

Junior Prom Queen contestants to be selected October 26-28

By John Foran

Five girls will be selected as contestants for the title of Junior Prom Queen in voting Wednesday, Thursday, and Friday, October 26, 27, and 28. Entries for juniors' dates will be taken the preceding Monday and Tuesday in the Institute Committee Office, W20-401, on the fourth floor of the Student Center.

Voting will take place in building 10 for all students. The five finalists selected will be judged the night of the Junior Prom formal.

Qualifications for nominees are as follows: (1) Each contestant

must be the date of a junior; (2) a contestant's date must have a ticket for the full weekend; (3) there can be no more than one entry per fraternity and three entries per dormitory; (4) each contestant must have submitted a picture of herself larger than wallet-size, but no larger than five by eight inches.

The queen will be chosen on Prom night by the members of the 1966 Junior Prom Committee. Other entertainment to be featured that evening will be described in next Tuesday's issue of The Tech.

New humanities major offered

By Mark Bolotin

For the first time, MIT students are able to elect a program that will allow them to devote their junior and senior years exclusively to studies in history, philosophy, literature, or music. The program, which marks the start of the Institute's full-scale humanities major, leads to a bachelor of science in humanities and science.

Lamson to head program

According to Dr. Roy Lamson, Professor of English, who is in charge of the new program, aptitude scores during the last few years show that a breed of students is applying to MIT in in-

creasing number who could probably succeed as well in either science or humanities.

Evidence for this lies in the fact that for several years entering freshman classes have been scoring higher in verbal aptitude than freshmen at most liberal arts schools.

A significant number of these students apply to MIT, it appears, simply because of the Institute's high academic standards and the corresponding prestige and authority of its diploma.

Greater freedom

"We proposed the new major because we felt that a university ought to provide a greater freedom of choice to individuals with multiple tastes and talents," Professor Lamson said.

Another group expected to show special interest in the new major, according to Professor Lam-

son, are those who will look increasingly to universities oriented toward science for humanities programs with special relevance to an age dominated by technology.

'Quick lunch'

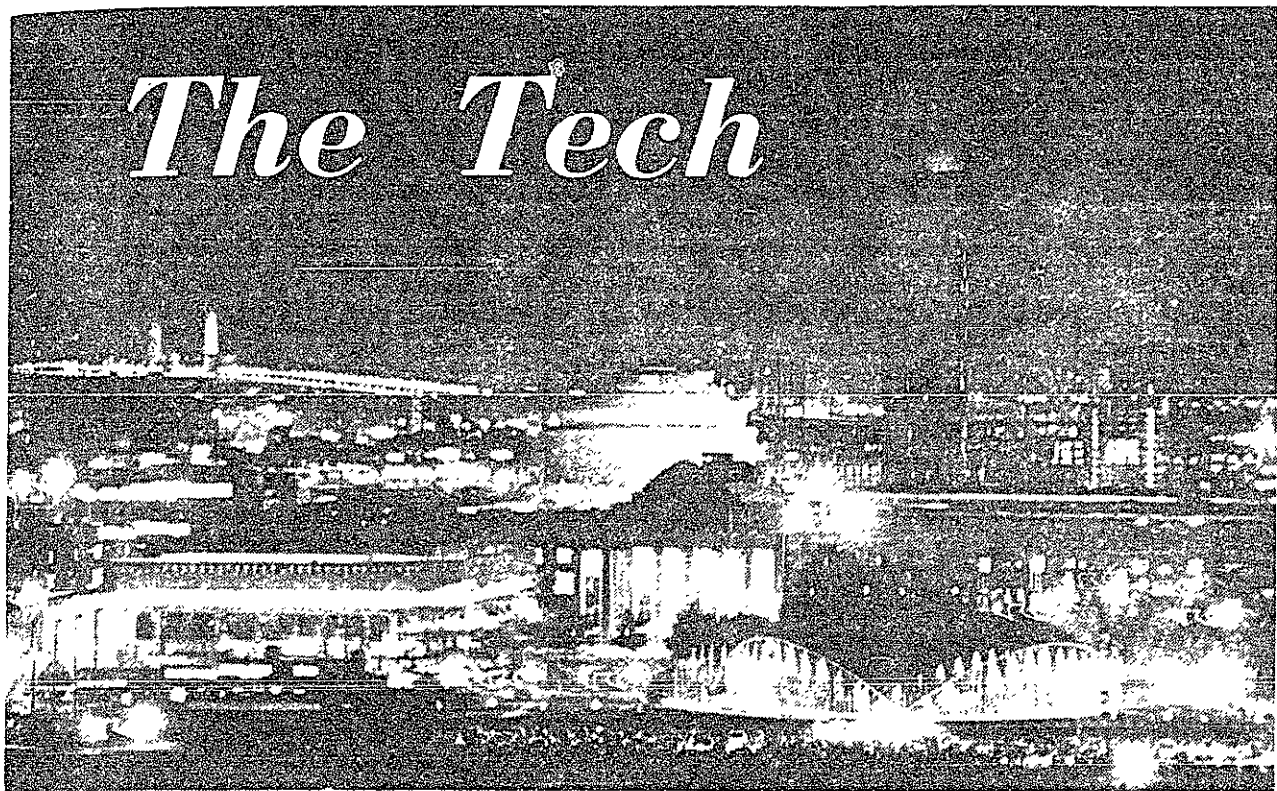
"The absence of a clear-cut major left some prospective applicants with the impression that humanities at MIT was only a quick lunch for scientists in a hurry," commented Professor Richard Douglas, head of the Department of Humanities. He added that "our School of Humanities and Social Science is equivalent in size to the total faculty of a small liberal arts college" and should be viewed, consequently, as an essential part of the Institute.

Previous program

Although it has not been possible for a student to concentrate entirely in a field of humanities, MIT has had a "double major" which enables juniors and seniors to divide their time between humanities and social science and either science or engineering.

About a third of these "double majors" continue on to graduate work in humanities. Another third go on to graduate work in science. A large percentage of the remaining third are pre-medical

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Vol. 86, No. 37

Cambridge, Massachusetts, Friday, October 14, 1966

Five Cents

Housing conference called

By Karen Wattel

Mayor Daniel J. Hayes of Cambridge has sent invitations to both MIT and Harvard for a conference of university and city officials to discuss Cambridge housing needs.

Dr. James R. Killian, Chairman of the Corporation, and Howard W. Johnson, President of MIT, published a joint statement in response to the invitation saying, "We eagerly look forward to participating in a coordinated housing program for Cambridge, just as we have long sought, as in Technology Square, to advance the development of our city."

Cambridge Corporation

Last spring the Cambridge Corporation, a non-profit, privately supported development corporation was formed to assist in developing low-rental housing and to help with other activities of public benefit in Cambridge. Dr. Killian was chosen chairman. MIT and Harvard each gave \$250,000 to the corporation when it was founded.

Some of the problems involved in the Cambridge housing predic-

ament are the proposed belt highway, rapid transit and other construction. Killian and Johnson both place part of the need for more housing on the increasing attractiveness of Cambridge as a place in which to live and work, and the resulting marked increase in real estate values.

Work in progress

Killian and Johnson report that MIT has been "working for months on specific plans to implement its share of the responsibility for helping to solve Cambridge housing needs." More housing for students and staff is both under construction and in the planning stage at MIT and Harvard.

Charles P. Whitlock, assistant for community affairs to Harvard President Nathan M. Pusey, indicated that Harvard also would welcome such a conference. He said, "I think Harvard and MIT would both stand ready to do their fair share." He added that Harvard doesn't technically have any plans for expansion as an institution.

Center for resources

Killian and Johnson feel that

the Cambridge Corporation will be a good center for marshaling both financial and technical resources in dealing with the housing problems. They consider a comprehensive plan essential, however, as well as a 'city-wide effort involving all relevant segments of the community and operating under the leadership of appropriate agencies of the city government."

Two groups of frosh try revised subjects in XXI

By John Corwin

Random members of this year's freshman class are experimentally undergoing two new programs in humanities, designated as 21.01X and 21.01S, Dean Wadleigh announced at a dinner conference Monday night.

Western values

Professor Gurney's course, 21.01X, is entitled "The Crisis in Western Values," and attempts to answer for the freshmen the question of why they should study humanities.

The course has been led off with a series of movies, including 'Breathless,' in which a policeman is shot at the outset, 'How to be First,' the BBC documentary on MIT, and 'The Third Man.' In addition, the freshmen read 'The Stranger' by Albert Camus and the Autobiography of Malcolm X.

The concept of excellence and the study of the development of a community is taught next through the Odyssey of Homer. The course returns to the 20th century at the end with Sartre's 'The Flies' and O'Neill's 'Mourning Becomes Electra.'

The course attempts to deal with the problems of the twentieth century in terms of systems of values. It studies the older civilization in that light, then "brings in the fish with the net."

Archaeology of a city

Professor Steinberg is admin-

istering 21.01S (where 'S' stands for Special, not Steinberg"), entitled "The Archaeology of the City." Students will try to understand how to "read" an entire

(Please turn to Page 5)

Called for Asian tour

Salinger cancels LSC lecture

The LSC lecture by Pierre Salinger, planned for Sunday, has been cancelled. A telegram received by the LSC Tuesday said that Salinger will "be unable to fulfill the speaking engagement Sunday since he must leave that day for Tokyo and Bangkok on urgent business for Continental in connection with President's trip to Southeast Asia." The LSC will reschedule him at the next possible date.

