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in the news

INSIDE

The TCA is hoping to raise over 2,000 pints of blood during their annual spring Blood Drive to be held in March. To supplement the usual fine student support the TCA is making an effort to increase staff and faculty donations.

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For the ninth consecutive year, the fencing team finished first in the New England Championships. The next major stop for the team is the Eastern Championships where Mark Smith '78 will be defending his individual foil title.

p12

EXCERPTS

People have been acting like jerks since time began, and there is not much anyone can do about that. But when one person, or group of people, begins by his actions to infringe upon the rights of others, the matter begins to get serious. Worse yet, when a general feeling grows up that such actions are not only acceptable, but desirable as the "cool" thing to do, then the community which fosters such a feeling is in deep trouble.

There is a tendency to write off a great deal of irresponsible behavior to school spirit: to the fact that the football team just won a close game, or that a Harvard man just insulted the Big Green. But the fact is, putting your hand through a window because the football team just won is not spirited, but stupid. Likewise, "trashin" a candy machine in a Harvard dormitory is not "cool" but reprehensible — not to mention being illegal.

There is also a tendency to write off a great deal of irresponsible behavior to an over-consumption of alcohol, a tendency which is as age-old as people acting like jerks. While it is the responsibility of the community to castigate him — and not excuse or idolize him — when an alcoholic euphoria leads him to throw a keg through a fire door.

—The Dartmouth

ERRATA

In last Friday's issue of *The Tech* it was incorrectly reported in "News round-up" that among the historic airplanes destroyed during the fire at San Diego's Aerospace Museum was Lindbergh's *Spirit of St. Louis*. The museum had only a replica of the plane; the original is still being exhibited at the Smithsonian in Washington, D.C.

Baker programmers win nationals

By Steve Kirsch

Despite numerous difficulties, a team of four computer science majors from Baker House won the Second Annual National Association for Computing Machinery (ACM) Student Programming contest held last Wednesday in Detroit in conjunction with the 1978 ACM Conference.

The team, Abe Lederman '80, Larry DeMar '79, Curt Sanford '80, and Dan D'Eramo '80, came in first in a field of 24 teams representing schools from all over the country. Eighteen of the teams, including MIT (see *The Tech*, Feb. 1), had won regional contests or had come in second.

The object of the contest was to solve four computer programming problems as fast as possible using ANSI FORTRAN. All four problems were given to each team at the start of the contest, and the team received one "problem-minute" for each minute that each problem remained unsolved. Unlike the regional competition, teams were charged points for every run: 10 points for a "test run" in which the team supplies its own test data and 15 points for a "judged run". In a judged run, the teams are only told whether their answer was a) right, b) right but printed in the wrong format, c) right but did not use ANSI FORTRAN, or d) wrong. Teams were not permitted to see the output from a judged run.

The contest was scheduled to begin at 6pm Wednesday and run till 1am the next morning. But scheduling problems delayed the start of the contest until almost 7 pm so the end of the contest was extended to 1:30 am.

Michigan State turned in the first successful problem solution at 10:30 pm. Two hours later, Sanford of the MIT team turned in a successful solution to the problem he was working on. By 1:15 am, MIT had two solutions: Lederman had solved the problem he had been working on — the same problem Michigan State had turned in earlier.

At 1:20 am, only three solu-

(Please turn to page 2)



The MIT programming team of Larry DeMar '79, Abe Lederman '80, Dan D'Eramo '80, and Curt Sanford '80 came in first at the second annual ACM Student Programming Contest last Monday in Detroit. (Photo by Dale Senechal)

Students prefer Great Court

By Jordana Hollander

MIT students are more concerned about how many tickets they can get for Commencement than about where the annual ceremony is held, according to preliminary results of a survey by the MIT Student Committee on Commencement.

Besides expressing concern over being limited to two tickets each, the students also noted a preference to hold the Commencement ceremonies in the Killian Court, as opposed to the present location, Rockwell Cage.

According to the survey, the most popular plan was to divide commencement into two separate ceremonies, one for undergraduates and one for

graduates. Of the students responding, 78 percent favored split ceremonies, 17 percent favored one ceremony, and 5 percent expressed no preference.

The other suggestion was to hold small ceremonies where diplomas are distributed by the department heads to be followed by a shortened Institute-wide ceremony. The general student response to this was 49 percent approval of the current system, 40 percent of having departmental presentations and 11 percent indifference. Of the seniors asked, 55 percent favored the present system, 32.6 percent favored departmental ceremonies and 12.4 percent didn't note a preference. The freshman

response, by comparison, was that 47 percent would rather keep the present form, 43 percent would like the change and 10 percent didn't care.

The committee sent out three to four thousand questionnaires and have received over nine hundred completed forms, an excellent response for surveys at MIT, according to Michael Tobias '78, head of the committee. They hope to receive 1,000 answers by the end of the survey. The return rate has so far been 33 percent, with a 40 percent return for seniors.

The survey will have no effect on this year's graduation, however, because the commencement ceremony has already been scheduled for Rockwell Cage.

Committee to study CIA link

By Elaine Douglass

MIT announced last week that it has established a committee, similar to one already in existence at Harvard University, to study the Institute's past relationship to the CIA.

Both of the committees had

been organized after the CIA notified Harvard and MIT that they unwittingly participated in the controversial and covertly funded CIA project on mind control, MK-ULTRA. MIT's participation, however, was not substantial.

The new regulations at Harvard University require that all institutional contracts with the CIA should be made public, members of the Harvard community should not serve as covert recruiters for the CIA, and members of the Harvard community should not undertake intelligence operations for the CIA. Harvard will not require that individual consulting arrangements be made public.

Harvard believes the CIA should not employ members of the Harvard community in an unwitting manner. Therefore, no member of the community is permitted to assist the CIA in obtaining the unwitting services of another member.

Harvard, however, has not repudiated intelligence activities as such. "In this era of international tensions and difficulties, it is extremely important for the United States to have an effective system of foreign intelligence," the newly promulgated guidelines declare.

The regulations are the result of a study made last year by a group organized to examine Harvard's relationship to the US intelligence agencies. The recommendations were adopted by Harvard President Derek C. Bok.

Members of the study group were Archibald Cox and Don K. Price, faculty, and Henry Rosovsky and Daniel Steiner, administration

(Please turn to page 10)



Robert Resnick '77 was reelected last Sunday to his third term as Association of Student Activities (ASA) President. The other new officers of the ASA Executive Committee are Steve Berez '80 (Treasurer), Gordon Haff '79 (Secretary), Dave Schaller '78 (Member at Large to the Finance Board), and Ed Hunter '79 (Member at Large). (Photo by Chuck Irwin)

Problems plague ACM contest

(Continued from page 1)

tions had been turned in: two from MIT and one from Michigan State. So the contest organizers decided to extend the end of the contest to 3 am.

The results at 3 am: MIT first with two correct solutions, New York University second with the same two problems solved as the MIT team, Michigan State third with one problem and Purdue University fourth with one solution. No other team turned in a correct solution, so a plaque for the fifth place team could not be awarded.

Problems with the system used to generate the punched cards that the computer uses for input frustrated all teams in the contest. Because the contest was held in the Detroit Plaza Hotel in the Renaissance Center, contest officials decided to provide six professional keypunchers to handle all the programs from the 24 teams, instead of providing one keypunch for each team as was done last year when the contest was held at Georgia Tech, where providing each team with one keypunch was relatively easy to do.

According to members of the MIT team, this system led to wait times of about two hours for decks of 50 to 100 cards. Unfortunately for the competing teams, the keypunching was far from perfect. "I'd say that the keypunchers had about 50 percent accuracy," D'Eramo noted.

Two "express" keypunches with a 10-card limit were provided for teams to correct cards with errors. DeMar noted that many teams took advantage of these keypunches: "Probably about one-half to two-thirds of the people were in line at any time. We kept staggering our people in the line. We averaged about one-half our team in line at all times." Typical wait time for the express keypunches was 90 minutes.

"There was one problem in there which every team should have been able to solve," Sanford said, "but the only reason it wasn't was because of the conditions under which we were operating."

Sanford revealed the secret to MIT's success: "The key to the contest was getting your stuff in early."

After spending an average of three and a half hours getting a card deck punched and corrected, the wait was only from 10 to 40 minutes for output from the computer. "Things got very slow when one of the two 300 lines per minute line printers broke down [at 2 am]," DeMar said. The computer, a CDC Star 100, which Sanford described as "one of the fastest in the world," did not fail during the contest. While there were four back-up computers for the contest, there were no back-up line printers.

Other problems affected the MIT team: "The keypunchers lost one of my decks," DeMar stated. After waiting 3 hours for his deck and noting that his teammates who had submitted decks after his had gotten their decks back, DeMar started asking questions. Contest officials could not locate his deck or his coding sheet. DeMar had also lost his copy of the coding sheet so he re-wrote his program and re-submitted it. Because of the circumstances, his

new program was given special high priority. He got his deck punched in 45 minutes.

Sanford, the first person on the MIT team to turn in a correct solution, was confident that his judged run would be successful after having been satisfied with the results of his test runs. He was surprised when his judged run came back marked "wrong" with no explanation why. So he went downstairs to the notices board and found that after his "successful" run, the judges had re-defined one of the functions making his run unsuccessful. After an hour wait in the express keypunch line, Sanford corrected five cards and re-submitted his deck. He was successful.

