

"Continuous News Service  
Since 1881"

# The Tech

Don't expect news, for I  
know no more than a  
newspaper.  
—Horace Walpole

VOLUME 94, NUMBER 50

MIT, CAMBRIDGE, MASSACHUSETTS

TUESDAY, NOVEMBER 26, 1974

FIVE CENTS



Dr. Nevin Scrimshaw, head of the Nutrition and Food Sciences Department, speaking at the teach-in on the world food crisis last Thursday.

Photo by Rich Reihl

## Must fight hunger 'fast' banquet told

By Craig Bura

Drastic social and economic changes will have to occur if a world food crisis is to be circumvented, claimed five speakers at a teach-in held last Thursday afternoon at MIT. The teach-in was held in conjunction with a Fast for a World Harvest, a program organized by Oxfam-America, the American branch of Oxfam, a British organization that is devoted to the reduction of famine throughout the world by increasing agricultural output.

The teach-in was slightly disrupted when a few members of the US Labor Party tried to raise support for an emergency program to stop, in their words, "the murder of millions of people in India and the African Sahel." The disruptive conduct of the party members met severe audience disapproval, however, and the disturbance lasted only a few minutes.

There was a world population increase of 1 billion from 1950 to 1974, and if this trend continues world food production will not be able to keep up with increasing food needs, according to Professor Nevin Scrimshaw, Chairman of the MIT Department of Nutrition and Food Sciences. Scrimshaw also pointed out that there is a "possibility of reduction in food output due to drastic climatic changes due to environmental pollution."

North America, which exported 94 million tons of grain in 1973, has helped in the past to reduce food shortages in many of the underdeveloped countries, explained Scrimshaw. Last year, Scrimshaw continued, the Soviet Union purchased 25 per cent of the US grain production resulting in "obliteration of food stores in the US."

In the late 1960's and early 1970's the Green Revolution

was expected to increase grain output. Limits to the Green Revolution soon became apparent, however, when the tremendous water and fertilizer requirements resulted in restricted outputs. The energy crisis has had a marked effect in this area, according to Scrimshaw, since petroleum is needed both for fertilizer production and for fuel needed for irrigation.

Scrimshaw said countries that consume mainly animal protein use a disproportionately large share of world grain production since it takes, for example, 8 pounds of grain to produce 1

(Please turn to page 3)



"Count UMOG," who was voted the ugliest person at MIT last week, presented President Wiesner with a bit of free advertising last Thursday. UMOG collected almost \$1200 to win the title on his second try.

Photo by Tom Klimowicz

## Fewer women applying

### Admit not concerned by applications drop

By Danny Naddor

The number of preliminary applications for admission to MIT from women has decreased this year, but Admission Office officials predict there will be as many women in the Class of 1979 as in the record-breaking class of 1978.

As of Oct. 28, the last date for which statistics have been compiled, only 900 preliminary applications had been received from women, as opposed to 1400 at the same time last year. That class, which was admitted as freshmen this year, had more than 200 women, a record high for MIT admissions.

The change in the number of preliminary applications however, does not represent "female disenchantment with MIT," according to Assistant Director of Admissions Sandra Cohen '73. Instead, Cohen said, it reflects changes in MIT admissions policy aimed at improving the quality of the preliminary applicants to the Institute.

A program called "Student Search," aimed at identifying promising high school students interested in science and technology, was used for the first time last year as a basis for mailings to prospective students, Cohen explained. A questionnaire given out with the SAT and PSAT tests by the College Entrance Examinations Board asking students about career interests, class rank,

(Please turn to page 2)

### Student urged to see prospective applicants

By Stephen Blatt

The number of applications for admission to MIT up this year, the Office of Admissions is urging students going home over Thanksgiving to contact actual and potential applicants.

"High school students need to see real MIT students," according to Peter H. Richardson, Director of Admissions. "There are a lot of myths about MIT, most of which I don't agree with, and people should know what life here is all about."

According to Richardson, there has been a continuing effort to get MIT students to talk to potential students, "especially women and minorities, whose normal communications links are not connected to the Institute."



Photo by Diana Healy

Admissions Head Richardson

Although "more than half the final applications come in during two weeks before applications are due (Jan. 1)," preliminary applications are higher this year than last. The number of applications from women, however, "is behind last year's, but ahead of 2 years ago," said Richardson. He also noted that while figures on minority applications are not available at this time, "it will probably be a continuing problem for a good many years" to increase minority representation in the admissions pool.

All recommendations sent out after 2 weeks ago contain a printed warning that the student will

(Please turn to page 5)

## News Analysis

### Report foresaw files problems

By Mike McNamee  
First of a series

A number of American colleges, including MIT, are finding themselves faced with administrative and possible legal problems as a result of the recently-implemented Buckley Amendment to the Family Educational Rights and Privacy Act of 1974 — the so-called student files law.

The Institute's problems,

based in MIT's interpretation of the controversial law, have resulted from the suddenness of the law's implementation and the lack of planning efforts MIT was able to bring to bear on the law before it took effect.

MIT's problems are shared by quite a few other schools. But not many schools had the opportunity MIT had when, three years ago, a special faculty committee presented a report recom-

mending many of the administrative and procedural changes that MIT is now being forced to do on a rush basis by the Buckley Amendment.

That report — the Final Report of the Ad Hoc Committee on the Privacy of Information at MIT, published in May, 1971 — is best remembered for its recommendations on the handling of computer-stored

(Please turn to page 5)

## Hughes voted ugliest; \$2K donated for CARE

By Michael Garry

Count UMOG (Brian Hughes '77) was voted the Ugliest Man on Campus, as he led a field of six official and numerous write-in candidates by collecting \$1,195.76.

The total sum of money gathered in last week's UMOG contest, sponsored annually by the Alpha Phi Omega service organization, was \$2,205.00, down by over \$580 from last year's total. The money, which represented "votes" for UMOG candidates, will be donated by APO to the Care Famine Relief Fund.

Two unofficial candidates, Irv Englander and MRN (Marian Tomusiak '77) were more successful than three of the official candidates, garnering \$114.93

and \$91.78 respectively. (See table for list of official candidates and the donations they received).

The UMOG candidates campaigned throughout MIT last week, in addition to maintaining a booth in Building 10.

Three of the six candidates joined the race just before it began last Monday, which eliminated APO fears that the contests would not attract as much interest as in past years. The original deadline had been extended so that more candidates could join the race.

The candidates did not tend to rely on their natural ugliness, instead using gimmicks and make-up, which have become popular in the past few years.

Official Candidates	Total Donation
Count UMOG	1,195.76
Schwalenburg	386.24
Maxwell's Demon	190.35
Spisak	72.32
Mask of Zero	54.37
Lintz	12.98

## Female interest in MIT down

(Continued from page 1)  
and grades was used, along with scores on the tests.

Students identified by the search procedure were sent a preliminary application form and a copy of "MIT Today" by the Admissions Office in the summer before their senior year. In an effort to increase the number of women applicants, standards for women were somewhat lower than those for men, resulting in 10,000 women receiving preliminary applications compared to only 5000 men.

Many women high school students were "falsely encouraged" by MIT's interest in them, Cohen said, and applied to the Institute. A sharp drop in the ratio of final applications to preliminary application among women was one result of this policy, Cohen said.

Standards for men and women were equalized this year in the Student Search procedure, resulting in a decline in the number of applications from women, Cohen said. Only 400 women received "MIT Today" this year, while 11,000 men were sent the booklet. Cohen

explained that men tend to score better on standardized admissions tests and usually express more interest in mathematics and science than women do, resulting in higher figures for men when equal standards are used.

"It's probably safe to assume that the 4000 women we contacted this year are generally more qualified, if not as numerous, as last year's women," Cohen told *The Tech*. "This probably means we will get more completed applications, and a higher percentage of those women who apply will be accepted."

Cohen predicted that the Class of 1979 would probably be about 20 per cent female, the same as this year's freshman class. "They will be at least as able as this class," she added.

A series of studies conducted by the Admissions Office two years ago showed that women were much less likely to be interested in careers in science and technology than men, Cohen said. Figures compiled in these studies indicated that MIT's admissions could probably not result in more than 30 per cent women in freshmen classes in the next few years.

- Abortion\*
- Gynecological Care\*
- Vasectomy\*

\*with counselling



free pregnancy tests

**PRETERM**

1842 BEACON ST., BROOKLINE, MASS.

(617) 738-6210

a licensed non-profit medical facility

## Seminar on Merit and Equality in a Just Society

Thursday, December 5, 4:00pm  
Lecture Hall 9-150

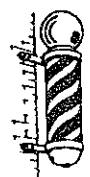
Justification for Inequality:

The Contribution of Economic Theory

Kenneth E. Boulding, Institute of Behavioural Science,  
University of Colorado

Respondent: Kenneth J. Arrow, Economics,  
Harvard University

Sponsored by the Technology and Culture  
Seminar at MIT



## Larry's barber shop

is now open for business again at Tech Square.

We look forward to serving all our patrons, both new and old, with the finest haircuts, in whatever style you desire.

Mr. Stevens will be at Larry's on Mondays and Tuesdays to do women's haircuts by appointment

Larry's Barber Shop

545 Main Street (Tech Square Lobby)

## classified advertising

**MULBERRY TYPING STUDIO**  
10c Mt. Auburn Street, Cambridge, Ma. 864-6693  
Professionally typed theses, statistical reports, manuscripts, resumes, etc. Editing, Language Translation, Transcribing, etc. Dead line work accepted!

**PRIMAL FEELING PROCESS.**  
Based on primal theory. Oregon Feeling Center, 680 Lincoln, Eugene, Or. 97401. (503) 726-7221.

I've been typing Masters and Ph.D.'s  
Full Time  
for five years (and still love it!)  
I'd be happy to help you. (IBM Correcting Selectric) 864-3406 (Weston)

**Term Papers:** Canada's largest service. For catalogue send \$2 to: — Essay Service, 57 Spadina Ave., No. 208, Toronto, Ontario, Canada. Campus representatives required. Please write.