The title of Salinger's talk was to have been 'The Kennedy Year and After,' dealing with his recent best seller, 'With Kennedy,' and his previous trip to Southeast Asia.

Next in the line of speakers to be presented by the LSC this year will be Sen. Wayne Morse (Dem.-Ore.). His speech, entitled 'Trends in American Foreign Policy Around the World,' is expected to reflect his views as adamantly



Pierre Salinger

expressed during the years he has spent on the Senate Foreign Relations Committee. The lecture will be given Mon., Oct. 24, in Kresge Auditorium at 8 pm. Admission is free; however, preference will be given to members of the MIT community.

Clam Bake replaces commons



Photo by John Roderick

Ample food was provided for all at the Clam Bake held on Briggs Field Monday. The main courses were lobster, clam, and shrimp, as well as chicken for those not of the New England proclivity. The Clam Bake was sponsored by MIT commons.

peaks before YR

Sears discusses chances of Republican comeback

By Carson Agnew

State Representative John W. Sears discussed what would be necessary for the Republicans to make a comeback in a talk Tuesday night at a meeting of the MIT Young Republicans in the Vannevar Bush Room. The candidate for the State Legislature from Wards 3 and 5 (the Beacon Hill-North End area) said that readjustments in political philosophy are of prime importance.

"Again and again," according to Rep. Sears, "the old stereotypes of Republican and Democrat are changing." All Republicans are not necessarily in favor of a strong foreign policy, nor a wholly welfareless state. Northern Democrats are not always in favor of massive aid or welfare, or unnecessary spending.

Especially after the election of John F. Kennedy as President, the Democratic party has had a transfusion of new blood from young men who see new ways to correct old wrongs. President

Johnson's problem, Mr. Sears remarked, is that he is no longer getting any new ideas, for the intellectuals have all left Washington and Mr. Johnson himself can only fall back on the ideas of Franklin D. Roosevelt.

Need leadership

New ideas and aggressive management are especially needed in the nation's cities, Mr. Sears added. Over the last decade or more, and for some time to come, the good managerial brains of the country have settled in the suburbs, and devoted their efforts at community service to suburban problems.

Chance for comeback

Only when good men are willing to work in the cities for the cities can things be improved. On local party committees good minds with fresh ideas will have to be found. Here, according to Sears, lies the big chance for the Republican Party to make its comeback. "The Rise of the City Republican" could influence more people in a small area, and eventually overthrow the Democratic control of city governments. "For there are few cities in America which have had more than one Republican mayor in the last century," says Sears.

Mr. Sears feels that, in Boston in particular, the efficiency of government should be increased, while the cost cut where possible. He favors the use of zoning and tax assessments to encourage improvements, and urges that a court to adjudicate landlord-tenant problems be set up.

Local control is especially important, he feels, where it will not impair efficiency, and would have preferred an "Inner Belt subway" to an Inner Belt thruway. He voted to extend local option on the route of the Belt in the last legislative session.

Part time sales representative for national advertising and marketing company dealing with college market. Salary and commission. Phone Mr. Shield at 267-1607.

Postan to partake in Harvard panel

Michael M. Postan, Professor of Economic History at Cambridge University (England) and presently Visiting Professor in the Department of Economics at MIT, will participate in a colloquium on 'Source Materials for Business and Economic History' to be held at the Harvard University Business School from October 20-22.

The colloquium is sponsored by the Baker Library at the Harvard University Graduate School of Business Administration and is supported by a grant from the Samuel H. Kress Foundation.

The aim of the colloquium is to stimulate wider collecting, better availability, and more use of source materials. To aid toward this goal, the following topics have been chosen as focal points for the panel discussions: 'Collecting Policies,' 'Serving Scholarship,' 'Support and Growth,' and 'Common Problems—Cooperation—Action.'

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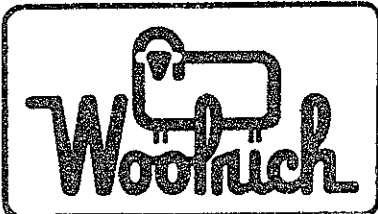
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Major and minor in Humanities required for new XXI-B1 degree

(Continued from Page 1)

students, but many go into business, law, or theology. Still others pursue administration, teaching, science, journalism, or public service.

This large percentage who wish to go into graduate work in humanities provides a third reason for the new major. Many of these students have had trouble finding graduate schools willing to accept students with so little background in the humanities.

Requirements of program

Students electing the new major still have to satisfy the Institute's core requirements in science during their freshman and sophomore years. In the junior and senior years, however, it requires no science at all. Instead, it calls for eight courses in a single discipline and four courses

in a second humanities discipline, which may be chosen from such fields as history, literature, philosophy, visual arts, or one of the social sciences.

The major, labeled XXI-B1, also includes 12 courses of unspecified humanities electives.

The program is presently being offered only to qualified sophomores, but is expected to be a full-scale program next year.

Opening meeting of Tutoring Plus set for tomorrow

Tutoring Plus, a program in which students at MIT, Harvard, Lesley, and Boston University tutor underprivileged Cambridge children, will formally begin its third year with a tutor orientation meeting at 10 am Saturday in room 491 of the Student Center.

Interested prospective tutors are invited to attend the meeting, in which they will be introduced to the physical environment in which they will be working.

By far the Social Service Committee's largest project, Tutoring Plus has been boosted by a recent federal grant, which will enable the program to broaden its scope. It was formally supported by a small core of interested parents.

Russian House plans Game Room reception

The MIT Russian House will sponsor a reception in the Student Center game room November 7 for a group of Soviet scientists visiting MIT and Harvard.

This is one of many activities undertaken by the only independent student housing group at the Institute. Located on Beacon Street, its 17 members, who range from freshmen to graduates, have an independent student government under the advisership of "the little father," L. H. Scott, Professor of Russian at MIT.

The members of Russian House speak only Russian in all room and dinner conversation, and revert to English only when it is required to solve homework problems among themselves. They sponsor outings and dances, and hold exchange programs with Radcliffe, Wellesley, and Mt. Holyoke.

The Russian House also sponsors concerts annually, and this year will host The Yale Russian Chorus. Last winter they organized a concert by the Cantata Singers.



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Academic incest

As the term gets into full swing, the members of the Class of '67, many still dazed from the traumatic experience of corralling a thesis advisor, are being hit with the realization that now is the time to apply to graduate school.

Unfortunately for many undergraduates one highly rated graduate school has no desire to accept any MIT seniors in their field. That misguided school is the Massachusetts Institute of Technology.

Surprising as it may be to some, some undergraduates develop such a fondness for the Institute and its programs during their undergraduate years that they very much desire to work for their advanced degrees here. That desire may or may not be fulfilled, depending in some cases almost exclusively on which field the student decided to concentrate as an undergraduate.

If an MIT senior has a good academic record and majored in some form of engineering he has an excellent chance of being admitted to his departments graduate school. MIT seniors are also welcomed into graduate programs by the Departments of Geology and Geophysics, Food and Nutrition, Industrial Management, and the graduate programs in the School of Humanities.

However if the senior has majored in physics, chemistry, or mathematics, as many MIT students do, he is very likely to find his department passing over him in favor of another student whose record is no better or even less impressive, but who does come from another university.

It strikes us that there is something drastically inconsistent in this behavior.

We have heard two arguments advanced for a department's refusal to accept its own undergraduates into its graduate school. The first is that it's a sign of a weak graduate program when any department starts accepting its undergraduates. The argument runs that a department turns to its own products only when it is unable to attract students from other schools.

This argument is fine when applied to schools with a low grade undergraduate output, but other grad schools seem happy enough to accept the product of MIT's science departments. After all, the Institute likes to talk about the high quality of its undergraduates and surely the major science departments do at least a reasonable job educating their share of these undergraduates. We also wonder how the School of Engineering, which has been accepting its own undergraduates for decades, managed to get itself ranked first nationally among engineering graduate schools.

The second argument advanced for not letting undergraduates attend their departments graduate school hinges on the "academic incest" theory, which, roughly stated is: "Son, you know...all we can teach you, so go somewhere else and listen to somebody else's point of view."

It is undoubtedly true that many MIT undergraduates would be better off attending another university for graduate work. Another viewpoint, another set of people, and even just another town and campus would undoubtedly do many of us a world of good. However it seems that all departments forget this argument at least every third year or so when a really outstanding undergraduate comes along.

So we end up puzzled. Are some MIT departments guilty of harming their undergraduate students educations by incestuously allowing them to attend graduate school here, or are some departments arbitrarily excluding almost all of their undergraduates, even the brightest, because of a vague fear for their reputation?

THE TECH

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Front page photo of MIT taken by John Havekotte

Arts and science

The announcement of a full-scale humanities major at the Institute has undoubtedly caused more than one member of both the faculty and the student body to mutter to himself: "I wish this place would stop trying to be another *\$#* Harvard, and get back to training the best damn engineers in the world."

