior Engineers on the above date. Your Placement Office has full information on many openings for you with this major manufacturer of compressors, pumps, engines, blowers, vacuum equipment, power tools, and mining and construction equipment. If you would like to design, develop, build or sell things mechanical, come to see us.

WE LOOK FORWARD TO A CHAT WITH YOU!

Coast Guard Edges MIT Cross Country Squad By One Point

Racing over a rugged, hilly course, MIT's cross country team was shaded by one point by Coast Guard Saturday in a triangular meet at New London. The score was Coast Guard 35, MIT 36, Northeastern 52.

For the third consecutive meet, the Cardinal and Gray were paced by Duncan Ewing '58 and Rod Swift '58, who finished third and fourth, respectively. Also scoring were Dan Oliver '60, Howie McDowell '60 and Bob Cooper '59. Ed McCartney finished in front of Oliver and McDowell, but disqualified as MIT had entered too many runners in the contest, only seven being allowed per team.

The Coast Guard Academy course featured sharp inclines and steep, rocky upgrades on a narrow path. Its difficulty was demonstrated by the fact that the winning time, 22:04, normally slow for such a race, was a new course record.

The Freshmen were also defeated, losing to a powerful Northeastern array and to the Coast Guard JV's. Scoring were Brian White, who took second spot, Herb Wegener, Pete Gustafson, Larry Coon, and Dave Carey.

Beaver Barks

Sports Director's comment: Beaver Barks is an editorial column expressing the views of the sports board of The Tech.

by F. Thomas Bond '58

Last Spring, a group of 35 students, representing a trifle over half of the MIT Athletic Association, voted the elimination of Field Day sports. In doing this they destroyed a long-loved tradition; an event which had done more to foster school and class spirit than any other function. Today six months later it is only proper to examine this decision and the results it has brought.

It would be natural for the AA to have sound reasons in making such an important decision. Since the sports (crew, swimming, football, and track) were dropped individually we may best consider each sport individually.

1. **Crew:** Field Day crew was eliminated because it was felt that intensive training toward an early race resulted in the development of poor habits, since it "is impossible to train a crew in such a short period."

2. **Swimming:** Eliminated since the freshmen were cluttering up the pool and getting in the way of Varsity practice, thus hurting intercollegiate results.

3. **Football:** The grid game was dropped because of the cost involved and because some thought it poor for MIT to lose to prep schools.

4. **Track:** The long traditional relay race was dropped simply because everything else was going and this might as well too.

How have these reasons stood up with time?

Crew—The freshman crew which could not possibly be ready for a race by Field Day, will nonetheless race Dartmouth this Saturday, the traditional date of Field Day. Though they will race under restrained conditions, there is no reason whatsoever that these same restrictions could not have been put on a soph-frosh race.