**COMPUTERIZED LITERATURE SEARCHING**  
Weeks of library labor saved by searches of computer-stored citations by skilled Information Specialists. Data bases in 15 disciplines. Instantaneous results. Rates, appointments, information at the MIT libraries, or call x7746.

## Tech Student Travel X3-5433

Group Flights to:

- Baltimore
- Cleveland
- Philadelphia
- Washington, D.C.
- New York City
- St. Louis
- Pittsburgh
- Chicago
- Houston
- Los Angeles
- San Francisco

Lower than low rates!  
Leaving Dec. 19 & 20,  
return flight open.  
Mon-Thurs 4-10, Sat 1-4  
4th floor, Student Center  
or call  
**LONGWOOD TRAVEL**  
X3-5435

# IBM would like to talk to you about you.

And we can offer outstanding career opportunities in Engineering, Programming or Marketing.  
We will be interviewing at

MIT on December 3, 1974.

To find out about IBM and let us find out about you, sign up for an interview at the Placement Office or write to:  
Mr. R.D. Kelly, College Relations Manager, IBM Corporation,  
Old Orchard Road, Armonk, New York 10504.

**IBM**

An equal opportunity employer

## Three frats fined for rush violations

By Mitch Trachtenberg

Three fraternities have been fined in decisions by the Inter-Fraternity Council (IFC) Judicial Committee for rush violations charged during the 1974 Residence/Orientation Week.

Delta Psi (Number 6 Club), Theta Delta Chi (TDC), and Theta Xi (TX) were assessed with small fines as the fraternity committee dealt with the last problems remaining from the 1974 rush.

Charges had been made by Epsilon Theta (ET) against Number 6 and TDC, and by Delta Kappa Epsilon (Deke) against TX. The violations were all minor, and fines were less than \$50, according to Judicial Committee members.

The charges against Number 6 was that they had allowed an alumni helping them rush to tell stories "damaging" to Epsilon Theta to prospective pledges. The IFC filed the fraternity fifty dollars, but the fine was suspended. Number 6 did not appeal.

Epsilon Theta's other charge was that TDC had failed to phone in the names of freshmen sleeping over at the fraternity one night during rush week. TDC was fined fifty-five dollars, with twenty-five suspended. The fraternity appealed, however, and the decision was reversed on the grounds that the lack of filing was very probably a computer error.

The remaining case, Deke against TX, resulted in the IFC's fining TX fifty dollars. The charge was that Theta had rush-

ed during the freshmen picnic. Specifically, according to Rich Chmura, President of TX, the fraternity invited a freshman who had attended one of their summer parties over to their house during the picnic. Chmura says that his fraternity will not appeal and admits that, "... a wrong was done. The way the (the IFC interpreted it (the rush rules) was different from the way we interpreted them."

The reason that this year's fines were so small, according to Sam Price, secretary of the IFC's Judicial Committee, is that the complaints were relatively minor. As an example, he cited a major violation that occurred last year, where SAE "cooled a pledge." Under IFC rules, no fraternity may in any way discourage a pledge from joining. SAE appealed the fine, but it was sustained.

Price also stated that he had received the impression that a number of fraternities had not gone to the trouble of filing complaints for trivial violations, noting that the fraternities try to stay on friendly terms with one another over the rush.

IFC President Peter Mancuso told *The Tech* he felt a reason for the low number of complaints this year was the admirable job that was done of monitoring the fraternities during the rush. Referring to Mark Suchon, Chairman of IFC Judcomm, he stated, "By monitoring the whole process throughout rush week, Mark and his boys did an excellent job of keeping the violations down."

## Reactor safety challenged

By Mike McNamee

Debate over the safety of nuclear reactor power plants has risen sharply in the last week, as a Cambridge-based group of scientists strongly criticized safety standards and estimates used by the Atomic Energy Commission.

The Union of Concerned Scientists charged in a 170-page report released Saturday, that the commission has used obsolete and inaccurate standards in evaluating the chances of a reactor accident, and in estimating the hazard to residents of the reactor area in such an accident.

Specifically, the report claimed that more than 120,000 people - 16 times the number estimated by the AEC - would face death or serious illness if a major reactor accident were to occur. The report also said that the estimation methods used by the commission had been abandoned by other federal agencies several years ago as inaccurate.

The report was issued as a response to an AEC study, headed by MIT Professor of Nuclear Engineering Norman C. Rasmussen and released last August, which the scientists said contained a number of analytical flaws which made its prediction overly optimistic.

MIT Professor of Physics Henry W. Kendall, a member of the Union of Concerned Scientists, was quoted as telling a press conference Saturday that the commission's safety claims, many of which have been based on the Rasmussen report, "are a conceit based far more on their enthusiasm for the nuclear power program than on solid and convincing scientific proof."

Rasmussen, who is traveling in Europe, could not be reached for comment. Saul Levine of the AEC, staff director of the group that worked with Rasmussen, said that he felt the AEC report was "solid," and that any valid criticisms in the Union report would be studied by the Commission.

### Method Criticized

The estimation methods used by the AEC, according to the Union report, was originally developed in the 1960s by the National Aeronautics and Space Administration, but was aban-

done by NASA when it was found to seriously underestimate the expected failures in rocket engines. The scientists group claimed that the method as it was used by NASA was inaccurate by a factor of almost 400.

Levine told *The Tech* yesterday, that the Union report "showed little understanding of the methods actually used," by the AEC. "They appear not to be up to the times," he said, "When the cite errors that occurred in the Apollo program in the early 1960s, they forget that a lot has happened in the last 14 years."

Levine said that the commission had made "a herculean effort at defining all the possible failures" that could be missed by the methodology in the report. "I think we have found all the possible failures," he said.

Levine said that he did not expect the publicity of the Union report to damage ongoing reactor projects. "We are

soliciting comments, and will issue a final report later. We hope to encourage a scientific debate on the issue, and feel that the scientific community, will come down on the side that makes the most sense," Levine said.

Rob Duboff, a staff member of the Union, disagreed with Levine's comments. "I don't think it's clear that their methods have improved all that much since the Apollo failures," Duboff said. "Our criticism is that their standards are bad. That hasn't changed."

### "Fault-tree" analysis

The disagreement between the two groups of scientists center on the use of "fault-tree" analysis, a method of analysis which tries to predict the probability of a series of events necessary to cause an accident occurring. For example, the nuclear accident most feared is a "loss-of-coolant" accident, when the

(Please turn to page 5)



Steve Murphy, a local organizer of the Fast for World Harvest held here last Thursday, addressed the Hunger Banquet held at the end of the day of fasting.

Photo by Rob Mitchell

## Must fight hunger 'fast' banquet told

(Continued from page 1)  
pound of beef. According to Scrimshaw, the present crops could be extended if there was a decrease in world consumption of animal protein and an increase in world consumption of vegetable protein.

"Doom is not inevitable," Scrimshaw stated before closing, since "per capita production of protein is still adequate today but it is the maldistribution of protein sources that is causing hunger and malnutrition."

Other speakers at the teach-in were Peter Hakin of the Nutrition Department, Ngo Vinhlong of the Vietnam Resource Center, Professor Phillip Morrison of the Physics Department and

Anthony Lewis of the New York Times.

The disturbance occurred when Steve Desmond, a communist and US Labor Party member, was called upon to ask a question. Desmond proceeded to deliver a speech, rather than ask a question and refused to sit down when requested to do so by the speaker with the floor. Only after the audience expressed their disapproval of Desmond's conduct did the US Labor Party member sit down and become silent.

The program supported by the US Labor Party consists of three points:

(1) The United States, Canada, Australia and other agricultural producer countries, utilizing a portion of the more than 90 million tons of grain in reserve, must immediately send sufficient grain to India, Bangladesh, the African Sahel, Ethiopia and Honduras to guarantee the satisfaction of minimal dietary requirements to the entire population of those areas.

(2) Appropriate measures must be taken now to guarantee the expansion of 1975 grain crops to necessary levels.

(3) Declare a moratorium on all farm and Third World debt.

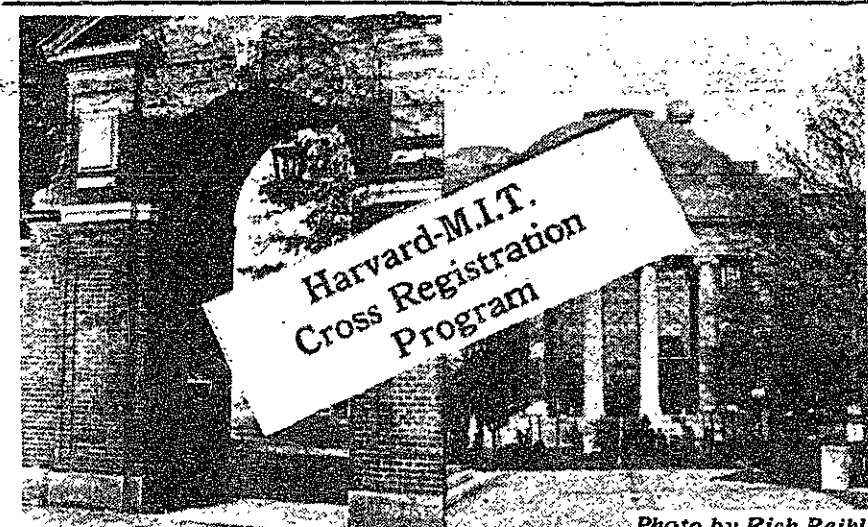


Photo by Rich Reihl

## H U exchange does exist

By Greg Erwin Lemke

Its Office is located in Building 20, it isn't listed in the telephone directory and few undergraduates know of it, but the Harvard-MIT cross registration program definitely does exist.

The cross-registration headquarters is in 20D-204, the office of Associate Dean of the School of Humanities and Social Science Donald L. M. Blackmer, who is the MIT coordinator for the program.

