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in the news

INSIDE

MIT's Professor Nafi Toksoz, with the help of a pair of graduate students, has made important new finds on the causes of earthquakes in a study recently conducted in Turkey.

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In its current Boston production, *Tribute* stars Jack Lemmon in a brilliant and very funny portrayal of the life of Scottie Templeton.

p6

A long standing tradition was once again not broken last Saturday when the Harvard crew team won the intercollegiate competition. MIT, however, ran a very close second.

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EXCERPTS

During recent years, American society has been increasingly exposed to warnings concerning the relatively unhealthy lifestyle of its average member. Medical research has uncovered the dangers of cigarette smoking, alcoholism, stress and fatigue, as well as the importance of proper dietary habits and regular physical exercise.

As a result, millions of Americans have responded appropriately, creating a nationwide health movement which could ultimately decrease physicians visits and lower health care costs in the long-run. In view of these trends, it is both disturbing and ironic that the clinical side of medicine often fails to practice what its research side preaches.

The training of the American clinical physicians is a lengthy, rigorous process usually involving four years of college, four of medical school, one of internship, and variable amounts of residency time for different specialties.

• • • •

In the process, the individual is subjected to chronic stress, loss of sleep, hurried or missed meals, insufficient time for exercise, and the need for stimuli such as coffee or cigarettes to remain alert.

The end result is all too often a prematurely aged, chronically-fatigued, out-of-shape, cigarette-smoking, coffee-and-alcohol addict, ready to tell patients how to take care of themselves.

— David Sartoris
The Stanford Daily

MIT adopts South Africa guidelines

By Kenneth Hamilton

The MIT Committee on Shareholder Responsibility has approved a draft of a letter written by the Ad Hoc Committee on the Sullivan Six Principles, composed of MIT and ten other colleges and universities. The letter will be sent to between 100 and 200 other colleges and universities urging them to "unite... behind the [Sullivan] Principles as an ethical guideline for business activity in South Africa," and to use their "leadership and influence as ethical investors in order to seek to have every American company with activities in South Africa adopt these principles."

"Most of all," the letter closes, "we ask you to contact the companies with which you do business either as an investor or purchaser, urging their acceptance of the Principles."

The Sullivan Six Principles are a set of six guidelines for corporations with business in South Africa seeking to promote racial equality in that country.

According to Walter L. Milne, Secretary of the Advisory Committee on Shareholder Responsibility, the Sullivan Ad Hoc Committee will select colleges to receive the letter based upon considerations such as geography, diversity, and the size of their endowment.

The Ad Hoc Committee on the Sullivan Six Principles consists of representatives from MIT, Harvard, Columbia, Tufts, Wesleyan, Dartmouth, Wellesley, Swarthmore, Carleton College, Oberlin College, and the University of Minnesota. It is chaired by William J. McGill, President of Columbia University.

The MIT Committee on

Shareholder Responsibility is also in the process of evaluating the majority of proxies, mainly centering on the South Africa issue, from corporations and banks in MIT's investment portfolio. According to Milne, approximately 90 percent of the proxies are decided upon between March and May, and 60 percent are considered in April alone.

The proxies are being evaluated using the Sullivan Principles and two other guidelines that the committee adopted earlier this year. These other guidelines are curtailment of further investment in South Africa by corporations, and the prohibition of further bank loans to the South Africa government or its agencies.

According to Milne, the shareholder committee has stressed communication with banks in order to keep them informed of

MIT's feelings on loan practices. In addition, the Executive Committee recently voted to institute these practices on a Bank America proxy which reads in part: "The shareholders request the Board of Directors to establish the following as corporate policy: Neither the Corporation nor its affiliates... shall make any new loans or renew any old loans to the government of the Republic of South Africa or its agencies... until the system of apartheid has been dismantled and meaningful steps have been taken in the direction of majority rule."

Milne feels that voting by proxy and communicating with the corporations in which MIT holds stock is a more effective means of exerting influence in South Africa than divestment.

(Please turn to page 3)

Rhesus embargo will not hurt MIT

By Gordon Hunter

The recent embargo on rhesus monkeys from India should not have much effect on MIT researchers, according to Associate Professor of Nutrition and Food Science James G. Fox, who is also the director of the Division of Laboratory Animal Medicine (DLAM).

Fox said he anticipates that "the embargo will be short-

lived," comparing it to the 1974 embargo. Fox thought that this "repeat scenario" would last from four to six months.

The embargo had been announced by the Indian government last December but did not go into effect until this month, so no one was caught by surprise.

Fox explained that all imported monkeys used at MIT are ordered in six month cycles. When they

arrive, the monkeys have to be quarantined for ten weeks and screened by the DLAM before they can be used in experiments.

Fox could not foresee any short term effects of the embargo due to the four month time lag. However, if the embargo lasts longer than expected, he said he sees a potential for a shortage of the monkeys. MIT might be able to alleviate the shortage by

reutilizing monkeys and by purchasing from domestic breeders, according to Fox.

Fox said that "the mechanism has been set up for alternatives to the imported rhesus monkeys," and that "the mechanism is available to produce large numbers of domestic monkeys." He added that, while the resources are available, the price might be prohibitive.

Imports were already declining at the time of the embargo, so alternatives were becoming more desirable even before then, Fox explained. He also felt that the import price would increase after the embargo was lifted, making alternatives more feasible.

In response to the embargo, four years ago, domestic sources started to establish alternatives in case of future embargoes. About six National Primate Centers are spread around the US, and commercial breeders such as the Charles River Breeding Labs have also gotten their start. In addition, the National Institutes of Health have been contracting agreements for domestic breeding of the monkeys.

Other responses have been to look for replacement animals and to organize re-use of the rhesus monkeys. There is now a newsletter available listing monkeys already used in experiments which can be reused by other experimenters. Research is also being done to determine whether other close relatives of the rhesus could be used instead for some experiments.

The psychology department at MIT currently uses rhesus monkeys for behavioral research, and the department of nutrition and food sciences uses them for nutritional studies. The monkeys used in behavioral experiments can usually be reused, and the nutritional studies are mainly long term, requiring few new subjects.