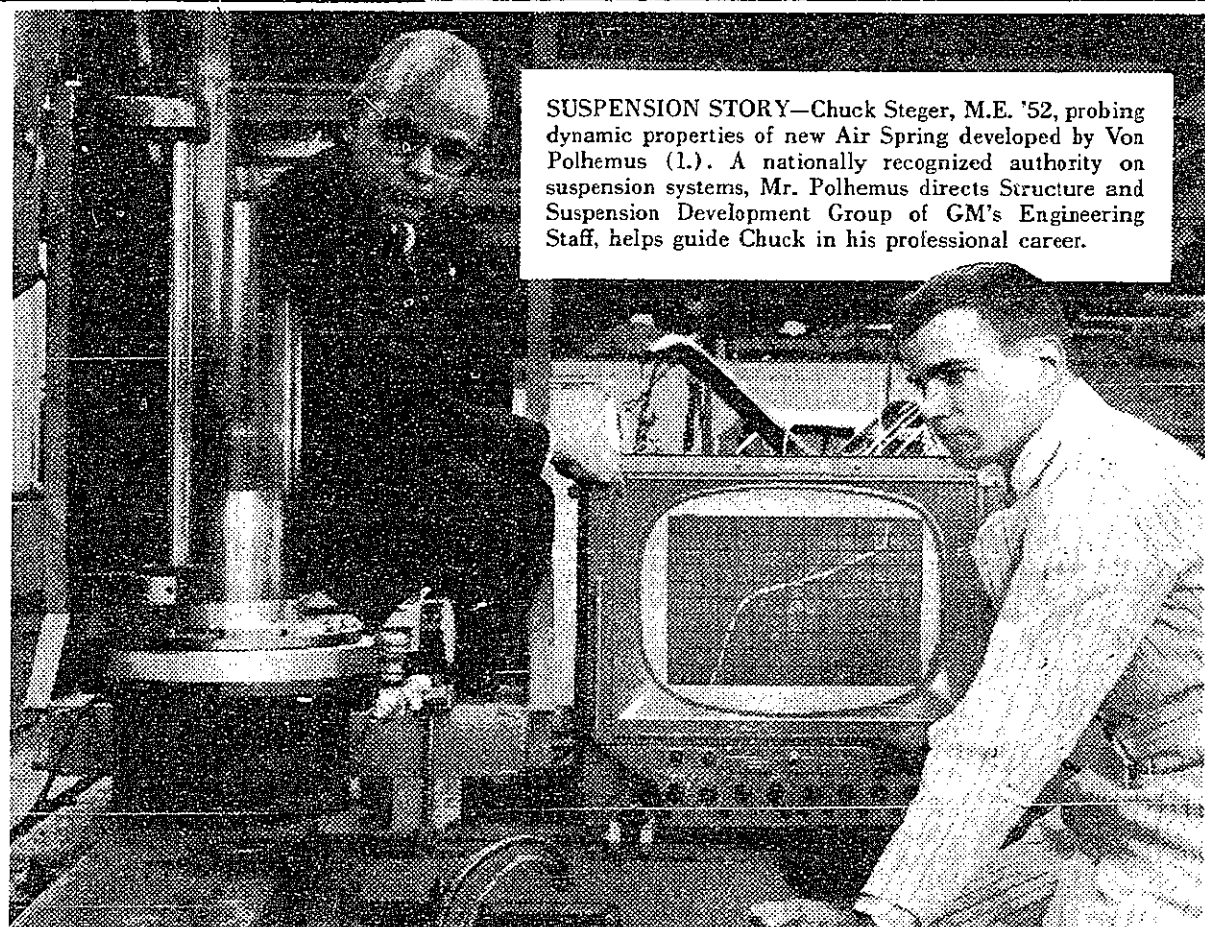
Swimming—MIT was certainly lucky not to have the pool cluttered up this year as the Varsity began practice just this past week. Obviously the 35-50 freshmen and sophomores who would have participated in Field Day would have been an inconvenience to the varsity who wasn't even there until the last week.

Football—Here was the big economy measure—save money by eliminating football. What has the AA done with a large portion of the money it has saved?—voted to give letter sweaters to varsity lettermen. Without arguing the merits of such an award it remains that our economy-minded AA can still find money to try and promote spirit in this manner; why not then in a time tested activity.

Track—Since there will be a relay race as a part of All Sports Day this event has been cut in stature only.

These obvious discrepancies are not the vital things to consider, however. First in our minds must be the ultimate goal of the MIT athletic system. Certainly in the past, and as certainly today (with the exception of the AA), the keyword of our athletic system has been **participation**. Sure, nobody likes to lose, but at a school like MIT we want an athletic system that exists first for the benefit and enjoyment of all students, and second to produce victorious teams. Under this type of system, if a Field Day swimming race is allowing 40 to 50 guys to participate and the only cost is that the swimming team must start practice at the same time as all other winter teams, then the spirited, if not talented, underclassmen get their chance first.

Turning again to participation, nothing in recent years has hurt participation more than the elimination of Field Day. Fifty less frosh are out for crew, at least 10 to 15 less for track, the 30 swimmers and 25 to 30 football men are totally missing. Surely among these men are a few who would have become "first team" and now will never participate at all. There is no argument but that MIT offers one of the finest athletic systems in the country; the question is the orientation of this program. Do we point at an intercollegiate level or at a participation level? Even with an excellent intramural system the absence of Field Day has proved that we lack something, and it's a lot more than the dearth of spirit which has existed this term.



SUSPENSION STORY—Chuck Steger, M.E. '52, probing dynamic properties of new Air Spring developed by Von Polhemus (L.). A nationally recognized authority on suspension systems, Mr. Polhemus directs Structure and Suspension Development Group of GM's Engineering Staff, helps guide Chuck in his professional career.

Because engineering is a profession at GM —we offer you a career—not a job

ONE REASON engineering standards at General Motors are so high is that GM recognizes engineering as a profession. And the men who engineer the many different products made by General Motors are respected for the profession they practice.