Finding the office requires persistence, however. The new MIT telephone directory does not list a cross-registration program with Harvard, calling the MIT Information Office fails, and the phone and office listings given for the program in HoToGAMIT are wrong.

Such non-information probably stems from the fact that an applicant is likely to have some trouble getting into the program, even after he or she finds out where it's located. Some of the problems are:

a) the program is normally open only to juniors and seniors.

b) a 4.0 grade average or better is required.

c) the subject taken at Harvard must not be available at MIT.

d) your adviser, the Harvard instructor, and Dean Blackmer must sign the application.

e) final exams at Harvard are in January, and they tend to be of greater importance there than at MIT.

f) MIT undergrads are "not permitted to take subjects in the professional graduate schools" at Harvard.

Despite these obstacles, mutually agreed to by MIT and Harvard, about 40 MIT undergrads are involved in the exchange, according to the program office. Harvard classes for these students began on Sept. 23, about two weeks after the beginning of classes at MIT.

## Medical group given new role

By Gerald Radack

The Medical Advisory Board, formed as a communications link between the Medical Department and members of the MIT community who use the Department's services, has been given official status after three years as an unofficial body, it was announced last week.

"I think our most important function will be to act as a

Of course, anyone involved in the program has to get to and from classes by his or her own means, and class schedules invariably conflict.

Although taking classes at Wellesley is suggested as an easier process, those who are determined to take on the Harvard program are encouraged to do so.

Questions may be referred either to Dean Blackmer or to his secretary.

According to Blackmer, Harvard registration deadlines for the spring term are such that the appropriate forms can be filled out by MIT students in early February, after IAP.

sounding board, a spokesman for members of the community who have a complaint," said the board's new chairman, Professor of Electrical Engineering Louis D. Smullin '39.

The board's members, appointed by MIT President Jerome B. Wiesner, represent various groups which use the Department's services - stu-

dents, faculty, staff, and others. All except two or three members of the board are newly appointed, Smullin said.

Until the board starts to receive complaints or suggestions about the Department's performance, "our job will be to get personally familiar with the services of the Medical Department"

(Please turn to page 5)

## In Case of Insomnia— Student Gov.

Warning! Caution!  
Reading this may be hazardous to your health.  
(Boring)

By Storm Kauffman

I have heard numerous (virtually countless) people criticize the student government for its failures, successes, ineptitude, unrepresentative viewpoint, and so on. I have read a veritable plethora of derogatory columns by *The Tech* editors (including myself) and even by the Undergraduate Association hierarchy. However, it has been some time since anyone looked closely at the "proper" role for student government, without extolling its virtues or denouncing its lack of achievement.

Student leaders have consistently faced the problem of deciding where to ply their influence. Unfortunately, they often choose incorrectly. Basically, students should have a voice (and use it) in any Institute decision likely to have more than a negligible effect upon them. They should not insist they have a "right" to take part in everything; they thus lose much of the force they might better apply to the really important matters.

An example where student participation is unnecessary and perhaps inadvisable is the selection of top Institute officials. At the time of the search for a successor for then-President Howard Johnson, *The Tech* called for a student role in the selection process (Dec 11, 1970). Certainly, student input would be important regarding the function of the President *vis a vis* students and academics, but there is no conceivable reason why undergraduates should have any say on the particular individual being considered for the post. As the position moves closer to the student domain, the case for participation becomes stronger. Students might be included in the selection of the Provost and must be included in the selection of a Dean for Student Affairs.

Another instance where students deserved no "right" to "demand" was the divestment of Draper Labs. Granted war (classified) research is bad for MIT student involvement in projects, but nowhere is a student given any assurance that he will be allowed to decide Institute policy if he pays his tuition on time. The activists' furor over Draper might better have been applied to problems with the DSA... the Labs would have been soon spun off anyway, the premature divestment only caused budgetary problems from which MIT is still suffering.

While students may suffer from being over zealous, MIT too often ignores us in the areas in which we are as well, if not better, informed than the faculty and administration.

The Office of the Dean for Student Affairs is my favorite target because it deals primarily in this realm. Time after time, the deans seem eager for student input while apparently disregarding any they do get. Special event scheduling, internal judicial matters, and minority affairs are cases in which the DSA has seemed to "screw" the students.

Undergraduates sit on many of the Institute committees, and some of the groups actually depend on students for suggestions, advice, and information, but there are too many times when student interests are neglected.

My conclusions? Students should insist on inclusion in the decisions that affect them but should keep out of MIT operational matters. Student government should work to provide a united front to the rest of MIT: settle the internal differences before going to the administration. Faculty and administrators should, must, listen seriously to their undergraduates.

After all, students are supposedly why MIT is here. We may not often show it, but some of us are actually intelligent and may occasionally have a good idea of our own (God forbid).

## Jack Anderson

# More Bang for the Buck

By Jack Anderson

© United Features Syndicate, Inc.

WASHINGTON — The new Congress, with its liberal tilt, is expected to cut military spending. The liberals would rather spend the money to feed the hungry and find jobs for the jobless.

President Ford has promised his military chiefs, however, that he will battle for the defense budget. He will accept moderate, but not deep cuts, he told them.

He urged the armed forces to take the initiative by cutting out the fat. The Army, for example, is top-heavy with brass. Consequently, Pentagon insiders anticipate, a "reduction-in-force" next year that could, in words of one high-ranking official, be "damn bloody."

The Army is also weighted down with support troops, who perform services for one another, without adding anything to the Army's fighting power.

Under the President's prodding, the Army will start moving support troops into combat units. The goal is to stretch the number of combat divisions from 13 to 16 without adding any manpower.

The other services will also trim down to better fighting shape. The goal, once again, will be to get more bang for the buck.

### Corpulent Congress

If Congress would linger a moment over its own budget, meanwhile, the taxpayers' burden might be lightened a bit more. The politics of an election year killed a hoped-for pay increase for the lawmakers, but they quietly granted themselves larger allowances to offset their \$42,500 annual salaries.

Each congressman now receives \$6,500 a year for stationery. This is almost double the figure of two years ago. The penurious potentate, moreover, is permitted to pocket any surplus he manages to accumulate.

Without failure, the lawmakers also received increased allowances for office rental in their home districts, telephone service, postage and staff. The additional cost to the taxpayer will run to several million dollars.

Buried in the latest tax reform bill, furthermore, is a provision that would boost the deductions a congressman can take for his living expenses in Washington.

These are but the latest additions to a fringe benefit package that would make a union boss drool with envy. Congressmen already receive free parking spaces, cheap food, catering services, free potted plants, gymnasium facilities, picture-framing services and decorative maps, paintings and photographs.

In short, the legislators are not likely to feel the pinch of the tight economy until they visit their districts.

### Cool War

The United States and the Soviet Union are preparing for a momentous conflict over Western Europe. The Kremlin believes that the threatening economic breakdown will make Western Europe ripe for revolution. There is open talk in Moscow about the defeat of capitalism in Europe.

Mikhail Suslov, the No. 2 man in the politburo, has taken charge of the undercover operations in Western Europe. He has already strengthened the Kremlin's ties with the Communist movements in Spain, Portugal and Italy. His aim is to take advantage of Western Europe's economic troubles to bring the Communists to power.

Washington is fully aware of the Kremlin's activities and is taking measures to prevent a Communist takeover of Western Europe. The word has gone out to our European allies that the Soviet-American detente doesn't mean they should relax their vigil against Communism.

Secretary of State Henry Kissinger, during his recent visit to Rome, urged Italian leaders not to admit the Communists into a coalition government. Kissinger's strong opposition reportedly prevented an accommodation between the Christian Democrats and Communists.

Both Washington and Moscow, meanwhile, are still pushing peaceful coexistence. But behind the scenes, they are girding for a new "Cool War" over Western Europe.

### Doctor's Debate

The medical profession is in an uproar over ex-President Nixon's phlebitis operation, which almost resulted in his death. His treatment has become the hottest controversy in medical circles.

The chief physician in the case, Dr. John C. Lungren, has been sharply criticized for performing the operation while Nixon's blood was thin from anticoagulants. Dr. Lungren's choice of the vein which was shut off to prevent the movement of blood clots has also been questioned.

But the biggest issue is whether Dr. Lungren should have called in specialists. Some doctors say the former President might have avoided a close call if experts in bleeding and clotting had been consulted.

Dr. Lungren has answered his critics, in private, by demanding how they can criticize his decisions without knowing all the facts. He has also argued that too many specialists result in fragmentary care for the patient.

The controversy may be settled by the court-appointed doctors who will examine Nixon and report their findings to Judge John Sirica.

### Washington Whirl

The National Park Service prints up and mails, at public expense, over 2,000 invitations to its annual croquet tournament in Washington. As one wag told us, the players have a ball, but the taxpayers get knocked through the hoop... The State Dept's "freedom of information" files are kept in heavy steel cabinets equipped with oversize combination locks... Eastern Airlines has come up with a new gimmick to boost its ticket sales. On a recent Miami flight, a stewardess gave away two bottles of wine to the passenger with the oldest penny and the one with the most credit cards. The winning copper was dated 1924. The second bottle went to a man carrying 17 plastic passes to poverty...

The Humane Society is trying to get some animal films classified "R" so they'll lose money. The animal lovers also want to get the worst films banned in interstate commerce so they can be shown only in the state where they are made... Alaskan game wardens recently bagged a preacher. Radio evangelist Garner Ted Armstrong was caught illegally killing a moose. He forked over \$500 fine and the moose was served up to schoolchildren.

