



Scene yesterday in Technology Square as Cambridge policemen arrested demonstrators protesting Draper Labs' involvement in the defense industry. (photo by Billy Stewart)

14 arrested at Draper rally

By Tom Lored

After blocking an entrance and spilling human blood on the building and themselves, 14 demonstrators were arrested at 1pm yesterday at the Charles Stark Draper laboratories and charged with misdemeanor trespassing. All the demonstrators were released from the Middlesex County Third District Courthouse by 4pm after receiving a six-month "continuation without finding" and after paying court fees of \$25 each.

The demonstration was the climax of a publicized rally sponsored by the Draper Peace Conversion Group, which recent-

ly petitioned the management of the research lab to examine diverting its resources to projects unrelated to defense.

The rally began at 11:30am at the intersection of Broadway and Hampshire Streets. The rally consisted largely of conversation, music, and kite-flying until the planned civil disobedience began shortly before 1pm. At that time, many of the forty to fifty participants in the rally joined hands and walked across the street to the lab chanting, "All we are saying is give peace a chance." On the ground of the facility, they were warned by Cambridge police officers that arrests would begin

in one minute. With this warning, all but 14 demonstrators left the grounds.

The 14 demonstrators remaining sat in front of the visitors' entrance to the lab and continued chanting slogans. A police officer explained that they would be arrested if they did not leave and then asked them to leave. Following this, one demonstrator read a verse from the *Habakkuk* and then another demonstrator, Patricia Garrity of Cambridge, spilled jars of human blood on the lab entrance, herself, and other demonstrators before being stopped by policemen. The group chanted, "We are only making the blood visible," as this happened. The ten men and four women were then arrested and taken away as observing rally members yelled, "The real criminals are in the lab." At least two white-robed male demonstrators on whom blood was spilled acted as if they were dead and had to be carried away.

At the court, all 14 demonstrators were charged with misdemeanor trespassing and given "six months continued without finding." Their guilt was not decided and the case will be dropped in six months if they obey the law.

(please turn to page 2)

Spring Weekend dampened by dispute

By Tim Kneale

MIT's Spring Weekend has culminated in a controversy over selection of a winning living group in Spring Olympiad activities. The result of the overall men's championship has not yet been announced by the MIT Social Council's Olympic Committee, the group in charge of Spring Olympiad rules.

Jim Wilber '81, a member of the Olympic Committee, said, "The delay in announcing any type of overall results of the competitions is a result of an ambiguity in the contest rules concerning scoring procedures which different teams have chosen to interpret to their own best advantage. We, the committee, are in the process of working out a compromise solution which will in no way contradict our previously-announced results, nor slight any particular team."

Wilber continued, "We regret the aforementioned ambiguity, and hope that all parties involved will receive our final decision in the spirit that the Olympics is intended, that of spirited but amicable competition for the benefit of the Muscular Dystrophy Association."

Apparently, the points scored by Burton House's combined entries comprised the largest single living group total. Sigma Phi Epsilon had the second-highest total. There are, however, questions about interpretation of the rules governing eligibility by the Olympic Committee. It is not clear whether dormitory entries were intended to be considered as

coming from a specific floor or as part of the entire house's entry.

The rules also allowed more than one entry from a living group in any event, but stated that only one of those entries could score in an event.

Burton House President Joyce Kelley said, "They're making a decision after the fact."

Outgoing Undergraduate Association Social Council Chairman Chris Johannessen '82 called the weekend "a big success." Johannessen said that although the poor weather cut down on the number of spectators

at some of the outdoor events, having a rain plan worked out in advance allowed the people in attendance to enjoy themselves despite the rain.

The activities began last Thursday evening with a Freshman-Sophomore Ice Cream Orgy in the Student Center Mezzanine Lounge and a Junior-Senior Drinkoff, won by the Juniors, which took place at several MIT living groups. Both events were very well attended, with each drawing an estimated 400 to 500 participants.

On Friday and Saturday, the

MIT Community Players put on two performances of "Reunion" in the Mezzanine Lounge. Friday afternoon, the Student Center Committee and the Dormitory Council held a special Friday Afternoon Club with a band underneath the steps of the Student Center. Inclement weather forced the band to leave early. Meanwhile, the organizers of TANK, the team speed beer drinking contest, and of Delta

(please turn to page 5)



Saturday's Volkswagen stuff was one of the many campus-wide events held as part of Spring Weekend. The winning team stuffed 24 people into the Bug. (photo by Billy Stewart)

Joe's Pizza owes back taxes

By Stuart Gitlow

Joe O'Keefe, owner of Joe's Pizza, was advised recently by the Massachusetts State Income Tax Bureau that he owes \$5,543.54 in back meal taxes. "I haven't got the money," O'Keefe commented.

O'Keefe has sold pizza on the MIT campus for 21 years. When meal taxes were first instituted, he collected them, paid them, and submitted proper tax returns.

Meal tax exemptions for educational institutions began in July 1978. By law, these exemptions applied not only to meals supplied by the educational institution but also to those meals supplied by a food service under contract to the institution.

Robert A. Sherwood, Associate Dean for Student Affairs, said "Mr. O'Keefe believed the law applied to him since he was serv-

ing students. He is not an employee of MIT or a food procurer for MIT so MIT is not liable in any way."

O'Keefe said, "I sell pizza and soda on the MIT campus to MIT students with special permission from MIT. I renew this permission by letter each year from the Dean of Student Affairs." O'Keefe added that he believed the meal tax exemption applied to Joe's Pizza.

When the exemptions were instituted, O'Keefe stopped collecting meal taxes. "Once each month, I've sent a tax return to the state with zero taxes collected and zero taxes sent to the state," O'Keefe commented.

After two and one-half years, Massachusetts has advised O'Keefe that the regulations do not apply to his customers unless

he is under a formal contract with MIT, not simply covered by an informal letter granting him permission to serve meals on private property.

The back taxes, which include approximately \$1000 in penalties, are due on May 31. Joe said, "I have four children, one in college, one getting married, and I haven't got the money saved."

Sherwood remarked, "I talked to [O'Keefe's] lawyer and accountant concerning sending a letter to the state auditor. They said that a letter wouldn't really help. Even if [O'Keefe] didn't understand the regulations, it's still his responsibility to pay." Sherwood added that O'Keefe's accountant had realized that there was no connection between O'Keefe and MIT.

O'Keefe said that he would be

(please turn to page 5)

Artificial skin developed at MIT

By Jack Link

Artificial skin developed and produced at MIT has been applied to ten burn patients at the Massachusetts General Hospital and the Shriners Burns Institute, three of whom doctors say would not have survived without the new product.

"The skin was designed to be picked off the shelf and used in minutes," noted Professor of Mechanical Engineering Ioannis Yannas, head of the MIT research group that developed the skin.

"Any kind of delay increases the mortality rate of burn victims due to the increased danger of infection," said Yannas. "At the Massachusetts General Hospital burn unit, headed by Dr. John F. Burke, this artificial skin has supplanted the cadaver skin and pig skin used previously for severe burn victims."

Four factors are of immediate concern in treating burn victims with skin grafts. Bodily fluids must be retained, formation of scar tissue avoided, onset of infection prevented, and the graft accepted by the body. The last two factors usually work against each other when skin from other than the patient's own body is used.

Cadaver skin and pig skin are recognized as foreign by the body's auto-immune system, which guards against infection and will destroy the skin grafts

unless immunosuppressive drugs are administered. The suppression of the immune system leaves the patient susceptible to other types of infection.

The recently-developed artificial skin is not rejected, eliminating the need for immunosuppressive drugs and allowing the body to retain its ability to fight infection.

"Three of the patients, including a three-year-old girl, were already suffering from infection when they were brought in, so the use of cadaver skins would have been hopeless. The little girl was burned over 96 percent of her body," said Yannas of the patients who received what he calls Stage 1 artificial skin.

The Stage 1 skin consists of two layers which, when moist, looks and feels much like real skin. The bottom, inner, polymorphic layer, is processed from cattle and shark cartilage. This is temporarily covered by the second layer, a transparent silicone membrane.

The inner layer provides a base upon which the patient's own skin may grow. It degrades within 50 days of the transplant.

Some of the patients have also received Stage 2 treatments. In Stage 2, surgeons replaced the outer plastic layer with skin from the patient's own body, in a procedure known as an autograft.

(please turn to page 2)

inside

The Senate Judiciary subcommittee is considering a bill to define the beginning of human life. **Page 3**

Our arts reviewer found the "lady marauders" of last weekend's All Tech Sing to be quite a show. **Page 6**

Demonstrators protest Draper defense research

(continued from page 1)

Draper Laboratories participates in the development of the MX missile, the cruise missile, the Trident submarine system, the Polaris missile, and the Poseidon missile. The Draper Peace Conversion Group feels that "these weapons constitute an immediate danger to the entire human race." The group sent the lab a letter on April 13 and a petition afterward requesting them to consider alternatives to their "war-related research." On April 17, the lab offered to give the group a presentation on its non-defense projects. The group announced plans for the rally and act of "peaceful civil disobedience" that was held yesterday on April 21.

Yesterday morning the group sent the lab's president, Robert A. Duffy, a letter encouraging the company to continue communicating with the group. They warned Duffy of the planned act, stating that "We commit this dis-

obedience from our hearts, from our deep belief that we are all responsible for realizing the vision of peace."

Following the incident, the Draper management issued a statement in which they stated that the lab "declines to debate or negotiate on the matter of the work it performs for the Department of Defense or other agencies of the US government." The statement pointed out that the federal programs the lab works under "are a product of the democratic process" and are well-publicized. As a non-profit organization, the lab cannot take part in political activities. The management remarked, "With pride in our past accomplishments, we look forward to continuing to serve the best interests of the nation."