The monkeys are sacred in India, and it is believed by political analysts that the embargo was the result of anger at the type of experiments in which American researchers use the animals. They may not be used for military or atomic-blast experiments, or for space research, as stipulated in a 1955 agreement between India and the US.



Rhesus monkeys such as these are used in many areas of nutritional, physiological, and psychological research. (Photo courtesy of National Institutes of Health, Division of Research Resources)

Saxon talks on minorities

By Steve Vaughn

David Saxon, the president of the University of California, urged greater university support of all phases of minority education in a speech before the MIT Corporation last month.

Saxon, who is head of the University of California college system, emphasized the need for active involvement by institutions of higher education in "outreach programs" oriented toward disadvantaged students at grade school and high school levels, as a means of improving the percentage of minority applicants to college.

He cited as examples programs such as the Mathematics/Engineering/Science Achievement Program (MESA), designed by the University of California, which supplement minority high school students' educational

background and acquaint disadvantaged students with a college environment. He also mentioned the Partnership Program, instituted in 1972, which is oriented toward recruiting junior high school and high school students to college-directed programs within their own schools.

At MIT, a program of informal classes and educational events for high school students is organized by the High School Studies Program (HSSP), a division of MIT's student-run Educational Studies Program (ESP). However, according to the staff, HSSP is oriented toward students from a more general high school environment.

For this semester, less than 10 percent of the students registered are from Boston public schools involved in court-ordered desegregation. ESP has had no in-

volvement with inner city minority education programs in recent years.

In 1969-70, though, ESP collaborated with MIT Urban Action in designing a model project for the city of Cambridge: the Cambridge Model Cities High School. This was successfully implemented in 1971, and taken over by the Cambridge public school system two years afterward. Since then, a few attempts have been made at designing Black/Third World culture studies programs and remedial review classes within HSSP, but the programs have been unsuccessful due to lack of student interest. According to one HSSP staff member, "we have the facilities and the organization for almost anything — all it takes for any project is some concerned student input."

notes

* Final exam schedules are available at the Information Center, 7-111. Examinations not listed or a conflict in examinations, such as two examinations in the same period, must be reported to the Schedules Office, E19-338, by Friday, April 28.

* The last day to cancel subjects from registration (Drop Date) is Friday, April 28.

* An EE-CS social hour will be held today, April 25, from 3:30 to 5pm in Room 26-217, for all Dept VI faculty, staff, and students.

* The Department of Electrical Engineering and Computer Science has scheduled a meeting for Course VI Juniors to discuss admission to graduate school, graduate school financial aid, and employment prospects. This counseling meeting is planned for Monday afternoon, May 1st at 4pm in Room 10-250.

* A political science open house will be held tomorrow, April 26, in the Student Center Mezzanine Lounge from 4 to 6pm. Come meet the professors and find out about majoring in American politics, international affairs, public policy, foreign relations, political parties, state and local government, political modeling, technology assessment, science law, and much more. Refreshments.

* This is a reminder that May 1, 1978 is the filing deadline for all renewal applicants for the Pennsylvania State Grant. All MIT students who are eligible for this grant must apply and only if he/she is unsuccessful in receiving the grant will MIT provide the missing funds from its own scholarship sources. Students with questions about the program can contact the regional director at (717) 787-1490.

* TCA is sponsoring a donation drive for CARE, Inc. for Mother's Day. For further information, contact TCA, x3-7911.

* A review of summer job opportunities for college students at Guest Ranches, National Parks and Recreation Areas for this coming summer looks good. Students and graduates who are sincerely interested in receiving assistance on locating summer jobs may send a self addressed stamped envelope for a free booklet to Opportunity Research, Lock Box 730, Coeur d'Alene, ID 83814.

* There will be a 1978 summer College Work Study Program on and off campus. All students interested in participating in this program should obtain a Request for Participation Form from the Student Employment Office (Rm 5-119). Forms should be

returned to the office no later than April 25.

* Dr. Robert M. Solow, Institute Professor and professor of economics, has selected the topic, "What We Know and Don't Know about Inflation," for the 1978 Killian Award Lectures. His second lecture will be presented on Thursday, April 27, at 4pm in Room 54-100.

**(Notes are not guaranteed to run. When space is available, official Institute notices have highest priority, followed by other MIT notices, with off-campus notices having the lowest priority. Within each category, free events will be listed before others. Importance and timeliness are also considered.)*

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By popular demand Mr. David Cormier will resume his special lecture series with an authoritative interpretation of Ayn Rand's ideas on Sex and Romantic Love. Following this half hour lecture Mr. Cormier will once again begin a round table discussion that promises to be the highlight of his return to MIT. BLDG 37, Room 212, May 19, 7PM.

Ayn Rand has never been more influential in the world than today. Objectivist Philosophy tape lecture series have been given on board our submarines at sea and most ships in the Navy contain Rand's books in their libraries. Objectivism has considerable support within the Federal Bureau of Investigation and the Central Intelligence Agency. When Ayn Rand gave the commencement address to the graduating class at West Point Military Academy it was only natural that the first two chapters of the Academy's new philosophy textbook be that address. Recently supporters at Sandia dubbed the B-77 "Little Ayn".

Mr. Cormier is a paying subscriber to ERGO and considers it to be the finest student newspaper in the country. His previous lectures at MIT received front page coverage in ERGO. For several years Mr. Cormier has tried to bring Dr. Leonard Peikoff and other associates of Ayn Rand to MIT for an extended philosophy lecture series. Mr. Cormier preferred to have an existing Objectivist oriented student organization sponsor this lecture series, but has now expanded his offer to any reliable student(s) interested in the management of such a lecture series. You will be highly paid for your services. Mr. Cormier is presently involved with a study into the reasons why there is no organized national Objectivist movement today and the managerial-organizational requirements for such an organization.

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news roundup

World

USSR downs jet straying over Russian territory — A Korean Air Lines jet carrying 110 passengers and crew was intercepted by a Soviet jet fighter last Thursday after straying into Russian airspace due to a navigational equipment failure. The passengers say they were fired on by cannon, forcing the pilot to land on a frozen lake. The incident resulted in two deaths, but all the survivors have been returned safely to Japan and Korea.