That is why, when you are invited to join General Motors as an engineer, you don't simply take a job—you start a career.

It is a career that is rewarding both professionally and financially—starting on your first day of association with General Motors at any one of its 35 divisions and 126 plants in 70 cities and 19 states.

During your early days at GM, for example, you work with a senior engineer who guides your career along professional lines.

You are also actively encouraged to pursue your education towards an advanced degree. For we at General Motors recognize that, in doing so, you will become more valuable to us and the engineering profession.

You are given the opportunity to obtain professional recognition through participation in engineering society forums, presentation of technical papers, winning of patents and other recognition of your accomplishments.

And you are also encouraged to take an active role in your community's affairs—because a truly professional man is a good citizen as well as a good engineer.

All this is for a reason—and a good one.

Many of the men who will fill the key positions at GM in the future are the young engineers joining GM today. This is not theory, it is fact. For 14 of our 33 Vice-Presidents are engineers, 23 of our 42 Division General Managers are engineers, too.

Today we are looking for young engineers—such as you—who may fill these positions tomorrow. The rewards—both professional and financial—are substantial. If you feel you have the ability, write us. It could be the most important letter of your life.

June graduates!

A General Motors Representative will be on hand to answer questions about job opportunities with GM.

OCT. 30, 31 and NOV. 1

GM positions now available in these fields:
MECHANICAL ENGINEERING • ELECTRICAL ENGINEERING
INDUSTRIAL ENGINEERING • METALLURGICAL ENGINEERING
AERONAUTICAL ENGINEERING • CHEMICAL ENGINEERING
CERAMIC ENGINEERING • MATHEMATICS
INDUSTRIAL DESIGN • PHYSICS • CHEMISTRY

GENERAL MOTORS CORPORATION
Personnel Staff, Detroit 2, Michigan



LOVE IN THE LAUNDRY

Last month we got the following letter:

Dear Van Heusen, you rats:

Thanks mucho for breaking up the hottest romance since Scarlet and Rhett. Me and Laundry Mark x428Fy might be honeymooning in Palm Beach today if it wasn't for your so-called smart ideas. Go shoot yourselves in your ulcers. Respectfully yours, Dorothea Jones.

We tracked down the story behind it and found that Miss Jones worked a steam-iron at the Acme Laundry in Eastpox, N. J. Last year, while ironing a shirt belonging to Laundry Mark x428Fy, she had noticed a small piece of paper protruding from the slot on the collar. Curious, she pulled it out and read: "Whoever you are, I love the way you press my shirts. I think I may love you too. Interested?" She blushed, but daringly wrote her answer—"Interested, sorta," and slipped it in the collar-slot. Ten days later came another shirt from x428Fy and, sure enough, another note: "If you can cook like you

can write I may be smitten beyond recall. Fascinated?" This time she almost swooned, and wrote back, "Wow, am I!" Anyhow, note followed hot note and Miss Jones began thinking of turning in her steam iron for a marriage manual. Until one day tragedy struck. x428Fy's shirts arrived as usual, but when Miss Jones turned to the slot she found it *sewn-up*. Frantic, she tried to rip it open. No luck. She could feel something thin inside, but she couldn't get to it. And that's how it's been ever since!

You see, x428Fy had switched to slotless Van Heusen Collarite shirts with *sewn-in stays*! You should, too! These micro-thin stays can't get lost, keep your collar flat, and launder with your shirt! Specify Collarite next time.

And don't feel bad about Miss Jones. She took her unhappiness out in hard work and was promoted to assistant manager. We expect a thank-you note from her any day.

Varsity Boatmen Win Raven Class; Freshmen Sailors Cop Heptagonal

Racing at New London Saturday, the varsity sailors qualified for the NEISA Sloop Championship by capturing the Raven Regatta. Top squads were MIT 37, Yale 27, Harvard 27, WPI 25.

The Raven sloop was skippered by Jerry Slawewski '59. The crew were Jan Northby '59, Charlie Baker '59, and Bob Slusser '60. The Tech sailors took three first places, a second, and a third. In winning, the varsity exhibited their depth as first-stringers Dennis Posey '59 and Bill Widnall '59 rested up for the Schell Regatta on Saturday, and did not participate in the contest.

