



Tech photo by Kim Kellogg  
Dario Fo, renowned Italian performer and playwright, conducting a workshop with MIT Dramashop on Monday. This follows Dramashop's production of Fo's *We Won't Pay! We Won't Pay!* last weekend. Fo is currently performing his one-man show *Mistero Buffo* (Comic Mystery) at the Hasty Pudding Theatre in Harvard Square.

## Wellesley exchange undersubscribed

By Anu Vedantham

The MIT-Wellesley residence exchange program may be terminated in the fall of 1987, said Mary Z. Enterline, program coordinator. A lack of interest among MIT students has caused the possible termination of the program.

"Unless there is much more interest in the program next year, we may decide in December [1986] not to accept applications at all," Enterline said. Only eight MIT students were accepted for 1986-87, and of these, only five at present plan to attend. Interest in the program is still very high on the Wellesley side, with 34 students applying for the eight 1986-87 openings, she added.

In the residence exchange, approximately equal numbers of students from MIT and Wellesley spend a semester or a year living on the other campus. Traditionally, the program has included 10 to 13 students from each school since only 15 may be accepted, Enterline said.

MIT students in this program pay tuition to MIT and room and board to Wellesley. Upon return to MIT, they are still guaranteed dormitory housing if still eligible.

"MIT students find it harder to find time to go to Wellesley," Enterline said. "MIT has a much more prescribed curriculum, and many of the requirements have to be taken here. At Wellesley, they have more freedom within their own curriculum."

Since many of MIT's degree requirements cannot be satisfied at Wellesley, students rarely take more than two subjects per term at Wellesley, a plan easily accomplished within the cross-registration program, Enterline said.

Wellesley students, however, are restricted to only two MIT subjects unless they are in the residence program. Most Wellesley residence exchange students take all their classes at MIT for this reason, Enterline said.

The men in the residence program face problems with being a visible minority. There are about 20 male students on the Wellesley campus, according to Weisser. "It takes a lot of bravery for a guy to live at Wellesley," Enterline said. "The men at Wellesley can't blend in, while the Wellesley women here can."

Very few MIT women have traditionally been interested in this program said Helene Weisser '86, (Please turn to page 2)

## Writing requirements unmet

By Sally S. Vanerian

Over 800 members of the Class of 1987 have not yet satisfied the Writing Requirement, which is intended to be completed by the end of the junior year. The current junior class is the first to be subject to the requirement.

As of May 1, 862 juniors have not completed Phase Two, according to Bonnie Walters, coordinator of the Committee on the Writing Requirement. The requirement is intended to give students experience in the forms of writing used within their major.

The Class of 1987 deadline for submitting Phase Two papers is March 1, 1987, Walters said. The committee should not have difficulty in processing the papers unless all the students wait until the deadline to turn them in, she added.

The committee will review all papers from the School of Science and the School of Humanities, Arts, and Social Sciences. Because more papers are received from the School of Engineering, the committee will receive help from the Writing Program in reading these papers. Graduate students already help read papers

in chemistry and electrical engineering and computer science, Walters noted.

Phase Two can be satisfied in two ways:

- Receiving a grade of B or better for the quality of writing in a cooperative subject within the general area of a student's professional field, or in any one of the following advanced subjects in scientific and engineering writing: 21.337, 21.338, 21.780.

- Submitting a 10-page paper of expository prose from any MIT subject or UROP activity within the general area of a student's professional field.

The purpose of Phase Two of the Writing Requirement is "to engage upperclass students in the more specialized forms of writing used within their professional disciplines," according to the pamphlet "The MIT Writing Requirement." The requirement went into effect in the fall of 1983 for all new students.

The writing requirement was instituted because "the faculty felt that there was a need to improve the quality of MIT students' writing," Walters said. She felt many of the graduates of

MIT were deficient in writing. The requirement was "specifically designed with MIT students in mind," she added.

## Court will try trespass case

By Michael J. Garrison  
Andrew L. Fish  
and Harold A. Stern

A Cambridge District Court judge rejected motions to have charges dropped and to suppress testimony as the trials of Lawrence K. Kolodney G and Arnold Contreras '86 began yesterday.

The Cambridge Police had charged the two with trespassing in connection with MIT's removal of a shantytown on Kresge Oval March 14. They and six other students, members of the MIT Coalition Against Apartheid, had remained in the vicinity of the shantytown as physical plant workers tore it down.

The shanties had been constructed two weeks earlier to protest MIT's holdings in companies doing business in South Africa.

David Kelston, counsel for Kolodney, and Jay Barter, Contreras'

attorney, presented several reasons why charges should be dismissed:

- MIT should have allowed the protest as a form of free expression.
- The students could not have trespassed on MIT property, be-

cause they pay a tuition to attend the Institute.

- The protest was secretly videotaped in violation of the statutes forbidding clandestine recording of conversations.

The defense then made a motion (Please turn to page 2)

## Gray's letter explains taping

Editor's note: The following is the text of the letter President Paul E. Gray '84 sent to Keith Christopher '88, Angela Conroy '86, Philip Katz '83, Michael Levine '87, Alex H. Rosen '88, and David S. Teuer '86 concerning the Campus Police's use of videotapes.

Dear Mr. Rosen, Mr. Levine, Mr. Katz, Mr. Christopher, Mr. Teuer, and Mr. Conroy:

I received on April 2 a copy of your letter to MIT. I have read several copies of your letter and have been very much troubled by it. I have also read a copy of the letter to the President of the MIT Student Body dated March 28, 1986, because it is the only one that has been published in MIT. I am sorry that I cannot observe or other surveillance by videotape, photography, or any other means. I believe it is appropriate to respond in some detail to your letter, to make this response despite the fact that it involves matters of police operations, that are normally treated as confidential, and despite the fact that the issues relate to pending court proceedings involving two of those arrested on March 14 whose cases have not yet been resolved.

The MIT Campus Police do not own or possess a video camera, and prior to March 2, 1986, they have never attempted any videotape recording. Contemporary police methods include, however, that videotape records of certain events can be used both as evidence of violations of law that can be introduced at

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## US role in Lebanon detailed

By Donald Yee

"Eighty percent of the Lebanese people do not want war . . . and would like to rebuild Lebanon," Elaine Hagopian, an American professor who has spent much time in that country, told an MIT audience. "They would like not to be involved in these politics."

Hagopian, professor of sociology at Simmons College, spoke Tuesday night at MIT as "an American in Lebanon" in a talk sponsored by the MIT Lebanese Club.

Professor Hagopian was formerly a visiting professor at the American University of Beirut. She has been in Lebanon many times between 1971 and 1983.

Warring factions have kept the general population from a peaceful way of life, she said. "The leadership of the different communities . . . has roped the innocent victims into this, and they cannot help but be ghettoized in some of their communities," she explained.

Americans were no longer able to travel safely in Lebanon, "not because the Lebanese people hate us in particular, but rather American foreign policy has made it impossible for Americans to travel to that part of the world," Hagopian continued.

She criticized the current administration's foreign policy, particularly the recent attack on Libya, stating that these policies "are turning us into an American ghetto. We will be frightened to go anywhere, and we will be traveling around here flexing our muscles and saying we've beaten terrorism while we're scared to death to travel outside this country, and even scared to death to be in this country."

Hagopian divided American involvement in the Lebanon into two phases: early involvement which was genuinely concerned about the Lebanese and Arab issues, and later involvement which was more interested in improving American political power.

Her personal experiences in

Lebanon began in 1971. "During the late 1960s, early 1970s, there was a false prosperity in Lebanon . . . Beirut was the main port city of the area, there was money everywhere. It was called the 'Paris of the Middle East,'" she said.

In 1973-74 she returned as a visiting professor at the Ameri-

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Tech photo by Steven Kishi  
Professor Elaine Hagopian of Simmons College.

## inside

MIT's finest accept laurels: community members honored at awards convocation. Page 2.

Last chance for a night at the opera. Page 11.

Men's volleyball ends season ranked 20th in the nation. Page 12.



Tech photo by Ronald E. Becker  
The four winners of the 1986 Karl Taylor Compton Award, the Institute's highest student award.

## Awards given to outstanding members of MIT community

The Karl Taylor Compton Awards to students in recognition of outstanding contributions in promoting high standards of achievement and good citizenship within the MIT community: *Denice D. Denton G., Thomas T. Huang '86, Bryan R. Moser '87, Janine M. Nell G.*

The William L. Stewart Awards to students who have made outstanding contributions to extracurricular life at MIT: *Edward A. Ajhar '86, Gary H. Blackwood '86, David M. DiPietro '86, Stuart B. Brown G., George E. Georges '86, William M. Hobbib '86, David C. Martin '86, Irina Rakin '86, Seth P. Tuler G.*

The Laya and Jerome B. Wiesner Award for achievement in the creative and performing arts: *Daniel D. Turner '87.*

The Albert G. Hill Prize to minority juniors or seniors who have maintained high academic standards and have made continued contributions to the improvement of the quality of life for minorities at MIT: *Robert L. Satcher '86, Robin P. Scott '86.*

The Laya W. Wiesner Award to an undergraduate woman who has most enhanced MIT community life: *Vivienne Lee '86.*

The Malcolm G. Kispert Awards to the male and female senior scholar-athletes of the year: *Jerry L. Martin '86, Julie Chen '86.*

The Class of 1948 Award to the male senior athlete of the year: *Craig N. Poole '86.*

The Betsy Schumacker Award to an undergraduate woman for excellence in athletic competition: *Grace M. Saccardo '86.*

The Admiral Edward L. Cochrane Award to a male senior who has shown the highest qualities of humility, leadership and inspiration in intercollegiate athletics: *Daniel Lin '86.*

The Pewter Bowl Award to a female senior who has shown the highest qualities of inspiration and leadership in contributing to women's athletics: *Grace M. Saccardo '86.*

The Harold J. Pettegrove Award in recognition of outstanding service to intramural athletics: *Carolyn E. Beer '86.*