Italian government ignores new threat to Moro's life — The Red Brigade, which has held Italy's former prime minister Aldo Moro captive for more than a month, has issued another warning that Moro will be killed if the government does not immediately release 13 leftist prisoners. A spokesman for the Christian Democrats said that they decided not to concede to the terrorists' demands after deliberating yesterday in an emergency government meeting.

Nation

Patty Hearst's latest appeal fails — The US Supreme Court refused yesterday to grant Patty Hearst a new trial. The convict's family was said to be "extremely disappointed with the Supreme Court's decision." Hearst may be in prison in a few weeks if further appeals fail, and will not be eligible for parole for 14 months.

First class stamps may go up to 15 cents — The Postal Rate Commission voted last Friday to reject the Carter Administration rate proposal and to hike the price of a first class postage stamp to 15 cents for all users. The Carter proposal sought to have businesses pay 16 cents for each stamp and to let the cost for non-commercial users stay at 13 cents. The Commission's decision will be finalized on May 12. Postal officials said that the new rates, if adopted, could go into effect as early as the end of next month.

Sullivan 6 Principles used

(Continued from page 1)

which would have a large impact on MIT's investment portfolio. He said that selling the stock is less responsible than exerting pressure from within the company, and that continuing with corporations who do business in South Africa under the Sullivan Principles "expresses the hope that things will change."

This is in agreement with the Sullivan Committee letter which reads, "The approach originated and proposed by Dr. Sullivan involves utilizing some of the ideas that have recently transformed our own country. He asks American businesses to enforce human rights in South Africa as they now do in the United States."

Milne expressed hope that American colleges and universities could exert a positive influence toward achieving racial equality in South Africa after speculating that they own between 8 and 10 percent of the stock in American corporations.

"After all, we're not that far out of the woods ourselves," he concluded, referring to previous oppression of blacks in this country.

At this time the MIT committee does not plan to submit any proxies regarding the South Africa issue as the University of Minnesota did this year, though the committee recognizes its option to do so.

The committee is currently in the process of tallying and analyzing replies to a letter of December 2 sent to companies in which MIT holds stock. In their replies, each company is supposed to explain the nature of its involvement in South Africa, the approximate percentage of its assets invested there, and the extent of its compliance with the Sullivan Principles.

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TECHNIQUE — STUDENT CENTER Rm. 451

Poor ratings for college by TV

By Bob Wasserman

The average teen-ager now watches 5,000 hours of television by the time he graduates from high school, while at the same time he spends only 11,000 hours in the classroom, according to Bernard J. Luskin, President of Coastline Community College of California.

Luskin and other college educators have taken advantage of this trend by initiating several broad programs of college-level television instruction. Community Colleges are especially gung-ho on this idea, and in this month's annual conference of the American Association of Community and Junior Colleges televisions in every room of the convention hotel were wired to receive sample course programs.

There now are almost one hundred different television courses being shown for college credit, many of which are costly, professionally made programs that try to approach the usual quality of the average television show. These at-home television courses are generally geared to the "remote learners" who would rather stay home and watch TV than learn on-campus.

Television's effect on learning is a very controversial issue. Television has been accused of everything from lowering high school SAT scores

to something else

to damaging school-children's eyes through radiation and improper eye exercise. While many excellent programs have been shown on public and commercial broadcasting systems, such as "The Ascent of Man" and "The Adams Chronicles", these shows are few and far between. Nor can any television program provide as broad and as factual a view of history as several books or even as one lecturer can.

Robert McCabe of Miami-Dade County Community College estimated that over half of the nation's community colleges have offered television courses for credit, and that 250 colleges use the programs on a regular basis. Such educators as Luskin see educational television as a major force in education for the present as well as for the future. Luskin stated that college and public broadcasting systems have created "one of the most powerful educational networks that has ever been developed in the history of the human being." Luskin, however, is also vice-president of KOCE, an affiliate station of the Public Broadcasting System.

Other college educators have also lost focus of the importance of educational television. Richard Janero, who earlier had resisted "all forms of electronic teaching aids," is now convinced that "our... visual programming can get more people into reading." Yet many college officials complain that people cannot even motivate themselves enough to sit through two semesters of "active" television-watching, much less read about the subject on their own.

Despite the lack of motivation on the part of television watchers, several colleges are thinking about offering a two-year degree centered on the "telecourse". One school which has tried this, City College of Chicago, has reported that only 400 students have received this type of degree in the twenty-two years it has been offered.

Most of the graduates of the City College's television college have been prison inmates, which shows that there is some need for this type of program. According to student profiles, many of the telecourse watchers are mothers unable to leave their children alone at home, and the handicapped and elderly. The average watcher is ten years older than the average on-campus collegian and studies show that a growing number of watchers of these educational programs are workers on their lunch hours.

For those of us who find lectures at MIT hard to follow sometimes, it seems incredible that anyone could concentrate on a TV show at home. Class discussion for these telecourses is out of the question, of course, as are questions to the lecturer. Even educational television's strongest point is weak, referring to the advantage of attracting the "remote" learner. While it is true that many viewers must watch college courses on television somehow it seems that these televiewers, by bypassing the college campus, are missing out on one of the most important aspects of a college education.



Lévesque guilty of faux pas

By Michael Taviss

MIT has a fine sense of the exotic in choosing the nations with which it occupies its time. In the past few weeks, South Africa and Iran have been the leaders on the controversy charts. If a political leader of one of these nations, or even a member of either of these country's governments made a visit to Cambridge, you can easily imagine the furor such an incident would create.

Let's get closer to home, though. Last week the leader of a neighbouring political entity gave a talk at Harvard, causing only a whisper on our campus. What's more, this man's plans might well mean economic upheaval for the entire New England area, including MIT. Shouldn't we be even the least bit interested?

I am talking, of course, of Premier René Lévesque of the Canadian province of Québec, whose platform calls for the separation of Québec from Canada. As a Canadian, and a Québécois, I felt it my duty to make some sort of comment.