LEADERSHIP CONFERENCE

(Continued from page 1)

policy", one group concluded that it is their function merely to present the students viewpoint to the faculty—not having any power otherwise. The faculty in this same group greatly lamented the apparent disinterest the students have in talking with the faculty even though the faculty encourages these talks. Along with this the SCEP topic of MIT: a Professional School was presented to one of the discussion groups.

Other questions considered were "Student Morale at MIT", the group

In other sailing action over the week-end, the varsity placed second in the Hoyt Trophy Regatta at Providence on Sunday, defeated by an 11-point margin.

Frosh Win

Leaving six opponents in their wake, the Tech freshman sailors won a heptagonal meet Sunday held at MIT. The top scorers were MIT 86, BC 81, BU 73. The contest was marked by 11 protests.

Sailing in the "A" division were Peter Ray and Bob Palick. In the "B" division for MIT were Edgar Ross and Dave Partlow.

believing that the spirit and energy of the MIT student really isn't as low as some believe, and "Rules, Regulation and Judicial Systems, which dealt primarily with the actions of Judicial Committee. The still present problems of Field Day, Freshmen Orientation, and Communications were also on the agenda of groups. Considering the best function of Institute Committee another discussion revealed a need to change the structure of Institute Committee from a class-living group orientated to a body living group—activity orientated body.

OUTFITTERS FOR PROMS

BROOKLINE FORMAL WEAR

(NEXT TO TEMPLE KEHILLETH ISRAEL)



THE NEW BOLD RED TUXEDO JACKET
NOW AVAILABLE FOR RENTAL
RENT YOUR PROM FORMAL
AT OUR LOW RENTAL PRICES

INQUIRE ABOUT OUR GROUP RENTAL PLAN

OPEN DAILY 9 TO 8 — WED. and SAT. 9 TO 6

392 HARVARD ST. — BROOKLINE — ASpinwall 7-1312

PROBLEM:

*How to get home
for Vacation?*

SOLUTION:

*Fly United Air Lines
low-cost Air Coach!*



Save valuable vacation time and money on thrifty, dependable United Air Lines AirCoach. Fares are low. And seats are arranged for roomy, stretch-out comfort. Convenient schedules. Call or visit your nearest United office or authorized travel agent today.



SENIORS, GRADUATES

IN ENGINEERING, PHYSICS AND MATHEMATICS

MEET THE MEN FROM



AMERICA'S MOST DIVERSIFIED ENGINEERING FIRM

NOVEMBER 8

RESEARCH • ENGINEERING • MANUFACTURING

Electronics Electro-mechanics Ultrasonics Systems Analysis
Computers Automation and Controls Nucleonics Hydraulics
Instrumentation Solid State Physics Combustion Metallurgy
Communications Carburetion Radar Structures

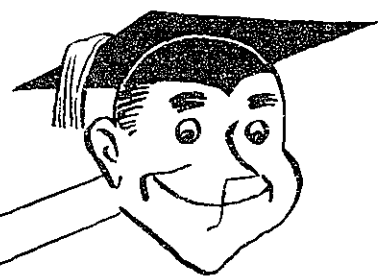
BENDIX AVIATION CORPORATION

Divisions Located Throughout the United States

Executive Offices: Fisher Bldg., Detroit 2, Mich.

EE
ME

Graduate Engineers



DON'T STICK YOUR NECK OUT!

...until you see the
**AC-GENERAL MOTORS
REPRESENTATIVE**

on your campus

October 30-31; November 1

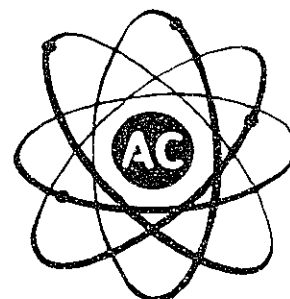
Your Future depends upon Permanent Security. GM's continuous, long-range Design and Development Program in all fields of engineering and manufacturing ... GM's policy of decentralization ... GM's facilities ... GM's working conditions ... GM's wage advantages ... create individual opportunity for advancement and permanent security.

It is why we repeat "Don't Stick Your Neck Out" until you see the AC representative.

CHALLENGING OPPORTUNITIES IN

- Avionics
- Computers
- Jet Engine Fuel Controls
- Inertial Systems
- Missile Guidance

Please contact your Placement Director today to arrange for interviews with AC-General Motors recruiting representative



AC SPARK PLUG
GENERAL MOTORS CORPORATION
MILWAUKEE 2, WIS.

