Search delayed for OME head

By Amy Gartner

The search for a new Office of Minority Education (OME) director has been postponed, according to Associate Provost and acting OME director Frank E. Perkins '53.

The OME has not had a director since Aug. 24, when Perkins announced. Dr. William McLaury, Perkins promised in September that by October he would appoint a search committee to find a new director.

It has become necessary, Perkins said, to clarify and rethink the functions and future of OME before the search can begin.

Among the issues Perkins feels must be discussed are the OME's functions as an academic support service versus its place as a community affairs office and the OME's commitment to MIT students versus its commitment to high school minority programs.

Perkins' current concern is to "find a new director, to help with the search process."

An ad hoc committee of representatives from the administration, the faculty, and student minority groups has "taken the initiative and is working informally to discuss these issues."

Rush, quality of gay student life discussed

By Mathews M. Cherian

Recent events at the Delta Kappa Epsilon (DKE) house, according to Dean of Student Affairs Professor James McRee, "have raised the question of the quality of life for MIT's gay community with students and concerned students."

This week, the group joined the list of four organized by the Dean's Office to explore student concerns of campus life in preparation for the Corporation Visiting Committee on Student Affairs review of the ODEA in February. The Dean's Office invited leaders of independent living groups, dormitories, gay groups, and religious groups for the open discussion.

Over 40 students attended the meeting.

The first discussion centered on undergraduates' living conditions. Students voiced concerns about the living group selection process.

One freshman said, "It was very difficult to choose where I wanted to live for the next four years." One week "is too short a time" for the seniors to be asked, a sophomore minority student said, adding that he was "disenchanted," with Residence/Orientation week because it forced everyone to "take for three days."

Students suggested that freshmen spend more time in the freshman center at the Institute housing to allow them to get a better feel for the different houses before they were limited such usage, we will not allow the more expensive times of the day. If our users voluntarily limit such usage, we will not have to impose arbitrary restrictions."

Bruce added. He agreed that the fiscal problems will be permanent.

"SIPB has been spending unbelievable amounts of money... at a furious rate," Rochlis added. He said he doubted, however, that the fiscal problems will be permanent.

"If we continue to spend money at the rate we have been," the notice warned, "we may have to limit access to the computer during the more expensive times of the day... If you users voluntarily limit such usage, we will not have to impose arbitrary restrictions."

Rochlis said the notice was entered on the system by Pat Jenkins '85, vice chairman of SIPB. The notice was changed to "to discourage people from using the prime time," Rochlis added. "I was not thrilled about [the message]... but I would not be tremendously concerned by it."

"Budgetary decisions [for student computing] were made on the basis that all undergraduates who wanted Athena access this year would get it," Bruce added. "This was clearly unrealistic."

"I believe that there are several options that do not drop off the computational resources the student are depending upon," Bruce added. He agreed that there will be a decrease in de-

SIPB short on money; mismanagement cited

By Craig Jungwirth

The Student Information Processing Board (SIPB) is "concerned that it is going to run out of money before the end of the term," according to Chairman Jon Rochlis '85.

Toward the middle of both fiscal years 1983 and 1984, the Institute appropriated additional funds for SIPB, Professor James D. Bruce SM '50, director of Information Systems (IS), said. In fiscal year 1983, SIPB has been spending assuming that there would be an increase [in their budget].

SIPB has been "spending unbelievable amounts of money... at a furious rate," Rochlis added. He said he doubted, however, that the fiscal problems will be permanent.

A notice dated Oct. 26 and posted last month on MULTICS stated, "The SIPB's budget is getting tight.

"If we continue to spend money at the rate we have been," the notice warned, "we may have to..."
Election decided on images

The election may be the final rejection of the New Deal Demo-
cratic politics of the Eisenhower era.

Reagan's best hope for leaving his conservative stamp on the
country lies with the Supreme Court.

The conservative Republicans' ideology will face its most serious
challenge in the coming election.

Reagan's promise, suffering a re-
duction in its voter base, may have as heavy a workload as ev-
ery other issue.

If Reagan's expectations for
the economy are not fulfilled, Democrats in both houses can sit back and wait for a Republican landslide in 1986.

Reagan's best hope for leaving his conservative stamp on the
country lies with the Supreme Court.

The conservative Republicans' ideology will face its most serious
challenge in the coming election.