Premier Lévesque was supposed to discuss "Independence and Québec's Economic Future". I will admit that he *did* mention the word economy in his speech. Most of the speech's content, however, seemed to be aimed at impressing and befriendng the Sanders Theatre audience rather than giving a coherent account of how Québec intends to survive the economic chaos which will surely follow if it separates from Canada.

Indeed, I have rarely heard such a confused mass of contradictions and such an erratic treatment of subject matter from any speaker, much less a man who is the leader of a province with one-fifth the land area of the US. I know for a fact that M. Lévesque is an excellent speaker of English and a fine debater. From a man so articulate I expected a better show.

As for content, the Premier tried to talk on more than a dozen topics, and thus ended up speaking comprehensively on none. He made the usual gambit of comparing Québec to the United States, specifically Boston at the time of the Revolution. Then he started to quote statistics, but could only give approximate figures, which is no way to argue with numbers. This also showed his lack of preparation.

Later on came a beautiful segment of the lecture where M. Lévesque made a new comparison. This time the whole point was to show how *different* Canada (and Québec's) history was from that of the US. This, of

course, completely negated his previous discussion of the similarities between the two.

At several points M. Lévesque interrupted himself to invite the audience to come to Québec and see for themselves what a wonderful place it was. Then he seemed unable to start again on the same subject that he had been discussing a moment before.

After a good deal of rambling the subject of Québec's independence was brought up directly. But first the audience had to be told several times that

the party in power, the Parti Québécois, was scrupulously honest and devoted to the greater good of the majority. "We are basically the most *staunchly* dedicated party to democracy in the Western world," said Lévesque.

All this meant was that the citizens of Québec would have a fair shake at deciding their province's future in a referendum. This is all fine and good, but M. Lévesque also managed to avoid giving any solid facts about the referendum, other than it would be held before the next election. This was a safe statement for him to make because there's a good chance that if the Parti Québécois waits any longer, they won't be in power after the election.

UAP thanks undergrads

To the Editor:

As the recently elected UAP/VP team, we would like to thank the undergraduates for their support in last Wednesday's election, and for what was the largest turnout at the polls in many years.

We both appreciate the interest and support shown by many members of the community in our plans to use the Undergraduate Association as an effective tool for the student body.

We will be holding our first General Assembly meeting April 26 at 8pm in room 400 of the Stu-

The Tech column sexist

To the Editor:

I am offended by Bob Wasserman's editorial on a recent suicide at MIT. It is offensive to me, a woman, to suggest that because there are not enough women at the Institute to "service" the sexual needs of the academically-pressured males on campus, that the administration should resort to other methods to establish a more balanced male/female ratio. It is also grossly presumptuous of Mr. Wasserman to assume that V. Gorlov

Then came two marvellously insincere statements by Lévesque: "I think Canada has a lot of staying power," and "We care about Canada." For crying out loud, if you care so much, why do you want to leave? And if you do leave, as you are trying to, Canada obviously doesn't have that much staying power.

Another naive statement by M. Lévesque was, "Maybe then [after separation] there will be the possibility of real friendship with them [Canada]." I'm afraid I can't quite see how you make friends with someone by divorcing or separating yourself from them.

Overall, as a Québécois I must say that I was disappointed with this speech, and somewhat disillusioned with my Premier. I thought René Lévesque was an intelligent man, a good politician, and an excellent speaker. Previously it was only his ideals that I disliked. Now I'm not quite so sure of the above three qualities.

One thing I'd like to see is a repeat of certain events of last year. Premier Lévesque spoke at the New York City Economic Club, and his speech was followed by Prime Minister Trudeau's presentation before the US Congress. Why shouldn't history repeat itself? If the Jodidi Lecture can invite M. Lévesque to address a Harvard audience, why can't LSC invite Prime Minister Trudeau to speak at MIT?

dent Center. We look forward to continued interest, input and support from the undergraduates at MIT and we hope that anyone interested will attend this meeting.

We would appreciate any ideas or suggestions relating to the UA or to student life in general that you have to offer. Please feel free to call us or drop by the UA office (W20-401 x3-2696).

Barry A. Newman '79
UAP

Tim Morgenthaler '80
UAVP
April 19, 1978

was heterosexual.

I only have to remind myself that Mr. Wasserman is very much a part of our overly sexually-titillated society that is flooded with literature that displays women as objects of pleasure, to be owned and mutilated, to understand why he would even consider "single sex dorms as a crime to everyone concerned."

Penny Simpson
Secretary, Dept. of Architecture
April 12, 1978

The Tech

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Scientists solve Turkey quakes

MIT scientists have observed that earthquakes along the North Anatolian fault in Turkey occur more frequently when the moon's monthly tidal deformations of the earth produce maximum pull effect on the fault surfaces. An analysis of about 60 immediate to large earthquakes which occurred during the last 10 years revealed that earthquakes are twice as frequent at the peak of the bi-monthly tide. "This surprising result has important implications and potential benefits in the area of earthquake prediction," said Professor Earth and Planetary Science

Nafi Toksoz. "If we can get a statistical estimate of the chance of a damaging earthquake happening at a particular part of the earth-tide cycle, it will help in narrowing down the possible occurrence time of an oncoming earthquake predicted by other seismic and tectonic evidence."

Professor Toksoz made a detailed study of 60 earthquakes on the western section of the North Anatolian fault from the last 10 years, which revealed a two-to-one ratio of earthquakes occurring at the peak of the bi-monthly tide.

The tidal deformations of the

earth are caused by the same gravitational pull of the sun and the moon that produce the familiar ocean tides. To a lesser extent, these tidal attractions also pull the solid earth towards the sun and the moon, and produce stresses within the earth.

There are two important components of this tidal force on an earthquake fault. One is the force that pulls apart the fault surface, known as the unloading stress; the other is the force that enhances the relative sliding movement of one side of the fault with respect to the other, known as the shear stress. These tidal stresses are very small — the pressures exerted are only a few percent of atmospheric pressure — but they can trigger earthquakes. (It is known that the earth's tidal pull on the moon is responsible for triggering moonquakes.)