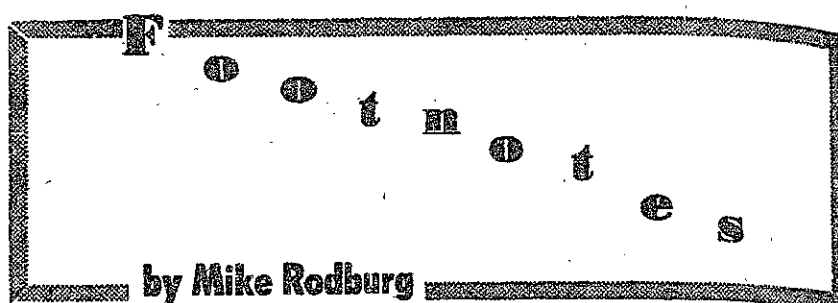
This old-line viewpoint of the Institute's function is of course outmoded, but many reasonable people are concerned about the possibility of the Institute moving into new areas of endeavor so fast that its resources will not be able to keep pace. These men are afraid that hastily conceived majors will not be able to offer the outstanding type of education MIT is known for, and at the same time many of them feel that the effort and money spent in developing full programs in the humanities and social sciences might be more profitably spent in insuring the continued strength of the Institute's traditional technical departments.

However, the new degree program in humanities has some impressive credentials. The fact that a co-major in a field of science and engineering is no longer required is a tribute to the quality of the teaching staff in the School of Humanities and Social Science, a staff that now numbers 149, equivalent in size to the total faculty of many small liberal arts colleges.

At the same time there need be no worry about the number of "Tech Tools" qualified to be liberal arts majors. This year's freshman class had enough verbal aptitude to score a median of 690 on their college boards, considerably higher than the entering classes of most liberal arts schools.

From the undergraduate point of view the new major provides one more option in choosing the academic program best suited for him.

The decision to bring the Institute closer to the concept of a complete university has been made. We are sure MIT's Corporation and administration will now fulfill the Institute's motto by providing the men and the means to make MIT outstanding in both the arts and science.



by Mike Rodburg

100. President Johnson conducted a relaxed, informal press conference for representatives of the Institute's major publications Tuesday. The group met in his office free to range over any particular topic of interest. Asked if he had enjoyed the inauguration, the President replied that he had had a good time, better, in fact, than he thought possible.

Some of the topics covered in the hour and one-half discussion included the Inner Belt and MIT's commitment to the Cambridge community; the housing shortage and the solutions now underway; the difficult decisions involved in the problem of tenure at the Institute; the new liberalization and stress on the humanities at MIT; and the rising cost of college tuition.

Of the last of these, the President remarked that he hoped no one in the class of '70 would see a tuition rise as undergraduates, but with the pressures of inflation we are now experiencing...

All in all, it proved a worthwhile and informative discus-

sion. President Johnson indicated that he would be agreeable to further press conferences of this type, and we think it is an excellent idea.

101. The Center for Materials Science and Engineering was one of five designs awarded prizes from the New England Region of the Council of the American Institute of Architects. The design is on display on the Sturbridge commons as part of its annual conference.

102. MIT has received \$272,472 as part of a federal grant for general clinical research given to six Boston area hospitals and universities, including Harvard, Boston City Hospital, and New England Medical Center Hospital.

103. Professor Harold Edgerton, while engaged in mapping the Boston area ocean bottom with sonar, discovered a small hill beneath the sediment between Marblehead and Boston. The hill rises nearly 125 feet below sea level, starting over 131 feet below. It has been dubbed Mt. Shrock.

Inside Inscomm

Mammoth conference planned by Inscomm for spring 1968

By Frank March, UAP

By Frank March, UAP
Do you remember the 'Urban Challenge Conference'? Now, planning has begun for another conference of this magnitude to be held at MIT in the spring of 1968. A committee will be chosen to determine if such a conference is feasible and, if so, to pick the topic for the conference.

1968 Conference

Although these are the only formal objectives for this committee, it is possible that if the topic is accepted by the Institute Committee, the committee might also begin planning the conference. It is necessary that the committee be chosen at this early date because funding for the conference must be accomplished by next summer in order to take advantage of large foundation grants.

The committee and its chairmen will be chosen by the Executive Committee of Inscomm. Anyone interested in running should sign up for interviews before Tuesday, October 25, in the Inscomm Office.

SC Conference

The Student Center Committee

is now making final plans for attending the Region One Student Center Conference. There, mutual problems of Student Center administration and planning will be discussed with representatives of other colleges in New England which have student centers. In addition, the Student Center Committee plans to make a bid to have next year's conference here at MIT, to let other universities see our Student Center.

Open House

Ed Seykota, newly elected Open House Chairman, has asked that anyone wishing to work with the Open House Committee please contact him at East Campus or leave your name in the Inscomm Office (even if you have previously signed up in the Inscomm Office).

Several people have asked that the Inscomm phone number and my home phone number be printed in this column. The Institute Committee has four numbers, x3680, x2696, 547-3086, and d19-798. I may be reached in the evening at x2857, 876-0219, and d19-781.

Letters to The Tech

Shoo fly pie

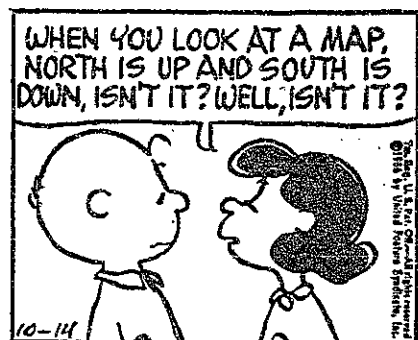
To the Editor:

Lately we've been sharing our none-too-large servings in Lobdell with an increasing number of flies. The little buggers are abundant in both the serving and dining areas, and they get first taste of the trays, silver, food, drink, glasses, water, money, condiments tables, chairs, salt,

pepper, sugar, napkins and air. We're not sure what good Mr. Lobdell died of ('... gave his whole life to MIT...') but...

We have tried putting suggestions in the Suggestion Box, but the flies don't read (although they did fly off with the remaining blank slips!). We have tried fighting it out directly with the flies, but they are better nourished than we and always get away. Soon we shall have to notify the parents of undergraduates that their sons and daughters have been elected to Phi Lambda Upsilon (PLU) National Food Service Technology Honorary, and enclose a portrait of the National President 'Musca Domestica.'

Yours in sickness and in health,
Cynthia and Daniel Whitney (6)



Readers and admirers of *Atlas Shrugged* and *The Fountainhead* are invited to hear **NATHANIEL BRANDEN** deliver the opening lecture of his series on **OBJECTIVISM**, the philosophy of

AYN RAND

Miss Rand will join Mr. Branden during the question period. Adm. \$3.50, Students \$2.75. Doors open 6 p.m. for ticket sales.

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For descriptive brochure and advance ticket order form, Contact NBI's Local Representative: Mr. & Mrs. R. D. Shields, 60A Walden St., Cambridge, Mass. 02140 Phone: 491-2119 (evenings and weekends)

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21.01S offered to frosh

(Continued from Page 1)

community; the hunting community, and the materials are visual as well as literary.

The first week of the course centered on MIT, to illustrate the problem of describing the image of an environment. MIT was discussed from three viewpoints: those of the student, the BBC, and the MIT Corporation. The object of this endeavor is to formulate the criteria for viewing a sample environment.

Communities defined
The course defines three levels

of community; the hunting community, the farming community, and the fully urbanized community, and follows up with a study of the Bible in terms of a revolt against the city. The course concludes with Faulkner's 'Go Down Moses.'

21.01S, offered second term, studies Athens, as opposed to the notion of studying the Greeks per se. The readings are standard, and the last three weeks of the course is devoted to contemporary Los Angeles, representing "the ar-rival of the new city."

At the dinner conference, Professor Mattuck spoke briefly about the new version of 18.01 now being offered to the freshmen. Greatly improved over last year's experimental course, 18.01 studies the concepts of a function, a limit, and mathematics in general.

Concert planned with Josh White

By Jim Swanson

One of the favorites of the folk-blues world will be making an appearance at MIT soon. Josh White, well recognized as one of the patrons of folk gospel and blues music, has for many years consistently captured his audience with a sincerity that drips from his forehead. He has a style which makes people realize that he knows what he is singing about.

The concert, sponsored by the Class of 1967, will be held in Kresge Auditorium Friday, October 28. Tickets are \$2 a seat and will go on sale Monday at 9 am in the lobby of Building 10.