The Frederick Gardiner Fassett, Jr. Award to a member of the InterFraternity Conference who has unselfishly demonstrated the qualities of spirit, dedication and service in furthering the ideals of the MIT fraternity brotherhood: *Walter Tinley Anderson III '86.*

The James R. Killian Jr. Community Service Award to the fraternity with the most outstanding community service program: *Lambda Chi Alpha.*

The Kenneth R. Wadleigh Award to the Independent Living Group that has promoted and encouraged faculty/student interaction in their residence: *Delta Tau Delta.*

The Irwin Sizer Award to honor significant innovations and improvements to MIT education: *The undergraduate major in cognitive science.*

The Edward L. Horton Fellowship Award for fostering fellowship within the graduate student body: *Alison R. Burgess G.*

The Association of MIT Alumnae Award to outstanding senior women who have demonstrated the highest level of academic excellence through her coursework and related professional activities at MIT: *Karen K. Lee '86, M. Anjali Sastry '86.*

The Goodwin Medal in recognition of conspicuously effective teaching by graduate students: *David P. Keenan G., Erik G. Valler G.*

The Louis Sudler Prize in the Arts: *Lauren E. Singer '86.*

The Billard Awards to faculty or non-faculty employees for special service of outstanding merit performed for the Institute: *Winifred T. McDonough, David S. Wiley.*

The James N. Murphy Award to employees of the Institute whose spirited contributions to the Institute family have won a place in the hearts of students: *Albertina Alves, Frank L. Pieciul, Frances S. Scanlon.*

## Enrollment declining in exchange program

(Continued from page 1)  
member of the 1985-86 program. "Part of the reason is that freshmen get bad attitudes about the women at Wellesley," she said. "Also, most women at MIT just never think of getting out here [Wellesley] at all."  
Because of MIT's housing crunch, the program no longer considers fifth-year undergraduates since they are not guaranteed housing, further shrinking

the applicant pool. Weisser suggested, "I think somehow if there could be people talking more about how good their experience out here is, it would generate interest. People need to know about the different type of courses offered here that aren't offered at MIT."  
Once students participate in the residence program, a large percentage apply for a second year, Enterline said.

# Hagopian discusses Lebanon

(Continued from page 1)  
can University. At that time Hagopian "began to notice a change, because American foreign policy had entered into the area . . . the United States began to increase its spies in Lebanon, since all the political powers in the Arab world were tearing the place apart."

She told of experiences at AUB, particularly in the turmoil following the war with Israel. Lebanese riot police were called to the university to control protest-

## Judge rejects defense motion in trespass trial

(Continued from page 1)  
tion to suppress the testimony of the prosecution concerning the time just before and during the arrests, because these sections are missing from the recording.

The defense claimed that the tape had been edited, and the crucial parts had been either erased, destroyed, or never filmed. They argued that the prosecution had waived its right to testify by destroying exculpatory evidence.

Cynthia Weigel, the prosecuting attorney, countered that the tape was shut off because of battery problems. The prosecution argued that the Campus Police would not have edited out portions from the tape that would have proven that Senior Vice President William R. Dickson '56 gave the protesters a second warning before the arrests.

The court was recessed for nearly four hours to consider the motions, after which Judge Murphy refused to dismiss the charges on grounds that:

- The motion was not filed according to the rules.
  - The grounds alleged were not sufficient.
  - The complaint against the defendants is subject to proof at trial.
  - Paying tuition does not guarantee students the right to go where they wish.
  - The owner of property has the right to specify a reasonable limit on public expression on the property.
  - The court found no violation of the right to privacy.
- The judge also denied the defense's motion to suppress testimony. The defendants had enough eyewitnesses that they would not be harmed by the lack of the tape, the judge reasoned. Because the tape was incomplete, however, it would only be admissible as rebuttal evidence.

### Administration addresses taping

The Campus Police recording of the arrests included recordings of several other Coalition Against Apartheid demonstrations, according to a letter written by President Paul E. Gray '54 [see box, page 1]. The tape included scenes from the construction of the shanties on March 2, the March 6 demonstration in front of Gray's house, the March 7 protest at Gray's house and at the MIT faculty club, and the removal of the shanties on March 14.

Counsel for Kolodney and Contreras argued that the taping constituted a violation of their civil rights, Olivieri said.

"It constitutes a felony to engage in wiretapping, where you secretly place a recording device of any kind in a position where private conversation can be heard," Olivieri explained.

The video camera did record the conversations of the students, he acknowledged. The key factor, Olivieri said, is "whether you secretly install recording devices for the purpose of secretly recording."

"The officer [Roberts] held the camera right out in the open," Olivieri said.

ing students. "They came with tanks and immediately rounded up the students and planted evidence to arrest and to try and discredit the young people," she said.

The police presence led to a incident when a student was being pushed and hit by a policeman while walking on the campus during her free period. Hagopian intervened, asking why he was hitting the student, and he replied that his orders were to make sure all the students were in class to keep them out of trouble. He then proceeded to force Hagopian and the student into the nearest class.

Hagopian returned to Lebanon in 1979 with the United Nations Educational, Scientific and Cultural Organisation. "It was the sorriest state. . . . It was like a ghost town," she declared. "Everything was destroyed, but at

the smaller hotels, there were still people coming out well dressed and pretending it was the fun times of the past."

Hagopian also addressed the Palestinian question, stating that all the Arab states ideally should take part in devising a solution to the problem, although such a solution is not probable in the near future.

"The United States is not interested in Lebanon," she asserted. "The United States, when they were interested in Lebanon, once thought they could solve the Palestinian problem via Lebanon, get Israel recognized, and have all the other Arab states fall into line . . . Right now they don't see Lebanon as important. If it keeps the Syrians tied up, all the better. The Americans have determined that a certain level of violence in the Middle East is acceptable."

## Statement defends videotaping

(Continued from page 1)

trial, and to rebut allegations made after the fact, that the police acted improperly. I emphasize that these purposes are limited and do not in any way constitute surveillance or other covert observation.

In order to have available the benefits of a videotape record of potentially confrontational events that could lead to the use of force and to possible arrests, a member of the Campus Police who is a video hobbyist was asked in late February to be prepared to use his own camera and recording equipment. I have discussed this subject with Chief Olivieri and have learned that the equipment was used in this way only four times, and in each instance only briefly. The four occasions were the following:

- The erection of the shanties on the Kresge Oval on March 2, 1986.
- The demonstration in connection with the Executive Committee meeting at 111 Memorial Drive that occurred in the evening of March 6, 1986.
- The demonstration in connection with the Corporation meeting at 111 Memorial Drive and at the Sloan Building on March 7, 1986.
- The trespass warning and demolition of the shanties and arrests on Kresge Oval that occurred on March 14, 1986.

The use of the recording equipment at the latter three events was appropriate and fully justified, because in each instance there was a reasonable likelihood of violation of the laws regarding trespass, disorderly conduct or related offenses. In each instance, the Campus Police were present in some numbers, there was a clear need for the records if necessary to maintain the peace, and the videotaping was limited to the confrontational portions of the events.

The videotaping of the construction of the shanties is somewhat different in my view because the potential for confrontation and for arrest was less. Nonetheless, the shanties were being constructed without the permission normally required for such events. In fact, the day of the construction was the first day that the police officers used the cameras and brought it on campus, and the pictures they took were reported primarily to experiment with the operation of the equipment in the field. The tape he produced was not considered of any significance, as shown by the fact that it was not subsequently reviewed by anyone at the Campus Police or elsewhere, and by the fact that the tapes of the demonstration of which a number of the arrests on March 14 were the result were a more substantial portion of the March 14 material.

I believe that two primary objectives of the circumstances surrounding the videotaping by the Campus Police, because videotaping in confrontational situations is an appropriate and useful part of police practice, there may be many situations in which such videotaping will be warranted by the Campus Police for the limited purposes indicated. There is, however, no place at any time at MIT for general surveillance or other covert observations, and they will not be tolerated. A university must necessarily function as an open forum for all ideas, encouraging the expression not only of those who hold popular views, but also of those who dissent and protest. The use of appropriate and legitimate police methods, including the videotaping of confrontational situations, must be sensitive to the special values of the university, and I insist that they are employed properly at MIT.

As for your request for the tape, I would normally decline to have it shown, because it is my belief that the sole purpose of any videotaping should be for use by the Campus Police in preparing prosecutions and rebutting claims of excessive force. In the future, that would be my response. In this instance, however, a number of persons have been allowed to view the tape and, in fairness, you should be able to do the same. Accordingly, you and other interested members of the MIT community may view the tape, in its entirety, at the office of the Campus Police. You will note, when you see it, that it also contains various excerpts from television programs, cable motion pictures, and test shots that were recorded by the officer at other times on his personal use of his taping equipment.

Arrangements for viewing can be made by contacting Chief Olivieri, who will make the tape available for viewing at reasonable times for those who wish to see it.

(Editor's note: Gray reviewed the following statement he added to the text of the letter.)

The Faculty Committee on Privacy, in the months ahead, will be looking at the question of principles which might be considered for the case of videotaping.

# news roundup

from the associated press wire

## World

### Soviets still battling Chernobyl fire

The Soviet Union yesterday confirmed that it is still battling the fire at the Chernobyl nuclear power plant 12 days after the explosion. *Pravda* said helicopters are dumping sacks of sand, clay, lead and boron on the reactor.

At the same time, the Environmental Protection Agency reported the first airborne radiation from the Chernobyl disaster has been detected in three western cities: Cheyenne, Denver and Richland, WA.

Nuclear scientists in West Germany said the radioactive core may be melting through the plant's floor. The head of a West German nuclear group said the Soviets have asked how to prevent a "hot molten mass" from melting through the concrete foundation.

The official casualty toll remains at two deaths and about 200 injuries, but the Yugoslav news agency claimed that a third Soviet citizen died yesterday morning in a Kiev hospital.

For the first time since the accident, the Soviets allowed a group of western reporters into Kiev yesterday. Police are stopping cars to check for radiation. Water trucks have been washing down city streets as part of an effort to fight dust which may contain radioactive particles. Residents have been told not to eat salad and to wash their floors daily and keep their windows closed.