William Doherty, an MIT freshman, was one of the 14 arrested. After being released, he

said of the incident, "I thought it was a success." He felt that the incident was only "part of a continuing struggle," noting that he was arrested before and stating that he will be again.

In reaction to the lab's statement, Doherty said, "I believe this government does not represent the people." He felt that much of the power that should be in the hands of common people is held by "wealthy corporation owners, boards of trustees, legislators, intellectuals, and journalists."

Richard Morrison, a student at the University of Massachusetts, was also one of the 14 demonstrators. He, too, felt that the protest was successful because it makes people listen to his complaints. He felt that "the rapport the demonstrators had with police" was evidence that people listened. According to Morrison, early yesterday morning Cambridge police officers visited the home of several of the demonstrators, warning them that the lab requested police protection and requesting information about the demonstration.

Morrison said that the officers said they thought it was a good cause, but that as policemen they have a job to do. Morrison explained that it is "people who keep doing jobs without taking responsibility for their actions

that have made yesterday's demonstration necessary."

John Lindsay, a student on leave from Harvard University, was also among those arrested. He called the incident "a drop in the bucket, a beginning." He and Morrison together felt that the lab's statement just "passed the buck" to the government. Lindsay remarked, "It's amazing to me how people can talk about how other people are responsible for what they are doing."

Lindsay and Doherty were among those on whom the blood was spilled. The use of human

blood during the demonstration was to make the cause more visible, according to Lindsay. He said he felt it was as if to say, "this is what it means to build things only used to kill people indiscriminately."

The Draper Peace Conversion Group is planning several more activities for the following year. They hope to culminate these with a similar demonstration next year in which they expect to have one thousand rally participants and one hundred people arrested, according to rally participant Chris Worthington.

Artificial skin tested

(continued from page 1)

In a conventional autograft, both layers of a patient's skin are removed surgically from an uninjured part of the body. This results in scarring of the uninjured skin. Using artificial skin as a base necessitates the removal of only the top layer, including pigment cells. "This is another breakthrough," said Yannas. "We hope to avoid the formation of scar tissue altogether."

It has also been discovered that exposure to the artificial skin does not induce the clotting of blood platelets. A research group at Beth Israel Hospital is investigating the use of the inner layer substance to make artificial veins and arteries.

Another MIT group working with the Shriners Burns Institute at Beth Israel is headed by Professor of Biology Eugene Bell. Bell's group has been conducting tests on animals of its living skin equivalent, which is grown from the victim's own skin cells. Bell will begin to test the skin "very soon" on humans.

"We are growing non-artificial skin consisting of living components," said Bell. "We hope to be able to produce enough skin within a month of an injury to cover wounds. Still, a temporary covering will be necessary while the living skin equivalent is growing," said Bell. Bell was referring to Yannas' Stage 1 skin, and was unaware of the Stage 2 developments.

Bell's living skin equivalent lacks hair follicles, sweat glands, and pigment cells, "since we have selected against them. Methods to include these must be developed to produce a completely normal appearing skin."

self ACCUSATION
 BY PETER HANDKE
 directed by David Wheeler
 MIT Dramashop
 KRESGE LITTLE THEATRE
 APRIL 30, 8PM
 MAY 1, 2, 7, 8, 9
 \$3.50; \$3 w/ID
 INFO. 253-2877
 RESV. 253-4720
 SAM SHEPARD'S
 BURIED CHILD

A good ground plan will get you places. If you've got a place, we've got a plan.

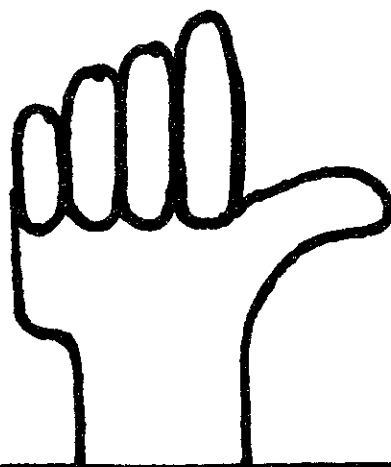
EDUCATION THROUGH TRAVEL PROGRAMS SPONSORED BY FACETS & FRENCH MINISTRY OF EDUCATION

DISCOUNT FARES AND CHARTER FLIGHTS—PARIS, BRUSSELS, FRANKFURT, AMSTERDAM, LUXEMBOURG, TEL AVIV

CAR RENTAL IN EUROPE

FROM \$260
 EURAILPASS AND
 EURAIL YOUTH PASS
 16 COUNTRIES

Let's Go:
 Travel Guides



FROM \$86
 BRITRAIL PASS AND
 BRITRAIL SEAPASS
 ENGLAND, WALES AND SCOTLAND

INTERNATIONAL STUDENT ID CARDS

...PLUS INFO ON WORK AND STUDY ABROAD, CAMPING TOURS, INTRA-EUROPEAN/ASIAN FLIGHTS, AND MUCH, MUCH MORE...

AMERICAN YOUTH HOSTEL CARDS

The Cambridge Food Co-op



Wide Selection, Low Prices
 "FOOD FOR PEOPLE,
 NOT FOR PROFIT"
 580 Mass Ave., Central Sq.
 Under Singer 661-1580

KEEZERS HARVARD COMMUNITY EXCHANGE

Our formal wear department has a full selection of second hand white dinner jackets in a full range of sizes. You can own a tuxedo for the cost of rental.

221 Concord Ave.
 Corner Huron Ave.
 Cambridge
 547-2455

MIT

Harvard Student Agencies **HSA** inc.

Mon - Fri 1:00 - 5:00
 Harvard University
 Thayer Hall-B
 Cambridge, Mass. 02138
 (617) 495-5230

news roundup

World

Hunger strike approaches 58 days in Northern Ireland — Robert Sands, the 27 year-old member of the Irish Republican Army who was elected to the British Parliament while confined to a prison outside Belfast, is reported to be near death as a result of a hunger strike. Northern Ireland's Roman Catholic militants are on the brink of a violent confrontation with the British Army; violence is generally anticipated if Sands dies.

Fighting increases in southern Lebanon — The Israeli Air Force attacked targets in southern Lebanon yesterday, reportedly killing 15 and wounding 30. The Israeli military command said that six of their planes had executed a raid on suspected Palestinian guerrilla posts. All of the planes had returned safely. In Damascus, however, a Syrian military spokesman said that two Israeli jets and one Syrian fighter had been shot down.

d'Estaing wins first round of French presidential election — President Valery Giscard d'Estaing and Socialist leader Francois Mitterrand emerged victorious from the first round of the French presidential election yesterday. The two will run against each other in the final round on May 10.

Nation

Reagan lifts grain embargo while Haig says all Soviet trade will be cut if Poland is invaded — President Reagan lifted Friday the controversial embargo instituted by President Carter 15 months ago during the Soviet invasion of Afghanistan. Critics claimed that the Soviets were able to obtain grain elsewhere and that the embargo hurt only American farmers. Saturday, however, Secretary of State Haig said "there's no question" that trade with the Soviets will be cut if Poland is invaded. Haig called the Soviet Union the greatest source of international insecurity and danger to the world.

Reagan's budget gathers support — Congressional Republicans appear close to passage of Reagan's economic package. A vote may come as early as today, when the President addresses a joint session of Congress. The Reagan budget seems to be gaining strength as a result of his recent surge in popularity and heavy defections among Democrats.

Universities ask for \$1 billion from Pentagon — Presidents of four major universities have asked the House Armed Services committee for \$1 billion to help revitalize the nation's scientific and technological programs. Members of the Committee agreed that it is time for the Defense Department to boost its share of support of university research. Several Committee members did, however, express concern that students would oppose an increased military presence on campus as they did in the 1960's.

Campus

Big Screw results announced — The Alpha Chi Chapter of Alpha Phi Omega, the national service fraternity, announced the results of its annual "Big Screw" contest. According to the chairman of the contest, Jeanne Munson '82, the results are as follows:

Mathematics Instructor Theodore Shifrin	\$279.63
Professor of Political Science George William Rathjens	272.61
Associate Professor of Earth Sciences Peter Molnar	67.63
Associate Dean for Student Affairs Robert Sherwood	61.93
Professor of Physics Thomas John Greytak	32.77

The record-setting \$1,003.34 raised will be donated to the charity of Shifrin's choice.

Dreyfus building wins architecture award — MIT's Dreyfus Laboratory Building has won this year's Harleston Parker Medal. The medal is given annually by the Boston Society of Architects to one Boston building for good design. The lab was designed by the I. M. Partnership, a firm that has now won the medal three times.

Frank Hrach

NationWatch

Hearings held on when life begins

By Tony Zamparutti

A bill under consideration before a Senate Judiciary subcommittee would legislatively dictate that human life begins at conception and would make abortion the legal equivalent of murder.

The bill was proposed by Senator Jesse Helms of North Carolina and Representative Henry J. Hyde of Illinois, both of whom are Republicans. Seven of the eight medical doctors who testified before the subcommittee supported the bill. Dr. Micheline Matthew-Roth, a Harvard University Research Associate, declared that "It is scientifically correct to say that an individual human life begins at conception."

Dr. Leon E. Rosenberg,

Chairman of the Department of Human Genetics at Yale Medical School, opposed the legislation, testifying that there is not "a single piece of scientific evidence" to determine the beginning of life. "There is no single, simple answer," he noted.