Continuous News Service

# The Tech

Since 1881

Vol. XCIV, No. 50 November 26, 1974

Barb Moore '75; Chairperson  
Storm Kauffman '75; Editor-in-Chief  
John Hanzel '76; Managing Editor  
Norman Sandler '75; Executive Editor  
John Sallay '78; Business Manager

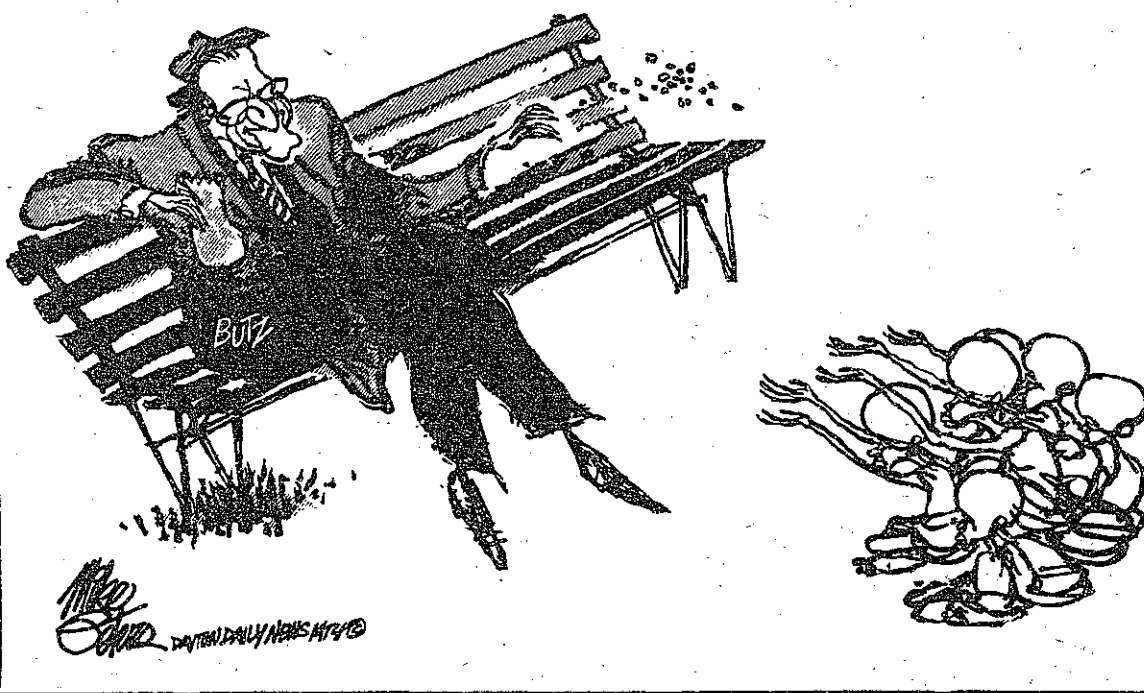
Bob Nilsson '76, Julia Malakie '77;  
Night Editors  
Mike McNamee '76; News Editor  
Neal Vitale '75; Arts Editor  
Tom Vidic '76, Tom Klimowicz '77;  
Photography Editors  
Dan Gantt '75; Sports Editor  
Mark Suchon '76; Ad Manager  
Leonard Tower Jr.; Financial Consultant  
Tim Kiorpes '72, Paul Schindler '74,  
David Tennenbaum '74;  
Contributing Editors

Michael Garry '76,  
Margaret Brandeau '77, Bill Conklin '77;  
Associate News Editors  
Glenn Brownstein '77;  
Associate Sports Editor  
Mark Keough '76; Associate Ad Manager  
Peter Peckarsky '69;  
Washington Correspondent

Michael Graves '76; Production Manager  
Jeff Palmer '78, Joseph Schneider '77;  
Accounts Receivable  
Chuck Funk '76; Circulation Manager  
Steve Kirsch '78; Accounts Payable  
Jean Hunter '76; Advertising Staff  
Brian Rehrig '75, Tom Gilbert '78;  
Circulation Staff

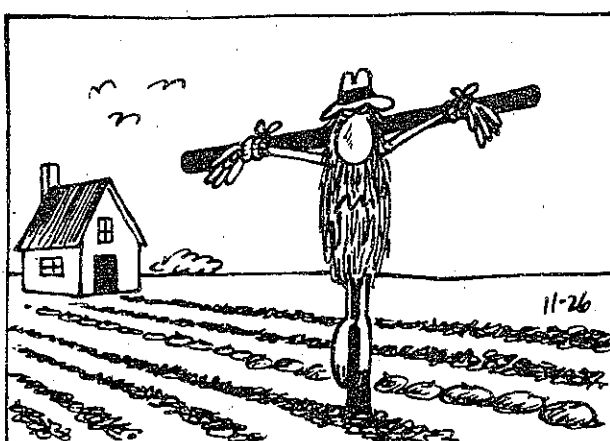
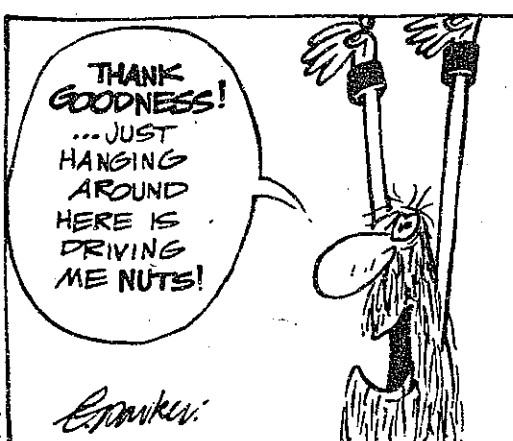
News Staff  
Greg Saltzman '76, Stephen Blatt '77,  
Stephen Mallenbaum '77, Jules Mollere '77,  
Gerald Radack '77, Lucy Everett '78,  
Greg Lemke '78, Mitch Trachtenberg '78  
Photography Staff:  
Mike Garcia '78, Roger Goldstein G,  
David Green '75, Diana Healy '78,  
Mark James '78, Rob Mitchell '78,  
Dave Relman, Rich Reihl '77,  
Dave Schaller '78  
Production Staff:  
Beth Karpf '75, Bill Pritchard '78,  
Mindy Lipson '76, Cathy Medich '77,  
Russel Nevins '77, Vincent Richman '77,  
James Jones '78, Mark Munkacsy '78,  
Dave Thompson '78, Lynn Yamada '78,

Second Class Postage paid at Boston, Massachusetts. *The Tech* is published twice a week during the college year (except during college vacations) and once during the first week of August by *The Tech*. Offices at Room W20-483, MIT Student Center, 84 Massachusetts Ave., Cambridge, MA 02139. Please send correspondence to PO Box 29, MIT Branch, Cambridge, MA 02139. Telephone (617) 253-1541. United States Mail subscription rates: \$5.00 for one year, \$9.00 for two years. Interdepartmental: \$3.00 for one year.



by Brant Parker and Johnny Hart

### THE WIZARD OF ID



## News Analysis

## MIT files problem anticipated

(Continued from page 1)

records and information gathered in behavioral research with human subjects. But re-reading the study in the light of the provisions on the Buckley Amendment shows strikingly similarities between its procedural recommendations and the bill's provisions.

Among the recommendations in the report that anticipated provisions in the Buckley Amendment or would have eased MIT's reaction to the law are:

- A statement that "Individuals have the *prima facie* right to know what information is kept about them," and provisions for a procedure to allow challenge of false or inaccurate information. The Buckley Amendment has made all student files open for inspection by the student concerned, and forces institutions to allow students to challenge inaccurate information.

- A statement that "No personal information should be given outside MIT without the consent of the individual concerned" - a provision similar to the new MIT policy which states that students must be informed of any letters of recommendation or other information given outside the Institute about them.

- Provision for a Standing Committee on Privacy to consider privacy issues as they arise and to advise on privacy policy. Such a group, with three years of experience with privacy issues, would have been an immense aid to MIT administrators earlier this year, when there was no formal group to consider response to the Buckley Amendment.

- Provision for an MIT ombudsman (a concept discussed widely at the time for a variety of reasons, including privacy) who would act as an advocate for members of the community who wished to challenge information in their files. MIT has not yet announced any policy to deal with such challenges.

- A statement urging members of the community to destroy or cease to keep "informal records" on students that could be misused if released to third

parties. MIT has not yet formulated a policy on such records.

The report on privacy, which was the result of three years work by the ad hoc committee, was in part a reaction to the student protests of the late 1960s and early 1970s. Fear was expressed at that time that files on students' activities would prove damaging to those students at some later time, and ways of preventing misuse of such records were being considered.

Thus, the report emphasizes repeatedly that one characteristic of a university is "its function as the natural home of objective, disinterested analysis... this must involve discussions, deliberations, and theorizing on subjects that may be considered distasteful or subversive by the society at large." As a result, the report said, "the university must be particularly concerned that the views of its members, expressed in talk and debate, are reported and recorded only as the individuals themselves see fit."

But the report, with its emphasis on consciousness-raising on the issues of privacy and planning, applies well to the situation covered by the Buckley Amendment. By stressing that records should be made and saved only when a clear need can be shown for keeping them, and by emphasizing awareness of privacy issues, the report could have brought debate on privacy to a point where the Institute would have been prepared to deal with the Buckley Amendment when it was passed.

There is, of course, no way to assess what effect implementation of the report would actually have had on MIT's records policies. Policies have changed since the report was issued, especially in the Dean for Student Affairs Office, but the report apparently was not directly responsible for the changes.

Associate Dean Peter Buttner head of the Freshman Advisory Council, told *The Tech* that his office, which handles freshman files, "has had the report in the back of our minds" in moves which have cut down the

amount of confidential information on students that is being held. But the changes did not result primarily from the privacy committee's recommendations, he said.

"As I read the report, the main thrust was to cut down on the amount of information that was being held by offices," Buttner said. "We have cut down on the amount being kept in freshman files, but I think that was largely coincidental. The report was not the reason for our doing it." (Next week: *Whatever happened to the report on privacy?*)

## Nuclear safety debate fueled as UCS challenges AEC report

(Continued from page 3)

reactor loses the coolant from its core, causing the heat to rise to the point where the shield around the core are melted and the reactor "leaks" radioactive material. Fault-tree analysis considers the probability of each event necessary to cause such an accident, and then analyzes the over-all probability of these events occurring together.

The AEC claims that Rasmussen, in his study, incorporated an "event-tree" analysis with the fault-tree study. This analysis, according to Levine, takes into account a great number of human and maintenance errors which would not be considered in the fault-tree model.