Reagan's promise, suffering a re-
duction in its voter base, may have as heavy a workload as ev-
ery other issue.

If Reagan's expectations for
the economy are not fulfilled, Democrats in both houses can sit back and wait for a Republican landslide in 1986.

Reagan's best hope for leaving his conservative stamp on the
country lies with the Supreme Court.

The conservative Republicans' ideology will face its most serious
challenge in the coming election.

Reagan's promise, suffering a re-
duction in its voter base, may have as heavy a workload as ev-
ery other issue.

If Reagan's expectations for
the economy are not fulfilled, Democrats in both houses can sit back and wait for a Republican landslide in 1986.

Reagan's best hope for leaving his conservative stamp on the
country lies with the Supreme Court.

The conservative Republicans' ideology will face its most serious
challenge in the coming election.

Reagan's promise, suffering a re-
duction in its voter base, may have as heavy a workload as ev-
ery other issue.

If Reagan's expectations for
the economy are not fulfilled, Democrats in both houses can sit back and wait for a Republican landslide in 1986.

Reagan's best hope for leaving his conservative stamp on the
country lies with the Supreme Court.

The conservative Republicans' ideology will face its most serious
challenge in the coming election.

Reagan's promise, suffering a re-
duction in its voter base, may have as heavy a workload as ev-
ery other issue.

If Reagan's expectations for
the economy are not fulfilled, Democrats in both houses can sit back and wait for a Republican landslide in 1986.

Reagan's best hope for leaving his conservative stamp on the
country lies with the Supreme Court.

The conservative Republicans' ideology will face its most serious
challenge in the coming election.

Reagan's promise, suffering a re-
duction in its voter base, may have as heavy a workload as ev-
ery other issue.

If Reagan's expectations for
the economy are not fulfilled, Democrats in both houses can sit back and wait for a Republican landslide in 1986.

Reagan's best hope for leaving his conservative stamp on the
country lies with the Supreme Court.

The conservative Republicans' ideology will face its most serious
challenge in the coming election.

Reagan's promise, suffering a re-
duction in its voter base, may have as heavy a workload as ev-
ery other issue.

If Reagan's expectations for
the economy are not fulfilled, Democrats in both houses can sit back and wait for a Republican landslide in 1986.

Reagan's best hope for leaving his conservative stamp on the
country lies with the Supreme Court.

The conservative Republicans' ideology will face its most serious
challenge in the coming election.

Reagan's promise, suffering a re-
duction in its voter base, may have as heavy a workload as ev-
ery other issue.

If Reagan's expectations for
the economy are not fulfilled, Democrats in both houses can sit back and wait for a Republican landslide in 1986.

Reagan's best hope for leaving his conservative stamp on the
country lies with the Supreme Court.

The conservative Republicans' ideology will face its most serious
challenge in the coming election.

Reagan's promise, suffering a re-
duction in its voter base, may have as heavy a workload as ev-
ery other issue.

If Reagan's expectations for
the economy are not fulfilled, Democrats in both houses can sit back and wait for a Republican landslide in 1986.

Reagan's best hope for leaving his conservative stamp on the
country lies with the Supreme Court.

The conservative Republicans' ideology will face its most serious
challenge in the coming election.

Reagan's promise, suffering a re-
duction in its voter base, may have as heavy a workload as ev-
ery other issue.

If Reagan's expectations for
the economy are not fulfilled, Democrats in both houses can sit back and wait for a Republican landslide in 1986.

Reagan's best hope for leaving his conservative stamp on the
country lies with the Supreme Court.

The conservative Republicans' ideology will face its most serious
challenge in the coming election.

Reagan's promise, suffering a re-
duction in its voter base, may have as heavy a workload as ev-
ery other issue.

If Reagan's expectations for
the economy are not fulfilled, Democrats in both houses can sit back and wait for a Republican landslide in 1986.

Reagan's best hope for leaving his conservative stamp on the
country lies with the Supreme Court.

The conservative Republicans' ideology will face its most serious
challenge in the coming election.

Reagan's promise, suffering a re-
duction in its voter base, may have as heavy a workload as ev-
ery other issue.

If Reagan's expectations for
the economy are not fulfilled, Democrats in both houses can sit back and wait for a Republican landslide in 1986.