C's insecta non grata

Editor's note: The trials and tribulations of dormitory life can be quite frustrating sometimes. Occasionally one is forced to resort to the use of an editorial, such as this one.

(reprinted from October, 1953) It was recently brought to our attention that MIT has essentially shut out the East Campus flies, mosquitoes and other aerial marauders in their place. The In-

operations. We have been led to believe that it has decreed that no fly (noun), mosquito, or the like is to fly (verb intransitive) at an elevation greater than ten feet above the ground. To indicate this, only the first floor windows of the East Campus Dormitories are supplied with screens. We have no indication as to whether or not the insect world will rise in revolt against these restrictions upon their freedom, but we are sure that East Campus residents will be quick to refer them to some Judicial body for punishment, if they do. Such is life.

Looking back

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with Leslie Howard

6:00 9:45

CINEMA II

April 26-29 Wed-Sat

TOUCH OF EVIL

5:50 9:40

and Billy Wilder's

DOUBLE INDEMNITY

7:45 Wknd Mat 3:55

April 30-May 2 Sun-Tue

THE LATE SHOW

6:00 9:30

and Clint Eastwood in

DIRTY HARRY

7:40 Sun Mat 3:10

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Slade's *Tribute* definitely not a lemon

Tribute, at the Colonial Theatre, 106 Boylston St., Boston. For information, call 426-9366.

By Kathy Hardis

Tribute, a new play starring Jack Lemmon, is the story of a tribute to Scottie Templeton's life. This tribute occurs in the form of a testimonial taking place in a theatre; Scottie, the friendly, funny Everyman whom we all know, has so many friends that the only place they can put us all is in the theatre.

The "tribute" also occurs in the form of a series of flashbacks about his life. Beneath the façade of a man with a gift for laughter and a zest for living, lies a man afraid to fail, afraid to accept reality, and afraid to get to know his son.

Lemmon's portrayal of the multi-faceted Scottie is nothing less than brilliant. The part was written expressly as a vehicle to show off Lemmon's talent as a comic, a serious actor, and a pianist.

The only thing Scottie does well is to live and have fun, using the whole world as a straight man. "Who wants to go through life playing to an empty stage?" he jokes, as he turns the most serious of situations into a stand-up comedy routine.

But his only son Judd (played by Robert Picardo), born from Scottie's first unsuccessful marriage, doesn't see him in such a favorable light. Serious, withdrawn Judd views his father as one who uses jokes to shut out reality, and clowns his way out of responsibility, including the responsibility of caring for a growing son. Unfortunately,

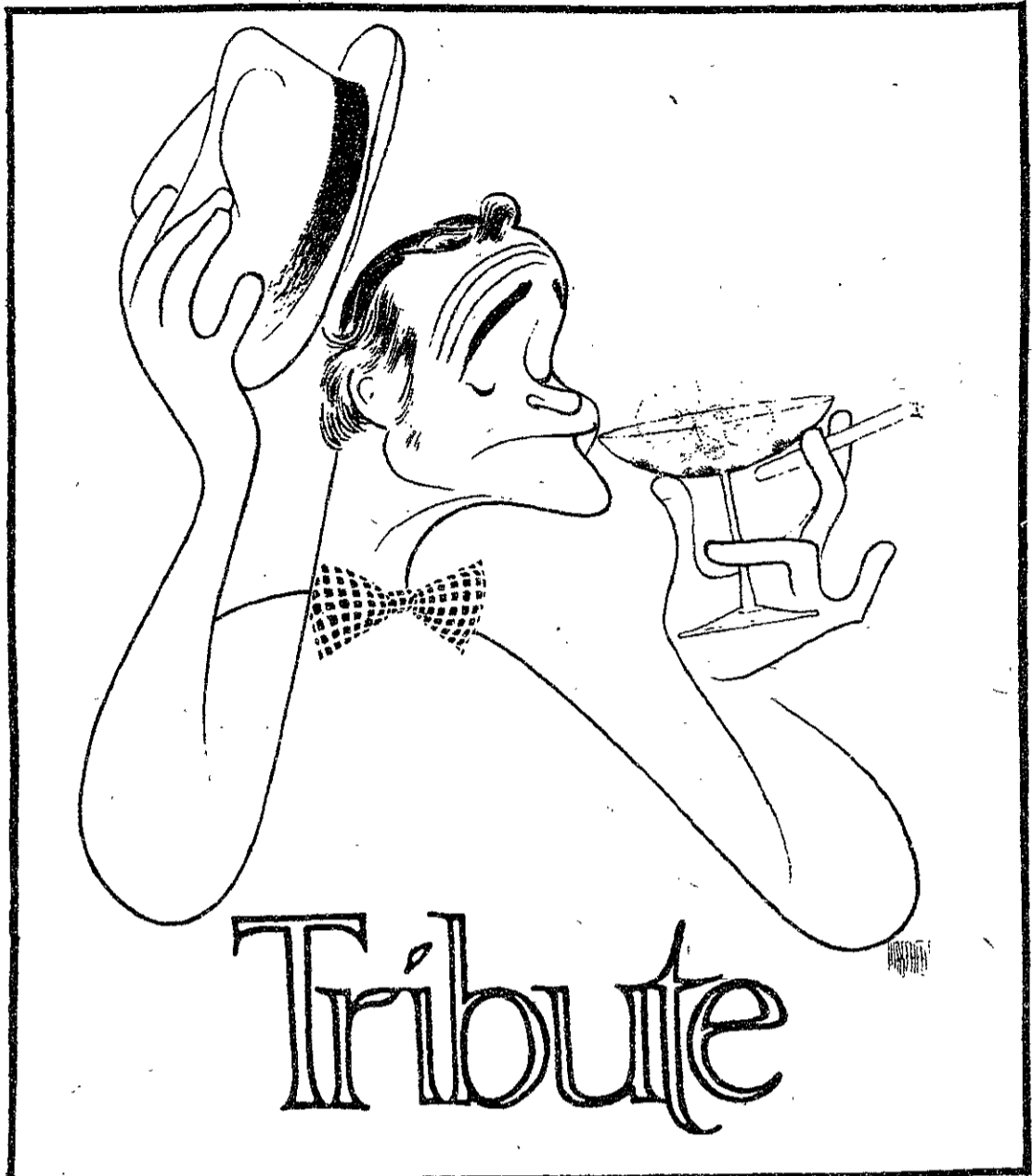
this assessment from the now-adult Judd is not far from the truth.