Although the contest had officially been extended at 1:30 am to run until 3 am, from 2:15 am to the end only judged decks were run. Contestants were not informed of this fact, however. Furthermore, since decks were not returned until after the program had been run, those who submitted test decks after 2:15 am never saw them again. DeMar explained possible reasons for this policy: "They wanted those turning in judged runs to have fast turnaround and they didn't think there would be time for people to get their test runs ready for a judged run before the end of the contest."

Contest officials were unable to
(Please turn to page 9)

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Teradyne needs Software Designers

We'll be interviewing on campus March 6, 1978

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Teradyne needs Software Designers - people with a solid grounding in computer science and a desire to apply that knowledge. How might you fit in? Here are a few of the things we are now doing and with which we need help:

1. How does one design a sophisticated computer system for non-sophisticated users? We invest a lot of energy in the man/machine interface.
2. Where do the test patterns come from for a microprocessor or a complicated digital logic board made from thousands of gates? (We're not sure - got any ideas?)
3. A floppy disk based operating system.
4. What advantage would high level system programming languages offer Teradyne? If your ideas look good, we need such languages.
5. Multi-user, interactive operating system containing an incremental compiler.
6. The design of a set of development tools for the 8080 microcomputer - a symbolic debugger, linkage editor, relocating assembler.

Teradyne needs people who enjoy practical rather than purely theoretical engineering. We are looking for folks with an interest in solving real world problems for fun and profit, the energy and vision to make things happen, and - because our ten-year warranty demands engineering thoroughness - a willingness to see projects through from beginning to end.

We will be interviewing at MIT Monday, March 6, for full-time positions, and again on April 4 for both full-time and summer openings. Full-time and summer positions are available in Boston (near South Station), near Los Angeles and near Chicago.

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news roundup

World

Premier speaks on China's future — Premier Hua Kuo-feng detailed the direction of China's development in a report to the National People's Congress last Sunday. Hua proclaimed allegiance to the ideas of Mao Tse-tung, but stressed the need for "comprehensive modernization". Hua also emphasized continued preparation for the "liberation" of Taiwan and the use of material incentives to motivate the workers.

Opponent remains jailed — It was announced Sunday by Philippine President Ferdinand Marcos that his major opponent former Senator Benigno S. Aquino would not be released in time to run in the national elections in April. Aquino is being held for murder and subversion.

Nation

Possible contract for coal miners — President Carter said that he believed the contract ratification for the striking miners had a "good chance." He said that if it failed he would be forced to take "drastic and unsatisfactory legal action", invoking the Taft-Hartley Act. Interviews with United Mine Workers Union leaders showed a definite lack of enthusiasm for the proposed contract.

Additional money for student loans — Grant and low-cost loan programs for students were voted an additional \$ 1.5 billion a year by a Senate committee. This allows students from families with incomes over \$16,000 a year to be eligible for the grants. At almost the same time, the Senate Finance committee voted to give parents a \$ 250 tax cut for each student, to take effect next fall.

Derailed freighter cloaks area in chlorine — A freight train containing tank cars filled with chlorine derailed Sunday near Youngstown, Florida spilling a deadly cloud of chlorine gas over the surrounding countryside. The gas killed eight people and injured 68 others. Most of those afflicted were in their cars on a nearby highway at the time of the spillage. An 80-square-mile area around the accident was evacuated and the 2,500 residents were told they would not be able to return until the gas had dispersed.

Science

Milky Way moving at more than 1,000,000mph — Scientists have found that our galaxy is hurtling through space at a speed exceeding a million miles per hour, relative to the universe as a whole. University of California scientists, who made the finding, also conjecture that our sun could be orbiting an unseen "companion star" which may be a black hole.

TCA seeks more staff donors

Poretz
A Tech too... ght, "Life is a dud, I do nothing but study this crud." He decided to repent, And now he's content, For he has donated a pint of his blood.

— *The Tech*, circa 1975

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MIT Blood Drive in five years, this spring's co-chairmen are going all out to add faculty and staff support to the traditionally fine student support.

Because several hundred people, mostly students, gave blood in the two-day emergency Blizzard Blood Drive and are ineligible for next week's drive, the Technology Community Association (TCA) is looking for more than last fall's 13-percent faculty/staff turnout.

To help in that direction, the Blood Donor appointment form appeared in last week's *Tech Talk* to give the Institute's employees easier access.

Rob Steidlitz '79, co-chairman with Jim McCormack '79, told *The Tech* that the appointment-

making process is the most crucial part of the drive. Last fall's overcrowding occurred as the result of appointments not being made early. The Red Cross, Steidlitz explained, had to schedule nurses and beds before the TCA had a clear idea of how many donors would show up.

For this spring's drive, which runs from Wednesday, March 8, to Friday, March 17, Steidlitz is looking for 1,200 appointments. Last fall's drive had 1,000 appointments but many of them were made too late to help the Red Cross's scheduling problem.

The regular appointment forms are being distributed on campus early this week, and students, faculty and staff are urged to get them in immediately.

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Monday, March 6, 1978

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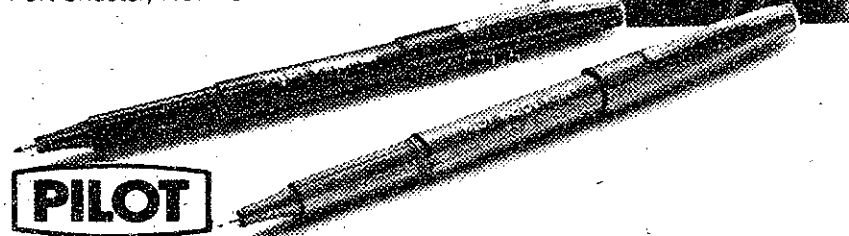
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Technologists and today's new morality

By Bob Wasserman

The United States has entered a new era of post-Watergate morality, but the question of professional ethics has been an important one for science and technology since the start of the century.

Perhaps the most prominent example of the misuse of scientific knowledge is the atomic physicists and the nuclear bomb: Albert Einstein and others opposed the Manhattan Project after it was too late.

In the technological society of today, engineers and scientists have a great deal of power over the lives of all Americans, and this power must be used carefully. There is a strong belief in the United States in the "Techno-fix," which argues that technologically-caused problems can be solved by more technology.

The American public, however, has begun to be wary of the Techno-fix. Daniel S. Greenberg, a writer for the *Washington Post*, has summed up this attitude in his Theory of Expertise which asserts: "Don't ask the barber whether you need a haircut." Greenberg says that anyone, including a technologist, is naturally

going to give his own research or vocation the benefit of the doubt when it comes to moral issues.

You can find an ethical consideration in almost every field of study at MIT. The controversy over recombinant DNA research which raged a few years ago brought out debate over the danger and the benefits of this work. Psychologist's methods, including inhumane, fixed, and even secret studies, have come under criticism in the past.

Youth is generally a time of idealism, no matter what everyone is saying about our generation, and every aspiring technologist looks forward to his future contribution to society. Nuclear Engineering majors are interested in their field and confident in their belief of the importance of nuclear power, but on the other hand they are skeptical of certain practices and you get the feeling that a lot of the time they'd rather associate with Pete Seeger and the Clamshell Alliance.