Reagan's best hope for leaving his conservative stamp on the
country lies with the Supreme Court.

The conservative Republicans' ideology will face its most serious
challenge in the coming election.

Reagan's promise, suffering a re-
duction in its voter base, may have as heavy a workload as ev-
ery other issue.
World

Nicaragua denies Soviet fighters arrival — The leftist Sandinista government denied Wednesday that it was about to receive Soviet Mig-21 jets, or any other Soviet high-performance fighters. Foreign Minister Miguel d’Escoto Brokman said a Soviet (fighter) aircraft arrived earlier that morning and was unloading cargo there, but that it contained nothing which would endanger the peace of nearby nations. The United States had warned Moscow on Tuesday that it would not tolerate the delivery of such planes.

Nation

Mondale takes a bow — Walter Mondale said in a quiet news conference Wednesday that he would end his political career and return to Washington to work as a lawyer. “I think just as you have to know when to get into politics in terms of elective office, it takes strength to know when it’s time to do something else,” he said. He acknowledged that his proposal to reduce the Federal budget deficit with a tax increase had been politically unwise, and that he failed to present a coherent message during the campaign. “From the very beginning of my campaign I seemed to have trouble convincing young Americans that I had that vision of the future that I believe I had,” he said.

Bell resigns from Cabinet — Education Secretary Terrell H. Bell has decided to resign the post he took in 1981, with a mandate calling for the abolishment of his department within a year. The resignation makes Bell the first member of the Reagan Cabinet to decline serving a second term. Bell will depart his post on Dec. 31 and is expected to become a professor at the University of Utah.

Garn to become first flying public official — The National Aeronautics and Space Administration confirmed Wednesday that Republican Sen. Jake Garn of Utah accepted an invitation to become the first public official to fly in a space shuttle. Garn is chairman of a subcommittee which oversees space agency budgets. A specific flight has not yet been scheduled, but there were indications that it could be as early as May, 1985.

Local

Solano defeated in state race — Republican Joseph H. Solano ‘85 lost his bid for state representative in Boston’s Eighth Suffolk District to incumbent Thomas J. Valley. Solano, who is in the Department of Aeronautical and Astronautical Engineering, polled 3688 votes in Tuesday’s election, while Democrat Valley garnered 8339.

Sports

Celtics sink Clippers 136-108 — It was a death in the Garden. Cries of “Beat LA,” a chant normally saved for Magic and Co., thundered down upon the Clippers, who recently moved to Los Angeles. To make matters worse, the Clippers faced the Boston Celtics without the duties of their center, the forever ailing Bill Walton. Result: a lop-sided 135-108 win for the Gang Green. “Everything we did just happened to be the right move,” said guard Dennis Johnson. The Celtics shot 57 percent and outrebounded the visitors by 12.

People

I Was a Teenage Judge — Voters in Belen, New Mexico, ignored the age question when they elected 18-year-old Matt Otero as Valencia County probate judge. “I plan to get a law degree and keep on in politics — become governor of New Mexico,” Otero said candidly. His opponent was the venerable Feliche Padilla, who is 75 years old.

Weather

Clouds take sunshine out of weekend — Today should see a mixture of clouds and sunshine, with highs 42-46. Saturday should be mild with variable cloudiness. Although showers are possible Saturday night, it should remain mostly dry throughout the weekend.

Ellen L. Spryo
Thomas T. Huang
Diana ion-Aaron

FRIDAY, NOVEMBER 9, 1984 The Tech PAGE 3

A healthy start in life is a gift only you can give your baby. If you're pregnant, visit your doctor or clinic early and often.

For more information, contact:

March of Dimes


diana ben-Aaron
Ellen L. Spryo
Thomas T. Huang
Diana ion-Aaron

MORGAN STANLEY

will host an informal reception to discuss 2-year job opportunities for 1985 graduates as

Financial Analysts in Investment Banking

Wednesday, November 14, 1984 at 7:00 p.m.
Building 4, Room 153

LEVI’S CORDS

OUR REGULAR $20 BASIC LEVI’S CORDS NOW 15.99

You know a good deal when you see one, but this happens to be a great deal. Levi’s Cords transcends fashion —they’re a contemporary classic tailored for “red” bodies with an active lifestyle. And each durable pair is woven of 75% cotton/25% polyester for minimal care. Choose from Navy, Grey, Tan, Black, Brown or Charcoal in waist sizes 28 to 38, leg sizes 28 to 36. Available at M.I.T. Student Center Coop, Chang, Metastore, Vio and American Express welcome.