A British member of the European parliament said the Soviets have asked the Common Market to sell it huge amounts of food like grain, butter, beef and powdered milk. But spokesmen for the Common Market and the British Foreign Office deny there has been any request.

The United States said the accident points out the need for verification of arms control agreements. But the Soviets do not see any link between the two. (AP)

### Sri Lanka bombing kills 11

A bomb exploded during business hours Tuesday morning in Sri Lanka's Central Telegraph Office, killing at least 11 people and wounding more than 115, 20 of them critically, according to police reports. As a heavy monsoon swept over the city, rescuers searched for buried survivors into the night. No group immediately claimed responsibility for the blast, but authorities believed it to be the work of Tamil separatist guerrillas. The government has also blamed Tamil separatists for a bombing that blew apart an Air Lanka jet at Katunayake International airport on Saturday. The airport bomb killed 16, including three Sri Lankans, two Japanese, two Maldivians and nine Europeans, and wounded dozens.

Two floors of the three-story telegraph office collapsed. The colonial-era building is half of the national telecommunications complex in the heart of the capital. Many Ceylonese rely on public telephone and telegraph facilities. The police said they had detonated a second bomb in the complex.

Prime Minister Ranasinghe Premadasa, in London for a meeting with Prime Minister Thatcher, called the denounced the bombing, saying "the common enemy that mankind faces today is terrorism." (*The New York Times*)

### Seven countries discuss terrorism

President Reagan yesterday returned to Washington from a three-day summit meeting at Tokyo. The United States went into the summit meeting hoping for a declaration on terrorism. The seven summit countries — the United States, Japan, West Germany, Britain, France, Canada and Italy — approved measures designed to detect and monitor terrorist suspects, but rejected more stringent proposals, like military reprisals or economic boycotts.

The leaders also pledged to control major fluctuations in the economic systems of the major nations, to criticize the Soviet Union for its handling of the Chernobyl accident and to urge improved East-West relations.

The countries will try to harmonize the performance of many of the measures of their separate economies, not merely their exchange rates, to keep the rates within a general range. (AP)

### State Department considers embargo on Libya

State Department officials yesterday said the United States is considering an embargo on petroleum products which are made with Libyan crude oil and refined elsewhere. They hope this would pressure European countries to limit the amount of Libyan crude oil they buy. The head of the State Department's counter-terrorism office said further US measures will be announced soon.

This discussion came after the United States, Canada, Japan, West Germany, Great Britain, France and Italy endorsed political steps to isolate Libya. The nations had made private commitments to impose their own economic sanctions against the North African state.

The Reagan Administration has drafted a list of additional economic and financial sanctions in an effort to isolate and undermine Libyan leader Moammar Khadafy: a crackdown on Libyan Airlines by either closing European offices or reducing the number of flights allowed; a withdrawal of funds European governments now hold in banks owned partly by the Libyan government; and European pressure on companies to withdraw from Libya. (AP, *The Boston Globe*)

### US missile shipment diverted to Libya, Syria and Iran

A shipment of 50 US Stinger ground-to-air missiles clandestinely bound for South Africa disappeared during shipment from Europe last year and was diverted to Libya, Syria and Iran, according to sources close to the arms trade. There is a possibility that the missiles never existed, but the sources insist the Stingers were on their way to South Africa and vanished. The shoulder-launched supersonic missiles can bring down aircraft and are among the most restricted of US-made weapons. They are described as ideal terrorist weapons, which can guide themselves to an aerial target at a range of three miles. South Africa, Libya, Syria and Iran are all unable to buy restricted American arms legally. (*The Boston Globe*)

### US-Soviet arms talks resume

After a nine-week hiatus, US and Soviet negotiators yesterday opened the fifth round of arms negotiations at Geneva. Viktor Karpov, the chief Soviet negotiator, said Moscow has offered a number of arms control proposals, and claims it is now up to the United States to ensure the talks make progress. (AP)

### Botha may lift ban on ANC

The South African government is reported to have launched a key initiative under which the ban on the African National Congress would be lifted and its leader, Nelson Mandela, released from jail in return for an end to hostilities. Press speculation about negotiations between the government and the ANC was fueled by a disclosure on Tuesday that President Botha had sent a message to the Tokyo summit pleading for recognition of the steps Pretoria has taken to dismantle apartheid. A meeting on Monday between Mandela and the white liberal MP Helen Suzman has been seen as another sign that peace talks may be imminent. However, her optimistic assessment that his release could lead to a peaceful resolution of the conflict in South Africa was met with derision from ministers.

Much of the optimism, which was even reflected in the pro-government *Beeld*, revolves around a peace plan prepared by the Commonwealth Eminent Persons Group. The first step of this is to persuade Botha to release Mandela and to lift the ANC ban in return for persuading the ANC to abandon its guerrilla war. A second step is to begin direct or indirect negotiations between the government and the ANC.

Meanwhile, a monitoring source said that deaths in police custody and detentions of activists had soared since the lifting of the state of emergency in March. The Detainee's Parent Support Committee said five blacks died in custody in April, compared with 12 in all of 1985. (*The Guardian*)

### Manuscript called "find of century"

A three-page working draft of a play dating from the age of Shakespeare has been discovered by the Marquess of Lothian among archives at Melbourne Hall in Derbyshire. It is considered to be the literary find of the century. It is the only working draft, complete with revisions in the playwright's own hand, to have survived from the great era of British dramatic writing. The manuscript will be auctioned June 20, and is expected to raise over \$300,000 for the Melbourne gardens, which were patterned on Versailles and are the only surviving example of a formal 1700's garden in Britain.

The play from which the scene comes is unknown, but the author has been established on stylistic grounds to be John Webster, the author of *The Duchess of Malfi*, and Shakespeare's closest rival. It has been dated to between 1606 and 1609, the same period as *King Lear* and *Volpone*. The manuscript arrived at Melbourne as wrapping paper. Sir John Coke, ancestor of the present occupants of Melbourne and Charles I's Secretary of State, sent his papers down from London in 1634 wrapped in paper, which was then a costly item. (*The Times of London*)

## Nation

### Alaskan earthquake forces evacuation

A major undersea earthquake rocked Alaska last Wednesday, sending a series of small tidal waves across the ocean to the Pacific Northwest and Hawaii. Officials in the Aleutians, British Columbia, Washington, Oregon, California and Hawaii recommended evacuation of all low-lying coastal areas and urged residents to stay tuned to their radios. (*The Boston Globe*)

## Weather

### Here comes the sun again

The stubborn low southeast of Cape Cod that has given us our most recent string of gloomy days will gradually move out to sea. This will bring a slow, steady improvement in our weather through the weekend, although temperatures through the period will remain below normal for this time of year.

**Friday:** Variable cloudiness, possibly brighter late in the day. Winds around 10 mph out of the northeast. High near 54. Cloudy at night with a low near 45.  
**Saturday:** A cloudy start but becoming partly sunny by afternoon. Winds around 10 mph out of the north. High near 58.

**Sunday:** Partly sunny, breezy, and a little milder. High near 62.

Forecast by Peter Sousounis

Compiled by Thomas T. Huang and Julian West

### Senator claims NASA quality assurance personnel has declined

Sen. Albert Gore Jr. (D-TN) claimed yesterday that the National Aeronautics and Space Administration has reduced the number of people who monitor the quality of work and equipment by 70 percent over the last 15 years. This became a factor in the agency's recent problems, including the Challenger disaster, he said.

Gore had obtained the data from a NASA employee. He said the data shows that the number of "reliability and quality assurance personnel" has declined to 505 from 1689 in 1970. Milton A. Silveira, chief engineer of NASA, acknowledged that Gore's figures were correct. (*The New York Times*)

### We've got your number

The Social Security Administration said a private company with an official-sounding name is trying to charge people \$10 to get a social security number. The government provides the same service for free.

Social Security spokesman James Brown said people from New York to California have been getting official-looking letters from an outfit called the Federal Record Service. The letters carry a boldface headline that says: "Important notice — new federal legislation may require that all dependents be listed by social security number on your income tax return." It tells the recipient that "county records" show their newborn has not been registered and warns, "it is important that your child be issued a social security card immediately." The company then offers to "handle the paperwork and clerical details for you."

Brown said there is no law requiring infants to have social security numbers. (AP)

## Local

### Safety experts study commuter crash

Federal safety experts have ruled out brakes and signals as factors in yesterday's crash between an Massachusetts Bay Transit Authority commuter train and a Conrail freight train that injured up to 200 people.

The crash occurred when a Boston-bound train packed with commuters rounded a bend in Brighton last Wednesday and rammed into an idle freight train. "We were just going along and suddenly — boom," said a rider in the third car. "People fell like dominoes."

William Zielinski of the national transportation safety board investigation said yesterday that early test results indicate train signals and brakes were functioning at the time of the accident. Eight people were hospitalized as a result of the morning rush-hour wreck.

(*The Boston Globe*)

### 8th CD candidate urges spending cap

State Senator George Bachrach, one of 10 candidates for the Democratic nomination to succeed House Speaker Tip O'Neill in the Eighth Congressional District, called for a spending limit for all candidates in the race. Bachrach sent a letter to six fellow Democratic contenders asking them to renew a \$500,000 spending cap called for by then-candidate William Galvin in December. "In the bottom line campaigns go on too long and cost too much money," Bachrach said. Reactions among the other candidates varied. Carla Johnston and State Representative Thomas Gallagher supported the cap; Jim Roosevelt said he would support it, but suggested a higher limit. Joseph P. Kennedy III and several others refused to back the proposed cap. (*The Cambridge Chronicle*)

# opinion

## Editorial

### Do not restrict EECS enrollment

The Committee on Undergraduate Admissions and Financial Aid (CUAFA) will meet today to decide whether or not to restrict some admitted students of the Class of 1991 from majoring in Course VI. The future of MIT would be served better if the committee rejects those restrictions.