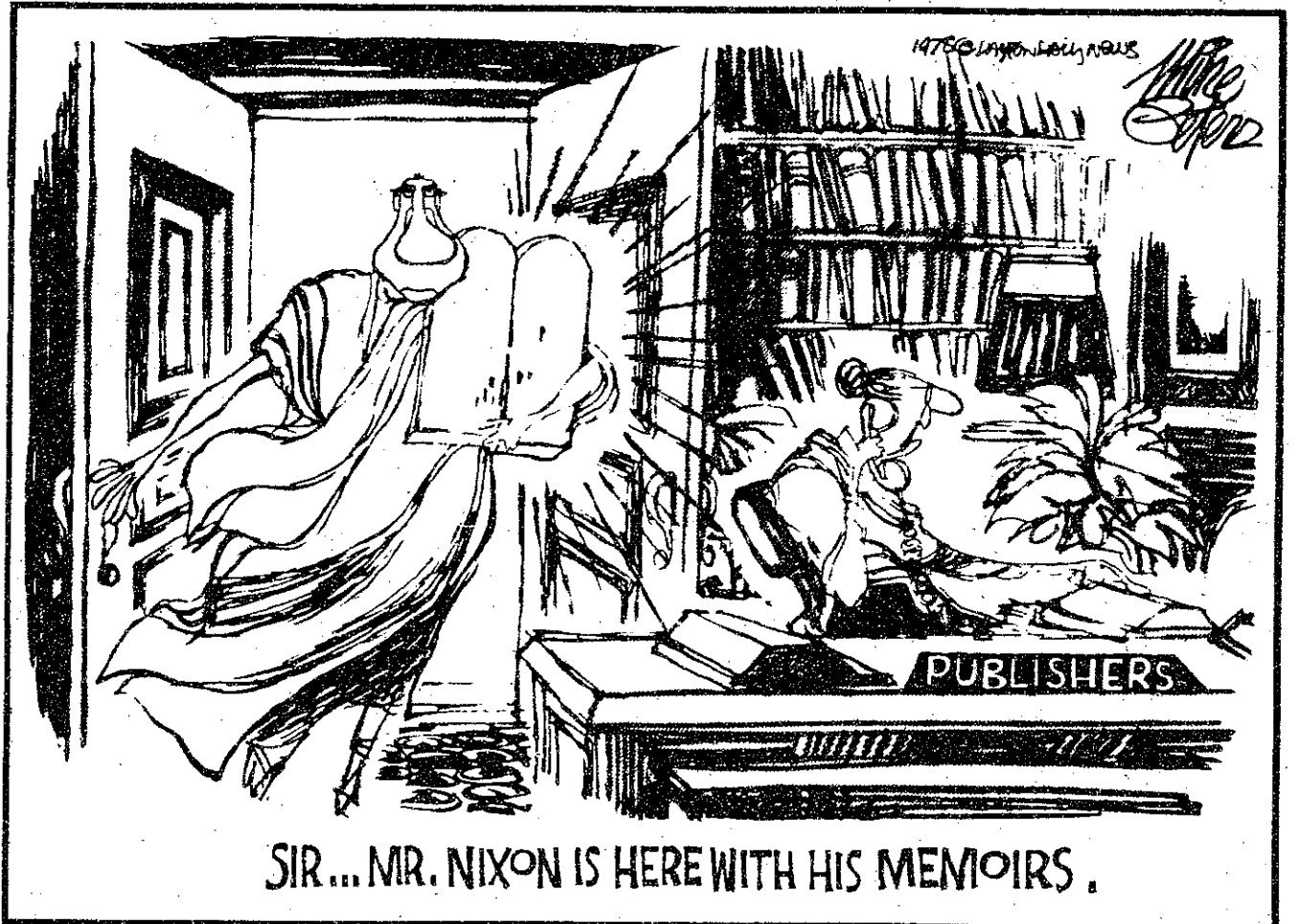
Other engineering fields also have ethical issues currently in the news. Often the most lucrative positions for ocean engineers entering the job market are with companies involved in the drilling for offshore oil. New leases for petroleum exploration on the Georges Bank near Nantucket and in other Atlantic Coast areas could possibly open up many new jobs, but environmentalists are worried about oil spills on the heavily populated Northeastern coast.

Recent Civil Engineering projects, such as dams, highways, and airports, have drawn criticism from both conservationists and economists. The Civil Engineering Department at MIT has done a good job of educating MIT students with courses in ecology and environment. They even offer an optional program yielding a degree of Environmental Engineer.

During the 1960's the war research efforts at Draper Laboratories and at MIT were a source of student dissent, and there are still many jobs in these areas available for scientists and engineers, even if not directly associated with MIT. Although it is not likely that a chemist today would work on creating nerve gases and napalm, electrical and aeronautical engineers could certainly find employment designing avionics systems and other gadgetry for military applications.

Even computer scientists can use their skills to the detriment of society by committing one of the various forms of computer theft, and these range from simply stealing computer time to robbing banks.

Perhaps MIT, in collaboration with its proposed College of Technology and the Humanities, should offer ethics courses similar to those now available at many medical and law schools. Maybe even some concerned technologist could come up with a Hippocratic oath for engineers. In any case, all of us at MIT must carefully and conscientiously assess our careers throughout our lives.



A moment before the Admiral

By Mark J. Munkacsy

Last Friday I was intimidated by one of the most influential men in the history of nuclear power. For six hours I sweated, worried, feared, shook, and trembled, all at the command of a short, balding, soft-spoken, frail-looking man.

Vice Admiral Hyman G. Rickover has been in charge of the Navy's nuclear propulsion efforts since 1947.

Today he is responsible for everything relating to the Navy's 127 operating reactors.

Rickover maintains tight reins over the "nuclear Navy". This extends to new people entering his program. Every applicant receives

his own, personal (and often memorable) interview with the Admiral.

Over the years many of his victims have tried to guess why Rickover conducts these interviews, almost a thousand a year. The most common answer is that he wants to know how every person running one of his reactors will react to a tense, unexpected situation. To this end, every ap-

perspectives

plicant is made to feel as tense, nervous, and shaken-up as possible.

As an applicant to the Navy Nuclear Power Program, I was

well aware that at some point I would come face to face with Rickover. I was unaware of the psychological ploys that would be used in the hours before my encounter with this modern-day god, ploys that would reduce me to a quivering, shaking bundle of nerves.

It started at 7:30 am in a windowless room in an office building in Crystal City, Md., with Navy paperwork for myself and the other applicants. It took the full hour for me to notice that the people in charge were working from a raised platform in the center of the room. It was the first attempt to establish my inferiority.

Before our interview with (Please turn to page 5)

feedback

A unified School of Engineering?

To the editor:

Financial difficulties and overcrowding have recently become battlecries not from MIT students but contrastingly from our own professors. The recent rebirth of interest in engineering has placed a great strain on the limited resources of all our engineering departments, challenging them to maintain both their excellent educational standards and their constant budgets. In response to this seemingly impossible task are a number of proposals ranging from the obvious requests for increased departmental funding to one infamous department's idea of limiting its enrollment. One not so recent proposal which has to date been ignored is one which

promises to lighten the strain on all of the engineering departments. This is the idea of a unified engineering curriculum. It was first introduced and subsequently tabled about a year ago because of an apparent lack of interest from the same faculty who are today confronted with these unwieldy classes.

The original idea made use of the fact that there are various fields of study which are common to different engineering departments. Among these subjects are thermodynamics systems analysis and computer programming. A unified engineering program would combine the educational resources into a number of courses which, while transgressing departmental boundaries, would provide the foundation necessary for further work in related departmental courses.

I believe that the time has come when we should reexamine this proposal on both economic and educational grounds.

On an economical basis, it seems obvious that such a program organized under the auspices of the School of Engineering would provide a considerable savings of resources by eliminating duplication within individual departments. It also follows directly that students would benefit from such a program because classes could be structured to more efficiently meet the needs associated with their larger size. That is most of today's overcrowded classes are plagued by oversized recitation sections

and the inability of professors to adequately scale up material meant for much smaller classes. These new classes would be typified by larger lectures and smaller recitations resulting in the improved achievement of the goals of each type of class.

There are of course many problems associated with this proposal and the road to its implementation is anything but clear cut. I do however believe that such a program would ultimately benefit all parties and it is for this reason that I ask that this proposal not be forgotten. I hope that the faculty will reexamine the unified engineering program on basis of the arguments I have presented.

Bradley S. Albom '78
February 14, 1978

Hospital thanks snow workers

To the Editor:

On behalf of Beth Israel Hospital, I want to express the appreciation of our patients, staff and community to the many students from MIT who volunteered to help us during the snow emergency of last week. Their presence lent not only willing hands, but an added cheerfulness that helped ease the burden for many hard-pressed hospital workers and their concerned patients. We are deeply appreciative.

Mitchell T. Rabkin, M.D.
General Director

The Tech

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Volume 98, Number 6
Tuesday February 28, 1978

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Third class postage paid at Boston, MA. Non-Profit Org. Permit No. 59720. The Tech is published twice a week during the academic year (except during MIT vacations), daily during September Orientation, and once during the last week of July. Please send all correspondence to: P.O. Box 29, MIT Branch, Cambridge, MA 02139. Offices at Room W20-483, 84 Massachusetts Avenue, Cambridge, MA. Telephone: (617) 253-1541. ISSN 0148-9607. Advertising, subscription, and typesetting rates available on request.

Snow sculpture and art at MIT

To the editor:

The letter (*The Tech*, Feb. 17) in which six MIT snow sculptors expressed the hurt which they felt as a result of the needless destruction of their handiwork should not go unnoticed.

As one of the few students on campus who is shamed, rather than amused, by the continual defacing of Louise Nevelson's *Transparent Horizons*, I hope the snow sculptors' expression of their hurt will help the vandals involved in either case of destruction to recognize right from wrong.

Mitchell Trachtenberg '78
February 19, 1978

opinion cont.

Navy got their man

(Continued from page 4)

Rickover, we would be interviewed by at least three other members of his staff.

From the check-in point 25 of us were packed into a waiting room no larger than 20 feet by 10 feet. From this cubicle we were fetched for preliminary interviews.

In the meantime, we waited, recalling other "Rickover stories" we had heard. One story was of an applicant who stood trembling before Rickover, who demanded of the young man: "You have 30 seconds to make me angry." With his hand, the applicant swept clean the top of the Admiral's desk: papers and pencils flying about the room. "I'm not angry yet," Rickover replied.

Really worried, now, the fellow looked around the room. By the desk was a gleaming, meticulously detailed model of the USS Nautilus, the first nuclear-powered submarine. He picked it up and smashed it to bits on the Admiral's desk.

There was quiet for a moment, then an explosion from the Admiral: "Get Out!!!"

The applicant was accepted.

But it would be hours before my turn would come. My three preliminary interviews with aides to Rickover were welcome relief from the nervous waiting. Although the interviewers were careful to maintain strict formality with me, the half-hour interviews were bearable. Questions ranged from "How much time a week do you spend studying?" to "Derive the formula for the volume of a cone." But always it was stressed that these interviews were simply to give the Admiral more information when he went to make his decision on us. It was clear that Rickover was god.