Many different groups have questioned the constitutionality of the proposed legislation. Senator Orrin G. Hatch of Utah, an opponent of abortion, questioned whether "Congress [has] the authority under the Fourteenth Amendment" to pass the bill.

The legislation is "an attempt to exercise unconstitutional power" according to a letter to the Senate Judiciary Committee

from 11 constitutional scholars.

The bill is a "backdoor" method to overturn the 1973 Supreme Court ruling that legalized abortions, admitted Hyde. The Court decided in *Roe v. Wade* that the beginning of human life was not known scientifically and that abortions could be performed legally until the end of the second trimester of pregnancy.

Only two days of hearings on the bill were planned, but Senator John P. East, Republican of North Carolina and a supporter of the measure, has decided to hold further hearings after May 20 that would last into June. "All points of view will be heard," East maintained.

GOING CAMPING?

SAVE ON:

- Sleeping Bags
- Tents & Air Mattresses
- Backpacks & Knapsacks
- Ponchos
- Coleman & Gaz Stoves

Central War Surplus

433 MASS. AVE.
Central Square
Cambridge

EYEGLASS & World

Complete Optical Shop

Fashion frames at reasonable prices

Instant eye exams

• Prescriptions filled

• Fashion tints and photo changeables

• Contact Lenses 60 Day Trial

• Large Selection of Ray Ban Sunglasses

• Sport Frame Available



Central Square, 495 Massachusetts Avenue, Cambridge
Mass. 02139 Tel: 661-2520

NOW OPEN

ELIAS HAIR CARE

A NEW SALON SERVING THE MIT COMMUNITY. CALL FOR AN APPOINTMENT.

319 MASS. AVE.

497-1590

2 DOLLAR DISCOUNT AND FREE CONSULTATION WITH THIS AD.

GRADUATES Please Note

Final Deadline Saturday May 2 for cap and gown rentals

CAP & GOWN	
Bachelor	11.00
Master	12.00
Doctor	13.00

\$5 cash deposit (refundable) required at time of order

the COOP

MIT STUDENT CENTER

Capitolism Lives.

Starting June 12, be a Capitolist when you fly from Boston to Brussels or New York or from New York to Frankfurt, Los Angeles, or San Juan.

Fly Capitol Airways. Our non-restricted fares are the lowest of any airline. Which means you can save a bundle and still leave and return whenever you please.

And, our service is as good as our fares are low. You'll fly on comfortable jets with complimentary meals and beverages.

So fly Capitol. Check our fare box for proof that Capitolism is right on the money.

CALL YOUR TRAVEL AGENT OR CAPITOL AT 800-223-6365.

*Non-restricted, round trip, economy class from Boston			
DESTINATION	CAPITOL*	OTHER*	SAVINGS
Brussels	\$529	\$824	\$295
New York	\$72	\$78	\$6

Fares subject to change

CAPITOL AIRWAYS

Right on the money.

Editorial

Harassment: time to defuse the bomb

Passage of a revised motion by the General Assembly concerning protection of rights of members of the MIT community reflects laudable recognition of a serious situation, but is only a beginning toward resolving a deeply emotional problem.

Tense student relations, whether based on feelings of racial, sexual, or other forms of prejudice, are a problem at MIT, and may well develop into a crisis. Actions which infringe upon the rights of others are morally objectionable, and, on a more personal level, harm individuals both physically and emotionally. In addition, the Institute's affirmation of equal opportunity and encouragement of increased diversity are contradicted by overt discrimination.

What should MIT students and administrators do? It is just as unrealistic to assume that education alone will solve these problems as it is to expect students not to segregate themselves voluntarily in student activities and living groups. An unfortunate consequence of increased student diversity can be increased polarization which would, in effect, exacerbate the burgeoning crisis.

Racial tensions have exploded at many other campuses, and MIT would do well to heed the warning of these incidents. Attention must be focused on the harassment time bomb while its fuse has just been lit, so that an atmosphere can be created in which no explosion can occur.

Pseudo-science in the Senate

A group of conservative congressmen have concocted a clever way to circumvent a controversial Supreme Court decision — legislate a "scientific" solution to a moral problem.

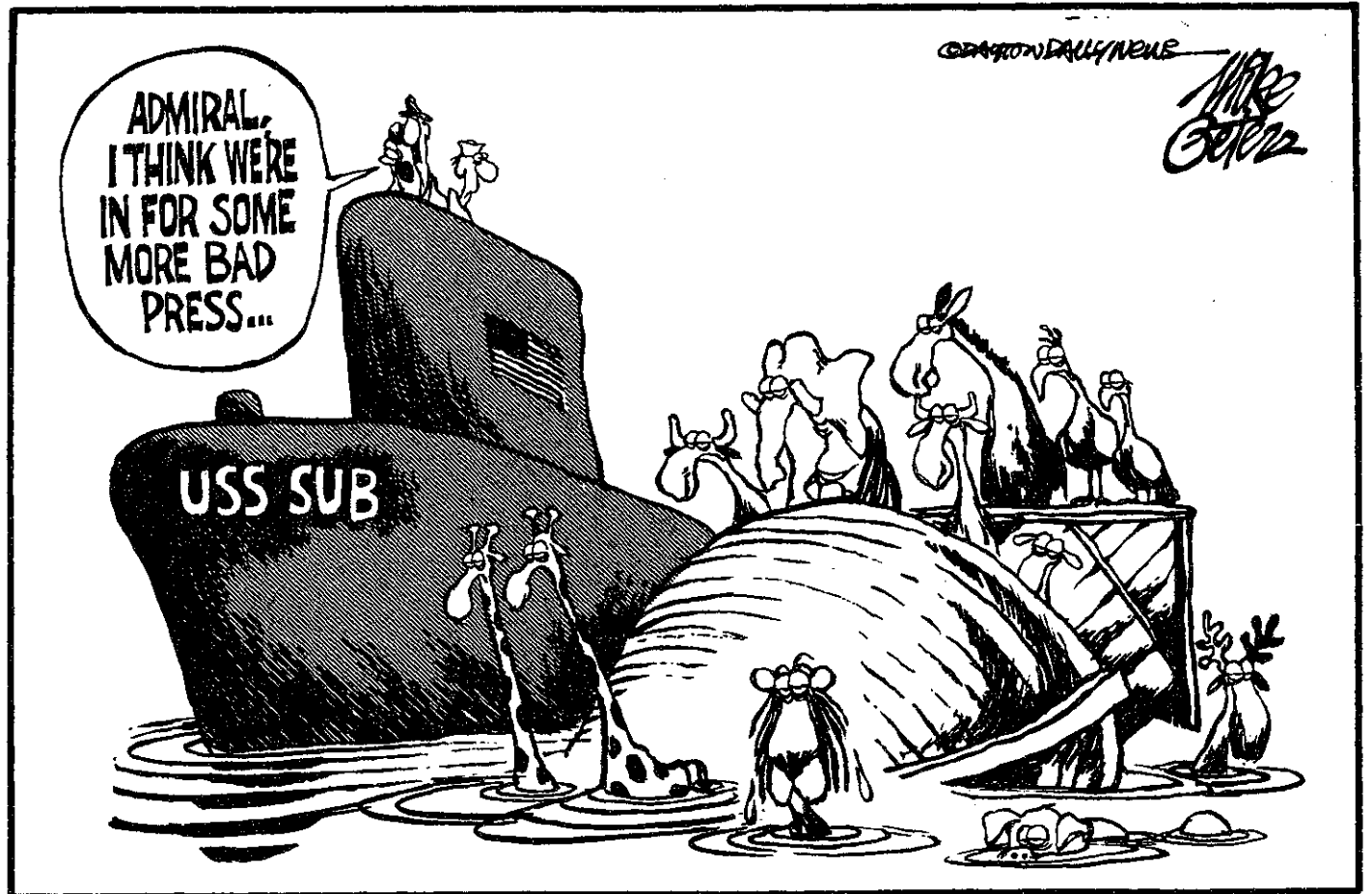
Legislation introduced by two conservative senators would make abortion, and possibly certain types of birth control, illegal by declaring that "present-day scientific evidence indicates significant likelihood that actual human life exists from conception." The explicit purpose of the legislation is to "vitiate" and "negate" a 1973 Supreme Court ruling granting women a constitutional right to abortion.

Even conservatives have expressed concern about the constitutionality of the measure, which is designed to insure the right of due process to fetuses. A letter by eleven constitutional scholars called the bill "an attempt to exercise unconstitutional power," and even arch-conservative Senator Orrin Hatch (Rep.-Utah) questioned Congress' authority to define the beginning of life.

An equally interesting and important question concerns the legitimacy of resolving questions of scientific uncertainty by legislation. Many important questions could also be answered, or at least circumnavigated, by Congressional definition: when death occurs, whether there is a safety threshold for action of carcinogenic substances, or what the probability is of a major accident at a nuclear power plant. It is a convenient way to create simple solutions to unanswerable questions.

Legislative definition, while expedient, is an inaccurate and dangerous way to deal with scientific questions. It is especially objectionable when the intent is to support a moral position with a pseudo-scientific bulwark.

The proposed legislation is thus doubly dangerous, setting a precedent for circumvention of both Constitutional safeguards and continuing scientific investigation. It is important for the federal government to learn to deal with scientific uncertainty, but it appears that Congress is heading toward the wrong solution for a complex problem.