The issue of enrollment restrictions has resurfaced after two years of dormancy. Once again, the Department of Electrical Engineering and Computer Science finds itself oversubscribed.

A university should allow its students to survey different fields and decide, without restrictions, what they wish to study further. On the other hand, the MIT environment affects the quality of an individual student's education. An overcrowded department will find itself short of resources, such as laboratory facilities and thesis supervisors.

Given this balance of issues, and given that enrollment in Course VI has stayed under the benchmark levels for the past two years, MIT should, at least for now, consider next year's projected increase in enrollment as an anomaly.

The Institute must be patient in solving the crowding problem. Restrictions might be effective in the short-run, but they would also be detrimental to the student's freedom to mold his or her own education at MIT.

MIT instead must solve the problem, albeit slowly, seeking a more balanced student body and encouraging more interaction between departments. MIT should continue to work on the following:

- *Attracting a more balanced student community.* Education for all is degraded when the interests of the student body are skewed too far in one direction. As the *Long-Range Plan* written by top MIT administrators points out, the swollen enrollments throughout the engineering school tend to create a culture where all other fields are implicitly devalued, damaging the quality of education.

- *"Jawboning" to the students, year in and year out.* MIT must continually stress to freshmen the alternatives to Course VI and encourage them to investigate the possibilities. The programs in mathematics, physics, management information science, cognitive science and material science all have courses of study related to electrical engineering and computer science.

If these measures fail over the coming years, then perhaps restrictive admissions will be the answer. But for now, the Institute must seek intelligent measures, rather than quick fixes, to balance its student community and ease the overenrollment in the Department of Electrical Engineering and Computer Science.



Column/Simson Garfinkel

### Only disaster causes change

The disaster mentality pervades the human experience. People, organizations and governments are rarely willing to reform until disaster strikes. To see the disaster mentality in action, one has to look only as far as the front pages of the newspapers.

It is now widely recognized that the Challenger accident could have been avoided if NASA employees had paid closer attention to reports of potential flaws in the shuttle's booster rockets. They did not. Both inside NASA and out, the safety of the shuttle was not seriously questioned until after the disaster.

A chemical disaster in Bhopal claimed the lives of thousands of villagers. Nobody had considered the dangers of placing a sophisticated chemical plant into a third-world country until after the disaster struck. Despite a questionable operating record, Union Carbide's sister plant in the United States was not examined by the surrounding community until after the disaster.

Bridge failures, fires in skyscrapers and automobile recalls all point to the disaster mentality: we tend not to address safety issues until after disaster has struck.

The nuclear disaster in Chernobyl illustrates that the disaster mentality is not a result of the capitalistic system or American and Western European attitudes about technology. The Soviets have their share of disasters; we

just don't hear about them as often.

Each successive disaster in recent years has outdone all previous disasters, in costs to society and in human life. Chernobyl was a far worse nuclear accident than Three Mile Island. The Challenger accident was worse than the Apollo I explosion. As systems become more and more complicated, failures in single components can produce catastrophic results. If this trend continues, one day a disaster will kill all of us.

The disaster mentality is not human nature. It is simply a way society has taught us to think and work.

MIT is also teaching the disaster mentality. The Institute is not alone: most schools in the world teach it. With emphasis on quantity of work and deadlines rather than on quality and detail, we are being taught to court disaster after we graduate.

This all comes to mind now that exams and final paper deadlines are approaching. How many of us are living on the edge? How many of us have saved substantial amounts of work and studying for the last weeks or days of the term? How many of us are courting disaster?

The Institute is training the engineers of future Chernobyls.

*Editorials*, marked as such and printed in a distinctive format, are the official opinion of **The Tech**. They are written by the Editorial Board, which consists of the chairman, editor in chief, managing editor, executive editor, news editors and opinion editors.

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*Letters to the Editor* are welcome. They should be typed and addressed to **The Tech**, PO Box 29, MIT Branch, Cambridge MA 02139, or by interdepartmental mail to Room W20-483.

Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without express prior approval of **The Tech**. **The Tech** reserves the right to edit or condense letters. We regret we cannot publish all of the letters we receive.

## The Tech

Volume 106, Number 25

Friday, May 9, 1986

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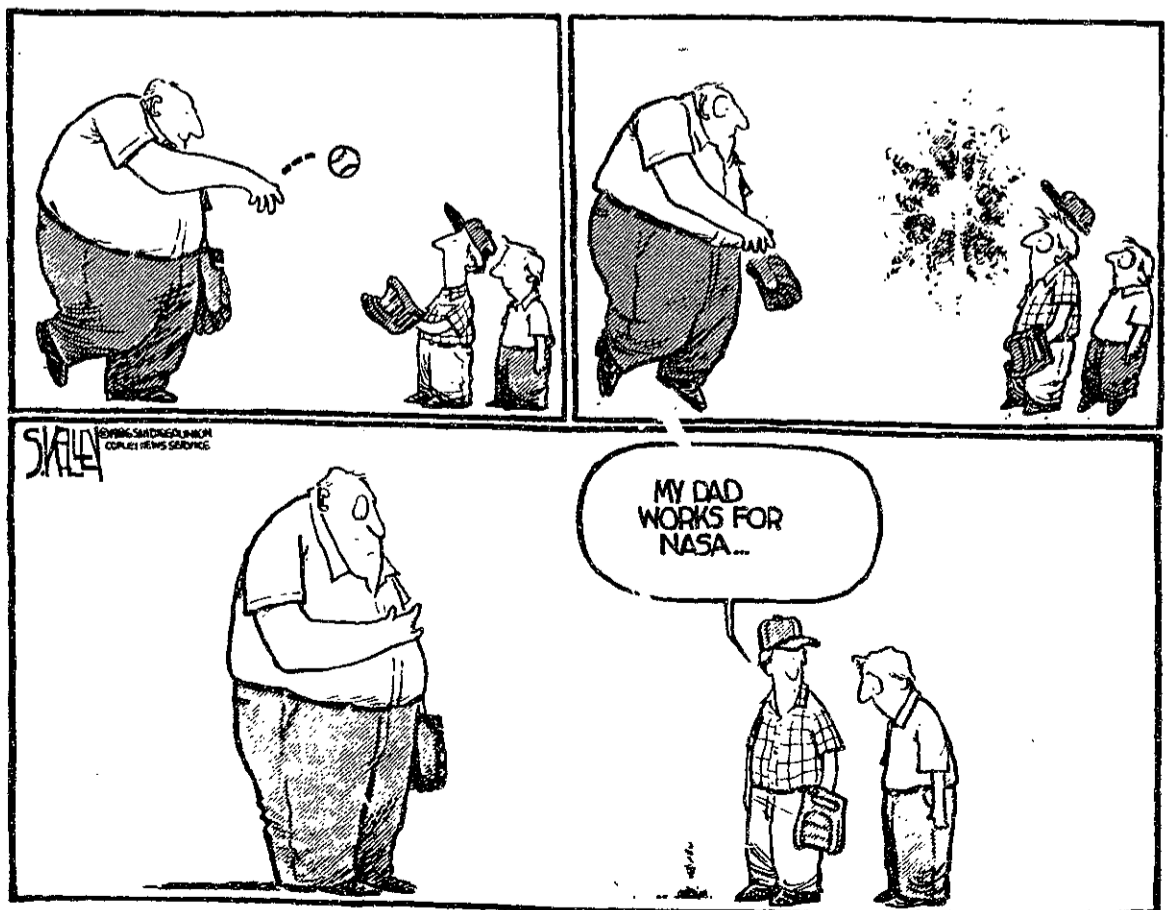
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# opinion

## feedback

### MIT admissions should not restrict freshman

To the Editor:

I am writing this letter in response to the article in *The Tech* ["Moses: Course VI needs limit," May 6]. As a concerned member of the MIT community, I would like to tell you my concerns on the vote pending in the Committee on Undergraduate Admissions and Financial Aid (CUAFA).

There is an obvious need to do something about the overcrowding in Course VI. And as the article points out, the proposed change is to restrict a certain percentage of the Class of 1991 from majoring in electrical engineering and computer science. This is not new; the first suggestion of limiting people from majoring in EECS came in 1984. There are obvious questions as to how the restrictions would be made, whether through a random or selective process, how this would effect admissions, and so on.

It is obvious that restricting one's major would adversely effect admissions. When I was considering applying to MIT, whether I might be restricted from majoring in EECS was a major consideration. And had I been restricted from majoring in EECS I would not have accepted MIT's offer of admission whether I was planning to major in Course VI or not. The idea that I could not major in a specific area would have been too stifling for me. But then again, that is my