"Failure-tree analysis is heavily weighted towards hardware failure," Levine said. "By using the event-tree analysis along with it, we can also take human errors into account."

Levine criticized the Union report, saying he did not think it had sufficient analysis of the problems of nuclear safety. Although he stressed that he had not seen the complete document, "the summary does not show the level of accuracy and analysis necessary on these questions," he said. "If the back-up to the summary is no better than the summary," Levine said, "then I don't think their criticism will be all that valid."

"Everyone in the field knows that you can set up the problem to get the answers you want," Levine continued. "That may have happened here."

The Union charges, however, that the Rasmussen group might be guilty of just such manipulation of its assumptions. The report, they say, "is not disinterested... It is technically flawed. And its results are being misused." The last comment was apparently in reference to the use of the report to justify expansion of the nuclear power system.

## Reactor Expansion Planned

The debate over reactor safety has come at a critical time,

## Advisory board serves as Medical Dep't link

(Continued from page 3)

"Sullivan noted. To accomplish this, the last two meetings of the board have been devoted to presentations by members of different parts of the Medical Department explaining the nature of their positions, he added.

The board is needed "to a large extent" to allow consumer groups to voice specific complaints," declared Janis L. Bestul '76, one of the two undergraduate members of the board. In addition, it will act as an "ombudsboard" for the MIT com-

munity. "If you have a complaint about the Medical Department," she continued, "it will be a good way to reach someone there, rather than writing a letter to the head of the Medical Department."

In contrast, Smullin said he expects the board to play a "passive" role. The board itself has not yet decided whether in certain circumstances, it will act as both advocate as well as spokesman, Smullin added. The job of the board, in his view, is "to transmit requests and get serious answers," he said.

## Director urges students to visit MIT applicants

be allowed to see the recommendation once he registers with MIT, as provided by the guidelines to the new files law which went into effect Nov. 19, according to Richardson. The Director added, "Obviously there are many applications out there without a warning which will arrive after Nov. 19" which would be, according to the Institute's guidelines announced two weeks ago, would be available to the student.

The basic problem, according to Richardson, is "do you do what is right or obey the law?"

since MIT "has a moral commitment to preserve people's privacy." He is considering sending letters during the summer to those whose recommendations arrived after Nov. 19 asking them to allow MIT to show the recommendations to students. "We are making a good-faith effort to deal with large numbers of people," he said.

While no decision on class size will be made until late January or early February, Richardson said, "the operating number" is 1000, which was also the target for the class of '78.


since the Federal government is now pushing for a large expansion in the reactor power capacity across the country. Currently, about 50 reactors are operating in the United States, producing about 7 per cent of the nation's electricity.

As part of "Project Independence," the energy program proposed by President Nixon in November, 1973, the government hopes to build 950 more reactors in the next 25 years. The Rasmussen report, which claims that the risks from nuclear reactor accidents are less than those from airplane and

automobile accidents, has been a major part of strategy aimed at winning support for this expansion.

The Union of Concerned Scientists has been one of the groups consistently opposing expansion of the reactor program. A number of other groups, including the powerful environmental lobby, the Sierra Club, were also invited to submit comments on the Rasmussen report to the AEC.

**KABUKI**  
Japanese Cuisine  
859 Main St.  
5 min. from MIT



5-10pm  
CLOSED MONDAYS  
Dinner from \$3.90

**SIR SPEEDY®**  
INSTANT PRINTING  
876-6098  
895 MAIN STREET  
CAMBRIDGE, MASSACHUSETTS  
COPIES WHILE YOU WATCH!

- Advertising Flyers
- Business Forms
- Newsletters
- Price Lists
- Contracts
- Programs
- Resumes
- Bulletins

**The Historic OLD VILNA SHUL**  
16 Philips St., Boston  
invites the Jewish students to our Traditional Orthodox Services.  
FRIDAY: Sundown      SABBATH: 9am

**Buddy's Sirloin Pit**  
39 Brattle St. Harvard Sq.  
(located in Cardell's Restaurant)

Sirloin Steak Dinner \$3.40 - Chopped Sirloin Dinner \$1.60

Wine by the glass \*\*\* 12oz. Pabst 45¢ - Refills 35¢

We use only USDA Inspected Western Steer Beef with no tenderizers, fillers, or coloring added (unlike the beef in some other restaurants).

Open 11:30am - 9:00pm. Closed Sunday


**Auto-torium Inc**

Owned and operated by Harvard MBA's  
American & Foreign car repairs

412 Green Street  
Cambridge  
661-1866

Behind the Central Square  
YMCA

Monday - Friday  
8am - 6pm



**New England Women's Service**

Free Counseling and Appointments  
made for pregnancy - Birth Control, Gynecology and Abortion

Free Pregnancy Tests

Open 9am - 9pm Monday - Friday; Saturday 9-5  
1033 Beacon St., Brookline, Ma. Call (617) 738-1370 or 738-1371

## NOTES

\* Official Notice: After Nov. 27, undergraduates must petition the committee on academic performance if they desire to cancel registration in a subject. Graduate students must petition the Registrar. A \$5 processing charge will be made for any changes after that date.

\* UNICEF Cards and Calendars are now on sale at the TCA office (Student Center 4th floor). Many styles are available; boxes are \$2.25 and up. They will also be on sale in the Bldg. 10 lobby, Nov. 25-27 and Dec. 2-6. For info x3-4885.

\* Anyone interested in spelling or in participating in the Institute Spelling Bee are urged to attend a pre-IAP meeting in the Bush Room (10-105), Tuesday, November 26, at 7:00pm. This is to be an informal gathering of the sponsors of the Spelling Bee, people who have previously participated in spelling bees and prospective contestants. Refreshments will be provided.

\* The admissions staff would like to encourage you to visit your high school during Thanksgiving vacation, Christmas vacation or IAP. Your teachers and counselors would be pleased to see you and to hear of your experiences since leaving high school. You may also have an opportunity to meet with friends or other students, some of whom may be applying to MIT. Your impressions of the Institute and your personal experiences

here present a far more accurate picture of MIT and college life in general than can be gleaned from any college handbook. Sharing this information with high school students who are in the process of making their own plans can be a real service, to them and to MIT. Your position as a graduate of the high school they attend makes your input particularly relevant. The member of the admissions staff who is responsible for your area of the country would be glad to talk with you about any questions you might have.

# Sports

## Rifle rolls, wins 4 of 5

The varsity rifle team continued to fire well in collegiate competition last week, dropping only one of five matches, that loss to the University of Maine kept MIT in third place in the New England Collegiate Rifle League, behind both Norwich and Maine.

MIT traveled to Bangor November 16 to fire the match with UMaine. The Engineer team shot below par after an all-night road trip, and fell to the fine Maine shooting, 2199-2152.

Team captain Jerry Dausman '76 sparked MIT's performance with a 566 score, setting an MIT team record in the half-international course of fire. Dausman's score failed to be effective against always-strong Maine, however, as several Engineer shooters fell below their averages. Trailing Dausman for MIT were sophomore Jesse Villagran at 532, senior Joe Sacco at 529,

and junior Timothy Allen at 525.

MIT's 2152 score was still sufficient, however, for a second place finish in the five-way competition that also included Providence College, Dartmouth, and the Coast Guard Academy. Those three schools fell for the second time this season to the much-improved Engineer squad.

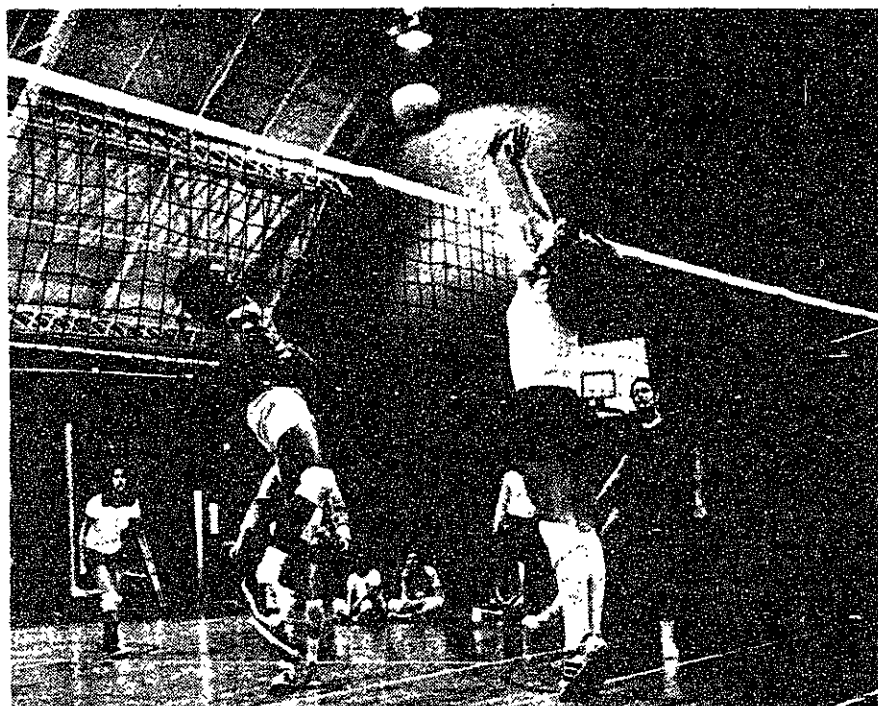
"This league still has not seen what we can shoot," stated coach Jon Moorar. "Each match we've shot has seen someone have a bad day. We simply want to get everyone together at once." The team has shown considerable depth, with every person on the varsity shooting among the top four scores in at least one match.

In a Greater Boston Rifle League match last Wednesday, MIT remained in first place, easily defeating Northeastern with a

good 1078 score. Sophomore Hal Berman shot an outstanding 280 in his second varsity meet to lead the Engineer scoring. Berman's score was followed by Villagran's 268, freshman Bob Licklider at 266, and Yolanta Geisler '76 with a 264.