At one, ten of us were moved to the Admiral's conference room. Two senior officers briefed us on how to walk in to the Admiral's office and what to say: "Use no bullshit with the Admiral. The Admiral has been known to say, 'Don't give me any of that bullshit.' Don't walk in there waving your patriotic little flag. If you're in this for the money and he asks you, tell him that. Don't try and outguess the Admiral."

I sat waiting, afraid that everyone in the room could hear my heartbeat.

Then an aide turned around and sang out my name, badly mispronounced. "Munkacsy. Admiral Rickover wants to see you first."

I stood up and thought, "No, not me! Not first!"

I walked into Rickover's inner office, keeping my eyes glued on the little frail man behind the big desk. (Actually, I just made that up because I have absolutely no recollection of what his desk looked like, what he was wearing, how big the office was, or even whether there was anyone else in the room besides the two of us. I didn't notice any of that.)

I sat down and waited. Rickover was eating apple slices out of a paper plate on his desk.

I braced, expecting a question like, "Why are your grades so low?" (for which I had a carefully prepared answer which I desperately couldn't remember) or "How long have you been interested in my program?"

The Admiral sat back and asked, "What does Munkacsy mean?"

I fought back a smile. It seemed funny. I wanted to say, "I'm not

here to chat about my last name."

"It means: from the town of Munkacs, sir."

"Where's that?"

"Hungary, sir."

"When do you think people started using first names in Europe?"

"I don't know, sir."

"Guess."

"The sixteenth century?"

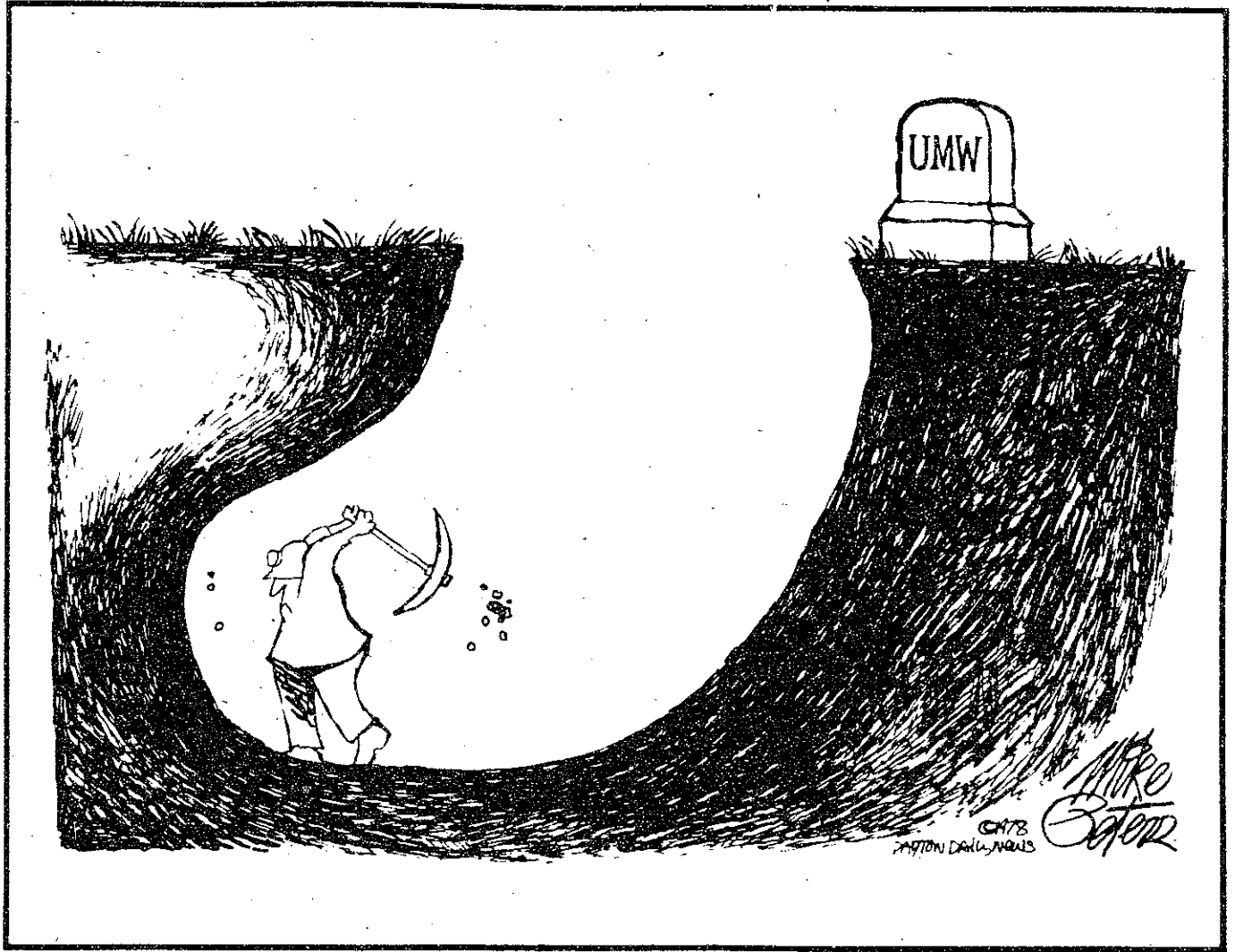
"No, it was much later than that." Rickover paused, and looked over my academic record: "Do you think you could be an outstanding physicist?"

"Yes, sir, if I tried hard enough."

"No, you couldn't. Get out."

I trembled my way out of the office, and looked into the scared face of the next fellow waiting to go in.

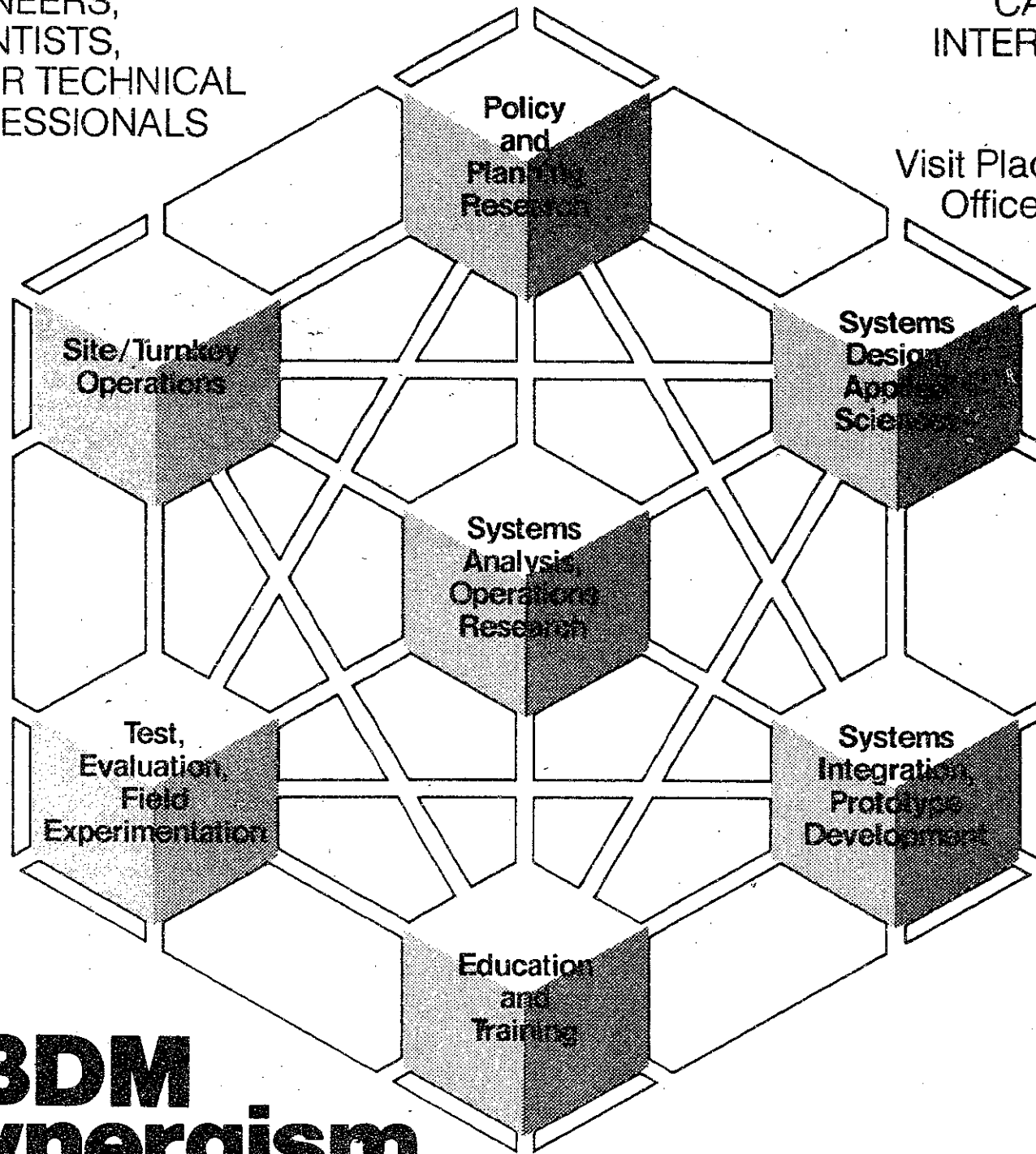
I was sent upstairs to a secretary, who somehow already knew what the Admiral's decision was. With great ceremony, she looked at a piece of paper on her desk and said, "Congratulations, Mr. Munkacsy, the Admiral wants you."