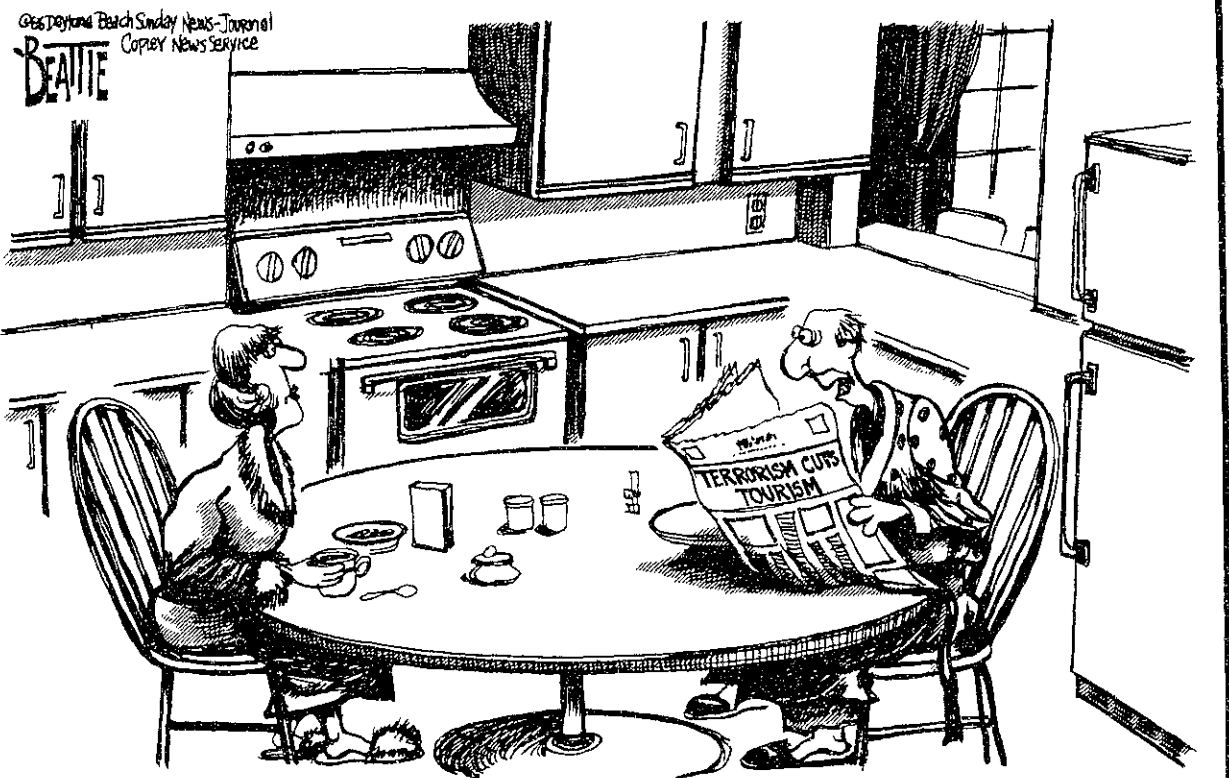
own problem, though it might be felt by others.

What is of more concern to me is the fact that before arriving at MIT the Institute would be telling a number of students "you cannot major in electrical engineering and computer science." If a selective process is used to decide who can or cannot major in Course VI, how would this work? Obviously the candidates' high school records would be used as the basis of this decision. Can the admissions office or the EECS department honestly use the high school records of students, who have yet been tested on college level work, or the level of work here at MIT, to determine who is fit or not to major in Course VI?

How do you explain to the student why he or she is being prevented from majoring in EECS? Whatever is said to the student, it will come out as "Well, you're not good enough in our opinion to go Course VI. We feel that there are other people better than you. Sorry." By making the decision selective, the Institute would be in essence ranking people before they arrive at MIT. I also think such decision should not be left to chance, do you?

Perhaps a solution to the problem is not restricting students from majoring in EECS before they arrive at MIT, but after they have arrived. The Woodrow Wil-

(Please turn to page 7)



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# opinion

Guest Column/Arthur Hu

## Students should learn from the diversity at MIT

(Editor's note: The following is the last in a series dealing with ethnic diversity at MIT.)

For those of us who came from suburban or ethnic neighborhoods, MIT is a place where one can interact within a truly diverse community for the first time. For some like myself who grew up as the only ethnics in their neighborhood, it can be a first place to seriously explore an ethnic identity other than "average American."

During the 1970's, many seemingly trivial incidents flared into major controversies because of this diversity. Among other things, people have been upset over confederate flags, Christmas trees, Christian Jews, "traditional" registration day movies, a consumer guide to MIT men, *Technique's* Groggo, and vandalism of the GAMIT bulletin board.

Since those days, I think the community has learned a few things about group sensitivities. At the same time, it seems that people have learned to take themselves just a bit less seriously. Though everyone has a right to be outraged every now and then, MIT is, after all, a varied community which must serve many groups.

MIT is an excellent place to observe people who lie at either

extreme of "pure ethnic" and "average American," as well as everywhere in between. As one who has occasionally bounced between the worlds of Chinese and Americans with varying degrees of success, I don't think that there can be any one "correct" position. It depends on who you are, and no one can dictate who you can and cannot associate with. No matter what identity you may be searching for, you are a unique individual, not merely a faceless member of some arbitrarily defined group.

Asians in particular can have difficulties with identity because of the extreme ranges of backgrounds and experiences, which range from international students to American-born students who are often indistinguishable from other Americans except by appearance. A large number of the Asian American students at MIT are foreign-born, and ten percent of the Asian freshmen are international students.

Because of MIT's large international population, MIT has Chinese, Japanese, Korean and Vietnamese student clubs. Yet it has no single Asian-American organization, unlike many other campuses.

The MIT Chinese Student Club is now one of the largest student groups on campus. Since

the 1970's, it has evolved from what was once primarily a small foreign student club into what is now turning into the de facto Asian American organization at MIT. Where once I might receive odd stares at CSC parties because I did not speak Chinese, at recent parties I've noted that nearly all conversation is in English.

At MIT and other campuses, it is not uncommon for non-Asians to participate in Asian organizations or even in smaller social cliques. At the same time, many Asians elect to ignore Asian events entirely. This may indicate that they would rather socialize simply as general members of the community, or they feel they really don't have that much in common with foreign students. But it might also be that because of the large numbers of Asians at MIT now; self-segregation isn't necessary to meet other Asians.

At many campuses, the role of racially-focused social groups and living arrangements has brought up the issue of how much of this is beneficial. Focus can cultivate ethnic identity and enhance the quality of life for minority students. At Stanford, where the black, Asian and Hispanic theme houses are set at 50 percent minority, another goal is cultural interchange. But such arrangements can also create a for-

ress of ethnic isolation which only fosters separation and discourages interchanges.

Interracial dating is a particularly sensitive subject as individuals are sometimes subjected to considerable pressure to date within their own group. The paper "Asian-Americans: Psychological Perspectives," describes how and why Asian women tend to date out of the group more than Asian men. A survey done by the Harvard Committee on Race Relations in 1980 found similar results. It also found that for blacks, it is actually the men who date interracially more often.

One explanation lies in the interactions between American values and physical and cultural differences. Whether the differences are real or merely the result of stereotypes, perceptions of physical size, strength and assertiveness can cause Asians of either sex to be viewed as more feminine and blacks as more masculine. Also, American dating patterns are not something that Asian cultures have had much time to adapt to. Males are usually the ones expected to initiate dates, causing a great deal of the racial asymmetry.

This asymmetry may or may not be a problem that needs to be solved, but an awareness of this

may be helpful to those who wish to avoid the effects of subtle cultural biases. Indeed, many Asians may be catching onto this game.

In concluding this series, I have been presenting an underlying philosophy about racial issues, and some new notions about the meaning of equality and fairness. Contrary to popular dogmas, I believe that as long as groups retain their unique strengths and weaknesses, they cannot be expected to be exactly equal unless they are exactly identical. But these differences are not unchangeable. No one was created to be better, worse or even equal to anyone else. Indeed the whole point of MIT is to produce people who can do engineering better than anyone else.

Groups can't be brought together by putting up walls and pretending that differences don't exist. Such a course of action will only serve to keep everyone exactly where they are. Rather, we should lower the barriers and encourage learning from the diversity around us. In my own experience, I learned far more about people from this diversity than in all the humanities courses I ever took. This diversity may be one of the best reasons for coming to an institution like MIT.

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### Do you have questions or comments? Send them to:

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Rm. 211, or call Robin Wagner, x3-8051.

# opinion

## feedback

### Videotaping is not neutral

To the Editor:

I have two comments on the letter of Adam Grossman '86 and Julian Joseph '85 ["MIT must explain reasons . . .," May 6]. First of all, there is no such thing as "a neutral act" with regard to videotaping protests. If you were

a policeman, would you film police brutality? The video camera is on when the officer turns it on, and all he has to do is flick the switch off when he wants to. Even after the film is developed, it can be spliced and edited. Things can appear in very differ-

ent out of context. The videotape is being used as evidence in the trial — is this just?

Second of all, I received MIT's justification for its actions in the form of a letter from President Paul E. Gray '54 [see box, page 1]. As you can see from the letter, MIT has violated its own policy, according to Gray, since "it is not now, and never has been, the policy of MIT to conduct any covert observations or any other surveillance, by videotape. . . ."

Gray tries to skirt the issue by claiming the cameraman was a "video hobbyist" and that the videotaping occurred "only four times, and each time only briefly." Interestingly, these four times included two key demonstrations, the erection and demolition of the shanties, and the arrests. Gray fills his letter with irrelevant details and avoids the issue, perhaps because he realizes that there is no justification for what MIT has done.

Diana Tener '86

### CUAFA should follow Princeton's example

(Continued from page 5)

son School of International Affairs and Public Policy at Princeton University is one of Princeton's most popular majors. Yet, in order to major in the Woodrow Wilson school, students must apply to the department at the end of the sophomore year. Approximately 100 to 120 students apply for the 80 spots. The decision is made on the basis of college level work and work already done in the field of the school.

The Princeton example should be examined by the department of EECS, CUAFA, and the office of admissions in considering whether or not to restrict future students from selecting EECS as a major. It is an alternative to the current proposals and in my

opinion more fair than those under consideration because it judges students on proven MIT-level work. MIT would have to adapt the system to the Institute's particular needs, of course. As Princeton's admissions office does, MIT should also make it clear to prospective students that Course VI is a selective major.

Although the Princeton system does have its own weak points, the committee should consider it among the options on how to ease overcrowding in Course VI.