→ feedback

More computing, not typing

To the Editor:

Use a typewriter? Humbug! Why is it that in this age of incredibly cheap microelectronics the IPC is still operating in the dark ages? SIPB could BUY a 400 Megabyte VAX for the amount of funny money they "spend" in two years! It is high time the Institute realized that computer resources, and in particular text processing resources, are to be thought of in much the same way we think of our libraries. We don't have to go to the "Student Reading Board"

to get money to spend time at Barker. Why should we have to go to SIPB to get money to type up papers? If one thing is clear, it is that the age of electronic editing and text processing is here. In an institute such as ours where there is more computing power than any other in the world, the inavailability of what is supposed to be the 'tute's "computer center" is particularly embarrassing. We are supposed to be setting a precedent for the home/office/academic environments of

the future. Just because MULTIC's hardware is ancient doesn't mean the methods of operation have to be.

SIPB for sure cannot be blamed for this. They are a devoted group of (perhaps a bit eccentric) hackers who freely volunteer help to any student in need. It is the backwards concept of cycles for dollars that is responsible for the fiasco. The free way in which SIPB has been doling out dollars is proof that MULTIC's student load is determined by need and not by the ability to pay.

The time for unlimited student text processing accounts on MULTICS is now. The IPC can keep track of the time spent for justifying new equipment purchases out of institute funds, but to impose arbitrary limits on the number of instructions a student may execute on the Honeywell is equivalent to telling him to establish his own library. Text processing finds application in every course at MIT and should be paid for out of several funds. If MULTICS slows down as a consequence, invest in more equipment, or better yet, better equipment. In the mean time, let's allocate another 100K for SIPB on IPC's accounting system. No one will ever notice the difference.

Gill Pratt '83

Pull up a piece of art and read the names

To the Editor:

There are many things that a person can do in Killian Court. People play ultimate frisbee there, the Institute holds graduations and inaugurations there, some people study there, and I go there to read the walls. Read the walls? Sure. There is a lot of history imbedded in the stone of Killian Court. On each of the four corner sections of the main Institute buildings that face the court, there are names inscribed. I'm sure everyone has noticed and recognizes the large names that grace the building: Franklin, Pasteur and Copernicus are three of the names that come to mind. But there are also many names in smaller print. Some of these are probably familiar, including Faraday, La Place, and Kepler, but who could recognize the names Anthenius, Brunelleschi, or Bulfinch if they were not familiar with many of the famous architects of history? Why did these particular men deserve to have their names etched into the buildings of one of the great universities of the world?

There is a very simple way of getting a faint idea of who a particular person is by looking at the names that go with him. Each face of the building represents a different field of science. The north-west corner's southern face is dedicated to men who contributed to the civil engineering profession. The same corner's eastern face is dedicated to men of electricity, and so on. In all, the fields of architecture, physics, geology, thermodynamics, chemistry, and astronomy are represented. I should warn you that this generality about the field of study is only true for the small names, not the larger ones. For

example, the south-west southern face is dedicated to thermodynamicists, but Copernicus is the large name.

Who are some of these people? Well, on the geology wall are the names Harvey, Lyell and Linnaeus, among others. William Harvey discovered the circulation of blood in humans, Sir Charles Lyell wrote the first standard geology textbook, *The Principles of Geology*, and Zenobe-Theophile Linnaeus was the founder of the genera-species naming convention (biology was considered a field of earth sciences). Among other names are William Froude, who developed the concept of using models to determine the behavior of ships (this technique is still in use today), Christian Huygens, the founder of the wave theory of light, and Sir William Herschel, the founder of sidereal astronomy, and the man who catalogued a large number of binary stars. A few others are Friedrich Wohler, the first person to create a synthetic organic compound (urea), Charles Bulfinch (mentioned earlier), the designer of the Boston State House and the first professional US architect, and last but not least, Sir Humphry Davy, the creator of the miner's lamp and the first person to formally state the scientific method.

As you can see, there is something besides sports and inaugurations in Killian court, there is even something more interesting than the Freshman Picnic: there is the basis of the things that we learn today. These men contributed much to the understanding of the world around us. So sit down on some modern art and read the names.

Rod Campbell '81

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

Columns are usually written by members of *The Tech* staff and represent the opinion of the author only, not necessarily that of the rest of the staff.

Letters to the Editor are written by members of the MIT community and represent the opinion of the writer.

The Tech will attempt to publish all letters received, and will consider columns or stories. All submissions should be typed, preferably triple spaced, on a 57-character line. Unsigned letters will not be printed. Authors' names will be withheld upon request.

The Tech

Brian J. Glass '82 — Chairman
Stephanie L. Pollack '82 — Editor-in-Chief
Jon von Zelowitz '82 — Managing Editor
Richard W. Epstein '83 — Business Manager

Volume 101, Number 21
Tuesday, April 28, 1981

PRODUCTION STAFF FOR THIS ISSUE

Night Editor: Judy Passman '83; **Staff:** Robert W. Leishman '82, Stephanie Pollack '82, David Shaw '82, Ivan Fong '83, Jerri-Lynn Scofield '83, Charlie Brown '84, Bill Giuffre '84.

PHOTOGRAPHY DEPARTMENT

Photo Editor: Steve Cohen '84; **Associate Photo Editor:** James Mihori '83; **Darkroom Manager:** Timothy Hilby '82; **Staff:** Jim Oker '81, Jonathan Cohen '82, William Stewart '82, John Moses '83, Eric Shrader '83, Todd Bayer '84, Al O'Conner G; **Photographic Consultant:** David Tenenbaum '75.

The Tech (ISSN 0148-9607) is published twice a week during the academic year (except during MIT vacations), weekly during January, and once during the last week in July for \$7.00 per year Third Class by *The Tech*, 84 Massachusetts Ave. Room W20-483, Cambridge, MA 02139. Third Class postage paid at Boston, MA. Non-Profit Org. Permit No. 59720. **POSTMASTER:** Please send all address changes to our mailing address: *The Tech*, PO Box 29, MIT Branch, Cambridge, MA 02139. Telephone: (617) 253-1541. Advertising, subscription, and typesetting rates available. © 1981 *The Tech*. Printed by Charles River Publishing, Inc.

Weekend 'a big success;' concert may lose money

(continued from page 1)

Upsilon's Steak Fry were also hampered by the rains. Both activities were relocated from their originally scheduled outdoor sites to the Sala de Puerto Rico, inside the Student Center. At the other end of the Sala, the steak fry was, in DU brother Brian Nesmith's '84 words, "a little bit overcrowded." In fact, the all-you-could-eat event was sold out. The Harambee dancers from Wellesley and the Kuumba dancers from Harvard performed Friday evening in Kresge Auditorium. Several hundred people were in attendance, according to Sam

Pizza man owes Mass. meal taxes

(continued from page 1)

forced to pay on an installment plan with 8 percent interest and up to 25 percent in penalties if he cannot successfully appeal the tax decision. "I have a chance to appeal it," he said. "I've been told it won't do much good. I don't want to go to court. I would put too many MIT people in jeopardy. I could lose my job."

After learning of the taxes, O'Keefe went to "a number of people at MIT. They were very helpful," he added, "but the state wouldn't accept their requests that the tax be cancelled. MIT stood by me as much as they could."

O'Keefe emphasized, "I've been here for 21 years with no problems. Students are satisfied with my product. I've been satisfied serving MIT. A lot of guys are helping me out."

When asked if MIT would assist O'Keefe with his taxes, Sherwood said, "Not to my knowledge."

Austin '82, co-chairman of the Black Students' Union (BSU).

The last event of the day was a concert by Midnight Traveler and the Jon Pousette-Dart Band in the new Special Events Center. The concert was sponsored by Delta Tau Delta, Delta Kappa Epsilon, and the MIT Social Council. Johannesen said that the Social Council will probably lose "several hundred dollars" on the concert. The Social Council was aware that the financial outlook for the concert was not good when it made the decision to sponsor the event, however, and was prepared to take a loss. Delt Brian Jacobs '83, who was in charge of his house's preparations for the concert, said that ticket sales "were a little on the short side." He continued that "the crowd liked the concert — we're

glad we did it."

The Activities Midway scheduled for Saturday afternoon was affected by the adverse weather conditions. According to Angie Liao '82, organizer of the midway, only seven of the approximately twenty groups scheduled to participate appeared at the Student Center. She speculated that the poor weather conditions might have discouraged groups from attending.

The Fiji Island Party, sponsored by Phi Gamma Delta (Fiji) last Saturday night, was very well attended. Party Co-chairman David MacIsaac '81 was very enthusiastic about the outcome of the party. "The crowd really got into it," he said, adding that the success of the party was "beyond all expectations." No problems were reported with transporting

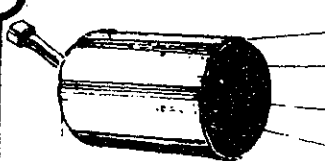
the 850 partygoers to the secret location.

The BSU also held a party at Burton House Saturday night. Austin said that the party "didn't go so well," noting that there was a conflict between the BSU party and a Caribbean festival at Harvard.

The Jog-a-thon held Sunday morning by the MIT Community Service Fund happened as scheduled, with the runners completing a four mile course. At noon, the SCC held its Spring Picnic on Kresge Oval. During the picnic, marked by excellent weather, the awards for the Spring Olympiad were presented, with the exception of aforementioned the men's overall championship trophy; McCormick was awarded the women's championship title.

A summary of Spring Weekend events, sponsors, and winners follows:

- TANK (Sigma Chi) — PKS (Men), No. 6 (Women)
- Keg Toss (AEPi) — DKE (Men), McCormick (Women)
- Volkswagen Stuff (DTD) — Burton (Combined)
- Obstacle Course (PLP) — SPE (Combined)
- Chariot Race (LCA) — SAE (Men; no Women's entry)
- Frisbee Toss (Frisbee Club) — Dave Prugh '82 (Individual), ATO (Team)
- Ice Cream Eat-off (ET) — Burton (Combined)
- Tug-of-War (PBE) — PDT (Men), WILG (Women)
- All-Tech Sing (SCC) — 7th West McCormick



TALENT SCOUT®

A MONTHLY REVIEW FOR THE MODELING / ENTERTAINMENT INDUSTRY

TALENT SCOUT is a new monthly trade magazine being sent (unsolicited) to over ten thousand model / talent agencies throughout the U.S.A.