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Vanities: thin comedy and weak drama



Joanne (Jane Dentinger), Kathy (Dorothy French), and Mary (Patricia Miller) are the cheerleaders in the first act of *Vanities*, now playing at the Charles Playhouse.

Vanities, by Jack Heifner, directed by Garland Wright, scenery by John Arnone, costumes by David James, lighting by Patrika Brown, at the Charles Playhouse, through March 26; tickets \$5.95-\$8.95. (426-6912).

By Daniel M. Togasaki and Leigh J. Passman

Vanities is a "whatever-became-of..." story of three Texan high school cheerleaders of 1963. It follows the lives of the three most popular girls in school through sorority life at college into adulthood.

This play has the elements of both a comedy and a drama. Unfortunately, it is hard to categorize, since it is neither humorous enough to be an outstanding comedy, nor deep enough to be a serious drama. The general mood is upbeat, but the shock ending completely changes the overall character of the play.

Most of the humor is derived from nostalgia and the stereotypes of the popular cheerleader and the Southern belle.

As a drama, *Vanities* tends to be superficial. There are several serious parts, but these are left undeveloped. The ending seems to be inconclusive. It introduces real dramatic conflict, but does not examine it in any detail. You leave wondering, "What happens next?"

The three characters also were underdeveloped. They seemed to be modeled after clichés, rather than real people. As for the acting, Jane Dentinger, Dorothy French, and Patricia Miller all did good jobs as cheerleaders and coeds, but were unconvincing in the much more demanding and serious parts of the final scene.

The lighting and scene changes were well done. The sets were simple, appropriate, and effective.

Vanities is cute and mildly amusing, but don't expect an earth-shattering story.

Oscar predictions: Annie Hall to win big

By Drew Blakeman

Even though the Academy Awards have been condemned by people both in and out of the motion picture industry as being crass commercialization or worse, they are nevertheless still considered to be the final word as to what is the best in cinema for a particular year.

This year marks the 50th anniversary of the annual Oscar competition, and the list of nominations released last week contains few surprises. In this column, I will list my choices for the major awards as well as indicate who I think will win in those categories, keeping in mind that artistic achievement has not necessarily been rewarded by the Academy in the past.

The nominees for best picture are: *Annie Hall*, *The Goodbye Girl*, *Julia*, *Star Wars*, and *The Turning Point*. My personal favorite is *Annie Hall*, which I feel is Woody Allen's best movie to date. Either Allen's semi-autobiography or *The Turning Point* should win; honoring *Annie Hall* would finally give Allen his due, but giving the award to *The Turning Point* would show the general public that the Academy can recognize "art."

The nominees for best actress are: Anne Bancroft (*The Turning Point*), Jane Fonda (*Julia*), Diane Keaton (*Annie Hall*), Shirley MacLaine (*The Turning Point*), and Marsha Mason (*The Goodbye Girl*). This category is one of the most hotly contested because of the abundance of good roles for women this year. I would like to see Diane Keaton win — without her excellent performance and timely "lah-dee-dahs" *Annie Hall* would not be the smash it is — and she has a good chance, because her stunning portrayal of the horny Terry Dunn in *Looking for Mr. Goodbar* was also during this past year. All five actresses should be

highly commended for their work, but only one will win; most likely Keaton or Jane Fonda. Anne Bancroft and Shirley MacLaine will probably split votes that would have gone to either one had the other not been nominated.

The nominees for best actor are: Woody Allen (*Annie Hall*), Richard Burton (*Equus*), Richard Dreyfuss (*The Goodbye Girl*), Marcello Mastroianni (*A Special Day*), and John Travolta (*Saturday Night*

ramblin'

Fever). Woody Allen is my choice here. Maybe I've been smitten with *Annie Hall*, but his neurotic Alvy Singer was superb. Allen probably won't win, though, since he was basically playing himself. Richard Burton has an excellent shot at the Oscar after six previous unsuccessful tries even

Wars was masterful. It is astounding that he was able to meld all of the individual aspects of that film into any sort of coherent entity, and should be the Academy's overwhelming choice as well as mine.

The nominees for best supporting actress are: Leslie Browne (*The Turning Point*), Quinn Cummings (*The Goodbye Girl*), Melinda Dillon (*Close Encounters*), Vanessa Redgrave (*Julia*), and Tuesday Weld (*Looking for Mr. Goodbar*). Although Tuesday Weld did a great job in one of the most controversial movies of the year, Vanessa Redgrave handled a more difficult role in a much more critically acclaimed film. Coupled with her three previous Oscar defeats, Redgrave should win.

The nominees for best supporting actor are: Mikhail Baryshnikov (*The Turning Point*), Peter Firth (*Equus*), Sir Alec Guinness (*Star Wars*), Jason Robards (*Julia*), and Maximilian Schell (*Julia*).

"... honoring Annie Hall would finally give Allen his due..."

though *Equus* was panned by virtually everyone, and his winning would correct a long-standing oversight on the part of the Academy. Richard Dreyfuss has a good chance, too, since his performance in *Close Encounters* was among the year's best, although he (like Diane Keaton) could only be nominated for one film.

The nominees for best director are: Woody Allen (*Annie Hall*), George Lucas (*Star Wars*), Herbert Ross (*The Turning Point*), Steven Spielberg (*Close Encounters of the Third Kind*), and Fred Zinnemann (*Julia*). George Lucas' job of directing *Star*

Both Jason Robards and Maximilian Schell turned in excellent performances in the filmed version of Lillian Hellman's memoir, outclassing the other three. Even though I feel that Robards was a bit better in his part, Schell has a better chance of winning the Oscar because Robards won in this same category last year.

The nominees for best original screenplay are: *Annie Hall* (Woody Allen and Marshall Brickman), *The Goodbye Girl* (Niel Simon), *The Late Show* (Robert Benton), *Star Wars* (George Lucas), and

(Please turn to page 7)



Diane Keaton and Woody Allen star in *Annie Hall*, which garnered five Academy Award nominations including best picture. Keaton was nominated for best actress, and Allen received three nominations, for best actor, best director, and best original screenplay. He is only the second person to be so honored — the first was Orson Welles for his debut film *Citizen Kane*. Welles didn't win anything in 1941, but Allen has a good chance in this year's competition.

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arts cont.

Star Wars to get technical Oscars

(Continued from page 6)

The Turning Point (Arthur Laurents). I really enjoyed *The Late Show*, and that was largely due to the intelligently written script. Since that movie was almost completely and undeservedly passed over by the Academy, particularly in the case of Lily Tomlin, I'd like to see it get something. *Annie Hall* probably has a better chance of winning, though. The dialogue in *Star Wars* is far too inane for that screenplay to deserve an Oscar.

The nominees for best screenplay adaptation are: *Equus* (Peter Shaffer), *I Never Promised You a Rose Garden* (Gavin Lambert and Lewis John Carlino), *Julia* (Alvin Sargent), *Oh, God* (Larry Gelbart), and *That Obscure Object of Desire* (Luis Bunuel and Jean-Claude Carriere). *Julia* should win here. It is a well-executed script, and should be honored here since the film is not likely to win many other Academy Awards. *That Obscure Object of Desire* will probably be tagged as best foreign language film.

Star Wars should be the big winner among the less prestigious, although by no means less important, awards. The top-grossing film of all time will undoubtedly walk away with Oscars for best visual effects, best original score, best film editing, and best costume design, possibly for best art and set direction and best cinematography as well.

We'll all be able to sit back and watch the telecast of the Academy Awards ceremony on ABC on Monday, April 3. It should be a fairly interesting entertainment, and won't hurt ABC's Nielsen ratings for the week, either. Although there are bound to be at least a few surprises, I think that *Annie Hall* and *Star Wars* will be big winners in the Oscar race with *Julia* up there as well, and that *Close Encounters* will wind up with little or none. But I could be wrong — we'll just have to wait a few weeks to find out.

AROUND MIT

Saelor Party, a benefit for Muscular Dystrophy, sponsored by SAE fraternity, will be held Sat., March 4, at 8:30pm in Dupont Gym. Live music by The Chris Rhodes Band and Chuck McDermott & Wheatstraw. Free drinks courtesy of Rums of Puerto Rico. Prizes to selected advance sale ticket holders. Tickets \$3 advance, \$3.50 at the door; college ID required. For more info, call 267-9419.

P. D. Q. Bach will be appearing tonight at Kresge at 8pm. The LSC still has about 50 tickets available in most price ranges, and they will be on sale in Lobby 10, at the LSC office (W20-467), and at the door.

Music for the General Peace, featuring Marion Verbruggen on recorder in a program of music by Bach, on Thurs., March 2 at 12:10pm at the MIT Chapel; free.

The Mezz, Fri., March 3, 9pm in the Mezzanine Lounge, Student Center, featuring the folk music of Jim McCormack and Guy Arnos; free.