Claudio Goldbarg '89

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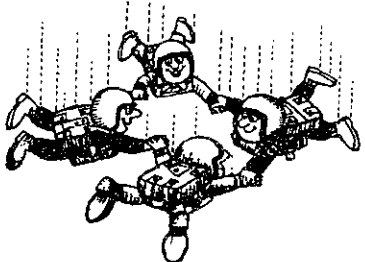
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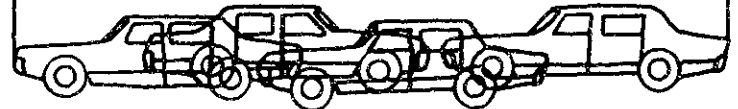
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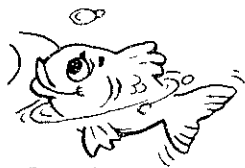
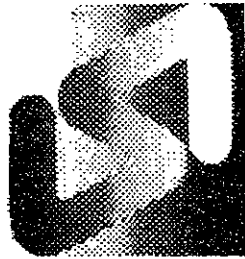
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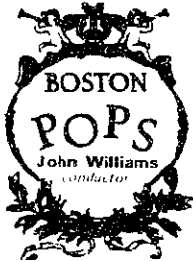
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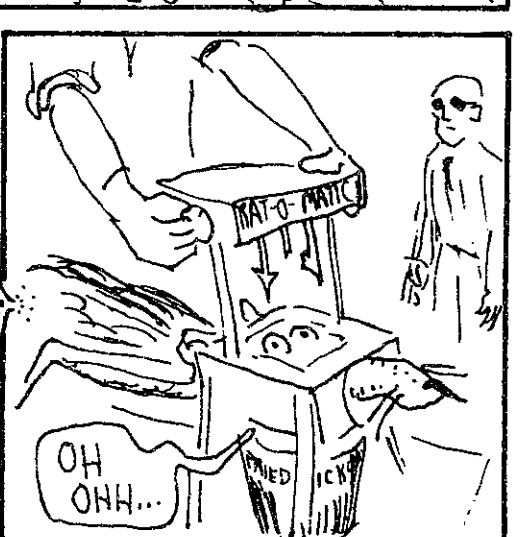
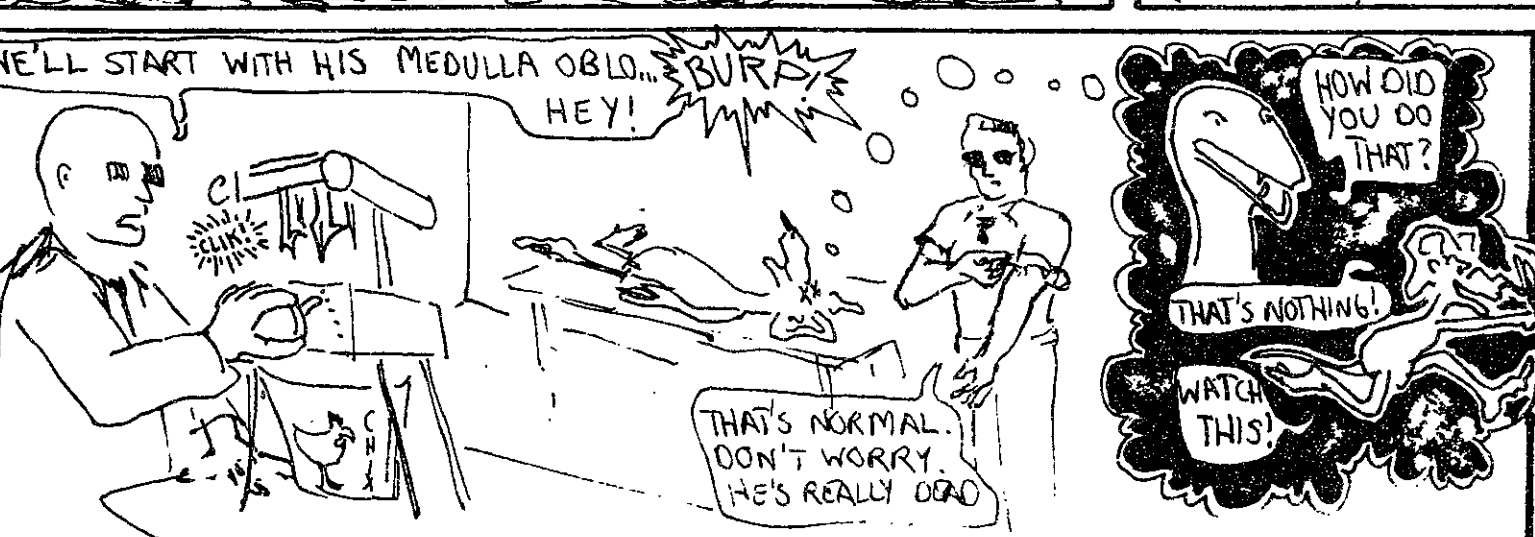
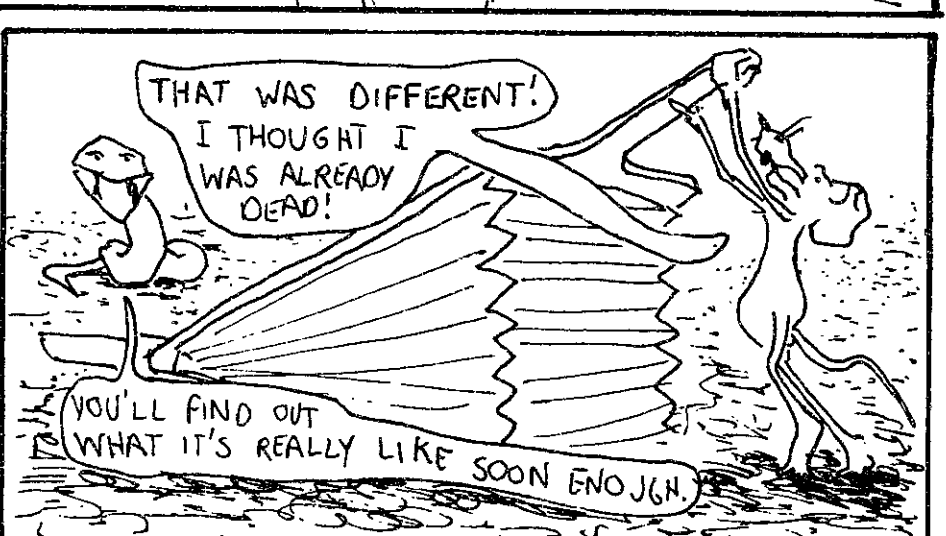
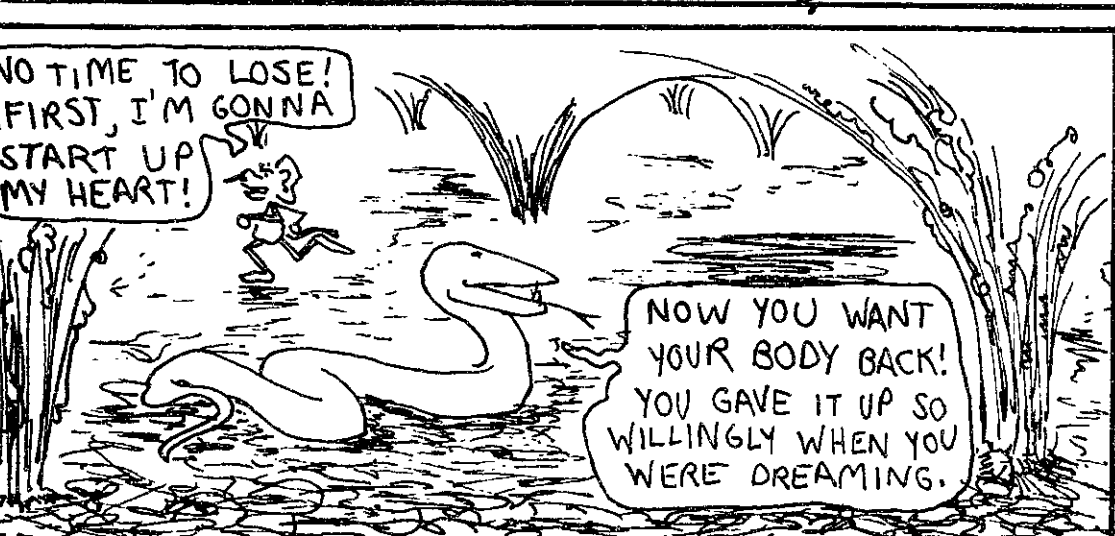


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Student activities, administrative offices, academic departments and other groups — both on and off the MIT campus — can list meetings, activities, and other announcements in *The Tech's* "Notes" section. Send items of interest (typed and double spaced) via Institute mail to "News Notes, *The Tech*, room W20-483," or via US mail to "News Notes, *The Tech*, PO Box 29, MIT Branch, Cambridge, MA 02139." Notes run on a space-available basis only; priority is given to official Institute announcements and MIT student activities. *The Tech* reserves the right to edit all listings, and makes no endorsement of groups or activities listed.

### Friday, May 9, and Saturday, May 10

The MIT Dance Workshop presents a Spring Concert, directed by Dawn Kramer with guest choreographer Arawana Hayashi. The concert will be held Friday May 9 and Saturday May 10, at 8 pm in Kresge Little Theatre. Admission is free.

### Sunday, May 11

Student Productions Association of Harvard University is proud to present SUN-FEST, and all-day, intercollegiate rock and roll festival to benefit the homeless of Boston and Cambridge, on **Sunday May 11** in the athletic fields at Harvard University. SUN-FEST will feature national recording artists **Face to Face**,

along with popular Boston bands **Rick Berlin-The Movie, O-Positive, Three Colors, The Blackjacks, and Skin**. All proceeds from SUN-FEST will go directly to Phillips Brooks House and The Pine Street Inn. Tickets for SUN-FEST are \$5 and will be available before the show at selected areas on local collegiate campuses and at the gate the day of the show. SUN-FEST will begin at 12, doors will open at 11. For more information, call Student Productions Association at 495-9390 or Scott Paton at 498-3400.

### Monday, May 12

**How to Help Your Children Cope with Divorce** is the title of a free lecture-discussion which will be given at and sponsored by Riverside Family Institute, a non-profit organization. The lecture will take place at 8 pm at 259 Walnut Street, Room 14, Newtonville. No pre-registration is required. For more information, please call 964-6933.

### Saturday, May 17

Boston Area Educators for Social Responsibility will hold their spring fundraiser dance-a-thon **Give Peace a Dance** at the Massachusetts College of Art from 4 pm to 1 am.

Give Peace a Dance will feature eight hours of live local bands and entertainers. Sponsored dancers pay \$5 to register, non-sponsored dancers and individuals can pay a \$10 donation to the door. Registration forms and sponsor sheets are available at ESR, 11 Garden St., Cambridge 02138.