LEVI’S

QUALITY NEVER GOES OUT OF STYLE

LEVI’S CORDS

THE COOP

and American Express welcome.

HARVARD

COOPERATIVE

SOCIETY
Column/Will Doherty

Discrimination can be subtle

Last in a three-part series

The other type of discrimination present at MIT which I will discuss is informal discrimination, a more personal sort of discrimination against lesbians and gays. This discrimination occurs on a one-to-one, or small group level, but accumulates over the entire MIT population to constitute a community problem.

Student-student conflicts occur in the classrooms, the bathrooms, the corridors, and the living groups. Although the housing policy does not permit harassment, dormitory and fraternity residents often harass members of their living group because of their sexual orientation.

Some lesbian and gay students end up living with groups they have no choice in joining, because they are too busy with school, or because they are involved in a relationship. This type of discrimination occurs most often encountered by lesbians and gays. An old friend or a new acquaintance, upon finding out that you are lesbian or gay, may suddenly decide not to call you up any more, or to use problem sets like you used to. Although this discrimination is more subtle, it may be even more painful than outright discrimination.

You cannot be certain about this type of discrimination. You can never be sure if the friend or acquaintance has simply decided that you are too busy with school, and that they don't like your latest haircut. Or that they really can't stand you.

Student-student discrimination is not the only type of personal discrimination which occurs at MIT. Faculty members and administrators also discriminate, just as the rest of the society does, and this discrimination, when directed at students or at professional colleagues, is, in one sense, more serious than discrimination among peers, for the professor or the administrator of the ROTC program, military recruitment, or security clearance may have the power to end a student's education. Not many people realize that the potential for sexual harassment among homosexual faculty, administrators, and students exists, just as the potential for heterosexual sex-related harassment does.

Whether or not one believes that the ROTC program, military recruitment, intelligence agency recruitment, or security clearance requirements should continue to exist at MIT and related institutions, the mandate for equal opportunity regardless of sexual orientation should require MIT to enforce existing policy prohibiting discrimination on the basis of sexual orientation. In the extreme case, MIT may have to end its association with the offending party.

The problem of informal, and more personal, discrimination is long-term. Prejudice against lesbians and gays, just like prejudice against women and blacks, requires time and the influx of new generations to die down.

And although the MIT community has taken significant steps over the last two decades to demonstrate concern and to significantly improve the situation within the MIT community, MIT has yet to rid itself of discrimination against lesbians and gays.
Column/Robert E. Malchum

Multiple choice leadership

Welcome to the Reagan Aptitude Test. You have had four years to study the workings of presidential politics for this exam. Try to answer questions quickly and without thinking. Do not worry about mistakes; your press secretary can clarify them tomorrow. If more than one answer to a question is right, pick the one farthest right. You will have one hour to finish and three hours to stop afterward.

Choose the best analogy:
   b. Edwin Meese: Attorneys General  
   c. Kenneth Adelman: Arms Controllers  
   d. Ronald Reagan: Consciousness
2. Grenada: Nicaragua as a. Everywhere Else: Minnesota and D.C.  
   b. Nicaragua: Vietnam  
   c. Nicaragua: Philippine Islands  
   d. Last Year: Next Wednesday
3. Family Values: Divorce Presidents as a. Right to Life: Death Penalty  
   b. Constitutively Mandated Balanced Budget: Record Debts
   b. Covert War: Vietnamization  
   c. Manifest Destiny  
   d. Trickle Down
5. Trickle Down as a. The Social Security check is in the mail  
   b. We won’t come into your country  
   c. Some of my best friends are  
   d. George Bush

Pick the word or phrase that means most nearly the same thing:
6. Peace Through Strength as a. Monroe Doctrine  
   b. Big Stick  
   c. Modified Destiny  
   d. My Daddy’sStronger Than Yours

Solve for n in the following equation:
7. \[7n + 250 + 3x + \frac{1+y}{n} + \frac{1,000,000,000z}{n} = 0\]  
   where \(v\) = age in years, \(w\) = dead Marines, \(x\) = minutes until we start the bombing, \(y\) = (indicatd) cabinet offices and \(z\) = deficit in dollars.

a. \(n = 4\) more years  
   b. \(n = 6\) New Right Justices  
   c. \(n = 10,000\) brain cells flying each day  
   d. \(n = \text{unknown number of dead in Central America}

The attitude of the speaker can best be described as:
8. I believe that if we do not take action now, we will be even worse off in five years.

a. Contemplative  
   b. Humorous  
   c. Bewildered  
   d. Threatening

STOP! Do not continue.