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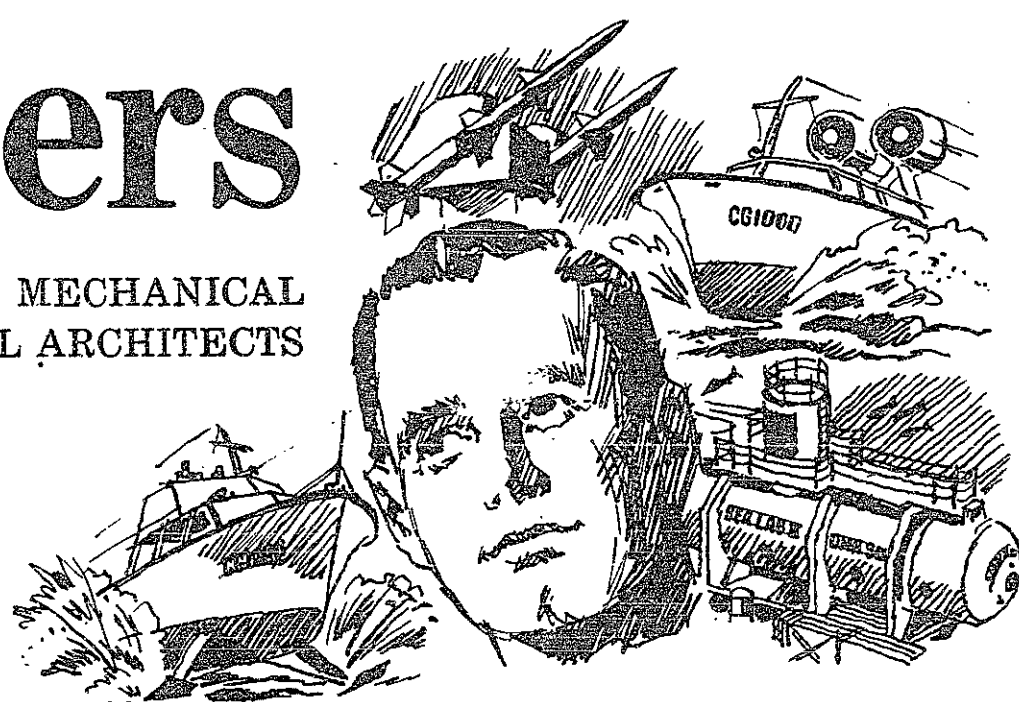
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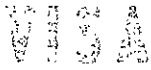


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Wilder and Yeats start Dramashop short play season

The MIT Dramashop will open its normal production season tonight with the presentation of an evening of one-act plays. The performance will take place in the Eugene Little Theatre.

"The Long Christmas Dinner" by Thornton Wilder and "At the Hawk's Well" by W. B. Yeats will be presented tonight and Saturday beginning at 8:30.

The production will be followed by a discussion and coffee hour. Admission is free.

Auditions for the next set of one-act plays will be held October 24. All are cordially invited to attend.

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Talking Rock

By Don Davis

'Reach Out I'll Be There' by Detroit Symphony strings and the Four Tops hit Billboard's number one spot this week to become the eleventh number one song for Berry Gordy's giant organization, Motown Record Corporation. The Detroit concern's four major labels are Motown, Gordy, Tamla, and Soul, and it encompasses such artists as the Supremes, the Four Tops, the Temptations, the Miracles, the Marvlettes, Stevie Wonder, Martha and the Vandellas, Jimmy Ruffin, Marvin Gaye, and Junior Walker and the All Stars, all of whom have made the nation's top ten at one time or another.

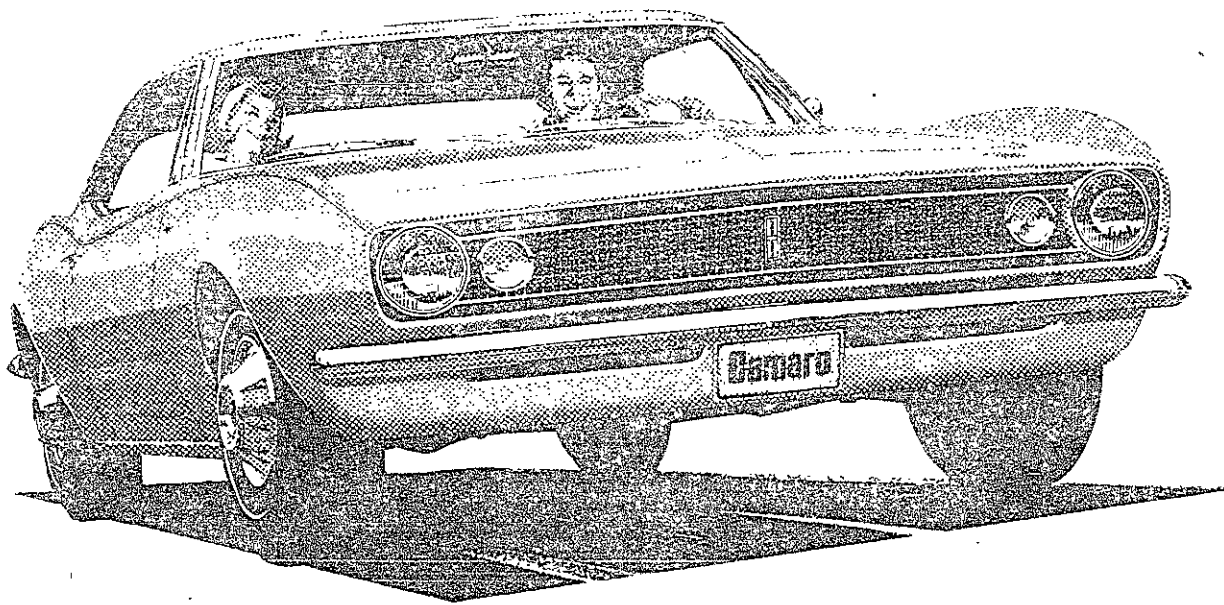
The beginning
 Prior to his formation of Motown in 1959, Gordy was an assembly-line worker who had dabbled in singing and songwriting. The contacts which he made after writing 'Lonely Teardrops' for Jackie Wilson and 'Money' (Barrett Strong did the original of this standard later recorded by the Kingsmen, Beatles, and others) made Gordy, now 37, decide to borrow \$700 from his father and form a record company. His first group of any importance was the Miracles, who sold 50,000 copies of 'Way Over There' in 1960, Motown's first major record. Gordy signed most of his groups after they appeared at Detroit auditions which he held once a month. He turned down the Supremes their first try but their perseverance (Diana Ross, their lead singer, got a job as assistant to Gordy's secretary) soon landed them a job singing background for Motown groups. Their first single was 'I Want a Guy' and it wasn't until their eighth disc, 'When the Lovelight Starts Shining Through his Eyes,' that they achieved national prominence.

Current Motown hits
 The nation's leading producer of single records, Motown has been putting out hits consistently since the Miracles' 'Shop Around' sold a million in 1961, but with four songs very recently in the top ten is now at its peak popularity. The Supremes' 'You Can't Hurry Love' became their seventh number one song, ranking them third only to Elvis and the Beatles. The Temptations' 'Beauty is Only Skin Deep' hit three on the pop charts while topping the rhythm and blues charts for four weeks so far. Their 'Ain't Too Proud to Beg' was number one r&b disc for nine weeks this summer. These two establish them as the most popular group among Negro listeners. Also, Jimmy Ruffin is up to eight on Billboard's charts with 'What Becomes of the Brokenhearted,' which has received little Boston airplay.

Motown influence
 Motown influence can be witnessed in ways other than record sales. Two of the Beatles' early album cuts were 'Please Mr. Postman' and 'You've Really Got a Hold On Me,' the originals of which were performed by the Marvlettes and Miracles. The Motown beat and instrumentation, (Please turn to Page 7)



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THURSDAY, OCT. 20 8:00 P.M.
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 Tickets: \$3.50, \$4.50, \$5.50

Making the Scene

S	M	T	W	T	F	S
					14	15
16	17	18	19	20	21	22
23	24	25	26	27		

THIS WEEK MUSIC
 Gardner Museum—program of music by Berlioz; Hazel F. O'Donnell, soprano, Rosemary Holdaway, piano; Oct. 15, 3 pm; free.
 Gardner Museum—cantatas by J. S. Bach performed by the Cantata Singers and Ensemble; Oct. 15, 3 pm; free.
 Boston Symphony Orchestra—Erich Leinsdorf, conducting Symphony No. 3 in D Minor by Mahler; Oct. 18, 8:30; Symphony Hall.
 Boston Symphony Orchestra—open rehearsal, Richard Burgin, conducting; Oct. 20, 7:30 pm; Symphony Hall.
 Boston Symphony Orchestra—Richard Burgin, guest conductor; Violin Concerto No. 1 in A Minor by Bach; Symphonia Serena by Hindemith; Symphony No. 5, Opus 47 by Shostakovich; Oct. 21, 2 pm, Oct. 22, 8:30 pm; Symphony Hall.

Unicorn—the Mamas and the Papas; Oct. 14, 8:30; Commonwealth Armory; \$2.75, \$3.50, \$4.75.
THEATRE
 MIT Dramashop—'Long Christmas Dinner' and 'At the Hawk's Well'; Oct. 14, 15 8:30; Kresge Little Theatre
 Loeb Drama Center—opening of 'Gammer Gurton's Needle'; Oct. 18, 8:30; \$1.50.
 Wellesley—'The Parable' and panel discussions (Interfaith Forum); Oct. 14, 7:30; Pendleton Hall.
 Wellesley—film 'China'; Oct. 16, 2:30, 4, 8; Pendleton Hall.
MISCELLANEOUS
 Lecture—'There will Always be an England,' Dr. Charles Forbes Taylor; Oct. 16, 4 pm; Rindge Auditorium; free.
 Boston Public Library—exhibitions; 'The Grandeur of Lace'; 'Madame Sarah,' excerpts and photographs from a recently published biography of Sarah Bernhardt; 'Daniel Defoe,' a selection of books and pamphlets; major exhibit of works by the famous French caricaturist, Honore Daumier; through Oct. 31.
 Museum of Fine Arts—'Sculpture and Painting Today,' modern art exhibition, through Nov. 6.

New books

Modern China studied by many Chinese experts

'Contemporary China,' edited by Ruth Adams, was compiled with the idea that "contemporary Americans need to know the intention of the Chinese government..." and is based on a conference held earlier this year in Chicago, which was attended by the world's top experts on China. These included a Czech Orientalist, British and Australian scholars and writers, the physician and novelist from Hong Kong, Han Suyin, and many American and Chinese scholars affiliated with universities and research institutes as well as the State Department. The book will be published by Pantheon October 18.

parture for this examination of nation-wide attitudes. The book shows how inadequate and insulting our welfare policies are and postulates the kind of radical changes that will have to take place before attempts at "rehabilitation" will have any chance of success. This expose will be published at the beginning of next month by Pantheon Books.