Vincent Price will speak on the topic "Villians Still Pursue Me," Mon., March 6, at 8pm in Kresge. LSC ticket sales in Lobby 10, at all LSC movies, and at the LSC office (W20-457). Tickets are \$3, or \$2 with MIT/Wellesley ID.

AT THE MOVIES

The LSC movie lineup this weekend:

The Deep (Fri.) 7 & 10 in 26-100.

Lenny (Sat.) 7 & 10pm in 26-100.

The Maltese Falcon (Sun.) 6:30 & 9pm in 26-100.

Funny Girl, the Midnight Movie, Sat., March 4, in the Sala. Free with MIT or Wellesley ID.

Dersu Uzala, the Hunter, the 1975 Academy Award winner directed by Akira Kurosawa, is currently running at Galeria Cinema, 57 Boylston St., Harvard Sq.

Unreel: A Collection from the World's Finest Short Films, 10 great shorts, at the Off the Wall theatre, 861 Main St., Camb. (547-5255) thru Tues., Feb. 28.

The Fourth Annual Animation Series continues the fourth of eight consecutive weekends with *New Personal Animation*, new works by independent artists who use animation for personal expression; Fri., Sat., & Sun., March 3, 4, and 5 at 7:30 and 9:30pm at the Carpenter Center for Visual Arts on Quincy St., outside Harvard Yard. Tickets are \$2. For info, call Center Screen, 253-7620.

IN TOWN

National Symphony, from Washington; Rostropovich conducts Tchaikovsky, Berlioz, and performs the Haydn Cello Concerto at Symphony Hall, Wed., March 1, at 8 pm. For info, call 266-1492.

Harry Chapin, in concert on Thurs., March 2, 8pm at the Music Hall. \$7 and \$7.50 tickets at the box office, Ticketron, and Strawberries.

Outlaws, in concert with guests *Sea Level* and Bill Lamb, Fri., March 3, at 8 pm at the Orpheum Theatre. \$7.50 and \$8.50 tickets at the box office, Ticketron, and Strawberries.

Jimmy Buffet, in concert, with guest *Sanford and Townsend*. Thurs., March 9, 8pm at the Orpheum Theatre. \$6.50 and \$7.50 tickets at the box office, Ticketron, and Strawberries.

Rush, in concert with guest *The Babys*, Fri., March 10, 8pm at the Orpheum Theatre. \$6.50 and \$7.50 tickets at the box office, Ticketron, and Strawberries.

Bruce Springsteen is planning three concerts, April 11-13 at the Music Hall. Anticipate swift first-come, first-served ticket sales; be prepared to race to the box office when they're announced.

IN THEATER

Flight, a concert of new danceworks based on aspects of airborne flight, March 3 and 4, pm at the Longwood Theatre, Mass. College of Art, 364 Brookline Ave., Boston. Tickets (on sale in Lobby 10) are \$5, proceeds go to MITSA. For info, call x3-4051.

Coppelia will be performed by the Boston Ballet at the Music Hall, Thurs.-Sat., March 9-11, at 8pm and Sun. mat. at 2:30pm. *Aureole*, by Paul Taylor, is also included in the program. Tickets \$3-\$12.50; for info, call 423-3300.

Vanities, an account of the growth of three Texas high school cheerleaders into middle age. At the Charles Playhouse, 76 Warrenton St. Tickets, \$5.95-\$8.95 at the box office (426-6912) or Theatrecharge (426-8181).

Dancin', a new musical directed and choreographed by Bob Fosse will run at the Colonial Theatre, 106 Boylston St., Boston, through March 11. Tickets are available at the box office (426-9366) or by Theatrecharge (426-8181).

Pippin, the Broadway smash, will be running in Boston at the Schubert Theatre, 265 Tremont St., thru March 11. Tickets, ranging in price from \$9 to \$16.50, are available at the box office (426-4520) or Tele-charge (482-2425).

— Leigh J. Passman

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MIT team returns with trophy

(Continued from page 2)

arrange with the hotel an extension on the use of the conference rooms the teams had been using. Teams were evicted from their conference rooms at 1:30 am. The MIT team took up residence on the floor in front of the I/O (Input/Output) desk.

Contestants were told they could ask written questions of the judges, but that only reasonable questions would be answered. According to D'Eramo, none of the MIT team's questions were answered. He cited as an example: "Is row 1 at the top or bottom of the chessboard." An incorrect guess by the team would lead to the judged run being returned as "correct, but wrong format".

Because of these difficulties, the MIT team considered refusing the trophy. ACM awarded them. However, they did not feel this would be right since MIT paid the plane fare to get the team to Detroit. D'Eramo added that at the awards presentation, "They didn't let any of the teams speak." DeMar summed up the feeling of the team about the contest: "It was run very poorly."

The MIT team was organized by Lederman who found out about the regional contest from an ACM newsletter. Since there is no ACM chapter here to organize a team, Lederman took matters into his own hands and put up posters to try to recruit a team. After receiving no response, Lederman asked three of his friends from Baker House to join his team. One team member, D'Eramo, had never written any FORTRAN programs before the contest. Unlike his teammates, he had never been employed as a computer programmer. He learned to programs computers from two courses required of computer science majors and was

the first person to turn in a correct solution from the MIT team during the regional contest. None of the team members had worked in FORTRAN for a long time, according to DeMar.

DeMar noted that the MIT team prepared for the national contest in much the same way they prepared for the regional contest. "We had one two or three hour practice session where we all ran a program on Multics. SIPB (Student Information Processing Board) gave us some money to practice with."

ACM paid \$120 to cover hotel costs for the team. They also provided free "Big Mac's" at about 11pm during the contest, but only one team member had time to eat. MIT gave the team \$624 to cover round-trip air fare — half came from the School of Engineering and the other half

from the Department of Electrical Engineering and Computer Science.

The MIT team received a trophy, five certificates (one for each member of the team and one for the school), and their choice of two Prentice-Hall books apiece. "We had a tough time choosing our books," DeMar said. "They have a lot of good stuff."

But the real winner of the contest appears to be a professor of physics here at MIT. DeMar explained: "The Diablo Valley College team told our team that one of their physics professors bet one of our physics professors, whom we do not know the identity of, a case of California wine against a crate of New England lobsters." The team would appreciate it if the physics professor would make his identity known to them.

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notes

* Undergraduates interested in UROP jobs for either credit or money are invited to the Urban Studies UROP colloquium on Tues., Feb. 28 at 5pm in Room 7-331. A variety of opportunities are available in such areas as criminal justice, legal research, solar energy, neighborhood and regional change community schools, and local growth. Former UROP students will speak of their field work experiences and a number of Urban Studies faculty members will talk about the positions they have available. For more information, please call Chuck Wexler, x3-2089 or Ruth Kolodney, x3-4409. Wine and cheese will be served.

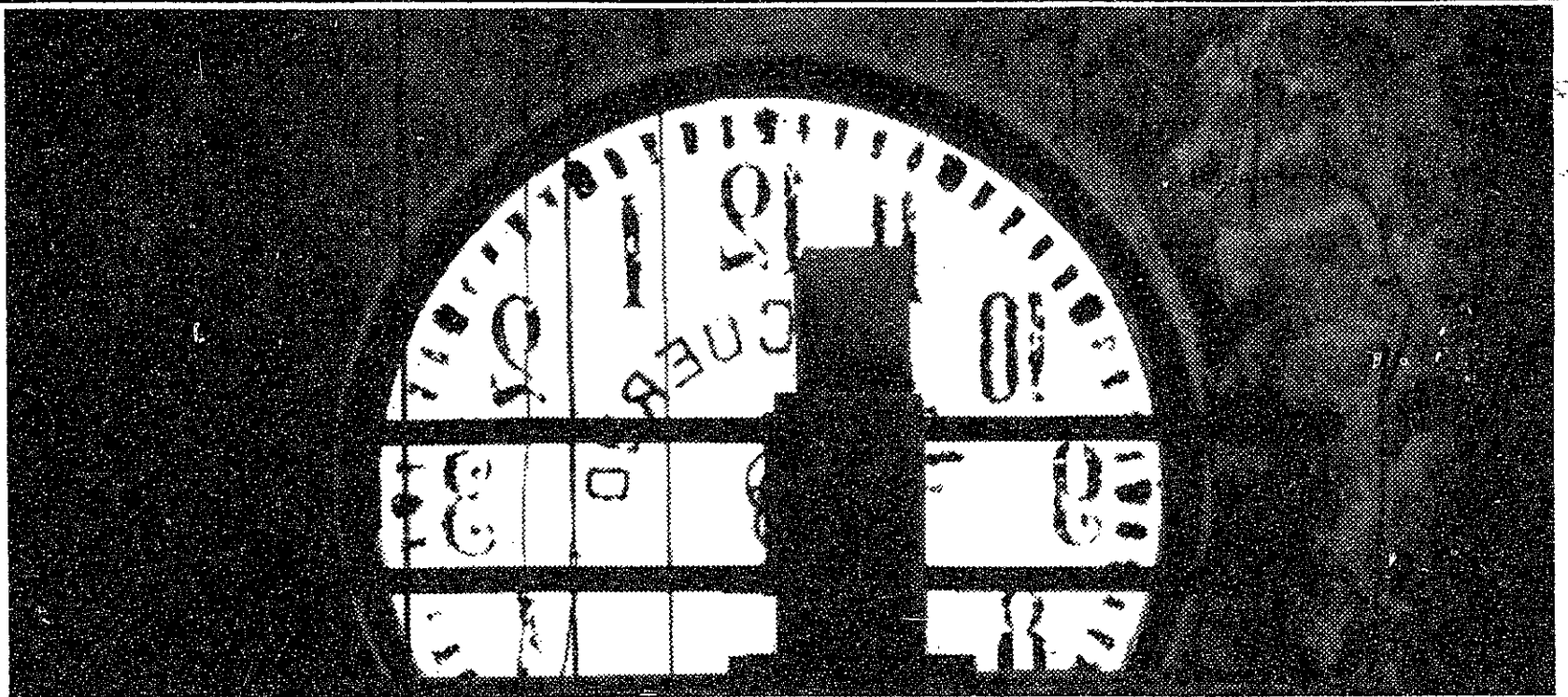
* An ACM Student Chapter Meeting will be held on Wed., Mar. 1 at 4pm in Room 8-314. For further information call Bill Wehl at x5-7541 or Roy Kaplow at x3-3322.