Now you may have your photo reach thousands of local and national motion picture studios, commercial photographers, producers, advertising agencies, Television-magazine-newspaper agencies all in one TALENT SCOUT edition.

TALENT SCOUT IS NOT AN EMPLOYMENT AGENCY, AND DOES NOT MAKE ANY SUCH REPRESENTATIONS, NOR DOES TALENT SCOUT COLLECT FEES IN CONNECTION WITH ANY CONTRACTUAL ENTERTAINMENT / MODELING INDUSTRY AGREEMENTS THAT MAY ARISE AS A POSSIBLE RESULT OF ITS PUBLICATION.

The Entertainment/Modeling Industry expends untold sums each year in seeking and developing new talent for advertising, T.V. commercials, magazines, newspapers, books, etc. Many part time and full time work is presently located right in a city nearest to your home.

The type of earnings derived in this profession is astounding, and many have made it a life long vocation. You may also be aware of those in the entertainment / modeling profession that were discovered under more unusual circumstances than this which we offer as a service to the industry and to those seeking some exposure in it.

All inquires are directed to you. Though we cannot guarantee you successful inquires as a result of your photograph being published in TALENT SCOUT, we do guarantee it reaching the appropriate parties in the entertainment / modeling services that in fact make the decisive agreement with new talent.

— PLEASE CLIP AND RETURN THIS FORM WITH PHOTO AND PAYMENT —

- AGREEMENT WITH PUBLISHER -

I the undersigned do hereby request that the enclosed photograph be published in 10,000 copies of TALENT SCOUT which is to be sent to local and national agencies and related services in the entertainment / modeling industry. I do hereby agree to hold harmless, and indemnify TALENT SCOUT for any claims, actions, omissions, commissions, by any and all individuals, agencies, legal authorities, corporations, that may be occasioned as a direct or indirect result of the publishing of the enclosed photograph. If a minor, the legal parent / guardian permits publication, and further attests that TALENT SCOUT shall be saved harmless for publication. **SEE: \$45.00-MONTHLY ISSUE**


THIS AGREEMENT SHALL BE VOID WHERE PROHIBITED. THE ENCLOSED PHOTO SHALL NOT BE RETURNED, AND IS A PHOTO OF:

NAME OF PERSON IN PHOTO (Please Print)		TELEPHONE	
ADDRESS		CITY	STATE ZIP
AGE	SEX	HEIGHT	WEIGHT COLOR EYES COLOR HAIR
REMARKS: (ABOUT YOURSELF)			

THE ENTIRE FEE FOR PUBLICATION IN 10,000 COPIES OF TALENT SCOUT IS \$45.00 PER MONTH. PLEASE ENCLOSE CHECK OR MONEY ORDER ONLY PAYABLE TO: TALENT SCOUT

_____ IF A MINOR _____
 Signature of Person In Photo Signature of Parent or Legal Guardian

TALENT SCOUT
154-64 12TH AVENUE
WHITESTONE, NEW YORK 11357
(212) 746-4912



— PLEASE SUBMIT BLACK & WHITE PHOTO (If Possible)—

— ALL AGES NEEDED —

NO. _____
 AGE _____ HEIGHT _____ WEIGHT _____
 GENERAL LOCATION: _____
 SEX _____ HAIR _____ EYES _____
 (Other Pertinent Information On File)

classified advertising

MAINE

2 Bedroom, Lake Front Cottage; Canoe, Boat Dock, Fireplace; Located Between Augusta and Camden; \$235 per Week June through August; Call 749-5068.

SUMMER WORK

I'm looking for several students to work with me out of the Boston Area. Must work long hours but the pay is good. Write: Summer Work, Hamilton D-43 H.B.S., Boston, MA 02163.

ASTHMATICS WANTED

for medical research on their disease. Stipend arranged. Call Dr. Griffin or Dr. Weiss 732-7420 Weekdays 9-5.

Non-smoker, 23-20, to join 3 prof., 1 grad. in lrg. quiet Arlington Ctr. co-op house. Share meals, chores. Big bdrm, closets. 1 blk to bus, laundry. Big yard, off-st pkg. \$160 + ht, util. Avail June 1. Bob S., 253-7881 afternoons.

ANY U.S. BOOK IN PRINT

ORDERED BY TELEPHONE
DELIVERED DIRECTLY TO YOUR HOME OR OFFICE

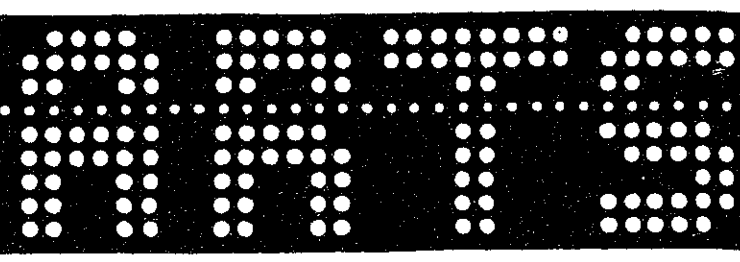
ALL MAJOR CREDIT CARDS ACCEPTED
OUR 8TH YEAR WORLD WIDE

944-8060/7 DAY-24 HOUR SERVICE

COOPERATIVE BOOK SERVICE OF AMERICA, INTERNATIONAL
Reading, Massachusetts 01867 U.S.A.

Religion and science are the two wings upon which man's intelligence can soar into the heights, with which the human soul can progress. It is not possible to fly with one wing alone! Should a man try to fly with the wing of religion alone he would quickly fall into the quagmire of superstition, whilst on the other hand, with the wing of science alone he would also make no progress, but fall into the despiring slough of materialism.

Abdu'l-Baha
MIT BAHAI ASSOCIATION



The League of Gentlemen, Robert Fripp on Polydor Records.

God came to New York last summer, and I had a ticket to see him. Yes, Robert Fripp and his "contractual arrangement" band, the League of Gentlemen, wowed the crowd for four nights with a new brand of dance music that had you either on your feet or on your knees. The League (Barry Andrews (ex-XTC), keyboards; Sara Lee, bass; and Johnny Toobad, drums) tore through tunes titled "Youth at Piano," "Ooh, Mr. Fripp" and "Thrang Perboral Gozinblux" (and the Phoenix had the gall to call Fripp humorless). Fripp's understated guitar playing was the highlight of the evening, and stands out as my clearest memory of the concert (I can still hum some of the tunes that I heard).

Acting out of his obsession to see an act through to completion, Fripp has released an album under his name featuring the music of the League of Gentlemen. It doesn't contain all of the tunes performed on the tour, and includes some new material, but this record stands out as Fripp's most accessible work to date. The arrangements are straightforward — Sara Lee's muscular bass sound recalls that of John Wetton (one of Fripp's King Crimson associates), the drumming is fast and clipped, and Andrews' embellishments on organ add background texture. Layered over the deceptively simple arrangements is Fripp's virtuoso playing. He whips off clean, convoluted lines with ease — not just speed doodling, but discernible melodies.

Some of these melodies are unforgettable — one listen to "Heptaparaparshinokh," and you'll be humming it for weeks. Other tunes are variations on "Inductive Resonance" — the best cut on the record, and a tremendous dance tune. "Cognitive Dissonance," with its ringing dissonant

chords and contrapuntal ascending/descending lines, is another tune that's hard to shake.