'The Poorhouse State,' by Richard M. Elman presents, for the first time, the American welfare system as seen from the point of view of the consumer, the poor themselves, who are the result of a social system that has convinced its poor that it is a privilege to receive public assistance, only to treat them with contempt for claiming it.
 The author uses New York's lower East Side as a point of de-

Talking Rock

(Continued from Page 6)
 acles, who with Gordy writes and produces all the Miracles' hits. Robinson has also written other Motown hits, such as Marvin Gaye's 'Ain't That Peculiar,' and is Motown's vice president in charge of artist relations.

Interrelationships
 This combining of roles is typical in Gordy's organization, which is a big happy family. Martha and the Vandellas got their start singing backup for Marvin Gaye, who is married to Gordy's sister. Smokey Robinson married the girl who used to sing with the Miracles. Jimmy Ruffin is the brother of a Temptation. The whole organization often has huge parties and sometimes tours together in the Motortown Review.

HARVARD SQ. URB 4-4500

Taylor - Burton
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 Directed by Mike Nichols
 2:15, 4:45, 7:20, 9:40

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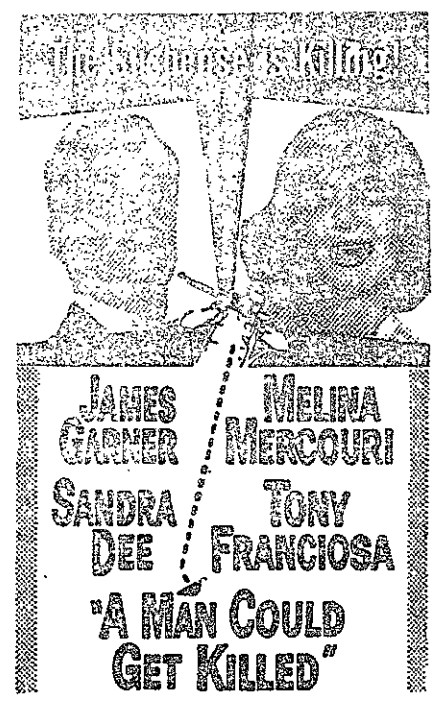
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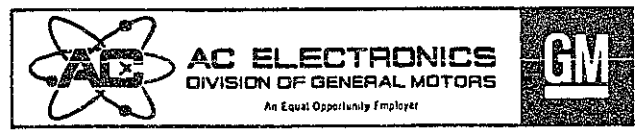
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If you are completing your B.S. or M.S. degree in EE, ME, Math or Physics, we invite you to inquire about opportunities at any of our three locations: AC in MILWAUKEE — our Main Research, Development and Manufacturing Facility; AC in BOSTON—our Research and Development Laboratory specializing in Advanced Inertial Components and Avionics Navigation/Guidance Systems; AC in LOS ANGELES — our Research and Development Laboratory specializing in Advanced Airborne Computers and Ballistic Missile and Space Booster Guidance/Navigation Systems.

PhDs, please note: Positions are available in all three AC locations for PhDs, depending upon concentration of study and area of interest.

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Campus Interviews
 Thursday, October 27, 1966



Kibitzer

By Mark Bolotin

North	
♠ J 5	
♥ 7	
♦ A K 5 2	
♣ K 9 8 6 4 2	
West	
♠ 8 6	
♥ K Q 5 3	
♦ Q 10 9 6 4 3	
♣ 7	
East	
♠ K 10 9 7 4 2	
♥ J 10 9 8 4 2	
♦ None	
♣ A	
South	
♠ A Q 3	
♥ A 6	
♦ J 8 7	
♣ Q J 10 5 3	

Bidding			
South	West	North	East
1 ♣	1 ♦	2 ♣	2 ♠
2 NT	Pass	3 ♦	3 ♥
Pass	4 ♥	4 NT	5 ♥
6 ♣	Pass	Pass	Pass

Opening lead: ♥ K

Today's hand presents an unusual situation in that the only way to make the hand is on an endplay, but declarer does not know which opponent will be thrown in.

Declarer won the opening heart lead with the Ace and stopped to view the prospects of making the contract. There was a sure trump loser, a virtually certain diamond loser, and a spade loser which could probably be avoided by the marked finesse.

However, declarer observed that if he could throw in either opponent with the stiff Ace of trumps, he might be able to endplay him and avoid the diamond loser. In order to effect the endplay, South would have to strip out side suit exits without allowing the other opponent to ruff in with the small trump.

On the assumption that trumps split, possible distributions for West that are consistent with the bidding are 3-4-5-1, 2-4-6-1, 1-5-6-1, and 2-5-5-1. If West held five hearts and just one spade, he would probably sacrifice over six clubs, so declarer felt he could safely play two rounds of spades without fear of West ruffing with the small trump. Consequently, South ruffed a heart, finessed a spade, cashed another spade, and ruffed a spade in dummy.


There remained one more obstacle for declarer, he had to decide whether or not to cash a diamond. If East has a diamond and the trump Ace, a diamond must be cashed. If East has no diamonds, but does have the small trump, trying to cash a diamond costs the contract. A

little thought solved South's problem. With no diamonds, East would presumably double six clubs to request a diamond lead. By convention, the double of slam contracts normally calls for an opening lead of dummy's first bid side suit.

Declarer, therefore, cashed the diamond Ace. East ruffed in with the Ace of clubs, but his forced major-suit return allowed South to slough a diamond and ruff on the board. Declarer can now pull trumps and claim the rest.

For those who wonder if declarer managed to play the hand this carefully at the table, it might be noted that when the hand occurred, all did not go quite this way. First of all, East doubled six clubs. Therefore, a diamond was opened and East ruffed. Now declarer only had to pull trump and take the marked spade finesse to make the contract. It wasn't until the post-mortem that declarer noticed that he could make the hand against anything except an opening lead of a trump.

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CAMPUS INTERVIEWS

OCTOBER 25, 1966

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CAMPUS INTERVIEWS November 10, 1966

Interest on the rise

Norton aids foreign placement

By Steve Carhart

Interest in foreign study, particularly in junior year programs, has been increasing greatly in the past year, reports Professor John T. Norton, MIT's foreign study advisor. While MIT conducts no formal junior year abroad program of its own due to the wide range of interests of Tech students, Professor Norton has been guiding students to outside programs that fit their needs.

Available programs

Among the programs in which Tech men have participated have been those sponsored by the Institute for European Studies, Sweetbriar College, the University of Wisconsin, the University of Michigan, and Wayne State University. Among the places MIT men have studied are the

famed engineering school at Nantes, France; Munich and Friedburg, Germany; Madrid, Spain; Japan, and Israel.

Core needed

One must be careful in choosing a program, however, warns Professor Norton. The quality of the various programs varies greatly, and in many cases a haphazardly chosen program may result in a wasted year insofar as studying is concerned.

A year abroad can, in some cases, make surprisingly little difference in attaining one's bachelor's degree in four years. In most cases, some sort of credit arrangement may be made by the student with his department. Furthermore, though few fellowships are available for study abroad at the undergraduate level, a student's scholarship may be applied to study abroad if he participates in an MIT-approved program. Money from the Loan Fund is also available for foreign study. The one disadvantage involved with the use of scholarship grants for study abroad is that the award will not be continued into the fifth year if the student's year abroad makes it necessary for him to spend an extra year at Tech to gain his bachelor's degree.

Disadvantages exist

In contemplating the thrills of meeting and understanding a nation's people, economy, and attitudes first hand, however, many students overlook the disadvantages of spending a year abroad. A thorough knowledge of the proper foreign language (in the case of major countries such as France) is a must. Furthermore,

full credit for a year abroad is seldom given by an MIT department. A student intending to go abroad ought to have some extra credits lined up if he plans to graduate with his class. Finally, the year spent abroad can seriously interrupt the professional training in courses where continuity is essential. In the past, students in courses XVIII and XXI have been most active in foreign studies, while those in an engineering discipline have been least inclined to leave MIT.

Graduate work abroad

In many cases, it is preferable to study abroad during one's graduate education rather than during the undergraduate years, since the graduate student's schedule tends to be more flexible. Each case is different from all the others, however, and should be examined as such, said Professor Norton.

While the cost of a year abroad is roughly the same as a year at MIT, a fact which is encouraging to many students, one ought not to forget that in terms of degree credit, a year abroad is not likely to be as productive as one spent here.

For graduate students, a number of fellowships, many of them very famous, are available for work overseas. Often a prospective ocean-crosser is better off to apply for one of the lesser known fellowships which may fit his exact needs better than, say, a Fulbright, and be easier to obtain into the bargain.

Application deadline

Among the awards whose application deadlines are rapidly approaching are the Marshall Scholarships for study in Britain (Oct. 15), the Fulbright Awards (Oct. 28), the Rhodes Scholarships (Oct. 31) and the awards of the Inter-University Committee on Travel Grants (Nov. 1). Many other award deadlines are coming up as well, and Professor Norton cautions students that it takes a considerable length of time to fill out the comprehensive applications and line up the necessary references.