Their tenuous relationship is complicated by the fact that Scottie might be dying of cancer. His view of death is typical of his view of life — "If a friend dies, you lose a friend. If you die, you lose all your friends." Yet his cancer necessitates the immediate yet difficult bridging of the ever-widening gap between him and his son.

Such a situation had a potential to verge on being a maudlin soap opera, yet the playwright Bernard Slade handled the plot and theme very deftly. Scottie doesn't die; he lives and even manages to be given a tribute by all his friends. But in the end, when called to speak at his own testimonial, he for once doesn't want to tell his usual series of jokes. In a very touching final scene, Scottie Templeton is at last serious. All he wants to do is talk with his son.

Although Lemmon was by far the most outstanding member of the cast, the remaining actors were all very good, most notably Catherine Hicks as Sally, Scottie's young vivacious blonde friend, his doctor (played by Tresa Hughes), and Rosemary Prinz as his first wife with whom he's still surprisingly friendly.

Tribute is a very funny play with a very poignant subject; it, like its protagonist, uses a series of jokes to mask an underlying seriousness. The script is well written, superbly acted, and undoubtedly will be a major success when it reaches Broadway. I strongly suggest seeing it in Boston first.



happenings

AROUND MIT

Chapel Concert: Organ and harpsichord recital by Beverly Scheibert, who will perform the works of Bach, Buxtehude, and Couperin. Thurs. April 27 at the Chapel at 12:10pm; free.

The Mezz, Fri. April 28, 9-12pm. Performers and refreshments in a relaxed atmosphere in the Mezzanine Lounge.

MIT Open House, An opportunity for the public to see what goes on at MIT. There will be lectures, demonstrations, guided tours and exhibits. Sat. April 29, noon-5pm all over campus.

AT THE MOVIES

It's a *Mad, Mad, Mad, Mad World*, the Midnite Movie, Sat. April 29: bring a blanket and sit on the floor, 2nd floor of the Student Center; free.

This week's LSC lineup:

Master of the World, the Drop Date Eve Movie. Admission free with MIT or Wellesley drop card, cards available at the door. Thurs. April 27, 8pm in 26-100.

Little Big Man (Fri.) 6:30 & 10 in 26-100.
Wizards (Sat.) 7 & 9:30 in Kresge.
Rebecca (Sun.) 6:30 & 9:30 in 26-100.

IN TOWN

Elvis Costello and the Attractions, with Mink De Ville, and Nick Lowe and Rock Pile, Thurs., May 4, 7:30pm at the Orpheum; tickets \$6.50-\$7.50.

Warren Zevon at Berklee Perf. Center, May 5 at 7pm; tickets \$7.50.

Renaissance, with Al Di Meola at the Music Hall, May 6, at 8pm; tickets \$6.50-\$7.50.

David Bowie at the Boston Garden, May 6 at 8pm; tickets \$7.50-\$10.

Millie Jackson, with The Four Tops at the Orpheum Theatre, May 3 at 7:30pm; tickets \$7.50 & 8.50.

The Manhattans, with B.T. Express at the Orpheum Theatre, May 11 at 7:30pm; tickets \$7.50 & 8.50.

Jefferson Starship, May 19 & 20 at the Music Hall; tickets \$8.50-\$9.50.

Pompeii AD 79, a fantastic exhibition at the Museum of Fine Arts 479 Huntington Ave., Boston. Open Tues. 10am-9pm, and Wed.-Sun. 10am-5pm. Free w/student ID, Tues. 5-9pm.

Philip Pearlstein Exhibition at graphics 1 and 2, 168 Newbury St. in Back Bay, through June 3, Mon-Sun. 9:30am-5:30pm; call 266-2475.

Roots of Contemporary Art — William Blake, film and discussion of the artist at

the Inst. of Contemp. Thurs., April 27 at 2pm Art, 955 Boylston St.; call 266-5151.

IN THEATRE

Ruddigore, presented by the Harvard Gilbert & Sullivan Players, at the Agassiz Theatre, Radcliffe Yard April 13-29; Thur., Fri., Sat., 8pm and Sun., 2:30pm. Tickets at Holyoke Center; call 495-2663.

Tribute, starring Jack Lemmon in the Broadway-bound play at the Colonial Theatre, 106 Boylston St., Boston. For info, call 426-9366.

Waiting for Godot, Beckett's classic, at the Boston Arts Group Theatre, 367 Boylston Theatre St., Boston. For info, call 267-7196.

Ashes, at the Next Move Theatre, 955 Boylston St., Boston. About a married couple trying to conceive or adopt a child, light and sensitive. For info, call 536-0600.

One Man's Journey, multi-media black comedy centering on mid-life crisis, at the Caravan Theatre, 1555 Mass. Ave., Camb.; Wed., Fri., & Sat., at 8:30 through May 27. Tickets \$3 call 354-9107.

Turkey Soup, at the Charles Playhouse 74 Warrenton St., Boston (Stage 3). Performances Thur.-Sun. (various hours); call 227-7708.

— Leigh J. Passman

I'm Tired...

because almost no one wants to work/play with our computers. So just I and a few other people do. We get to process copy and use the copy camera and do paste-up and shoot and develop negatives. And since nobody wants to join us, we stay up far into the night. It seems a shame, because those of us who do work here can make money on ad set-ups and outside production jobs. But I guess I'll keep staying up until morning and playing with our computerized text editor and having fun in the darkroom, because almost no one is interested in working on production staff at

The Tech

a female staffer

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sports cont.

Strong lightweight crew nipped by Harvard

By Jim Van Dusen

The Charles River was packed with crews from six schools, some of them the best in their leagues, to compete with the Tech crews this past Saturday.