Please.

London School of Economics and Political Science
A chance to study and live in London

Junior-year programs, Postgraduate Diplomas, One-Year Master’s Degrees and Research Opportunities in the Social Sciences.

The wide range of subjects includes:
- Accounting and Finance  
- Atural Science  
- Anthropology  
- Business Studies  
- Economics  
- Econometrics  
- Economic History  
- European Studies  
- Geography  
- Government  
- Industrial Relations  
- International History  
- International Relations  
- Law  
- Management Science  
- Operational Research  
- Personnel Management  
- Philosophy  
- Population Studies  
- Politics  
- Regional and Urban Planning Studies  
- See-Use Policy  
- Social Administration  
- Social Planning in Developing Countries  
- Social Work  
- Sociology  
- Social Psychology  
- Statistical and Mathematical Sciences  
- Systems Analysis

Application forms from:
- Administration Registrar, L.S.E., Houghton Street, London WC2A 2AE, England, stating whether undergraduate or postgraduate and quoting Room 10.

UMass/Boston

Interested In ARTIFICIAL INTELLIGENCE?

Ever Programmed In LISP?

Then We’d Like To Talk To You!

TExAS INSTRUMENTS
Advanced Systems Division
The Placement Office
November 13 and 14
Are you considering professional school?

HARVARD UNIVERSITY

JOHN F. KENNEDY SCHOOL OF GOVERNMENT

Is Looking for Future Leaders in Public Affairs.

Come Learn About Harvard's Two-Year Master's Program in Public Policy, Leading to either the Master in Public Policy or City and Regional Planning Degree.

Generous Cross-Registration Privileges with other Schools.

Degree and Oral Examination Required

Interested students within nine months of graduation may apply. In addition, all applicants must be U.S. Citizens and at least 21 years of age.

Send resume or SF-171 to:
Larry Daniele
Recruitment Division
U.S. Department of State
P.O. Box 9653
Rosslyn Station
Arlington, VA 22209

An Equal Opportunity Employer

Madeleine Thomas
Associate Director, Public Policy Program

DATE:
Fri., Nov. 16, 10-11 & 11-12 groups

All Students, All Majors, All Years Welcome!

Joint Degree Programs Offered with Harvard's other Professional Schools.

PEACE CORPS

for you, and the world itself. As a Peace Corps volunteer, you can put your degree to work at a challenging, exciting, and rewarding opportunity.

For a copy of the contest rules, see the October 19 issue of The Tech, or come by the Technique office (Student Center Room 451, 253-2980).

PHOTO CONTEST

Many people have told us that they’d like to enter the Technique Photo Contest, but that they simply did not have time.

So we are extending the contest deadline to next Friday, November 16, at 5 PM.

For you, and the world itself. As a Peace Corps volunteer, you can put your degree to work at a challenging, exciting, and rewarding opportunity.

The toughest job you've ever loved

Gregg Lobdell

NOVEMBER 14, 7-9:00 p.m., film & info session, Bldg. #5, Room 159.

NOVEMBER 15, 9-4:00, senior interviews in Career Planning. Call 253-4733.

Rensselaer Polytechnic Institute

Graduate Schools

- Architecture
- Management
- Engineering
- Sciences
- Humanities
- Social Sciences

Information & Applications
Representative Available:
Wednesday, November 14

Contact Career Planning for details

COMPETE FOR
PROFESSIONAL POSITIONS

With the Foreign Service
and the Department of State

ARCHITECTS
ENGINEERS
PHYSICISTS
BUDGET/FISCAL SPECIALISTS
ELECTRONIC COMMUNICATIONS SPECIALISTS
GENERAL SERVICES SPECIALISTS
PERSONNEL SPECIALISTS

Degree and Oral Examination Required

Interested students within nine months of graduation may apply. In addition, all applicants must be U.S. Citizens and at least 21 years of age.