* Dr. Miguel Antonio Bernal, prominent Panamanian socialist exile, will be speaking on "Panama for the Panamanians: Why the US Should Give Up the Canal Unconditionally" on Wed., Mar. 1 at 8pm in Room 9-150. For further information call 262-4620 or 262-4621.

* Dr. Peter Bourne, special assistant to President Carter, will speak about "Health Policy in the Carter Administration" at the Boston University Washington Forum on Mar. 1 at 8pm, George Sherman Union Ballroom, 775 Commonwealth Ave., Boston. The Washington Forum is sponsored by the University's Office of Community Relations and is open free to the public.

* Mario Fantini of the University of Massachusetts at Amherst and Charles V. Willie of the Harvard Graduate School of Education will be the featured speakers at Cambridge Forum, Wed., Mar. 1 at 8pm at 3 Church Street in Harvard Square. Admission is free.

* (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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(Continued from page 1)

Harvard and MIT, and many other institutions as well, are responding to revelations that the CIA developed secret, complicated, and sometimes unethical relationships with academics at more than 100 universities in the country in the 1950s and '60s. It is not clear that such relationships have all been terminated.

In an interview last week, MIT's Chancellor Grey agreed that the universities are vulnerable to covert penetration and said he believes legislation prohibiting such practices might be useful.

In the discussion included with the published Harvard guidelines, the study group members asserts that covert recruiting should not be allowed because "it is inappropriate for [academics] to be acting secretly on behalf of the government. . . . Individuals may be probing the views of others and obtaining information for the possible use of the CIA, [That is]

inconsistent with the idea of a free university." Such practices "inhibit free discourse and are a distortion of the [proper] relationship . . . between faculty and students."

"Foreign students pose a special problem," the discussion continued. ". . . recruitment of a foreign national by the CIA may lead to requests that the person engage in acts that violate the laws of his own country. We do not consider that appropriate. . . ."

The Harvard guidelines make no mention of the possible presence of foreign intelligence agents in the university community to investigate foreign students. In the Cambridge community and elsewhere it is widely believed that agents from Iran and Taiwan conduct surveillance of Iranian and Taiwanese students.

Nor do the Harvard guidelines examine the possibility that Americans in the university com-

munity may assist foreign intelligence agents in obtaining information on foreign students. A recent issue of *Newsweek* magazine referred to cooperation between the CIA and the Iranian intelligence agency, SAVAK, in developing information on Iranian dissidents in the United States.

The Harvard guidelines seek to prevent the use of Harvard academics for "operational purposes" of the CIA. Details about the use of academics for such purposes have not been released, but according to a 1976 US Senate report, academics have been persuaded to "write books and other materials for propaganda purposes, collect intelligence, and make introductions for intelligence purposes."

According to the Senate, the "CIA considers operational relationships with US academics "perhaps its most sensitive domestic area and has strict controls governing these operations."

The Harvard guidelines suggest, as an apparently hypothetical example of an "operational purpose", "writing a signed introduction to a fabricated diary of a defector."

Information on the covert penetration of US universities by the CIA was first made public in 1976 by the Senate Select Committee on Intelligence Activities, chaired by Frank Church.

Declaring itself "disturbed" by such practices, the Church committee called upon the American academic community to "set the professional and ethical standards of its members. Although currently pending legislation in Congress would forbid the intelligence agencies from penetrating the press, the committee declared that such legislation in connection with the academic community would be "an intrusion on the privacy and integrity" of that community.

The Harvard guidelines applauded the Senate's decision and express appreciation for the Select Committee's "forbearance in urging legislative solutions."

Some individuals, however, have wondered how the universities can fully protect themselves against unwanted connections with the intelligence agencies in the absence of legislation to restrain the agencies.

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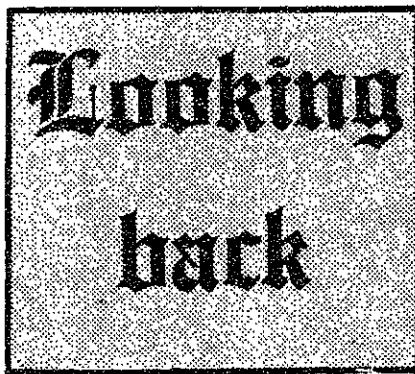
Editor's note: Many students count on the "name" of MIT to be their calling card into graduate school or industry, but it hasn't always been that easy. (Reprinted from May, 1926)

A member of the staff of *The Tech* was recently in conversation with the head of a large contracting firm on Long Island, during the course of which he asked the contractor whether he often employed graduates of the Massachusetts Institute of Technology. "No, but we have a few men from Boston Tech," was the reply.

Not long afterward, the same

man was talking with the coach of one of the most prominent college crews in the country. This coach was surprised to learn that Technology had ten or twelve crews on the river instead of the two or three he believed existed. "Is that a college?" he asked. "The only time we hear of it down here is when one of our graduates goes up there, and I thought it was some kind of graduate school that only old men go to."

Of course, it is the type of ignorance about Technology manifested by the crew coach that it is most important to correct: the lack of knowledge of the proper name of the Institute is more a symbol of general ignorance about the school than a bad thing in itself. But if the Institute is to grow, outsiders must realize that it is not a factory giving courses in running machines, nor a graduate school of old men, but an undergraduate college, slightly different in its courses from liberal colleges, perhaps a little more difficult, but essentially the same in spirit.



Better service for Walker

Editor's note: Could you imagine...? Pardon me, sir, would you care for some more ranch-style stew? (Reprinted from March, 1926)

Printed instructions telling how to serve food at the banquets in Walker Memorial have been furnished to all the student waiters employed by the Dining Service, in order to improve the service, which has been criticized quite frequently of late. These instructions give complete information concerning practically all things which the efficient waiter should know.

Some idea as to what the prevailing opinion of the banquet service which is held by Institute men is seen in the remarks of Professor Robert E. Rogers in a recent issue of the *Technology Review*. He says, "And the waiters are dear good boys, a credit to the Institute for their effort, good at the Calculus and adept at throw-

ing the hammer, but a little uncertain in their stance when serving from the left." Then, as a parting shot, he adds, "And we all know Walker anyway!"

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sports cont.

Fencers heading for Easterns

(Continued from page 12)

Smith '78 went undefeated in the team competition and John Rodrigues '80 took seven bouts to win a total of sixteen, a performance equalled by the Trinity sabreurs. The Vitale Award is named after the late Silvio Vitale, coach of the MIT fencing team for many years. The award was initiated last year, when Smith and Robert Shin '77 won it in sabre.

Smith and Rodrigues went on to the finals, where Smith's attempt at becoming the first

person ever to win the New England individual championship in all three weapons was thwarted. He garnered individual honors last year in sabre, and the previous year in foil. Smith finished third in the épée, while Rodrigues duplicated his fourth place finish of last year.

The last round was fraught with excitement. People were cheering every touch, so much that the director had to ask for quiet. MIT was ahead by two at the beginning of the round, but Dartmouth took both sabre and

both foil bouts. Fortunately, the Tech épéeists won both of their bouts against strong Dartmouth competition. Interestingly, both Smith and Rodrigues lost to Dartmouth épéeists in the individual finals.

It was Dartmouth's day. They tied MIT for first and took first and third in sabre, as well as first and second in épée.

MIT meets St. John's and Harvard, and then journeys to Princeton for the Eastern Fencing Championships on March 10 and 11. Coach Eric Sollee noted, "The Easterns will be tough, real tough." Nonetheless, the team will be fielding a strong foil squad that could potentially win a third Eastern Foil Championship for MIT.

For the Easterns, Smith will be back in foil to defend his individual crown. He will also fence foil as an independent in the NCAA championships in March, a competition Sollee describes as "fabulous". The top six fencers (including Smith) are current champions of one sort or another, including national and world. It promises to be an excellent meet.