A strong Tech lightweight crew, coming off a solid win over Yale last weekend, fell just short of a victory over perennial champion Harvard. Dartmouth was also in the race but was not as competitive as usual. Due to the severe winter, they are only now getting water time.

The varsity boat, composed of bow, Sy Danberg '78; 2, Carl Duda '78; 3, Paul Rothman '80; 4, Dan Ehrenfried '80; 5, Doug Bors '79; 6, Carl Hampf '78; 7, George Blossom '79; stroke and captain,

Jim Bidigare '78; and coxswain Lee Moriwaki '80 was down by a boatlength (about four seconds) at the 1500 meter mark of the race, the Pierce Boathouse. The crew started an impressive sprint at this point. The Harvard crew, threatened by the oncoming MIT oarsmen, eked out a slim victory of only .2 seconds, 6:11.8 to 6:12.0. Dartmouth trailed with a time of 6:26.0.

Coach Bill Miller, while unhappy with the outcome, was not disappointed. "That was one of the gutsiest efforts that I've seen out of an MIT crew. Harvard tried to break the crew at the 1500, but when they came off their effort, we really flew at them." The lights will have another shot at Harvard at the Eastern Sprints, to be held May 14 in Worcester.

The lightweights came closest to victory of any of the varsity crews on Saturday. Both the women and heavyweights faced strong crews and were unable to finish on top.

Women's powerhouses Yale and Princeton left MIT trailing as they slugged out a strong contest for the Eisenberg Cup, sponsored by Dean for Student Affairs Carola Eisenberg. Yale looked solid with a 5:11.5 finish over 1500 meters, with Princeton (5:25.0) and MIT (5:40.5) following them.

The women fared better last weekend, narrowly winning their race against Brown and Mt. Holyoke. A .2 second margin was the decision, as the Tech boat rowed past Brown in the final 500

meters. Holyoke trailed these crews throughout the race.

A young heavyweight varsity faced area rivals Northeastern and Boston University, two of the better teams around. The MIT crew led the race for the first 500 meters, but was unable to maintain the pace they had set for themselves as Northeastern and BU finished ahead of them. Northeastern won the race by a .7 second margin over BU (6:03.9 to 6:04.6) and MIT finished with a time of 6:15.7.

MIT's heavyweight crew is in

the process of rebuilding, and has also faced some key injuries. Sophomores make up over half of the boat.

"The varsity boat", (filled by bow John Jaynes '78; 2, Carrick Davidson '78; 3, Mike Nuttal '80; 4, Gary Smith '80; 5, Paul Denny '79; 6, Ed Gillette '80; 7, Russell Blount '80; stroke, George Florentine '80; and cox Howie Sidler '79), "was pleased with its performance, even though it was not victorious. The crew is steadily improving with more racing experience," said captain Davidson.

Tennis ready for New Englands

By Helen Miyasaki

Avenging last year's 5-4 loss, the MIT men's tennis team won 5-4 against the University of Vermont on home courts last Friday, but lost to Trinity 9-0 on Saturday.

On Friday, after the six singles matches, the score was tied 3-3. Neil Rockowitz '78, Stan Drobac '79, and Yusuf Manniya '79 won first, third, and fourth singles, respectively. The third doubles team, Marcus Julian '79 and Neil Soiffer '78, then lost 6-3, 6-2 which put the first and second doubles teams in a very pressured situation.

Rockowitz and Reid Sheftall '79 played a very exciting three set match at first doubles. After dropping the first set, 1-6, they came back to win 7-5, 6-4. Both played extremely well, winning several long points with down-

the-alley shots and well-placed overhead smashes. The atmosphere on the court was less than friendly when Vermont players sent a few stinging remarks as well as balls across the net.

Manniya and Drobac wrapped up the match, winning second doubles 6-3, 2-6, 6-3. The Vermont second doubles team included Rockowitz's younger brother.

Sheftall's absence hurt the team Saturday as they played on Trinity's red clay courts. Rockowitz had the lone three-setter, and Julian and freshman Joe Pasquale lost close matches 7-5, 6-3 and 6-4, 7-5 respectively.

The freshman team also lost 5-4 but were pleased by their performance against Trinity's very good team.

The men meet Brandeis at home on Monday and Clark on Wednesday. The New Englands begin Thursday with finals on Sunday; traditional powerhouses Yale, Harvard and Dartmouth will be present. MIT hopes to place in the top 10 of the more than 30 participating schools.

sporting notices

Team registrations for intramural cycling are due on entry cards by 5pm on Friday, April 28, at the IM Office, W32-135. Individual entries will be accepted up to 9:45am on Sunday, April 30, the day of the race. All racers are to register in Kresge Parking Lot between 9:00 and 9:45am on the day of the race and then ride out to the starting point. The race will start as close to 10am as possible. Contact Gary Gammon at x5-7389 for more information.

* * * *

Due to schedule problems, the dates for intramural fencing have been changed to May 1-5. All matches will be held in the evening. Rosters are due April 27 at 5pm. Note: this is EARLIER than previously stated.

Fencing tournament intramural 'mini-season'

By Gordon Haff

For the first time, MIT's intramural program will be featuring fencing this spring. The brainchild of Eric Sollee, the coach of men's and women's varsity fencing, this new sport will have between ten and twenty teams consisting of three fencers each.

Those competing in the tournament, which will be held over a one week period, must either have taken PE Fencing during the last two years or have passed a proficiency test given by Sollee. When Brian Wibecan '79, the manager of the men's varsity fencing team, was questioned as to whether there were enough competent fencers on campus, he replied that he knew "quite a sufficient number of competent fencers."

The season will be in the form of one large tournament consisting of both double elimination and individual finals. The week of this tournament was moved up from its original dates because of conflicts with other large events, such as Kaleidoscope. These problems were mostly associated with getting directors — there have been no difficulties with getting the fencing room or equipment, according to Wibecan.