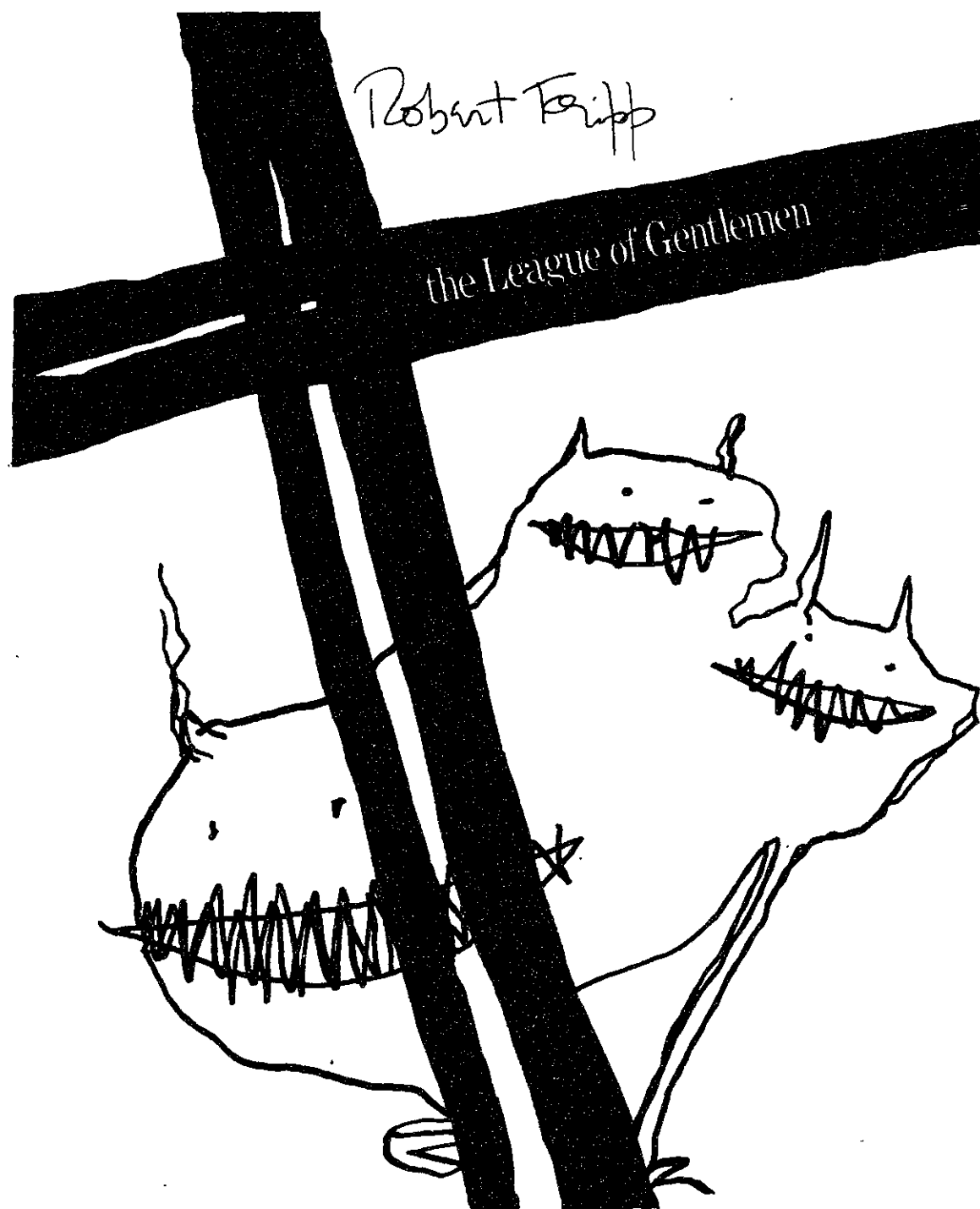
Two other types of music are found on this disc. The three "Indiscreet" pieces are collages of "indiscretions" taped by Fripp and reassembled to form bizarre conversations. The remaining pieces are keyboard experiments with the Frippertronics system (use of tape loops to record delayed overdubs). The tunes ("Pareto Optimum I & II" and "Ochre") recall Fripp's earlier "Water Music" pieces with their slowly layered cascades of sound. They're quite pretty, but too short — perhaps they should have been condensed into one long piece.

Fripp experiments with "found" vocals (use of random recorded voices), but is only moderately successful. "Vocalist" J.G. Bennett (a mystic that Fripp studied) provides an interesting counterpoint to the music with his odd phrasing, but one easily tires of an *ad infinitum* repetition of his platitudes — the "found" vocals should be left to the more competent Byrne & Eno. A real vocalist (Danielle Dax of the Lemon Kittens) is featured on "Minor Man," and the presence of her harsh, cutting voice rescues an otherwise uninspired tune. I'll take Dax over Bennett any day.

Flaws aside, *The League of Gentlemen* is a successful experiment with dance-oriented music ("dorotronics" in Frippese), maintaining Fripp's usual high standards.

Special groupie supplement: Fripp's final album, Let the Power Fall (a Frippertronics soundtrack), has already been released, completing his "contractual arrangements" and the "Drive to 1981." What he plans to do after this is a complete mystery, so these discs could well represent his "last works." Buy 'em for your kids, they're history.

David Shaw



Remarkable Charleen



Charleen, or how long has this been going on? Directed by Ross McElwee (1978), at Off the Wall Cinema.

Trees you are
Moss you are
You are violets

with wind above them

Ezra Pound, "A Girl"

Charleen is a lush portrait of a remarkable woman. It has few of the problems that hamper many "verite" portraits, and a good deal to recommend it. Documentary portraits often struggle to overcome the disjunction between "hot," emotionally charged situations and characters and the "cool," often clinical

documentary recording of them. When the camera itself is invasive, ill at ease or out of place as well, the result is that the viewer is left outside of the film, at great emotional distance. Not so with Charleen. From the moment of our first introduction to Charleen, we are captivated, temporary guests in her life.

When Charleen Swansea was a teenager, she ran away from the family false tooth manufacturing business in Charlotte, North Carolina by offering herself up for adoption to a rather select group of potential fathers. She wrote to a number of candidates, including Ezra Pound, Albert Einstein, Conrad Aiken, e.e. cummings,

and Buckminster Fuller. Charleen became closest to Pound and learned from him about making poetry and about helping others to do so as well. Ross McElwee tantalizes us with an inkling of this part of Charleen's life, but when he chooses to concentrate instead on her life in progress, we don't need to be told twice to listen enraptured.

Charleen is a teacher in the North Carolina Poetry-in-the-Schools program, a poet, a publisher of a literary journal, and a vital woman whose presence seems to fill the movie frame to the bursting point. McElwee needs only to provide a stage for her, and Charleen, a natural performer, entertains us. Charleen tells her students to "feel it and holler." She does the same for us, and carries us through a month with her, in which she, together with her friends and students, prepares for and presents a poetry concert, examines her life and the many people in it, and in an unexpected episode, confronts a crisis in which she

painfully realizes that there comes a point in life when "your age is aesthetically relevant."

McElwee gives us a portrait of a woman who can barely be contained within her ample physical frame, or the artificial physical frame of the film. Charleen's being spills over into her environment. When she is around, sounds and colors are more vivid, and flowers seem to bloom as a natural extension of her personality. The color in this film is especially striking, almost tangible in character. There is a particularly beautiful scene in which Charleen visits her mother's garden party, an image of lusciously colored, sun-dappled bouquets of women.

Charleen is a beautiful and fertile film that I found well worth the trip to Central Square's own theater. Off the Wall. It plays with *Resident Exile*, the bitterly ironic story of an Iranian student living in America. Both end this evening.

Genia Long

Sing a song of sixgnurds

All Tech Sing Saturday, April 25 in the Student Center.

The highlight of All Tech Sing 1981 came as the lady marauders of 7th West McCormick wended their way on stage. Their act was slick, sharply coordinated, bright, clever, and, above all, very funny. Their chorus line looked good, and they sang well and with an alertness and spirit that was unfortunately lacking in many of the other entries. They certainly deserved first prize.

Burton 4 took second place with a splendid bit of craziness. Plenty of frenetic movement went with lyrics rendered *con anima* to make up just the right blend of inspired awfulness.

There were too many tediously unoriginal "problem set/nerd" type acts during the evening. The exception came from Delta Upsilon — replete with nose picking calculated to heights of *nerdia ab absurdum* — a less virtuous group sought after less academic ambitions. The contrast was nicely made and the humor was pure MIT. There was good guitar and banjo playing as well. DU won third place together with PBE's Hojo and the Watermelons, although I found the latter less than exciting.

I did also rather like "Hacking on the Dome at Midnight" (Lucy in the Sky with

Diamonds) from 3rd East Travelling Zoo (East Campus) and the snappy "Paul E." from the 6 West Feebs (McCormick).

My vote for worst performance goes to Burton 1 which, on top of being disorganized and just plain dull, was shamelessly tasteless in making fun of the El Salvador situation in one of their numbers. They brought out the worst in MIT student naivete in failing to understand that tragic horrors are not suitable material for an evening of nonsense. Biting satire from the deeply involved, and in an appropriate environment, is one matter, but cheap jokes about death and destruction (from innocents who have no conception of the reality they are making light of) are something completely different and as wholly unacceptable as finding "humor" in the activities of the Ku Klux Klan. I am glad to say that some members of the audience hissed Burton 1; they deserved it.

The evening itself was not well-run. Bill Glickman, the emcee, was a bore, and there was a pregnant interval during the judging which should have been filled with some diversion or other. Short, snappy and original should be the key words for the future if this event, pleasant and entertaining though parts of it were, is to be more successful next time around.

Jonathan Richmond

UJA NEWS

The last "Preview" issue of the term was distributed Thursday, April 23. However, social events can be listed on "Partyline." Leave information in the SCC office (W20-347) or call 3-3916. The "Partyline" number is 3-3942.

Preview

Would you like to be back at MIT R/O Week helping new students through orientation? Leave your name, address & phone number at UASO (Rm. 7-103). Questions? Call Rhonda Peck, R/O Coordinator, at 5-9688 or Cindy Pribble, R/O Manpower, at 3-3788.

R/O 1981

The Committee on Educational Policy (CEP) will attend the GA meeting this Thursday, April 30, at 8 pm in Room 9-150. The agenda includes the approval of the UA Budget as recommended by the Finance Board, the establishment of standing committees of the GA, and a discussion about the Visiting Committee.