Kresge Little Theatre to host FOC meeting

By Sue Downs

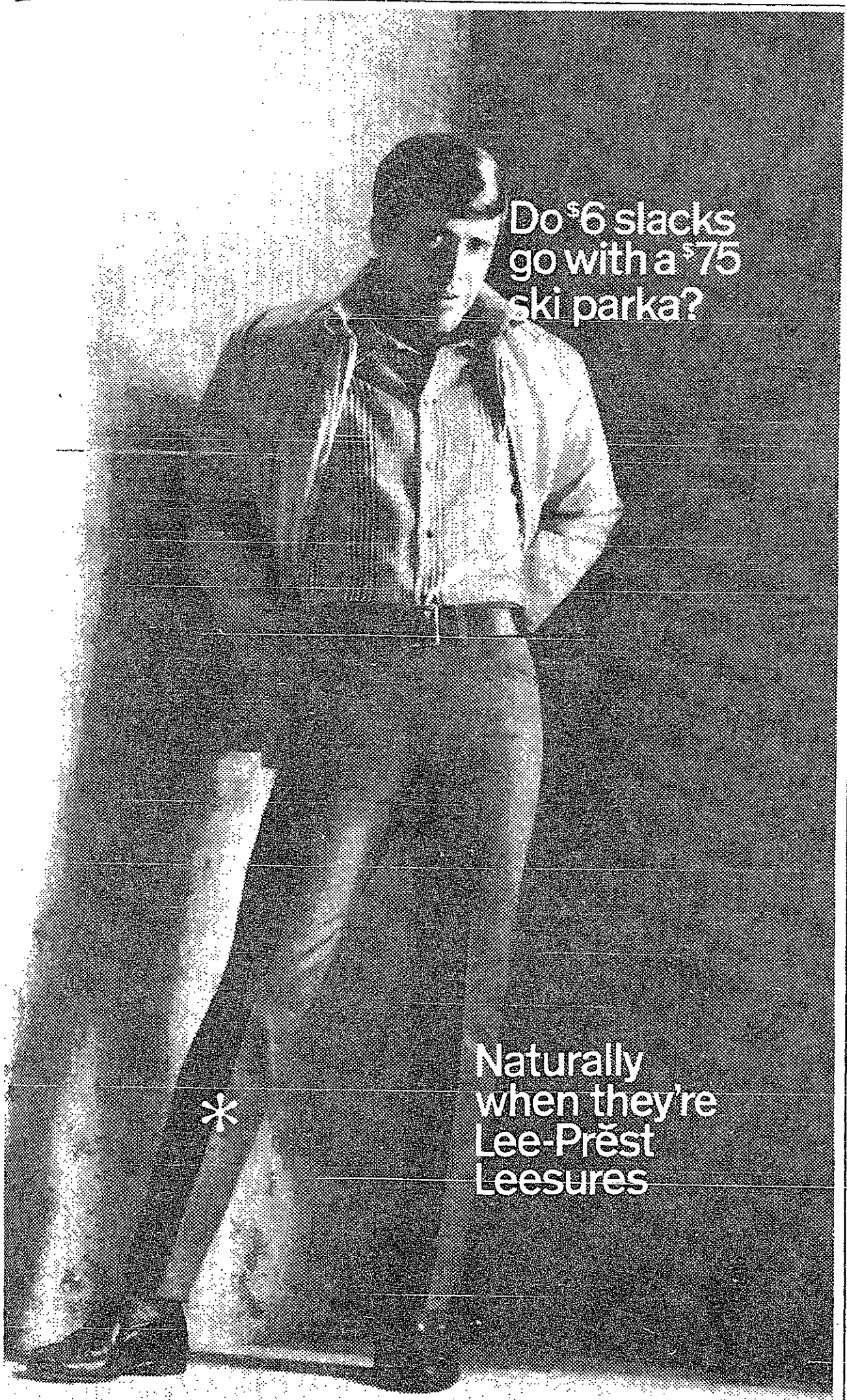
The Foreign Opportunities Committee will hold a meeting Thursday at 4 pm in the Kresge Little Theatre for all students who are interested in either working or studying overseas.

Programs to be discussed at the meeting include IAESTE, AIE-SAC, Cross Roads Africa, the Junior Year Abroad, and opportunities for pursuing graduate studies overseas. Mr. Jay Norton, the foreign study adviser, Mr. Thomas Harrington, placement officer, and many students who have participated in these programs will be on hand to answer questions.

Anyone who is at all interested in foreign study of any sort should contact Professor Norton at x5243 or in his office, 5-108. The one exception to this is the Rhodes Scholarships. Those interested in these famous grants to attend Oxford should contact Professor Eugene Skolnikoff, x2449 or in E53-417.

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Newt Stammer
was broad-minded enough
to try somebody else's beer.
Then he went back to this one.



Fast.

(Broad-mindedness
isn't everything.)

Looking Back

By Mickey Warren

55 years ago

THE TECH put out an Extra Edition as the Institute announced its choice for the site of the New Technology, facing the Charles River Basin at the Harvard Bridge, on the Cambridge side. Most of the major details had been worked out at this time. The centrality and ease of access of the site were large factors in the selection of the Cambridge site as the new home of MIT.

The tract of land proposed to house the Institute was 1,999,706 square feet. Among the streets already paved on the property were Vassar, Radcliffe, Wellesley, Princeton, Amherst, Claffin, and Bradford Streets, all named for prominent American colleges.

(Claffin University is in Orangeberg, S.C.; Bradford is in Falmouth, Mass.)

45 years ago

The Vice President of the United States, Calvin Coolidge, addressed a throng of over 40,000 people in front of the Institute, in the celebration of Cambridge's 75th Anniversary as a city. A very hastily built podium was set up in the middle of the Great Court after word was received that the vice president would speak, only 18 hours before he was scheduled to arrive.

The following appeared in The Tech:

Made Error

In last Wednesday's issue of THE TECH, it was stated that Coach Frank Kanaly would speak at the Smoker tonight and that he would not speak at the Smoker. It has been definitely determined that Coach Kanaly will not speak tonight.

30 years ago

In a poll on the outcome of the 1936 Presidential elections, MIT men voted two-to-one for Alf Landon over Franklin Roosevelt. Fraternity men gave the Republican candidate a three-to-one vote of confidence, while the dormitories were much closer, giving Landon the nod four-to-three. As a Tech editorial pointed out however, in the past, as MIT went so didn't the nation.

A twelve million dollar expansion of the Institute's facilities was unveiled by President Compton. High on the list of new buildings was an improved athletic center. A large controversy raged over expanding Walker Memorial, or building a separate swimming pool and gymnasium. It seemed as if Walker Memorial were to be greatly expanded as the architect's plans of the additions were seen in the Tech.

The Bulletin Board

Friday, October 14

3:30 PM. Junior Varsity Soccer: MIT vs. Leicester Junior College. Briggs Field.
5:00 PM. Science Fiction Society. Spofford Rom, 1-236.
5:15 PM. Vedanta Service. MIT Chapel.
7:00 PM. LSC Movie: A Patch of Blue. Admission: 50c. Rm. 26-100.
7:30 PM. Hillel Services. MIT Chapel.
8:00 PM. Baker Mixer. Student Center, Sala de Puerto Rico.
8:30 PM. Dramashop One Act Plays: The Long Christmas Dinner (Wildier) and At The Hawk's Well (Yeats) Admission: Free. Kresge, Little Theater.
9:00 PM. LSC Movie.

11:00 AM. Protestant Worship Service. MIT Chapel.
12:00 Noon. Protestant Coffee Hour. Student Center.
1:00 PM. Chess Club Meeting. Student Center, Rm. 491.
5:00 PM. IFC Dinner For Fraternity House Presidents, Student Center, Mezzanine Game Room.
6:00 PM. Technique Group Pictures: Starting today and go through Oct. 19. Student Center, Rm. 473.
7:30 PM. MIT Folk Dance Group. Student Center.
8:00 PM. LSC Classic Movie: Notorious. Admission: 50c. Rm. 10-250.

Saturday, October 15

All Day. APO: Conclave of New England Chapters. Student Center.
9:30 AM. Social Service Committee: Orientation meeting for Tutoring Plus program. Student Center, Rm. 491.
1:00 PM. MIT Strategic Games Society. Student Center, Rm. 491.
1:00 PM. MIT Bridge Club: Individual Club Championship. Student Center, Rm. 407.
1:30 PM. Chess Club Meeting. Student Center, Rm. 491.
7:00 PM. LSC Movie: A Man Could Get Killed. Admission: 50c. Rm. 26-100.
8:00 PM. SAE OPEN Bid Party: Saeor Dance. SAE House.
9:00 PM. LSC Movie.

Sunday, October 16

9:15 AM. Roman Catholic Mass. MIT Chapel.