THE ELECTRONICS DIVISION
FLINT 2, MICH

AN ENTHUSIASTIC STORY OF THE WORLD TODAY!

STARRING JAMES MACARTHUR

The Kenmore Theatre has played many fine pictures in recent years . . . out of the ordinary films . . . Academy Award winners . . . long-run triumphs . . . but never in our experience has any of them aroused advance interest to compare with "The Young Stranger"

THE YOUNG STRANGER

NEW ENGLAND
PREMIERE
OCT. 25

with KIM HUNTER and JAMES DALY

KENMORE

Bushleaguer

Betas, Baker, 5:15 Club, TEP, Win Titles

Freezing weather failed to stop the MIT intramural football squads this weekend, as four more league championships were decided: Beta Theta Pi, Baker House, 5:15 Club, and Tau Epsilon Phi winning the titles in Leagues II, VI, VII, and VIII respectively.

League II

Dominating the offense throughout the entire game, Beta Theta Pi blanked Delta Upsilon 22-0, last Sunday.

The first score of the game came in the second quarter when the losers'

Pete Loveless '61 stepped out of his own end zone while attempting to punt, thus giving the Betas a 2-0 edge. A few moments later the victors' Rob Cross '59 completed a touch-down aerial to Warren Goodnow '59.

After the versatile Cross was shaken up in the third period, freshman tailback Gordon Gilbert stepped right into his shoes and hit Tony Aldrich '60 for the Betas' second t.d. The League II titlists racked up their final tally when Phil Robinson '61 snatched a pass out of a defender's hands and scampered into the end zone.

In the league's other encounter, a battle to avoid the cellar was won by Phi Kappa Sigma, who downed Sigma Alpha Mu 12-2.

League III

The Alpha Tau Omega-Sigma Phi Epsilon contest Sunday ended with the ATO's ahead 7-0, after three periods of play, when the game was called because of darkness, to be completed later this week.

League VI

Fighting all the way, a scrappy Phi Kappa team of gridders avenged a previous defeat by downing Lambda

Chi Alpha 6-0, on Saturday.

The victors of the above game earned the right to meet Baker House for the league title Sunday. In that tilt, a rock hard defensive line for the Bakers proved the difference as the Phi Kapps were edged 6-0. The game's lone score came early in the second quarter when Marv Alper '59 completed an aerial to Ron Rosenberg '59.

League V

Theta Delta Chi upset previously unbeaten Phi Mu Delta 13-6, to tie them for the league lead. The two squads will face each other next weekend for the title.

With a chance to tie for the league honors, Phi Beta Epsilon dropped a 13-0 decision to Delta Kappa Epsilon.

League VII

Blanking the opposition for the third straight time, 5:15 Club rolled over Chi Phi 26-0, while Theta Xi crushed Grad House Dining Staff 27-2 in the other contest.

League VIII

Tau Epsilon Phi trounced Phi Sigma Kappa 20-0 to break a deadlock for the crown.

MAKE YOUR SELECTION OF the TECH
OLD SPICE at . . . COOP



New!

Old Spice
SHAMPOO FOR MEN

IN UNBREAKABLE PLASTIC!

Formulated for a man's hair and scalp.
Conditions while it cleans. 1.25 plus tax

SHULTON
New York • Toronto

MIT Yearling Booters Win, 1-0; Marques's Goal Defeats Windham

Playing almost the entire game on their opponents' half of the field, an aggressive MIT freshman soccer team downed Windham College 1-0, on Briggs Field last Saturday.

The first half of the encounter witnessed mid-field play for the most part, while both squads had trouble developing an offensive threat. However, what little scoring opportunities there were, were presented to the Engineers.



A hard charging, Beaver yearling forward dribbles downfield while the Engineers were enroute to a 1-0 triumph over Windham College.

Outstanding for the Beaver yearlings during the early part of the contest was right halfback Don Twyman whose booming kicks kept the visitors bottled up in their own half of the field.

The third period action resembled that of the opening half, but there was a definite change of pace occurring; the play was moving closer and closer to the losers' goal. In the final session, the Techmen camped on the opposition half of the field and launched repeated attacks on goal, but they missed the twines until two minutes remained. At that moment, inside left Arturo Marques, while in the midst of a melee of booters directly in front of the Windham nets, blasted the sphere into the upper left hand corner of the goalposts to bring victory to the Cardinal and Gray.