General Assembly Meeting

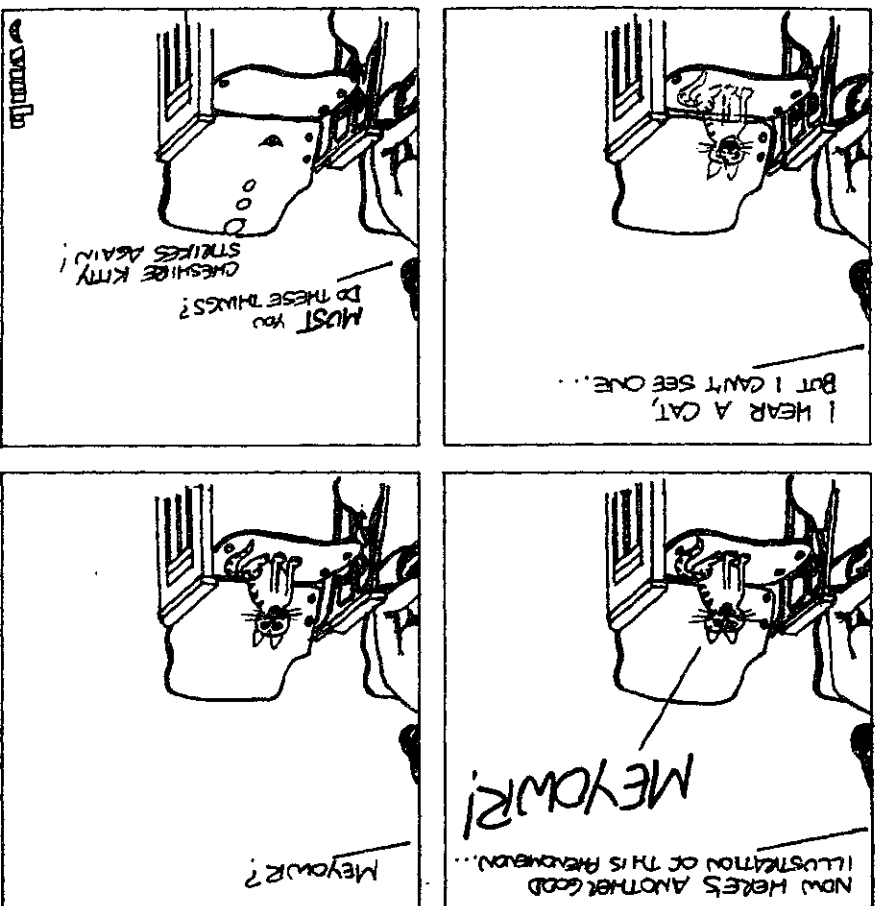
The Finance Board of the Undergraduate Association is looking for candidates to fill 2 seats. The Board is the treasury of the UA; it appropriates funds to ASA-recognized activities and offers financial and managerial advice to organizations. If you are interested in a responsible and challenging position and are willing to put in the time, please pick up an application in the Finance Board office (W20-405) and return it to the office; interviews for the seats will be held on April 29 at 7:15 pm in Private Dining Room #2.

Finance Board

Each year the R/O Committee mails a packet to all freshmen with information flyers from student activities. (This mailing does not include living group information.) The cost is \$25 per 8 1/2 by 11 sheet in the packet. If your activity would like to be included in the packet, pick up an information sheet at 7-103, UASO. For more information, call Rhonda Peck, R/O Coordinator, at 5-9688 or Neal Lippman, R/O Packets, at 5-8390.

Freshmen Summer Packet

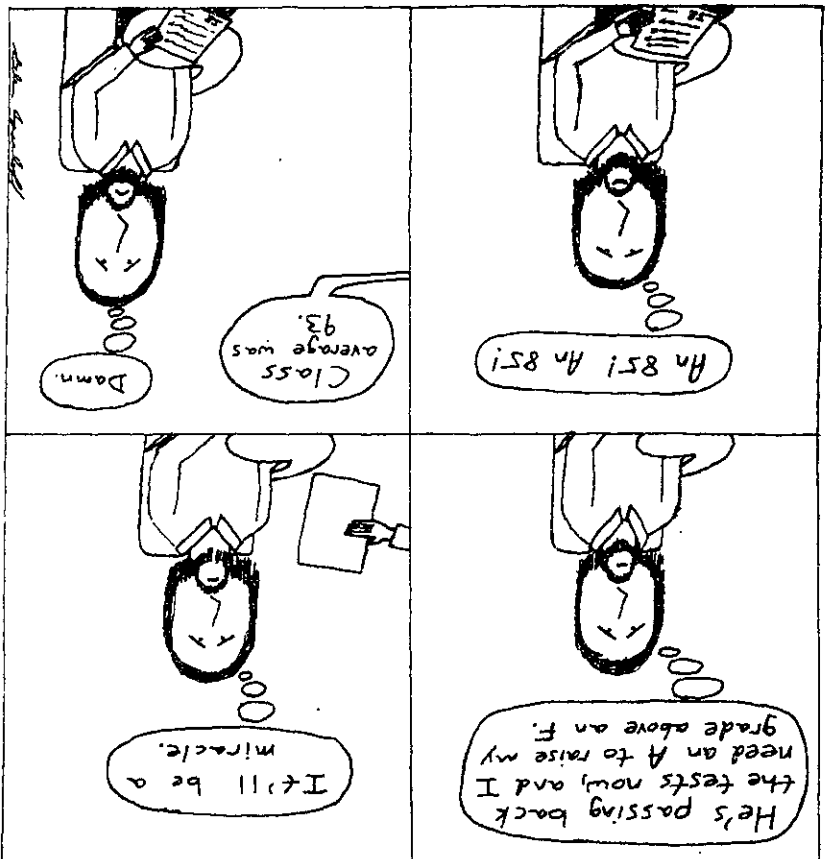
Outside Looking In
By V. Michael Bove



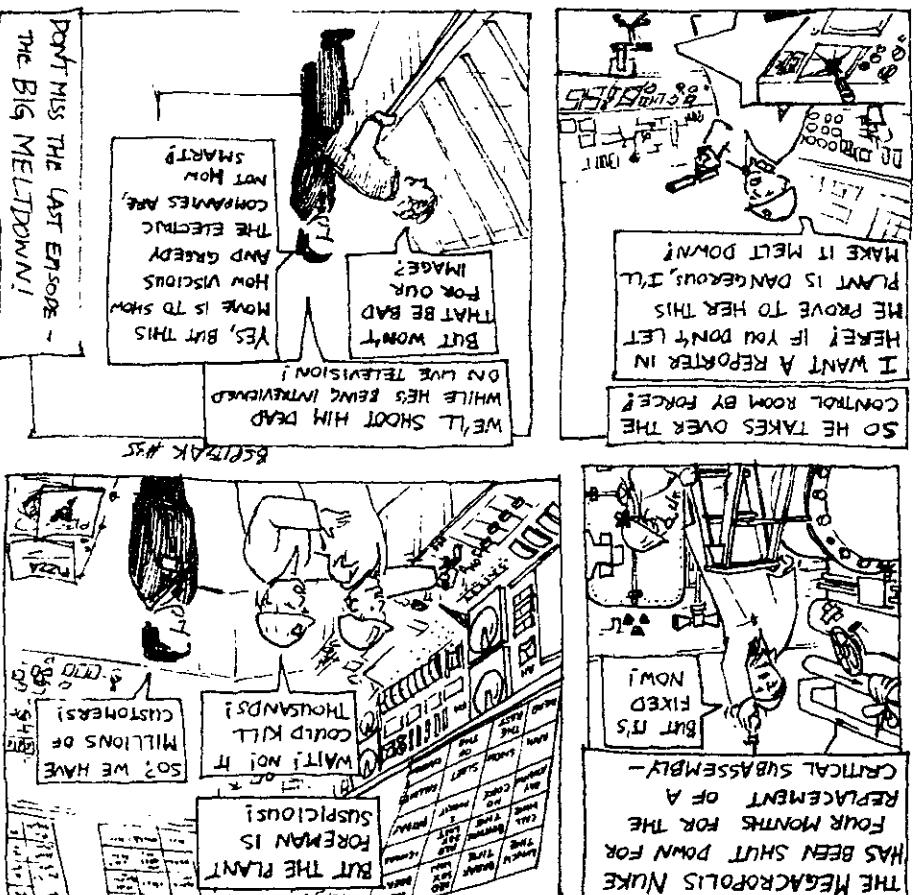
Stickles
By Geoff Baskir



Mr. Stu
By Glen Appseloff



Space Epic
By Bill Spitzak



Baseball improving Beats Suffolk in slugfest

By Eric Brandt

MIT baseball has been having a slightly rough season this year (3-8), but having won two in a row, things appear to be on the upswing. MIT played catch-up ball with Suffolk through almost all of last Wednesday's game, but wound up on top with the score 14-10.

This high scoring game resulted in three pitching changes by each team. MIT started with their ace reliever Bruce Diaz '84. Diaz's ERA before this outing was 0.8, but he was hit for eight runs, five unearned.

After a shaky start in the first two innings, Diaz settled down through the next two, but had to be removed in the fifth. Freshman Eric Banks, who relieved Diaz, pitched very well. Banks, who seems to hurl a very heavy fast ball, was superb in giving up no earned runs through the next three innings. In the eighth, second baseman Al Fordiani '82 was moved over to pitch where he allowed one run and finished the game with the win.