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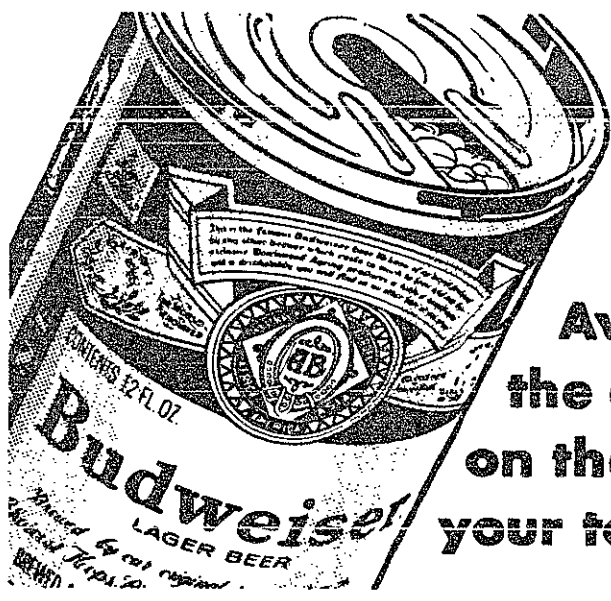
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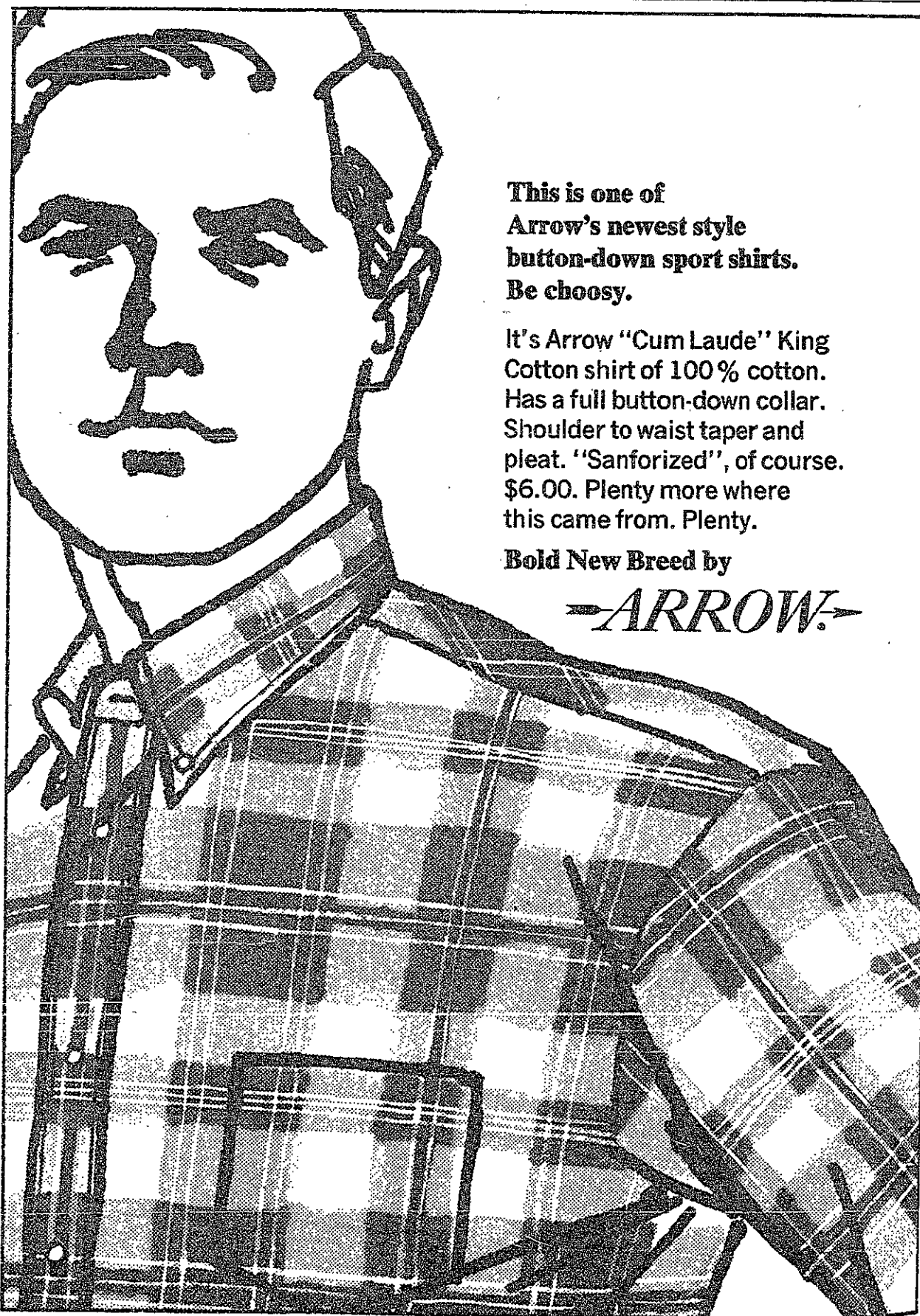
INTERVIEWS FOR BSEE'S Wednesday, Oct. 26

Or write for information to Manager of College Relations, Dept. 717 Guided Missiles Range Division, Pan American World Airways, Inc., 750 S. Orlando Avenue, Cocoa Beach, Florida. An Equal Opportunity Employer.



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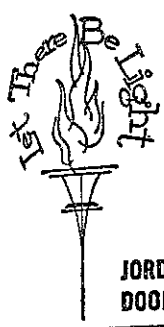


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Coming: Saturday, Oct. 22, Fellini's "NIGHTS OF CABIRIA"

Sun., Oct. 23, Truffaut's "SHOOT THE PIANO PLAYER"

Dr. Lee to speak against apartheid

Dr. Franz T. Lee, now on a national tour for the African People's Democratic Union of Southern Africa, will speak at MIT Thursday.

Lee will be sponsored by the Committee to End the War in Viet Nam, the Socialist Club, the Students for Democratic Action, and the Civil Rights Committee.

The APDUSA was set up in 1960 by citizens who were interested in human rights and land reform.

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Deacon's president offers talk; Civil Rights group explains cause

By Richard Sims

Charles Sims, the National President of the Deacons for Defense and Justice spoke at the Student Center October 11. The Deacons are an armed civil rights organization dedicated to preventing violence in the South and elsewhere.

Mr. Sims was quick to define the objectives of the Deacons, an organization that is often denounced as a "black Ku Klux Klan." He emphasized that the purpose of the Deacons is to teach citizens to defend themselves. Although the Deacons' charter also provides for teaching the responsibilities of citizenship, the value of the ballot, and proper use of

spending power and leadership, he explained, Southerners often respect nothing short of the gun. Therefore the Deacons frequently have to teach defense by brute force.

Sims has lived all his life in Louisiana. He served as an Army weapons instructor and ran a successful real estate practice in Bogalusa. He established the Deacons early in 1965 after numerous Negroes and civil rights workers had been terrorized and attacked by Klansmen and night riders.

Sims says he and the Deacons have no use for fear tactics or night riders, black or white. "I do not like to talk about using a gun. We are not teaching potential killers; the Deacons are only trying to teach people to defend themselves." Sims does not fear the Klan even though he claims to be the target of many assassination attempts and to have been shot several times.

The Deacons, nevertheless, are well armed and close knit. They worked hard in the recent march thru Mississippi begun by James Merideth. Sims is proud of the fact that the Deacons haven't lost a single civil rights worker since their formation.

Sims voiced frustration towards the Southern system of justice, citing numerous instances in which Klansmen are serving in administrative positions. Because of the presence of violence in the South he does not consider the defeat of the recent rights bill a significant setback to his organization.

The Deacons for Defense and Justice are an integrated national organization and have set up a chapter right here in Boston.

Sims is gratified by the success of the Deacons thus far. The Deacons are looking forward to the day when they will be able to move into the heart of the Mississippi delta.

Poetry contest is set; offers \$1600 in prizes

The fourth annual Kansas City Poetry Contests are offering a total of \$1,600 in cash prizes and the publication of a book-length manuscript. Prizes are offered in categories of book-length literary efforts and individual poems.

The winner of the manuscript competition will receive \$500 in advance royalties in addition to the publication of the book by the University of Missouri. He or she will also be flown to Kansas City to receive the award. Ten prizes of \$100 each will be awarded to winners in the single poem competition.

The deadline for entries is February 1, 1967. In the past MIT people have entered the contest. Those interested may obtain complete rules by sending a self-addressed stamped envelope to: Poetry Contest Directors, P.O. Box 8501, Kansas City, Mo. 64114.

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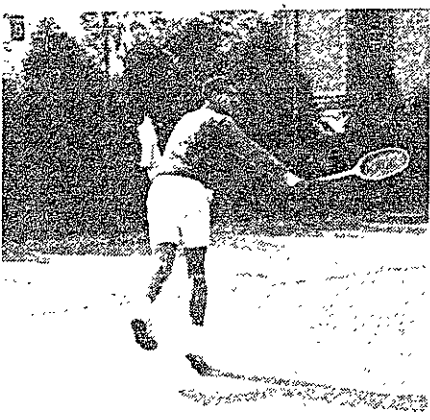
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Football playoffs begin tomorrow



Delta the winner of League 2 faces League 1 runner-up Sigma Alpha Epsilon. Beta Theta Pi League 1 champion meets Delta Upsilon in the game following.