Boston Area ESR is a non-profit educational organization made up of parents, teachers and school administrators who are committed to finding ways of responding to young people's concerns about living in the nuclear age.

### Sunday, May 18

**May Tour of the Month - Boston Common and Public Garden** - Guides Sharon Brown and Deborah Coppa will lead a spring stroll through the Boston Common and Public Garden. Sunday, May 18 at 2 pm. Meet at the Robert Gould Shaw Monument, Boston Common, Beacon St. and Park St. across from the State House, Boston. Tour lasts 90 minutes and costs \$5.00 (members \$2.00). Rain or shine, reservations not required. For details call 367-2345.

### Wednesday, May 28

On Wednesday, May 28, from 10 am to 4 pm, Refugee Alert will sponsor a conference entitled, **"Strategies for the Undocumented: Humane Solutions for Central American and Haitian Refugees."** The conference will explore the problems that face these communities in Massachusetts and possible legislative and social service solutions. Speakers will include elected representatives, legal experts, social service providers as well as refugees themselves. The conference will be held in Nurses Hall at the State House. Suggested donation is \$10 and includes lunch and entertainment. For more information, please call Larry or Josefina at 661-6130.

### Announcements

**Freshman (Class of '89) who have declared Course VI** (either 6-1 or 6-3), should come to the Course VI Undergraduate Office (38-476) before **May 15**, to select a faculty advisor and to receive important program information. First come first served!

The Student Center Committee's **PARTYLINE** is once again working. Call anytime 253-3942 with party news; call Thursday through Saturday to hear about the parties around campus.

\* \* \* \*

The **American Academy of Achievement** has launched a nationwide search for ex-honorees of the society and will hold a 25th anniversary salute from June 26-29 in Washington, D.C. Honorees who would like to attend the ceremony should call 950-1088, followed by A-C-H-I-E-V-E.

\* \* \* \*

Area "B" on **Briggs Field** (directly behind the tennis bubble) is closed for the spring and summer. The field has been renovated by Physical Plant and will not be ready for use until this fall. The Athletic Department requests that all people refrain from using Area "B" until it is officially open for play in September.

\* \* \* \*

**June degree candidates** who have student loans administered by MIT will be receiving notices to schedule an Exit Interview with the Bursar's Office Student Loan Department, E19-225, x3-3341. These interviews are mandated by the US Office of Education and are required by the Institute to maintain good standing on the degree list. The notice also serves to activate the repayment status and terms of the loans.

\* \* \* \*

All **second term sophomores** considering a career in medicine should make an appointment this term for a premedical advisor. Please phone x3-4737 or come by 12-170, Office of Career Service and Preprofessional Advising.

## Ongoing

The **MIT Museum** has many ongoing exhibits. The Museum is located at 265 Massachusetts Ave., and is open Monday through Friday, 9 am - 5 pm, Saturday 10 am - 4 pm. Admission is free.

through June 14: **Nihonga: Contemporary Japanese Paintings in the Traditional Style**. Representative works by 48 contemporary Japanese artists.

through July 26: **Sculpture by Beverly Benson Seamans**. Garden sculptures include birds, animals, and children.

through July 31: **Ansel Adams: Photographs**. Approximately 60 prints by the early 20th-century photographer. **Calvin Campbell: A Photographic Perspective of MIT**.

through Aug. 8: **Hans Hinterreiter: Color Music**. These rotating shapes, mirror images and rhythmic repetitions vibrate with intense color.

ongoing: **Light Sculptures by Bill Parker**. Changeable, touchable plasma sculptures.

ongoing: **Gjon Mili: A Tribute**. World-famous photographer Gjon Mili '27 pioneered the use of electronic flash and multiple-exposure photographs.

ongoing: **Math in 3D: Geometric Sculptures by Morton C. Bradley, Jr.** Wonderful revolving sculptures based on mathematical formulae.

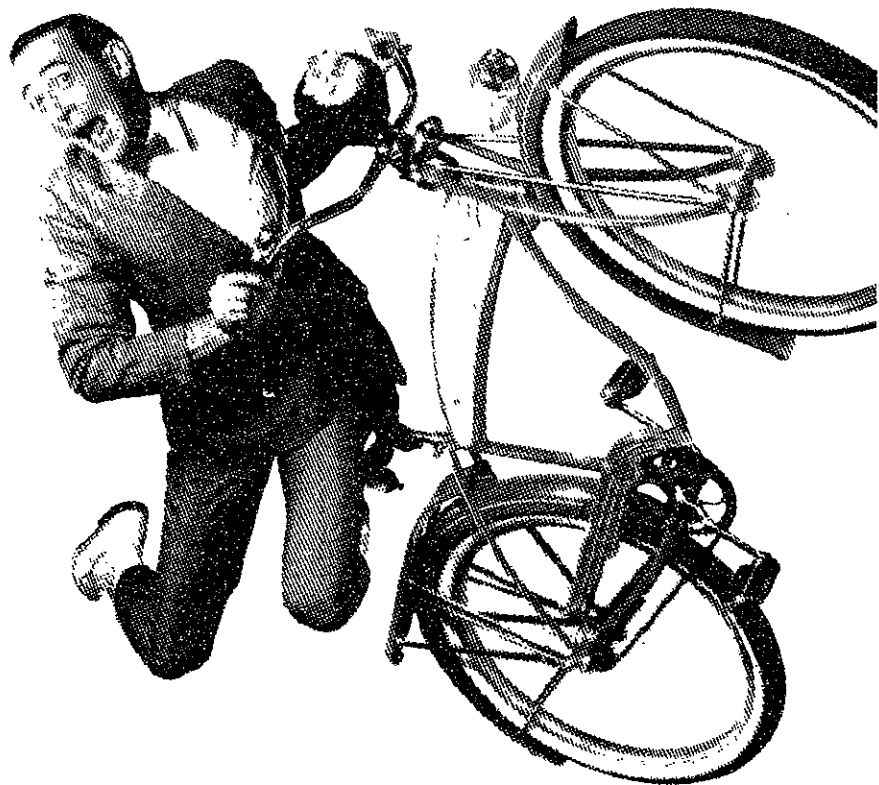
ongoing: **A Bunch of Electricals: An MIT Electrical Engineering Retrospective**. Included are the Bush Differential Analyzer and the Edison Dynamo given to the Institute by Thomas A. Edison in 1887.

ongoing: **Currier and Ives Prints from the Hart Nautical Collections**. Colored lithographs of sailboats, steamboats, clipper ships, and whalers.

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## ARTS

## Petri trio gives new perspective on recorder

**MICHAELA PETRI TRIO**  
Beckman Auditorium, Caltech, May 4  
Trio will perform in Mechanics Hall,  
Worcester, May 11, 3 pm.

By JONATHAN RICHMOND

**I**N A WHITE COTTON DRESS, Michaela Petri looks pure and innocent as well as pretty, and her music sounds that way, too. Petri draws new dimensions from the recorder — she is a virtuoso, but her playing is natural, in the style of a joyous rustic dance rather than a formal Viennese waltz.

In Caltech's circus tent-like Beckman Auditorium, Petri gave a concert with her mother Hanne on harpsichord and brother David on cello. It was enchanting.

The program began with Handel's *Sonata in A Minor for Treble Recorder and Basso Continuo*, given a light and airy performance. The *Adagio* was especially attractive, nimbly sung without words.

Jacob van Eyck (1590-1657) was a famous recorder and carillon player. His *Variations for Solo Discant Recorder* was sprightly played, Petri's easy fluency masking the work's complexities and adding a nice touch of wit.

David Petri gave a reflective and sensitive rendition of Vivaldi's *Sonata in E Minor for Cello and Continuo*, and the first half then ended with Telemann's *Trio Sonata in B Flat for Treble Recorder, Harpsichord and Basso Continuo*. Michaela Pe-

tri's runs in the *Vivace* were miraculous, while her weaving around the heartbeat *pizzicato* cello in the *Siciliana* was compelling.

If the recorder is not adequately known as a serious concert instrument, and if its repertoire lies mostly in the domain of Early Music, Petri is doing much to encourage the writing and performance of modern works for the instrument. Asger Lund-Christiansen's *Sonatina for Discant Recorder and Harpsichord*, Op. 15, is dedicated to Michaela and Hanne Petri, and was given an exciting, alert performance. The relationship between recorder and harpsichord was especially well-studied, creating both tension and empathy.

But if the Christiansen was interesting, Ole Buck's *Consonante*, a theme and variations for solo discant recorder, written in Memoriam Jacob van Eyck and dedicated to Michaela Petri, was riveting. It begins with a theme of sad introspection, befitting a forlorn Mozartian heroine, perhaps a heart-broken Pamina singing *Ach Ich Fühl's*. It then develops colors that gently touch the senses from a spectrum of angles. During one passage, a bumblebee-like buzzing is produced, like a drone on bagpipes. After the concert, Petri showed how this extraordinary sound was produced from her modest instrument — by humming while blowing. Her performance was deeply moving, and made a strong case for listening to both the recorder and modern music.

Johann Schickhardt's *Sonata in E for Soprano, Recorder and Basso Continuo* brought the official concert to a bright and uplifting conclusion. An encore of Gossec's *Tambourine* was an essay in uninhib-

ited effervescence, sending everyone home with a smile on their face. Go to Mechanics Hall in Worcester on May 11 to hear this remarkable music. You will emerge refreshed and elated.

## A night at the opera — one last chance to see the Met in Boston

**L'ITALIANA IN ALGERI**

Opera by Rossini, presented by the Metropolitan Opera in the Wang Centre Tuesday.

By JULIAN WEST

**T**HE LAST THING anyone needs to read is another review panning the Met tour and protesting that we provincials only get to see third-rate opera. I, for one, am thankful that a company doing just fine in New York has bothered to run money-losing, goodwill-generating tours at all.

Therefore, I would not even mention the fact that the orchestra was often inaudible were it not to point out that the Wang Centre suffers from a tomb of a pit and wretched acoustics. I would also be the last to point out that the audience went on talking through the opening bars of the overture, unless to ascribe this to the quietness of the small orchestra provided by a youthful and hurried Rossini.