MIT hosted an NECRL meet at the duPont range last Saturday, as four teams fired. MIT did not shoot in the match, but held practice in precision air rifle for members of the visiting teams. The varsity hopes to organize and host a collegiate air rifle match later this season.

The rifle team will fire a GBL match against Boston State December 4th at MIT. They then leave for a non-league, shoulder-to-shoulder match December 7th at West Point, taking on the Cadets and Lehigh University there.



Sheila Luster '78 is shown (behind net) spiking the ball for MIT's women's volleyball team. Luster's play was instrumental in the squad's third place finish in the Boston Invitational Tournament.

## V-ball closes with Boston Invitational

(Continued from page 8)

MIT was the only team in the tournament to play steady pass-set-spike volleyball instead of simply returning the ball any way possible. With a few less mistakes, the team could have gone all the way.

Aside from the players already mentioned, Karyn Altman '78, Lisa Jablonski '77, Linda Yester '76, and Kathy Roggenkamp '77 played for MIT in the tournament. Celia Berry '78 and Judy Stein '78 formed the rest of the contingent.

MIT was the only team in the tournament to play steady pass-set-spike volleyball instead of simply returning the ball any way possible. With a few less mistakes, the team could have gone all the way.

Aside from the players already mentioned, Karyn Altman '78, Lisa Jablonski '77, Linda Yester '76, and Kathy Roggenkamp '77 played for MIT in the tournament. Celia Berry '78 and Judy Stein '78 formed the rest of the contingent.

## More Im Basketball Results

<b>A1-league</b>	W-L	<b>B3-league</b>	W-L	<b>C3-league</b>	W-L
Lambda Chi Alpha	4-0	Sloan	3-0	Lambda Chi Alpha	1-1
Chemical Engineering	4-2	Theta Chi	2-1	MacGregor C	1-1
MacGregor Z	1-4	Phi Beta Epsilon B	2-1	East Campus 5W	1-1
Ashdown	0-4	Delta Psi	2-2	Alpha Epsilon Pi	1-1
		Kappa Sigma B	1-1	Club 21	0-2
<b>A3-league</b>	W-L	Phi Kappa Sigma	1-1	Delta Kappa Epsilon	0-2
Delta Tau Delta	4-1	Baker B1	1-2	<b>C4-league</b>	W-L
Sigma Alpha Epsilon	2-1	Phi Delta Theta	1-2	Sigma Alpha Epsilon C	3-0
Black Students Union	2-2	Chi Phi	0-3	Bexley	3-0
Plumbers	1-4			Phi Mu Delta	2-1
				Baker C2	2-1
<b>A2-league</b>	W-L	<b>B4-league</b>	W-L	Theta Delta Chi C2	1-2
Delta Upsilon (Ind.)	4-0	Hydros	2-0	Burton 5 Smokers 'X'	1-2
Phi Gamma Delta	4-1	Math	2-0	MacGregor 'A'	0-3
Tang	1-3	Maxwell's Demons	2-0	Russian House	0-3
Conner 3A	1-4	Economics	1-0	<b>C5-league</b>	W-L
		Senior House/East Cam.	1-0	Zeta Beta Tau C2	3-0
<b>A4-league</b>	W-L	Tang B	0-2	Sloan	3-0
The Macks	4-0	MacGregor I	0-2	MacGregor H Turkeys	2-1
Baker 'A'	3-1	East Campus Yarboroughs	0-2	Theta Xi 'A'	2-1
Little Green Men	2-3	Blos	0-2	Theta Delta Chi C1	1-2
Burton 5 Smokers	1-4			MacGregor 'D'	1-2
				Conner 3 Puds	0-3
<b>B1-league</b>	W-L	<b>C1-league</b>	W-L	Kappa Sigma 'C'	0-3
Sigma Phi Epsilon	3-0	Hillel	2-0	<b>C6-league</b>	W-L
Burton 1+	2-0	Sigma Phi Epsilon	2-0	Alpha Tau Omega	3-0
Pi Lambda Phi 'A'	2-0	East Campus 4W/Chem.	2-0	Burton 5 Smokers 'Y'	2-1
Baker B2	2-1	Burton H Tooley	1-1	Delta Tau Delta 'C'	2-1
Theta Delta Chi	1-1	569	1-1	Pi Lambda Phi 'B'	2-1
Lacrosse	1-2	East Campus 2W	0-2	Phi Gamma Delta 'C'	2-1
Nuclear Engineering	1-2	Phi Beta Epsilon	0-2	NRSA	1-2
Oper. Research Center	0-3	Theta Xi	0-2	MacGregor 'F'	0-3
Delta Upsilon B	0-3			Baker 'C3'	0-3
				<b>C7-league</b>	W-L
<b>B2-league</b>	W-L	<b>C2-league</b>	W-L	MacGregor 'G'	3-0
Phi Gamma Delta	3-0	Sigma Chi	3-0	Spanish Inquisition	3-0
East Campus 2E	3-0	MacGregor C22	3-0	Pi Kappa Alpha	2-1
Constr. Facil. Div.	2-0	Zeta Beta Tau C1	2-1	Epsilon Theta	2-1
Jack Florey I	2-1	Fenway House	1-2	Electricians	1-2
Alpha Epsilon Pi	1-1	Senior House	1-2	Theory of Computation	1-2
Beta Theta Pi	1-2	Black Students Union C	1-2	Jack Florey II	0-3
Sigma Alpha Epsilon B	0-2	Conner	1-2	Phi Delta Theta 'C'	0-3
Baker B3	0-3	Tau Epsilon Phi	0-3		
Phi Sigma Kappa	0-3				

## Class of '76 Ring orders

will be taken

Tuesday, November 26

Building 10 lobby

Previous ring orders will be delivered

### Going Camping?

Save on:

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

**Central War Surplus**  
433 Mass. Ave.  
Central Square  
Cambridge

## Take A Tech Break

Planning your  
Christmas Party?  
Call us!

**Tech Square House**

545 Main Street  
864-8194

## the Boston Symphony Chamber Players

Principals of the  
Boston Symphony Orchestra  
Gilbert Kalish, guest pianist

**Sanders Theatre**  
Series Sunday, December 1  
at 4pm

Bruch: Three Pieces for viola,  
clarinet & piano  
Harrison: Serenade for 6 instruments  
Webern: Concerto for 9 instruments

Brahms: Piano Trio no. 2 in C

Tickets: \$2, \$3, \$4  
Available at Symphony Hall (266-1492); the Out  
of Town Ticket Agency in Harvard Square  
(492-1900); and at Sanders Theatre in Cambridge  
the day of the concert.



# Sports

## 24-hour relay planned

Can Rockwell Cage support life for 24 hours? An empirical test will be conducted the Thanksgiving vacation when ten members of the MIT cross country team attempt to run a 24-hour relay in Rockwell Cage.

The relay will begin at 12:00 noon Friday and finish up Saturday at the same time. Each participant will run one mile, handing off a baton to the next person in a predetermined order. The process will be repeated for the duration of the event.

The world record for 24 hour runs is 293 miles, set at the US Olympic Camp in 1972. The MIT team hopes to break the Massachusetts state record of 259 miles held by a squad from Williams College. To do this, the runners must average 5:32 per mile.

### Summary of Events

Broad Jump: 1-Paul Kuzmenko (MIT); 2-Myers (LTI); 3-Wilkes (MIT); 20.7"

Triple Jump: 1-Mike Ryan (MIT); 2-Kuzmenko (MIT); 3-Lane (LTI); 41'1-3/4"

Pole Vault: 1-Joe Antkowiak (LTI); 2-Williams (MIT); 3-Hyland (MIT); 13'0"

Shot Put 1-Greg Hunter (MIT); 2-Stopyra (LTI); 3-Bunke (MIT); 45'5"

35lb. Weight Throw: 1-Bill Has-

kell (LTI); 2-Lunderg (MIT); 3-Stopyra (LTI); 51'5"

High Hump: 1-Dave Goosens (LTI); 2-Von Bokkelen (MIT); 6'3"

High Hurdles: 1-Richard Okine (MIT); 2-Hunter (MIT); 3-Badiali (LTI); 6.0

50 Yd. Dash: 1-Harry Riley (LTI); 2-Okine (MIT); 30Wilkes (MIT); 5.7

600 Yd. Run: 1-George Braun (MIT); 2-Banks (MIT);

3-Cushing (LTI); 1:19.2

1000 Yd. Run: 1-Joh Dillon (MIT); 2-Paulak (LTI);

3-McDougall (MIT); 2:26.3

One Mile Run: 1-Jeff Baerman (MIT); 2-Kaste (MIT); 3-Or-

lando (LTI); 4:36.7

Two Mile Run: 1-Courtney McCracken (MIT); 2-Connicle (LTI); 3-Phillips (LTI);

10:08.6

Mile Relay: 1-MIT; 3:47.2

Two Mile Relay: 1-LTI; 8:40.8

## Acadia defeated, 85-84

(Continued from page 8) was due in part to hot outside shooting by Lange, Epstein, and Kenny Armstead '75, and also to the Engineers' ability to move well without the ball, setting up numerous picks designed to free MIT players under the basket for easy lay-ups. Although the score indicates that the game was evenly played, for the first twenty-five minutes it appeared that the Engineers might have an easy win. MIT led by six at the half, 43-37, after a fairly even first period, but began to hit almost everything from the outside, effectively negating Acadia's defensive efforts, and pulling to a 57-43 lead with 14:30 left.

On Acadia's next possession, though, Jackson picked up his fourth foul and was taken out of the game. Jackson's effect on the game was shown mostly by his absence, as the Engineers missed his rebounding and ability to intimidate Acadia players driving inside. Acadia took advantage of the situation, closing to 65-59 with nine minutes left before Jackson returned. The Engineers had difficulty re-

organizing upon Jackson's re-entry, though, and Acadia ran off seven straight points to take a 66-65 lead with 8:14 left.