Freshman sensation Leslie Harris, all-around gymnast, performs on the balance beam in Saturday's meet with Connecticut College. Connecticut won the meet 108.65-102.45. The gymnasts end their regular season with a meet with Northeastern. (Photo by Gordon Hall)

W Swimmers end at 2-4

By Gregg Stave

The MIT women's swim team closed out their snowstorm-shortened season last week by losing to Northeastern 62-56 on Tuesday, defeating Brandeis 70-49 on Friday and bowing to Wesleyan 70-43 on Saturday. This brought the team's final record to 2-4.

On paper, Northeastern had a far superior squad. However, smart swimming and strong individual efforts by the MIT team disproved the predictions. MIT should not have been close but before the final event they were ahead 56-55. Northeastern came back to win the relay by two seconds, giving them the meet. This contest was reminiscent of the MIT-Trinity match earlier this season when MIT fell short of an upset victory by two points.

Against Brandeis the team won all but four events. In the 200-yard medley relay Libby Guethlein '81, Sheila Konecke '80, Karen Fabricius '80, and Ruth Harris '81 teamed up for the victory with a time of 2:08.7. Guethlein also won the 50-yard and 100-yard backstroke event. Judy Snodgrass '81 was also a triple winner taking the 500-yard freestyle, the 100-yard butterfly, and the 200-yard freestyle events. Captain Tina Kangas '78 won the 100-yard breaststroke with a 1:24 clocking.

By contrast, against Wesleyan MIT could win only four events. Fabricius, who suffered a knee injury before the season, was back in form Saturday winning the 50-yard free-style sprint in 27.4 and following with a first place in the 50-yard butterfly race. Konecke won the 50-yard breaststroke in a final time of 35.6 and Snodgrass

finished first in the 500-yard swim.

The biggest problem facing the team this season was not a lack of talent, but a lack of new swimmers to increase the size of the team. Only four new women, Sue Donohue '81, Harris, Snodgrass and Guethlein joined the team. With Kangas, Carol Seigal, and diver Lori Lamel graduating this year, MIT will need many newcomers next year to complement the strong existing nucleus.

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EVERY WEDNESDAY IS DOLLAR DAY AT THE BRATTLE AND CENTRAL SQUARE CINEMAS

Cagers bomb Connecticut

By Michael Taviss

"We expect to win." So spoke head coach Francis C. O'Brien just before MIT tackled Connecticut College last Saturday afternoon in Rockwell Cage. Coach O'Brien's words proved prophetic as the Engineers proceeded to win the game 75-64.

Although MIT has not had a particularly good season with their record standing at 5-13, they played a good, exciting game of basketball on Saturday. The game started out slowly without either team really taking a strong lead. By the end of the first half, Connecticut College was leading 39-36.

For MIT the half was characterized by good defense. They were also getting inside with ease.

When the two teams came out for the second half, however, things were completely different. Up to then both teams had been playing a fairly easy going game. Suddenly, the two teams stepped up their attack. The theme of the second half was aggressiveness. Both teams were continually on the go, always driving in for the other's basket.

It was nip and tuck for most of the half, with both teams trading baskets all the way through. MIT

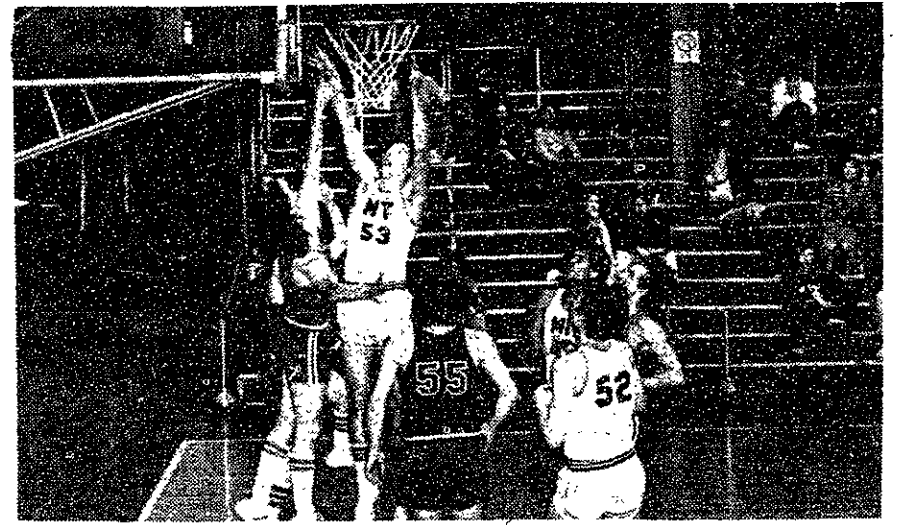
held a two point lead as the game entered the final two minutes.

The pressure was on, but the Engineers rose to the occasion. They grabbed another basket, then made three free throws to put them seven points in the lead. Connecticut just seemed to come apart. The game ended with MIT winning by 11 points.

The two top point-getters for MIT were Thomas Berman '79, and Robert Clarke '81, who got 28 and 24 points respectively.

Coach O'Brien had a few comments about these two. "Tommy Berman had the best game of the season," he said, then added, "We have one of the best freshmen in Bobby Clarke. We are very fortunate in having him."

Coach O'Brien believed, however, that the "key thing for us has been the players coming off the bench." Then, possibly to complement his original comment before the game, he said, "They really wanted the game."



Robert Clarke '81 shoots over his Connecticut College defender for two points in Saturday night's game. Clark combined with Tom Berman '79 for 52 points to lead MIT to a 75-64 victory. (Photo by Gary Engelson)

Fencers extend NE title string

By Brian F. Wibecan

(Brian F. Wibecan '79 is a member of the varsity fencing team.)

The MIT men's fencing team won the New England Championships for the ninth year in a row when they tied Dartmouth for first place Saturday at Dartmouth.

The championship meet was one of the most exciting in recent years. There was a great deal of competition between the top three teams, MIT, Dartmouth, and Trinity, culminating in a very spirited final round when MIT and Dartmouth met. Although somewhat less sure toward the end of the meet, the Tech fencers

did keep the winning streak alive.

The sabre duo of Dave Karp '78 and Chen-Dao Lin '79 were new to the New Englands, but did manage to win half their bouts, including some important clutch wins.

The other two weapons fared better. Rich Hemphill '78 and Jim Freidah '81 both made the foil individual finals, after winning 13

out of 18 bouts in the team competition. Hemphill repeated his second place finish of last year, while Freidah came in fifth.

In a meet full of ties, the epee squad tied with the Trinity sabre squad for the Vitale Weapons Award, honoring the best performance by a two-man squad in the competition. Captain Mark

(Please turn to page 11)

score board

Basketball 75, Conn. College 64
Fencing 1st in New Englands
Hockey 4, Stonehill 3,
Air Force 3157, Pistol 3149,
USCGA 2975
Swimming 50, Wesleyan 30
Wesleyan 70, W Swimming 43

Swimmers finish year 5-3

By Gregg Stave

This past Saturday the MIT swim team overpowered Wesleyan 60-30 at Middleton, Connecticut. While this concluded the dual meet season bringing the final record to 5-3, the Beavers are preparing for the New England Championships which will be held at Springfield College starting on Thursday. Having finished eleventh last year, the team has a good chance to break into the top ten this year.

Wesleyan provided little competition for MIT who won every event except for the 500-yard freestyle race. In the 1000-yard freestyle Gene Henschel '78 and Tom Varney '80 swam side by side for the entire forty laps and finished simultaneously. The judges arbitrarily awarded the race to Varney. Tim Ramsey '79 won the 200-yard freestyle event with John Dieken '80 right behind him. Ramsey, Dieken, Mark Huntszinger '81 and Greg Floro '79 will team up for an 800-yard freestyle relay at the New Englands in an attempt to qualify for the Nationals.

In the sprint races Ken Calvert '79 won the 50-yard freestyle in 23.1 with Matt Alves '80 taking second with a 23.9 clocking. Later in the meet the order was reversed when Alves won the 100-yard freestyle in 51.8 for his best time this season. This finish time is even more remarkable because the Wesleyan pool usually produces slower times.

Captain Preston Vorlicek '79, who received All-American honors at last year's Nationals, will attempt to qualify again in

the 200-yard breaststroke. On Saturday, Vorlicek won that event in 2:25. Chris Moss '80, who won the 200-yard individual medley against Wesleyan, will attempt to qualify in the 100-yard and 200-yard breaststroke events.

The medley relay team of Dieken (backstroke), Moss (breaststroke), Floro (butterfly) and Huntszinger (freestyle) also has a good shot at qualifying for the Nationals at the upcoming championship meet. Dieken, utilizing his now famous "cling and sting" technique, where he hangs on the heels of an unsuspecting opponent and strikes at the end of the race, won the 200-yard backstroke against Wesleyan. He completed the last two laps in 31.5 to thunderous applause from his teammates.

Diver Ken Brady '79 should do well at the New Englands and will probably qualify for the Nationals. Brady didn't dive against Wesleyan because he broke a tooth warming up on Saturday. The water under the diving board was only eight feet deep.

Competition at the New England Championship meet will be tough. MIT, a member of the New England Small Colleges Division and NCAA Division III, will be facing schools with larger student populations and several who give athletic scholarships. Excellent progress has been made this season and team members are in peak physical condition but it will take intelligent swimming for the team to finish as one of the ten best in New England.

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