Send resume or SF-171 to:
Larry Daniele
Recruitment Division
U.S. Department of State
P.O. Box 9653
Rosslyn Station
Arlington, VA 22209

An Equal Opportunity Employer
Students discuss life at MIT

(Continued from page 1)

they go into the fraternities, it is
too complex.
Another suggestion was that
fraternities allow sophomores or
other upperclassmen to pledge.
Bonnie J. Walters, coordinator
of the Committee on the Writing
Requirements, urged that more
consideration be given interna-
tional students. Students come to
MIT because it is an internation-
al school, she said. Many of
them, however, are "very disap-
pointed in the first few weeks be-
cause Americans are not very
close to them."
The rest of the meeting fo-
cused on the quality of life of
MIT's gay community.
The General Coordinator of
Gay At MIT (GAMIT) maintai-


ed that homosexual students
are still discriminated against.
Other students agreed.
"People think that if there is a
gay person in the house," one
student said, "the atmosphere
will be destroyed."
The inordinately quick removal
of GAMIT posters was also dis-
cussed.
Dean Randolph insisted that
the situation has improved. "You
don't hear of specific instances of
harassment," he said. "By ob-
jective measurement, it is difficult
to read that the community has
not improved."
Randolph admitted, however,
that the problem still exists. "We
must work at ways to come to
understanding," he said.

Tuesday, Nov. 13

Weight Training for Women
body conditioning, firming and
toning, flexibility, and strength.
Classes held at the Bodyworks
Gym for Women, 33 River St.,
Cambridge. Tuesdays and Fri-
days, 7:30-9:00 pm. $25/4 weeks.
Call 491-6050 for more informa-
tion.

Scuba Club monthly meeting,
with special guest speaker Dee
Edgerton. 7 pm, Room 20E-017.
New members welcome. For
more information, call Dave
Summa at x3-6846.

Sunday, Nov. 11

The Children of War Tour, a na-
tionwide event, will feature
young people from war-torn
areas such as the Middle East,
Central America, and Southeast
Asia. They will bear witness to
the suffering they have endured
and bring a message of hope and
empowerment to American teen-
geners. The meeting will be held
at 7 pm at the University Lutheran
Church, 46 Winthrop Street,
Cambridge. Call Alice B. Lane at
369-9602 for more information.
* * *
Many of New England's most
distinguished writers will gather
to participate in Twenty-Four
Hours for Survival — a round-
the-clock reading for peace.
The readings will begin at 6 pm
and continue through until 6 pm
on Monday. This event will be held
at the First Congregational
Church, 11 Garden Street, Har-
vard Square. For more informa-
tion, write News Reading, 45 Ce-
try Square, Cambridge, MA
02143.

Monday, Nov. -12

A second meeting of The Chil-
dren of War Tour will be held at
9:30 am at the First Parish in
Cambridge, 3 Church Street,
Harvard Square. Call Rachel
Hass at 387-0005 for more infor-
mation.

John's Barber Shop
16 Prospect Street
Central Square
492-2925

Haircuts
any style 5.50
Open 7:30AM - 6:00PM
Closed Wednesdays
and Sundays

INDIA, NEPAL, THAILAND,
CHINA AND JAPAN

SPRING SEMESTER STUDY
AND TRAVEL

Study and travel from January through May 1985
with internationally known senior professors. Students
will live with families and carry a full course load as
they explore the impact of religion and ethnic identity
upon five societies in Asia.
The International Honors Program seeks mature,
motivated candidates who are prepared for a fulfilling
academic experience. Applications are considered on
a rolling admissions basis. For a catalog and
application, call Joan Tiffany, Director, collect at (617)
267-4012. It is important not to delay.

INTERNATIONAL HONORS PROGRAM
19 Braddock Park
Boston, Massachusetts 02116

Some things speo* for themselves
Friday, Nov. 30

15th Anniversary Figure Skating Exhibition benefiting The Jimmy Fund will feature skaters such as Tai Babilonia and Randy Gardner, Brian Boitano, Andrea Salley and Kristina Regoscky, and more. The exhibition will be held 8 p.m. at the Bright Arena, Harvard University. Other shows will be held on Dec. 1, 8 pm and Dec. 2, 1 p.m. Ticket prices: adults, $10; students, children. and senior citizens, $5. Group discounts available. For information, call 486-8172.