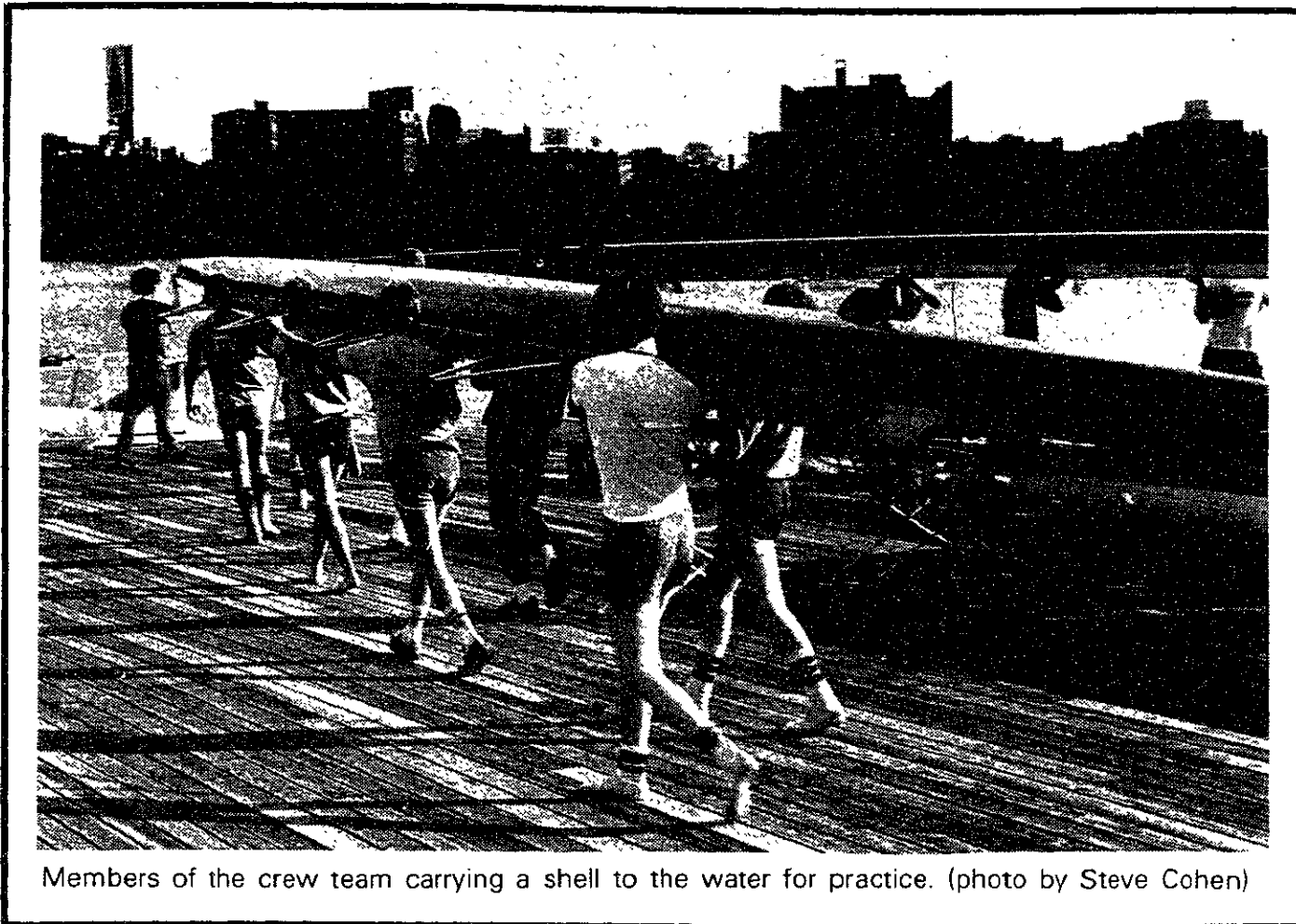
There were several players on the MIT team with very hot bats.

Carl Nowiszewski '81 hit a booming 475 foot drive over the left field fence in the fourth inning. Nowiszewski was three for three for the day, getting on base every time at bat, scoring three times and having a game high of four RBI's.

Another star was number nine hitter Ed Wilcox '82 (catcher), who was three for five in the game, with one safety each in the sixth, seventh, and eighth innings to drive in three runs and put icing on the cake.

Rightfielder John English '83 can be credited with the winning RBI on a single in the eighth inning.

All in all, the Engineers had a powerful game at the plate, scoring in every inning but the first.



Members of the crew team carrying a shell to the water for practice. (photo by Steve Cohen)

Women's Water Polo Club second

By Eric R. Fleming

The women's Water Polo Club finished second in its tourney at Alumni Pool last Friday and Saturday. Competing in the tour-

namment were club squads from UNH, Queens College of New York, and Wellesley, as well as MIT.

The action began Friday after-

noon as Tech handily disposed of Queens by a score of 9-0. Karen Fortoul '82 paced the attack with three goals, while Laura Gooch added a pair. The game plan here was defense, as Queens, totally stifled by MIT, could manage only two shots on goal throughout the contest. The next game against Wellesley was a much tougher match for the MIT women. Wellesley had the advantage of coming in rested, as Tech had played just earlier. MIT found itself on the short end of a 3-2 count at the end of two quarters, and 5-2 midway through the third stanza. The tight defense in front of the enemy goal, and the ability to turn a pair of breakaway opportunities into scores put Wellesley ahead.

It was here that MIT made its move. Tina Kangas G clicked with help from Fortoul at 3:26 of the third (water polo periods are five-minutes long) while Liz Connors G fired in a shot from 18 feet to cut the gap to one by the end of the quarter. Four fourth-period tallies put the game away for MIT.

The Tech string was rudely snapped Saturday, however, by a tough UNH team who had edged MIT, 7-6, in a double-overtime battle earlier in the year. This time, UNH blasted the Engineers, 10-1. UNH eventually won the tourney, winning all three of its games. Tech won two, while Wellesley beat Queens to take third.

The tournament generally went well, with the only real problem arising when Fordham, the fifth team to play, contacted MIT and stated it could not make the action because of transportation problems.

Looking at the team, whose record now stands at 5-3 for 1981, Fortoul said, "All the players have improved since the beginning of the year." The team is a young one, as half of its members had not played until this year. Two welcome additions to the team have been Mike Colucci '82 and Peter Kalish '83, who have volunteered to coach the club. Colucci is an ex-member of the men's varsity water polo squad, while Kalish currently plays for the Engineers.

Pistol 2nd only to service academies

Three invited to Open National Championships

By Nicholas Rowe

MIT continues to be one of the best pistol teams in the country following a very successful season. Its three losses out of eight overall matches were only to the service academies (Army, Navy and Air Force); indeed, the Engineers' only disadvantage is that they have less practice time than the academies do.

MIT's performance in the Intercollegiate Sectionals permitted all three divisions (standard, air, and free) to go to the National Intercollegiate Pistol Championships held here last month. As expected, the Tech shooters finished behind the service academies in all divisions, save a surprising third place finish in Standard Pistol ahead of Air Force. Notable individual achievements came from Ed Seidman '81, who took third

place in the air pistol division, and Duncan Hughes '83, who received Honorable Mention All-America honors. Hughes, who also set a National Junior Free Pistol record this season, along with Seidman, and John Blascovich '82 have been invited to the Open National Cham-

pionships in Phoenix, Arizona, based on their commendable performances this season.

Next year should prove to be no exception for the pistol team. Talented new prospects from the sophomore and freshman ranks should only serve to improve the team.

scoreboard

Women's Tennis 6, Bentley 3
Women's Softball 14, Emmanuel 3
Lacrosse 8, Springfield 12
Golf 411, Northeastern 433, Bates 455
Heavyweight Crew 6:14.9, Har-

vard 5:50.2, Princeton 5:55.7 (Compton Cup, Charles River)
Women's Crew 5:46.4, Boston Univ. 4:48.4, Northeastern 5:08.8 (Smith Cup, Charles River)
Lightweight Crew 6:46.2, Cornell 6:35.1, Columbia 6:51.0

The Cantata Singers
Ensemble

David Hoose, Guest Conductor
STRAVINSKY: LES NOCES
Works by MONTEVERDI & SCHUETZ
Wednesday, April 29, 1981, at 8:30 P.M.
Sanders Theatre, Cambridge

Tickets: \$10, \$8, \$5; at Boston Ticket Booth, Boston; Out of Town Ticket Agency, Cambridge; Boston Ticket Charge: 542-3200; or Cantata Singers, Box 375, Cambridge 02138 (625-7410)
Student Discounts at the Door
Concert funded in part by the Mass. Council on the Arts & Humanities.

HOMEMAKERS

We Need You!

For good paying jobs in your community.

As an Intercity Homemaker you help Elderly, Children & Disabled remain in their own homes. Hours of work are flexible to fit your personal schedule. Because we are the BIGGEST & the BEST Homemaker agency in the state, we can fulfill Your Needs and those of our clients. Call Today!

Intercity Homemaker Service Inc.
*Equal Employment Opportunity/
Affirmative Action Employer*
CALL 321-6300 or 623-5210
Interviews in Your Area

LIMITED TIME ONLY!

Spring Sale

\$159.⁹⁰

... Save \$65.¹⁰ *

SUNROOFS

Promptly & Professionally Installed.

* Usually \$225.
Sunroof 15" x 30" in black frame with removable solar cool glass top featuring single latch opening. Other models also on sale.

For information, call toll free: 1-800-982-4747
WE ACCEPT MASTERCARD & VISA

ACME GLASS

Specialists in glass replacements for Auto, Home & Business

CAMBRIDGE 864-0002 201 Brookline Street	REVERE 289-9580 512 Broadway	WALTHAM 891-1300 838 Moody Street	MILFORD 478-3100 106 E. Main Street	QUINCY 479-3800 636 Hancock Street
MALDEN 324-5450 51 Commercial Street	READING 944-3050 550 Main Street	NATICK 653-8850/237-1950 217 W. Central Street	WALPOLE 668-4854 943 Main Street	NORWELL 799-5252 Washington St., Rear 55
LYNN 593-4420 217 Broad Street	BILLERICA 663-4400 295 Boston Road	WORCESTER 756-0400 42 Park Avenue	WEST ROXBURY 327-4080 1440 VFW Parkway	HYANNIS 771-7723 123 Barnstable Road

We will not be undersold!

**MAKE IT
CLEANER
IN MASS-
ACHUSETTS
MONTH!**

Litter's Days
Are Numbered!

Find out how you
can Make It Cleaner
in Massachusetts by
calling The RecycleLine
1-800-882-1468 and in
Boston, 482-7977.

© The Corporation for a
Cleaner Commonwealth.