League standings:

Division "A"	
Beta Theta Pi	Delta Tau Delta
Sig. Alpha Epsilon	Delta Upsilon
Theta Chi	Burton "A"
Phi Delta Theta	Phi Gamma Delta

Division "B"	
Baker "A"	Lambda Chi Alpha
Sigma Alpha Mu	Zeta Beta Tau
Alpha Tau Omega	Burton "B"
Sigma Chi	Senior House

Division "C" winners	
Alpha Epsilon Pi	*Bexley
Sigma Phi Epsilon	*Kappa Sigma
NRSA "A"	Sig. Alpha Epsilon
Pi Lambda Phi	East Campus "A"
	*tie

Division "C" winners	
Phi Beta Epsilon	Student House
Lam. Chi Al. "B"	Theta Delta Chi
Phi Kappa Theta	

This weekend's schedule:

Teams	Field	Time
SAE-Delt	2	1:00
Baker "A" - LXA "A"	3	1:00
ATC - Burton "B"	4	1:00
TEP - EC "B"	5	1:00
Pi Lam - EC "A"	6	1:00
Beta - DU	2	3:00
Bex - winner SAE, KS	3	3:00
SAM - ZBT	4	3:00
Westgate - Grad Econ	5	3:00

Teams	Field	Time
Phi Delt "A", Fili	2	1:00
Burton "A", Theta Chi	3	1:00
PBE - Stud House	4	1:00
TDC - PKT	5	1:00
PMD - West Dorm	6	1:00
AEPi - B41	2	3:00
Sig Ep - B42	3	3:00
NRSA - B43	4	3:00
Sigma Chi - Sen Hou	5	3:00
Grad Man - Ashdown	6	3:00

Photo by Srinanth Rao
Bob McKinley '70 advances in IM tennis play Wednesday. McKinley plays number one singles for Theta Delta Chi.

Sigma Alpha Epsilon kept their hopes high for capturing the IM football crown by soundly defeating Phi Delta Theta 27-6 Wednesday. Don Rutherford '67 opened the scoring midway through the first period by taking a Fred Souk '67 pass thirty yards for the touchdown.

The SAEIors waited to the third period before again reaching pay dirt. Souk hit Jack Mazola '66 early in the period to make the score SAE 13-Phi Delt 0. Souk, later in the period, took the ball on the Phi Delt one, scrambled back to the 20, and then scrambled over the end zone for the score. A Phi Delt score also in the quarter made the score 20-6.

In the fourth quarter Mike Fuchs '70 connected with Fred Souk for the final score.

Elsewhere Baker "A" took a 6-0 decision for SAM to put them in the B-1 playoffs. Bexley put a snag in SAE "B" chances for the B-1 playoffs by defeating them 12-9. The victory produced a three way tie in League 4. The first of two tie breaking games will take place today at 4 pm between SAE "B" and Kappa Sigma, the third team in the tie. The winner will then meet Bexley to determine the league champion. The winner of that game will then meet Alpha Epsilon Pi in the playoffs Sunday.

In the "A" division Delta Tau

With the end of the IM football season in sight, the IM basketball manager announced this week the start of the 1966-7 basketball season. The season, which will begin about November 1, will run until after the Christmas break. The playoffs are scheduled to end before reading period.

Of especial interest this year is a stronger, bigger graduate league. Graduate students who are interested in participating in the league should contact IM manager Herb Finger at 262-4765. Lack of competent referees is always a problem. Anyone interested in refereeing should also

Netters sink to 8th at ECAC tourney

By Jon Steele

This past weekend proved to be almost fatal for MIT netters. Down at the ECAC tournament at West Point the varsity managed to win only two first round matches. They picked up enough points in the consolation rounds

to place eighth in the field of twelve teams, but on the whole the quality of their play was disappointing. Likewise the junior varsity won only two matches at the Brandeis Invitational and failed to place high. MIT's remaining hope was Maria Kivisild '69, who earned a fifth seed in the Women's New England at Longwood; Maria was unable to practice on clay courts this fall, however, and she was eliminated in the round of sixteen.

The varsity will wind up the fall season at home Wednesday afternoon against Brandeis. The match is scheduled to start at 3 pm.

ECAC Results

First Round Singles

Bob Metcalfe (MIT) d. George

Frosh sports

Booters down Tufts, 4-0; meet Harvard tomorrow

By Stan Kask

Bouncing back from Saturday's loss to Lexington, the freshman soccer team scored a 4-0 victory over Tufts Tuesday. The deciding factors were the teamwork exhibited by the offensive team and the excellent defensive play, led by the goalie, John Gerth, and the left halfback, Wayne Wenger.

Bob Busby opened the scoring in the first period. The score remained at 1-0 until the middle of the third period, when Mike

Venturino lofted a shot past the Tufts goaltender. The final tallies came in the fourth period on boots by Jim Koff and Val Liuada.

MIT controlled the ball for most of the game, as witnessed by the fact that Tufts made only eleven shots at the MIT goal. In contrast, the Techmen took twenty-five shots and three corner kicks. The next opponent for the frosh will be the Harvard freshmen, tomorrow afternoon.



Photo by John Roderick

In freshman soccer action, fullback Bob Skanlan boots the ball out of MIT territory as Tufts opponents look on helplessly. The Engineers won the game 4-0 to even their season record to 1-1 with only one goal scored against them.

The Benchwarmer

Banner leads qualifiers for ECAC Championships

Golf coach John Merriman has once again come up with an outstanding swinger in Gerry Banner '68. Banner pulled off his biggest win last weekend taking the medal honors in the ECAC qualifying round. He fired a one-under-par 71 to defeat Dan O'Leary of U. of New Hampshire by a stroke.

Gerry, Travis Gamble '67 and nine other individuals qualified for the Eastern finals at Bethpage, New York. Banner's low round led the Tech squad to the team title, which qualified Gamble, Tom Thomas '69, Greg Kast '69, and Banner for the ECAC team championship.

This was the second straight sub-par round for the Haverhill, Mass. native. Last weekend in the Sir George Williams Invitational at Montreal, he fired a course record 70. His flurry of birdies in the final round earned MIT's number one man a tie for second place.

Gerry lost only three times last spring in his first year on the

varsity. One of these losses was to UNH's O'Leary, whom he defeated at Burlington, Vt. Saturday.

Banner's par-busting 71 included four birdies. Starting on the back nine, Gerry bogeyed the 10th and 13th. Settling down, he carded two pars, a birdie three, and two more pars to finish with a 37. The front side proved less difficult for the 6'1", 170 lb. swinger. He carded regulation 4, 4, 3, 4 on the first four holes. The longball hitting junior then connected for birdies on the short par-five fifth and seventh holes. A bogey on the 200 yard 8th was erased by a six-foot birdie putt on the final hole. His two-under-par charge on the last five holes brought his final nine total to 34.

The big test for Merriman's junior star will come in the ECAC finals. Competition will be tough in both the individual and the team events as qualifiers come from New York, Pennsylvania, Delaware, and Burlington.

How They Did

- Soccer MIT (F) 4, Tufts 0
- Sailing MIT (V) fifth at Harvard
- Tennis MIT (V) eighth in ECAC

Lights optimistic

Oarsmen show improvement

By Bruce Anderson

Sentiments for the old boat house are still high, but a new wave of enthusiasm is rocking the crew teams.

Coach Jack Frailey finds just five lettermen returning from last year's heavyweight squad, but he has slightly more oarsmen to work with than usual.

In his role as captain, Joel Robinson '68 will help lead the

team in its rebuilding process. The squad will be trying to improve over last year's team, which managed just one win and didn't qualify in either the Eastern Sprints or the IRA's. "Spirits are up, though," commented Robinson.

Looking ahead to the job before him, Frailey noted that the prospects would have been limited were it not for the new rowing

simulator. As a result of this simulator, the finest artificial rowing machine device in the world, Tech oarsmen will be able to ready themselves more extensively for spring water.

Lights hope to improve

The lightweights, too, will be trying to improve on last year's record, which was nearly identical to that of the heavyweights.

According to Coach Gary Zwart, four factors make the outlook bright: 1) four oarsmen graduated, and a larger number of lettermen are returning; 2) the third boat went undefeated last year, while the JV lost just one and finished second at the Eastern Sprints; 3) last year's fine freshman team offers real potential this year; and 4) the rowing simulator will help perfect rowing technique before spring training.

No lineups set

All seats on both teams are up for grabs. Of special concern are stroke positions. Neither team will have last year's varsity stroke back. As lightweight Captain Larry Taggart '67 noted, "It will even be hard to make third boat this year!"

A race with Exeter October 22 and the Head-of-the-Charles, a three-mile race October 30, will be the only fall competition. Class Day, shortly before Thanksgiving, features intra-squad and inter-living group races.

Sailors capture fifth place in Harvard Finn Class

By Jeff Goodman

Columbus Day saw two events for MIT's varsity sailing squad: the Finn Class Invitational Regatta at Harvard University and the MIT Nautical Association's annual fall regatta.

Many of the first string sailors participated in the MIT regatta, leaving most of the second team to gain experience in the minor Harvard meet. At the MIT regatta, Dick Boulay '67 won the undergraduate trophy for those not on the team, Terry Cromberg '66 won the graduate student trophy, and Chet Osborne '67 won the team championship.

The Engineers placed fifth out of eight competing teams at Har-

vard. The order of finish was Harvard, BU, BC, Northeastern, Tech, Stonehill, Brown, and UConn. The regatta consisted entirely of finn class dinghies. The primarily second string and physically sick team of Tech sailors accounts for the fifth place. Mike Zuteck '67 skippered the A team and Jesper Munch '68 skippered the B team. Jesper previously suffered a leg injury and consequently was forced to hike with one leg. Winds were very rough as fifteen dinghies capsized in eight races. Mike Zuteck had a hard battle against these winds.

Engineer sailors will participate in the N.E.I.R.A. Championship Eliminations at Coast Guard Saturday and Sunday.

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