The stage performers had less to overcome. Paolo Montarsolo, an Italian bass

singing as the Moorish leader Mustafa, turned in a fine performance which had many audience members standing at the final curtain. Gail Dubinbaum was just as skillful if somewhat less stylish in the title role of Isabella.

Elsewhere among the cast, both Spiro Malas as Haly and Douglas Ahlstedt as Lindoro had fine arias in the second act. Betsy Norden, as the spurned wife Elvira, was indeed cute both in terms of singing and stage presence.

As at least one audience member observed last night, "One has heard the music before, and one can always hear it at home." A night at the Opera, on the other hand, is also a visual affair, and it was the spectacle that made this performance worth attending.

The set and staging, by Jean-Pierre Ponnelle, have been around since 1973, but were surely new to most Boston opera-goers. The basic set alone was striking enough to elicit applause from the first opening of the curtain. It became more impressive as it ran through a variety of permutations and configurations, with the addition in turn of a castle, a curtain, palm trees, three-story high grillework doors, and so on. The staging pushed this versatile set to its limits, using the upper windows for a balcony scene, for the exchange of flowers, or for the escape of Italian prisoners on rope ladders.

Just as amusing were the properties, which included a small ship which sailed along the horizon before being struck and sunk by an onshore cannon downstage. Mustafa was hilarious as he attempted to deal with his first, enormous plate of spaghetti. Taddeo, the lovelorn buffoon, was drew laughs first as a nerd with a butterfly net and later as a Turkish retainer with a turban of epic proportions.

Surely all this would suffice for a crowd of occasional operagoers, such as the ones behind me who dutifully applauded after the first act and then asked hopefully, "Is it over?" No doubt it was more than sufficient for the little Italian girl next to me who drank it all in and then remarked that she would like to be an opera singer when she grows up. And that, of course, is the best argument for the Met to continue touring.

## "Top Girls" badly spun story

**TOP GIRLS**

by Caryl Churchill, directed by  
Lynn Polan W '72, at Alumnae Hall,  
Wellesley College, May 2, 3 and 4.

By ROBERT E. MALCHMAN

**A**BASIC TENET of good fiction is that stories should be about characters who find themselves in a situation — not a situation and what characters do about it. Caryl Churchill violates this tenet in "Top Girls," and not even several excellent performances by Wellesley College Theatre's actresses could redeem it.

"Top Girls" is about motherhood and mothers who are separated from their children. The central character is Marlene (Susan Swartz W '89), an upwardly mobile British businesswoman who is about to become executive director of Top Girls Employment Agency. The audience does not know it is Marlene's story until the second scene, nor what the story is until nearly the end of the play.

Churchill uses the cheap plot device of telling the story in inverse order. The characters have information that the audience does not throughout the play; Churchill's dialogue only keeps the audience in the dark.

The play opens in a restaurant at a "dinner" organized by Marlene for a group of women out of history, including a Victorian-era traveller (Beth Meres W '88), a Japanese imperial court lady (Armour Ratcliffe W '86), a peasant from a Brueghel painting (Doey Luethi W '89), a woman who hid her gender and became pope during the Middle Ages (Catherine Merrill W '88), and a feudal serf who married her lord (Jennifer Fletcher W '88).

It is not clear whether the dinner is a fantasy of Marlene's or a "real" occurrence in the afterlife. Each of the women has had a child or children taken away from her. The dialogue — while realistic, with several characters often talking at once — is confused. Lynn Polan's direction does nothing to clarify the issues involved, the stories of the characters, nor indeed, whose story the play is.

The last scene of the first act introduces Angie (Luethi), a slow, brutish, butch 16-year-old; Kitty (Fletcher), Angie's 11-year-old pal; and Joyce (Meres), Angie's mother.

Luethi and Fletcher were outstanding in the roles of these two nasty children. Churchill's dialogue, Polan's direction, Eric Levenson's stark set and the actresses' talents combined to demonstrate the stifling horror of growing up lower-middle-class in the English countryside.

Angie tortures Kitty with tales of ghost kittens and plans to kill Joyce, but is also protective of her girlfriend. Luethi and Fletcher teeter their characters on the edge of a sado-masochistic, homosexual relationship, leaving the audience to wonder how they will end. The audience learns at the end of the scene that Marlene is Joyce's sister.

The second act begins with Angie's arrival at Top Girls. She wants to escape her lifestyle and live with and like her aunt. Marlene humors Angie as a parade of clients (Ratcliffe and Fletcher), co-workers (Meres and Jennifer Rossner W '88), and the wife (Merrill) of a man Marlene beat out for a promotion parade through the office to tell their stories and retire. Rossner was particularly effective as a blonde, leggy, cut-throat ice queen.

Luethi brings out Angie's sweet side, as she struggles to behave politely in the company of the aunt she idolizes. The audience wants Angie to succeed, but leaves the theater doubting she can overcome her

background.

The final scene takes place a year earlier at Joyce's home. Angie has finagled her estranged aunt into visiting for the first time in nine years. While Angie is out of the room, the audience learns that Joyce and her now-absent husband adopted Angie, who is really Marlene's illegitimate daughter.

Marlene's decision to leave her hometown to make her fortune still rankles Joyce. Swartz and Meres play the tension between the sisters well. Swartz does a credible job with Churchill's basically one-dimensional, driven Marlene. Swartz uses the emotional final scene to show Marlene letting go of her tight rein.

The play ends inconclusively on the role of class, education, motherhood and their interaction. Churchill cops out, saying in effect, "I've shown you the problem — now think about it." Having chosen to write a theme, not a story, and to obscure the plot along the way, she at least owes the audience an opinion on the matter.

## On the Town

**Friday, May 9**

The MIT Choral Society will perform Frank Martin's *Golgotha*, an oratorio for solos, mixed chorus, orchestra, and organ, for its Spring Concert. The show, directed by John Oliver, will be at 8 pm in the Church of the Covenant, on the corner of Clarendon and Newbury Streets in Boston. Admission is free with MIT or Wellesley student ID; general admission is \$8 and \$4.

**Crack Plot '86**, a photographic exhibit by Catharine Verhulst, will be on display May 5-30 from the first to the fourth floors of the Lobby 7 stairwells. Verhulst uses a sequence of 90 photographs of a single plot of ground to point, by analogy, to a deeper understanding of the design process.

Jazz pianist and composer Jaki Byard will be the featured guest artist at a concert by Mark Harvey with Aardvark, his 17-piece jazz orchestra, at 8:30 pm in Kresge Auditorium. Byard will premiere two works at this free concert. For more information, please call x3-2906.

Kaji Aso Studio presents *The White Fox*, a dramatic production based on the classic Japanese Bunraku folk tale, written and directed by John Carito and Stevn Bogart

with original musical score by Phillip Hii. Performances are at 8 pm tonight and Saturday at Tower Auditorium, Massachusetts College of Art. Admission is \$7.50 donation; for more information please call 247-1719.

The Museum of Fine Arts, in its series "Opera on Film," presents *La Traviata* (Franco Zeffirelli, 1982) at 5:30 pm in Remis Auditorium, MFA. Tickets are \$3 for students, seniors, and museum members; \$3.50 general admission. For more information, please call 267-9300 ext.306.

**Saturday, May 10**

Please see above for continued showings

The MIT Symphony Orchestra, under guest conductor Alan Yamamoto, will present its Spring Concert at 8:30 pm in Kresge Auditorium. The program includes works by Berlioz, R. Strauss, and Sibelius. Admission is free with an MIT or Wellesley ID, \$1 general admission. For more information, please call x3-2826.

Sound Art at Mobius will present Paul Panhuysen and Johan Goedhart of The Netherlands, in a free performance at 6:30 May 10 and 11, near the Summer St. Bridge in Fort Point. The two will construct and perform on an amplified outdoor string installation. They will also give

a free workshop at Mobius on Sunday from 3-5 pm. For more information, please call 542-7416.

The Naumburg Award winning Lydian String Quartet will perform at 8 pm in the First and Second Church, 66 Marlborough Street, Boston. Their program will include works by Schubert, Webern, and Beethoven. Tickets are \$10 and \$8, and are available from Charles River Concerts at 25 Huntington Avenue, Boston, 02116; or by calling 262-0650.

**Sunday, May 11**

Please see above for continued showings

The MIT Brass Ensemble will perform under conductor Greg Hopkins at 3:30 pm in Kresge Auditorium. There will be no cost for admission.

*A Life of Song*, a video about Yiddish folksinger and folklorist Ruth Rubin, will make its world premiere with a special appearance by Rubin at 4 and 6 pm in the Boston University Science Center Auditorium, 590 Commonwealth Ave. Tickets are \$7 general admission, \$4 students and seniors, and \$20 screening and reception, and are available at Sandy's Music, Cambridge; Israel Bookshop, Brookline; and Charg-Tix, 542-8511. For more information, please call 625-5986.

# sports

## Men's volleyball final Top 20 poll

School	Points
1. USC (26-1)	400
2. UCLA (29-8)	363
3. Pepperdine (18-7)	353
4. Penn State (18-7)	343
5. University of Hawaii (32-8)	333
6. George Mason (27-5)	290
7. Stanford University (14-8)	283
8. Santa Barbara (20-12)	263
9. Ohio State University (24-13)	240
10. Long Beach State (19-15)	223
11. Ball State University (21-15)	203
12. Northridge (12-18)	173
13. East Stroudsburg (23-9)	153
14. San Diego State (9-17)	143
15. Indiana-Purdue (15-12)	120
16. UC-San Diego (14-11)	80
Loyola-Marymount (12-19)	80
18. Rutgers-Newark (16-16)	77
19. US Naval Academy (15-13)	50
20. Massachusetts Institute of Technology (23-11)	10
Princeton University (NA)	10

*Tachikara coaches' top 20 poll selected by the Collegiate Volleyball Coaches Association.*

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 Harvard Medical School

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