While last year this kind of burst would probably have resulted in MIT folding and throwing the game away, this year's squad remained poised and quickly got back on top on a Lange jumper, and never again relinquished its lead. Acadia kept pressing MIT, though, closing to within one point four times, but were held off by the determined Engineers. MIT was helped in part by a number of careless Acadia turnovers late in the game, including an offensive goaltending call with 50 seconds left and the score 83-80. Free throws by Gerry Adolph '75 and Lange iced the victory as Acadia scored twice to cut the margin to 84-82 and 85-84 at the buzzer. This Saturday night MIT faces a difficult challenge by Howard University. Last year the Engineers dropped a 99-66 decision at Howard, but may be facing an even stronger opponent this time around. Although the Engineers appear outmatched in this game, it should be interesting to see

## Tucker leads MIT to 6th in Atlantics

By Lila M. Kobylak

Chuck Tucker '75, placing second in B-division competition, paced MIT's varsity sailors to an overall sixth place finish in this year's Atlantic Coast Championship Regatta.

This was the last major regatta of the fall and featured the top six schools from both the Mid-Atlantic and New England sections of the Intercollegiate Sailing Association. MIT was invited to participate on the basis of its performance in the Scheel Trophy Regatta, the qualifier for the New England section.

Sailed at the Naval Academy on the weekend of November 16, the regatta utilized sloop-rigged boats known as 420's.

Participating for the Engineers in A-division as skipper was Paul Erb '76 with crews Bill Critch '77 and Steve Gourley '77. Chuck Johnson '76 crewed for Tucker in MIT's B-division entry.

Listed below are the final scores:

School	A	B	T
Tufts	38	71	108
Kings Point	81	47	128
Harvard	73	64	137
NY Maritime	70	70	140
URI	52	91	143
MIT	95	53	148
Penn	66	89	155
Navy	75	87	162
Northeastern	88	75	163
Maryland	91	73	164
Princeton	81	123	204
Bowdoin	115	93	208

how they will fare against a team of Howard's caliber, especially after their surprising win Sunday night. Game time is 8:15 for the contest.

# The Tech



Keep up with what's going on at MIT

Have The Tech mailed to your home

Great for parents

The Tech, P.O. Box 29, MIT Branch P.O., Cambridge, MA 02139

U.S. Mail Rates: \_\_\_\_\_ 1 Year: \$5 \_\_\_\_\_ 2 Years: \$9

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_

STATE \_\_\_\_\_

ZIP \_\_\_\_\_

### Sporting Notices

The indoor track team is seeking interested and enthusiastic individuals (male or female) to help time events at practice and during meets. If you'd like to volunteer, contact Coach Kelly at x3-4919 in W32-127.

# Sell your bed. Pawn your roommate.



Cash in your deposit bottles. Maybe even get a second job. But whatever you do, run to your nearest Technics dealer. Because right now he's

putting together exciting component packages built around 3 outstanding Technics receivers.

The SA-5400X. A 4-channel receiver with a matrix decoder. Inputs for a CD-4 demodulator. And a

switch for 4-amplifier power in stereo. Then there's the SA-8000X. With a built-in CD-4 demodulator. It can handle any 4-channel system with ease. Or the SA-7300X. It does everything the SA-8000X does, but adds the convenience of automatic CD-4 separation and carrier level controls.

So go see your Technics dealer. He'll show you why a Technics receiver should be the heart of your component system. And good music is a lot more important than a good night's sleep.

# Technics

by Panasonic

# Sports

# Women's volleyball third in tournament

## Basketball wins opener

By Glenn Brownstein

In one of the most exciting MIT basketball games in recent years, the Engineers opened up their 1974-1975 season with an 85-84 win over Acadia at Rockwell Cage. Acadia, coming off successive losses to BU and Harvard Friday and Saturday nights, appeared determined to pick up one win on its Boston trip, but the Engineers thwarted the Axemen's hopes Sunday night with excellent outside shooting and strong defense. Cam Lange '76 had a hot night for MIT,

shooting 13 for 22 from the floor (all outside shots) and scoring 34 points. Peter Jackson '76 appeared to have lost none of his playing ability despite his off-season knee operation, picking up 20 points and 11 rebounds. Captain Al Epstein '75 added 12 points and nine assists for the Engineers. The Engineers played probably their most cohesive game in the past two years, as MIT's defense, although giving up 84 points, remained tight and allowed Acadia very few good shots.

Those inside shots the Axemen got were off the offensive boards, as the Engineers had some difficulty boxing out the taller Axemen, who outrebounded MIT offensively, 30-15. Yet overall it was a very strong performance by an Engineer defense that last year often appeared loose and disorganized.

Offensively, MIT shot 51% from the floor and 68% from the foul line. The high floor percentage (Please turn to page 7)

By Thea Willecke

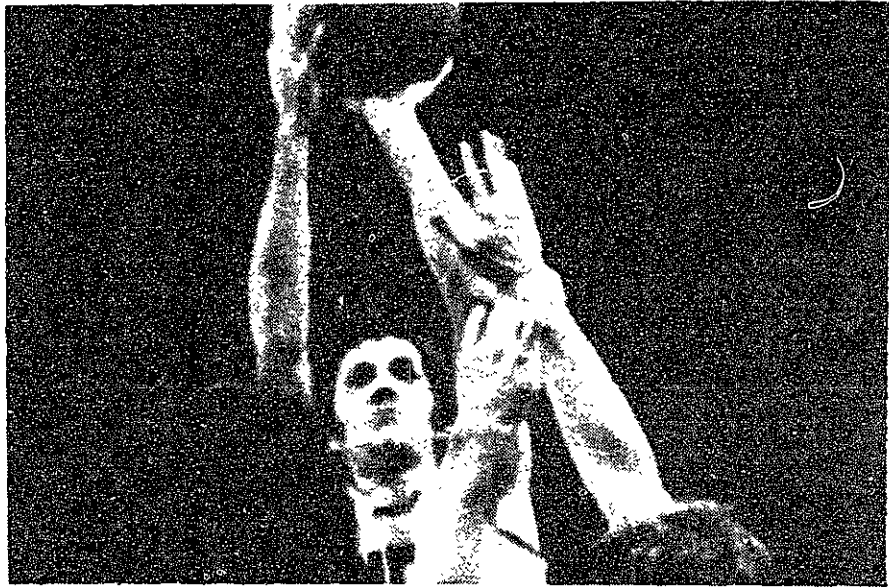
After finishing the regular season with a 6-0 record, the MIT women's intercollegiate volleyball team ended its 1974 play by participating in the Boston Area Invitational Women's Volleyball Tournament on November 23. In only its first year of existence, the team managed to take third place in this event.

Besides MIT, other schools invited to play in the tournament were Boston College, Regis, Salem State, Boston University, Northeastern, Boston State, and Eastern Nazarene. MIT had previously beaten two of

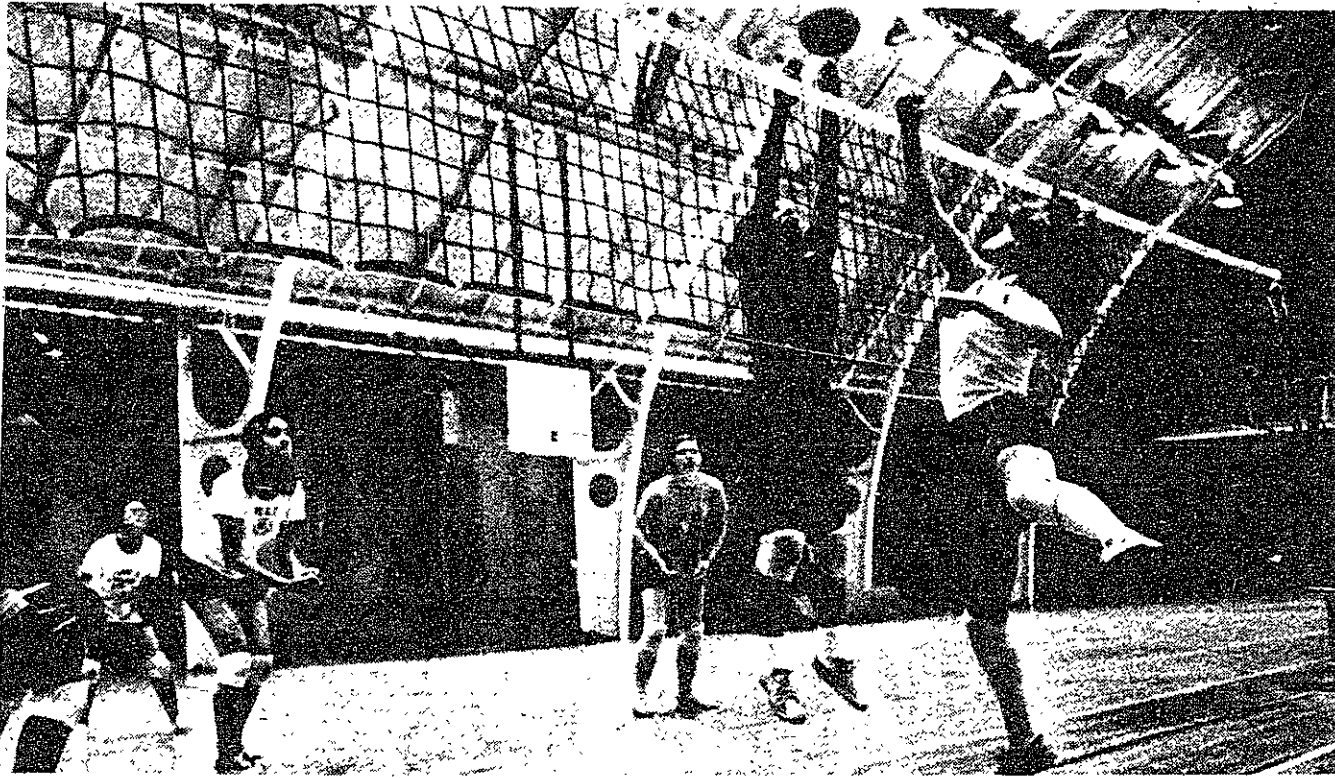
these colleges, BC and Salem State.