IM Fencing is the last of a series of intramurals with "mini-seasons" consisting of one day to one week tournaments. For the most part these sports are individual activities which are normally not pursued on a competitive basis below the varsity level. The most recent addition to this group was IM Weightlifting two years ago. Others are cross country, track, cycling, crew (Class Day), wrestling, and rifle.

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W water polo undefeated

By Gregg Stave

Although the club is less than two years old, the women's water polo team is currently undefeated after four intercollegiate contests this season. The club was originally organized by Carol Brown '78, Tina Kangas '78, and Abby Griffin G, and played its first game in the fall of 1976.

Born out of the enthusiasm of intramural water polo players interested in learning the fundamentals of the game, the team has been developing rapidly. Water polo has both a spring and fall season. The club, with a roster of fourteen women, is presently in its third season. There was no team this past fall because of the lack of available players.

Sam Senne '78 served as the team's first coach. Senne was then captain of the men's swim team and a member of the varsity water polo team. Starting from scratch, Senne, assisted by Dick Henze '78, built up the team. Only Carol Brown had played intercollegiate water polo before. This spring, Henze has taken over as coach. Henze was captain of this year's state champion water polo team. Under his tutelage at four practices every week, the team has made dramatic progress.

In practices, fundamentals are emphasized. The team goes through ball handling and shooting drills as well as working on picks and specific plays. The technique of stop-action scrimmages has greatly improved the team's awareness. In addition, the women work on conditioning. Games consist of four seven minute quarters, longer than A-League intramural games.

Practice has been paying off. In their first game this season, despite having problems moving the ball down the pool, the team outshot Harvard and scored a decisive 6-3 victory. Against Wellesley, MIT won a close contest 4-2, capitalizing on their opponent's mistakes. Half of Wellesley's pool is shallow but players cannot touch bottom and it was difficult for MIT to adjust to the unfamiliar situation. As they gained more experience playing together, teamwork and communication improved and the team rolled over Tufts 6-3 after a scoreless first quarter. An effective combination of good hole shots and well executed dead-time drives powered the offense. In a rematch with Wellesley this past Saturday, MIT won 5-3 in a game that was not as close as the score indicates. Although it was a sloppy game in parts for both teams, MIT was more aggressive and dominated the game by forcing Wellesley to play Tech's style of game. After correcting some early problems of advancing the ball and closing in on the hole, MIT started to work as a team and began putting goals on the scoreboard.

The main offensive punch has been provided by Kelly Gamble '79, Sheila Konecke '80, and Carol Brown '78, although the en-

tire team has showed continued improvement. Sue Hanson '78, in goal, has played consistently well. Libby Guethlein '81 and Sue Donahoe '81 are improving quickly as they adapt their swimming ability to the game. Carol Seigel '78, chosen as most improved on this years women's swim team, is also making rapid progress.

Even though six members of the team are also varsity swimmers, the game they play is a balance between swimming and ball control. They have spent a good part of the season learning not to rush and have been successful at forcing other teams to play at MIT's tempo. A great deal of effort has gone into improving aggressiveness, timing, communication and basic skills. Communication between players, aggressiveness, and awareness are essential ingredients for success. Water polo is a contact sport that is played by a set of rules that dictate the style of play, such as fouling on purpose to prevent a shot.

MIT's record will be on the line

this Friday and Saturday when the team travels to Wellesley for the Women's New England Championship tournament. Participating teams include MIT, Wellesley, Boston University, Tufts, Harvard, current champion Boston College, and possibly UMass, and Brown. In preparation, this week the women will work on tuning up the offense by the use of picks, establishing inside water, and ball side driving. Defensively, they will concentrate on covering up and on switching to prevent the fast break. Looking forward to the tournament this weekend, Coach Henze feels that it will be "an exciting tournament if the team can continue its heads up play and aggressive spirit."

Looking to the future, the team loses four seniors at the end of the season. The water polo club is looking for new members so that there will be enough people to have a team next fall. After this season's remarkable showing, it would be a shame if there were no team when it came time to celebrate their second birthday.



A MIT Rugby player boots the ball during the Club's game with Ecoles Nationales de Veterinaires. (Photo by Gordon R. Haff)

Seventh inning disaster for baseball team

By Tom Curtis

In the first game of a doubleheader with Coast Guard Saturday on Briggs Field, the varsity baseball team got its best pitched game since the first game of the season, made no errors for only the second time this year, and hit two doubles, as many doubles as in any other game this season. Yet, somehow, some way, the Beavers lost the game, 2-1.

It almost seemed like a crime. Peter Steinhagen '79 carried a no-hitter into the fifth inning. Going into the seventh and final inning, he still had a one-hitter and a shutout. However, two long shots, one a home run, the other a double which scored a runner from second, took the shutout

and the victory from Steinhagen.

Junior Steve Garverick's double in the second inning led to the Beavers' only run. Sophomore Tom Griffin collected the RBI with a single.

Two plays which went against the Beavers hurt MIT tremendously. In the top of the seventh with two out, a possible third strike was appealed to the infield umpire. The umpire ruled the Coast Guard batter did not swing. If the ruling had gone the other way, the score would have been only 1-1 going into the bot-

tom of the inning.

The second play occurred in the bottom of the seventh when Rick Olson '78 hit a hard line drive to left field. Pinch runner Tom Cosgrove '80 charged around the bases from first and appeared able to score easily. However, the ball bounced over the fence, the play was called a ground-rule double, and Cosgrove was forced to stop at third.

MIT both outhit and outfielded the Cadets. The Beavers led in batting, five hits to three hits, and in fielding, no errors to one error.

The second game appeared to be a repeat performance of the first game until the last inning. In the first six innings, pitcher Rick Olson allowed only four hits and one run, yet he was losing. A five-run Coast Guard seventh inning removed whatever claim Olson might have had to a victory however. Coast Guard won 6-0. MIT was shut out for the fifth time this season.

The Beavers' record is now 4-9. The team's next opponent is Suffolk (3-6) who will visit MIT today at 3pm on Briggs Field.

on deck

Tuesday
Baseball vs. Suffolk 3pm
Women's softball vs. Boston University 4pm

Wednesday
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Men's Tennis vs. Clark 3pm

Thursday
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