Other stalwarts for the victors were Guillermo Van Oordt, right inside, John Vleck, right wing, and Dick Nivala, left wing. The brilliant performance of the forward line was evidenced by the fact that Tech netminder, Jean-Pierre Frankenhuis had to make only four saves during the entire contest, three of which were routine.

This Friday, the yearling booters take on Tufts at 3 p.m. on Briggs Field, looking to improve their record of two wins, one loss and two ties.

ATTENTION FROSH CAGERS

First Basketball Practice and Rally to be held in Walker Memorial Gym, Friday, November 1, at 5:15 p.m.

LIGHT WEIGHT TROPICAL WORSTED TUXEDOS FOR HIRE

\$6.00

Plain or pleated pants
All outfits of Top Quality in
the latest styles

Open Monday night till 8:30 p.m.

CROSTON & CARR

Gentlemen's Clothiers

72 SUMMER STREET, BOSTON
HAncock 6-3789

LAST CALL
FOR
APPOINTMENT



BURROUGHS CORPORATION

a worldwide leader in the manufacture of business machines, electronic computers, data processing systems and other electronic equipment for both industry and defense . . .

**WILL OFFER YOU EXCEPTIONAL
CAREER OPPORTUNITIES HERE ON**

OCTOBER 31, 1957

See or phone your college placement
office now for your appointment.

Engineers



Exceptional opportunities for men with a BS, MS, or PhD in Ind. Eng., ME, EE, Chem. Eng., Math, or Physics. From the very start, you work on some of today's most challenging problems in ballistic missiles, electronics, computation, data processing, optics, magnetics, communications, and electro-mechanical equipment for defense, business, and industry. Burroughs, with 9 divisions including a research center and 86 plants from coast to coast, offers engineers a wide choice of interesting places to work. Excellent starting salary. Realistic promotion-from-within policy. Professional recognition.

Sigma Epsilon Chi To Meet Saturday

Sigma Epsilon Chi, the Junior Honorary drinking Association, will conduct its next meeting on Saturday afternoon, November 2. The members of the Junior Class of Phi Gamma Delta will host the affair which will begin at 4:00 on Saturday afternoon at the Fiji House at 28 The Fenway.

All members of the Class of '59 and their dates are cordially invited to attend this affair which promises to be one of the outstanding events of JP Week-end. Cocktails, of course, will be served.

WTBS

(Continued from page 1)

Future shows scheduled include interviews with Dr. Killian, Mrs. Laura Fermi, George R. Harrison, Dean of Science, Prof. N. H. Frank, and Professor Harold Edgerton.

Forms will soon be available at the dormitories on which students may ask specific questions to be placed on the show's agenda. In addition, a list of all future programs will be available shortly.

CLASSIFIED COLUMN

FAST, accurate typing done.
Will do thesis.
Call ST 2-6772 anytime.

are you
SELLING Hi-fi equipment
Books

Slide Rules
Bicycles
Bibles
or
Rides

LOOKING FOR
Rooms
Babysitters?

THE TECH announces a new classified advertising policy whereby you can, through THE TECH, reach DORMITORY RESIDENTS, FRATERNITIES, GRADUATES, MARRIED STUDENTS, FACULTY, INSTITUTE EMPLOYEES

Bulletin boards reach only a fraction of the market, but you can cover the institute with a THE TECH classified ad for the low, LOW cost of only 10c per line (min. 2 lines). For ad placement or information call THE TECH On Monday and Wednesday 10-11 a.m.; Tuesdays and Thursdays 12-1 p.m. Phone numbers: TR 6-5856, Institute extension 2731, or East Campus line.

JOB FACTS FROM DU PONT

DU PONT

BETTER THINGS FOR BETTER LIVING
THROUGH CHEMISTRY

OPPORTUNITIES AT DU PONT CONTINUE TO GROW FOR ALL KINDS OF ENGINEERS AND SCIENTISTS

WHERE DO YOU WANT TO WORK?

by
W. R. Galloway
Du Pont
Representative



I wouldn't be entirely realistic if I said that you can choose your job location from Du Pont's 75 plants and 98 laboratories scattered over 26 states. But Du Pont does have jobs open in many of these locations, so there is a good chance that we may be able to match your preferences and qualifications with available openings.