In the first round of the single-elimination tournament, MIT faced Salem State. After a nervous start, MIT regained its composure to easily win in two straight games, 15-8 and 15-5. The ace serving of Kathy Mensler '77, and Sue Copper-Smith '78, and Sheila Luster's ('78) awesome spiking were especially influential in this match.

Having survived the quarter-finals, MIT next faced Eastern Nazarene, its most outstanding (Please turn to page 6)



Engineer forward Cam Lange '76 puts up a jumper against Acadia in Sunday night's game. Lange, who led MIT in scoring last year, got off to a fine start Sunday, tallying 34 points to lead all scorers in MIT's 85-84 win.



## Macks, LCA, & DU are all 4-0

As the third week of intramural basketball drew to a close, only Lambda Chi Alpha, Delta Upsilon, and The Macks remained undefeated in 'A' league competition. All three teams sport perfect 4-0 records.

The Macks have established themselves as the team to beat after thrashing the Little Green Men, 62-35, and having a relatively easy time against defending champion Phi Gamma Delta 40-26. Terry Freeman G scored in double figures in both games for the Macks. Lenny Nethersole '77 poured in 12 against FIJI, and Fred Thompson '76 had the hot hand with 16 in the other victory.

Delta Upsilon held off a pesky Baker House team for an exciting 34-32 decision 10 round out the other action of the unbeaten.

Delta Tau Delta won its fourth in a row, blitzing MacGregor 'Z' 63-30 and Chemical Engineering 46-23. Paul Rober-shotte '76 paced the Deltas with 24 points total for the two games. The Black Student Union upset Sigma Alpha Epsilon, 35-28, to move the Deltas into first place in A2-league.

In other action, FIJI won two of three to up its record to 4-1 by edging the Burton 4 Smokers, 60-54, in two overtimes, crushing the Little Green Men, 55-40,

and losing to the Macks. Jim Kirschner '75 was in double figures in all three games for the FIJIS.

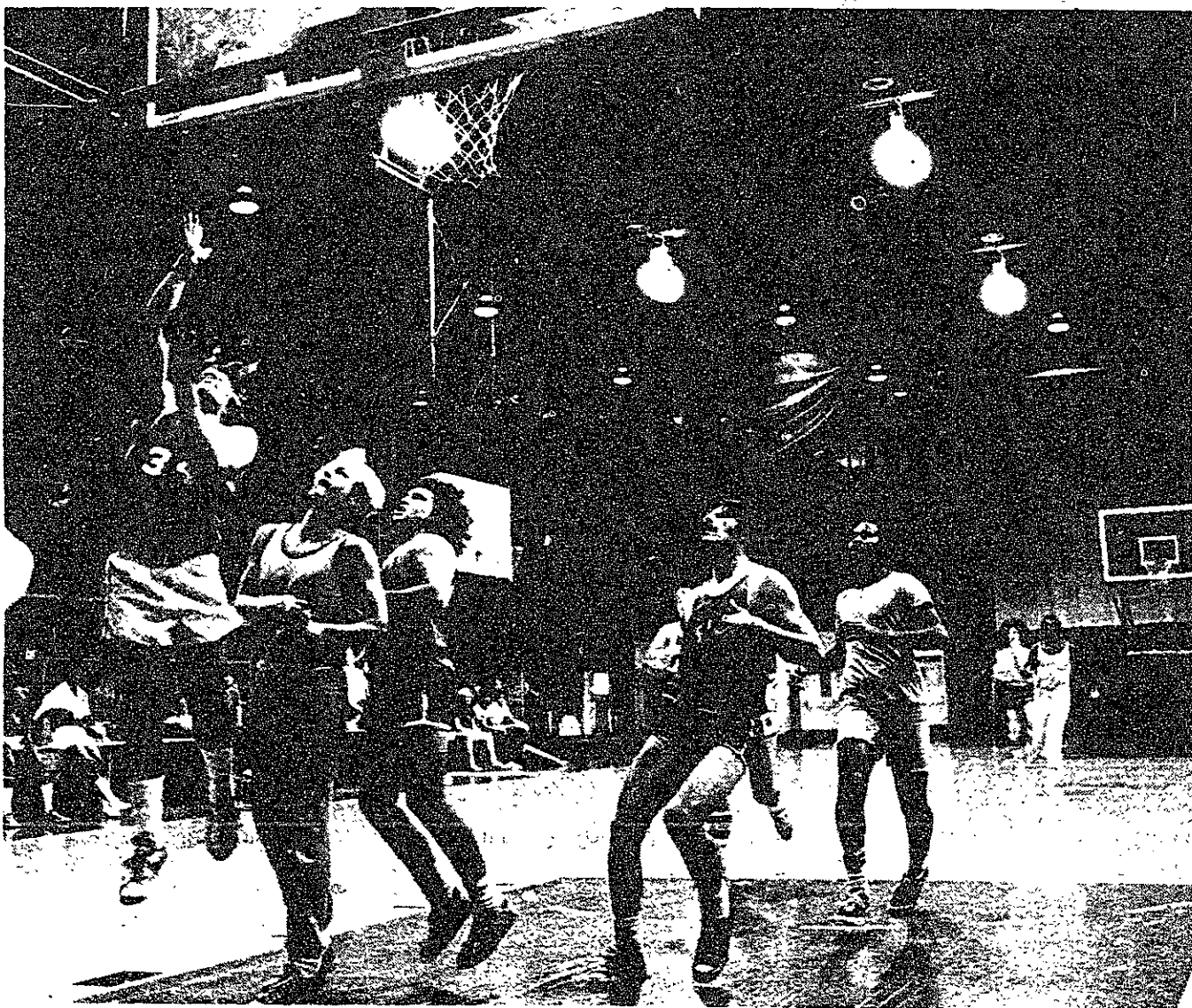
This week's play includes DTD vs. LCA and The Macks vs. DU.

Following are the leading A-league scorers:

Name, Team	Avg.
Christiansen, Tang 'A'	15.00
McHale Conner 3 'A'	14.60
Abkowitz, LCA	14.25
Jones, Baker 'A'	13.70
Samuels, Plumbers	13.00
Bookbinder, Burton 5	12.50
Woerner, Chemical Eng.	12.50
Gertz, Tang 'A'	12.00
Freeman, The Macks	11.75

## IM Basketball Results

A-Leagues			
Burton 5 Smokers	33	Conner 3 'A'	19
BSU	35	Sigma Alpha Epsilon	28
The Macks	62	Little Green Men	35
Delta Upsilon	34	Baker	32
Delta Tau Delta	46	Chemical Engineering	23
Plumbers	49	MacGregor 'Z'	32
Phi Gamma Delta	60	Burton 5 Smokers (20T)	54
Little Green Men	39	Tang 'A'	33
Baker 'A'	51	Conner 3 'A'	46
The Macks	40	Phi Gamma Delta	26
Chemical Engineering	51	Plumbers	40
Delta Tau Delta	63	MacGregor 'Z'	30
Phi Gamma Delta	55	Little Green Men	40
B-leagues			
Hydros	25	Tang 'B'	20
Math	41	MacGregor I	24
Maxwell's Demons	39	East Campus Yarbroughs	28
Senior House/East Campus	1	BLOS (forfeit)	0
Phi Kappa Sigma	34	Phi Delta Theta	32
Sloan	46	Baker 'B1'	22
Theta Chi	31	Delta Psi	28
Theta Delta Chi	24	Delta Upsilon 'B'	13
Sigma Phi Epsilon	41	Lacrosse	29
Baker 'B2'	40	Operations Research Center	26
Pi Lambda Phi 'A'	24	Nuclear Engineering	23
Phi Gamma Delta	27	Alpha Epsilon Pi	20
East Campus 2E	20	Beta Theta Pi	12
Jack Florey I	60	Baker 'B3'	14
Constr. Facil. Div.	60	Phi Sigma Kappa	12
Phi Delta Theta	33	Chi Phi	23
Phi Beta Epsilon	34	Phi Kappa Sigma	24
C-leagues			
Burton 5 Smokers 'Y'	39	Delta Tau Delta 'C'	21
Conner 3 Rockets	52	Club 21	14
MacGregor C	56	Delta Kappa Epsilon	24
MacGregor J	32	East Campus 5W	24
Alpha Epsilon Pi 'C'	22	Lambda Chi Alpha	21
Zeta Beta Tau 'C2'	30	MacGregor H Turkeys	29
Theta Delta Chi 'C1'	23	Conner 3 Puds	13
Sloan	25	Kappa Sigma	18
Theta Xi	52	MacGregor D	24
MacGregor G	20	Pi Kappa Alpha	19
Electricians	14	Jack Florey II	8
Spanish Inquisition	49	Theory of Computation (OT)	44
Epsilon Theta	36	Phi Delta Theta 'C'	18
Sigma Chi	34	Fenway House	27
Senior House	40	Tau Epsilon Phi	25
MacGregor G22	36	Zeta Beta Tau 'C1'	20
BSU 'C'	27	Conner	12
Phi Gamma Delta	1	MacGregor F (forfeit)	0
Alpha Tau Omega	36	Pi Lambda Phi	10
NRSA	31	Baker 'C3'	10
Hillel	27	Theta Xi	14
Baker 'C2'	25	MacGregor A	18
Bexley	49	Theta Delta Chi 'C1'	3
Phi Mu Delta	48	Russian House	14
Sigma Alpha Epsilon 'C'	43	Burton 5 Smokers 'X'	18
Burton H. Tooy	26	East Campus 2W	9
Sigma Phi Epsilon 'B'	22	Phi Beta Epsilon 'C'	10
East Campus 4W/Chemistry	24	569	13



The action above is from last week's showdown between two undefeated A-league teams, The Macks and defending champion FIJI, in which The Macks established itself as the team to beat this year with a 40-26 win.