Right now, most of the Du Pont units are east of the Mississippi, but we have plants in Texas and on the Pacific Coast, too. In the past year plants were completed in Michigan, California, Ohio and Georgia. New plants are also under construction in Kansas, Tennessee, Virginia and North Carolina. Perhaps one of these locations has just what you're looking for in a job.

For a complete list of our plant locations, please write to me at E. I. du Pont de Nemours & Co. (Inc.), 2494-B Nemours Building, Wilmington 98, Del.

Career opportunities at Du Pont are greater today than ever before because of the Company's continued growth. In 1957, Du Pont's sales were at the \$2 billion level. Four new plants were being built. New research programs were being launched, and new products were moving into the production and marketing stages. All of these developments tend to broaden opportunities at Du Pont for the young scientist and engineer.

ALL KINDS OF ENGINEERS

Students with chemical engineering and chemistry degrees are needed, of course. But the opportunities are equally great for students majoring in many other fields. And the type of work for these men varies greatly. Among other things:

Mechanical engineers work in re-

search and development as well as in plant engineering and production supervision.

Metallurgical engineers conduct studies in metal fatigue and corrosion and engage in fundamental research into the nature and properties of elements.

Civil engineers have many assignments, including design and supervision of the construction of Du Pont plants and laboratories.

Men studying for degrees in *electrical, mining, petroleum, industrial* and many other specialized fields of engineering will find equally challenging outlets for their talents at Du Pont.

If you're interested in finding full scope for your ability, Du Pont offers you plenty of opportunity.

Du Pont Training Tailored to Individual

Each of Du Pont's operating departments has its own training program because each has special requirements. But both formal and informal programs are tailored to the interests and needs of the individual.

Generally, you go to work on an assignment at once and start learning right away. This headstart on responsibility is an important factor in your progress. Based on your qualifications, you're given one segment of a project to tackle almost immediately. You learn quickly and informally in consultation with your supervisor and other engineers on the same project. This training is supplemented by frequent meetings, seminars, studies of plant operations and procedures.

And since Du Pont is interested in the progress of the individual, your

performance is evaluated at regular intervals by your supervisor. These discussions bring out your strong and weak points and together you work out a program for improvement. This training and evaluation continues year after year as you advance in the Company.

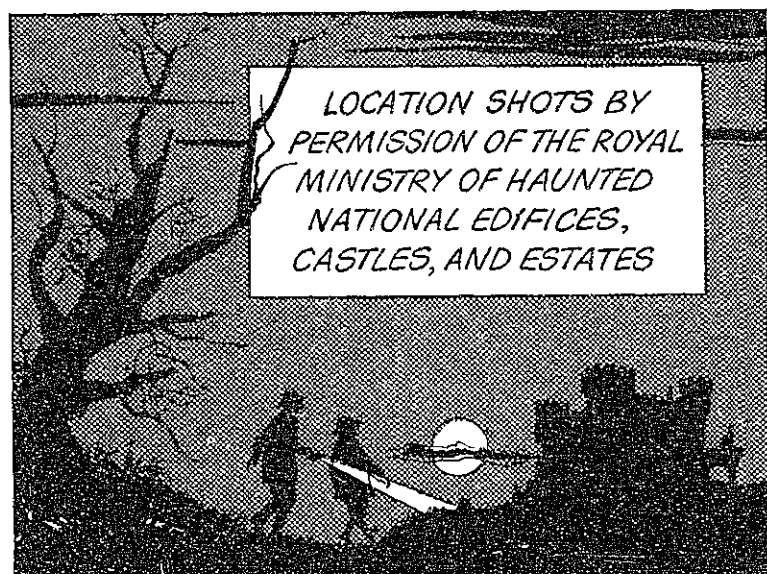
SEND FOR INFORMATION BOOKLET

Booklets on jobs at Du Pont are yours for the asking. Subjects include: mechanical, civil, metallurgical, chemical, electrical, instrumentation and industrial engineers at Du Pont; atomic energy, technical sales, research and development. Name the subject that interests you in a letter to Du Pont, 2494-B Nemours Building, Wilmington 98, Del.

SUPER-WINSTON
PRODUCTIONS PRESENTS

LUKE the SPOOK

The True Life Drama
of a Wisp of Ectoplasm



YOU'LL FIND THE NEW CRUSH-PROOF BOX UTTERLY CHARMING, TOO! ➔

R. J. REYNOLDS TOBACCO CO.
WINSTON-SALEM, N. C.