Ongoing

Learn to relax your body, clear your mind, and increase your concentration. Study better, have more energy, and feel good! Concentrate. Study better, have more energy, and feel good! Learn to relax your body, clear your mind, and increase your concentration.

Do you like to read? Do you enjoy music? Become a 574-448 volunteer. School Volunteers of Boston offers orientation and support to college students who have a few hours per week to spend with elementary, middle or high school students in schools convenient to college campuses. For information, call 451-6465 or visit our office at 237 West Street, downtown Boston.

The Chinese Intercollegiate Choral Society meets Sundays 3–5 pm in W20-491. Anyone who likes to sing and can speak any Chinese dialect is welcome. For further information, please call Isabel Chu at 258-5233.

Students and faculty are cordially invited to discuss their vocabularies at the Boston Scrabble Club—aany Monday evening at the Teachers’ Lounge of the Jackson-Mann Community School, Union Square, Allston. The club features "social Scrabble" for serious newcomers, as well as officially-rated competitive play for the real addicts. Club hours are 6:30 to 9:30 pm. For more information, contact P.G. Kaufmann at 784-5325.

For runners looking forward to the numerous marathons this fall but not the arduous solo training sessions, the MetroParks Running Center in Boston has an answer. On Sundays at 9 am, runners training for marathons can get together and run long distances of 15 to 22 miles. Open Monday through Friday from 7 am to dusk, the Running Center offers changing rooms and showers free of charge. For further information, call 523-9746.

Interested in children? Teenagers? Innovative education? The Cambridge School Volunteers needs you as a tutor, classroom aide, big brother or big sister, or a mini-course teacher. Work with any age student in any subject. Credit may be available. For more information, call 498-9218.

The MIT Dance Company School of Boston presents its ninth year of dance education, offering two fifteen work sessions from September to May. MIT continues its extensive Children’s Program for ages 3 to 14, as well as teen and adult classes in modern, ballet, and jazz. Classes run Monday through Saturday with levels ranging from novice to professional. Aerobics is also offered in the evenings. The School is located at 331 Tremont Street in the Boston Center for the Arts. For more information, please call 482-0271.

The Peace Corps is offering skill-training for programs utilizing children and students from member countries. Peace Corps volunteers serve for two years. During the service they receive a generous living allowance, paid travel, training and health care. A post-service readjustment allowance of $175 per month is paid to each volunteer. For information on Peace Corps service, call 225-6366 or 7366, or write PEACE CORPS, 1405 McDowell St., PO Box 19248, Washington, D.C. 20032. Peace Corps Volunteers also welcome any age student in any subject. Credit may be available. For more information, call 498-9218.

"BLACKS & JEWS: CURRENT RELATIONS & TENSIONS" WITH I.P. RAM
FRIDAY, NOVEMBER 16, 8:30 p.m.
ASHIDOWN HOUSE DINING ROOM

M.I.T. HILLEL COMMUNITY SHABBAT DINNER
FRIDAY, NOVEMBER 16, 6:30 p.m.
ASHIDOWN HOUSE DINING ROOM

 sparkle
A. T. M
THE GROUND

Launch hour. Throttles are at full power, the engines roar were across the flight deck. And you're the pilot. The catapult fires and G forces slam you back into your seat. Seconds later, you're punching a hole in the air, heading toward an unknown world. Nothing beats the excitement of Navy flying. And no other job can match the kind of management responsibility you get so quickly in the Navy. This is no place for the faint of heart. Around the world travel opportunities with a great starting salary of $24,000. As much as $33,600 after four years with promotions and pay increases. Take off for tomorrow in the Navy. With top-flight training to help you build technical and management skills you'll use for a lifetime. Don't just settle into a job; launch a career. See your Navy Recruiter. They're looking good.

CALL 800-327-NAVY.

Navy Officers Get Responsibility Fast.
Wednesday, Nov. 14
Cambridge Forum presents: "Speakout Against Sexual Harassment," with speakers Herbert Honig, Brandeis University Affirmative Action administrator; Freda Klann, Employee Relations Manager with Lotus Development, and Pat Stein, from the Mass. Dept. of Education. 8 pm at 3 Church Street, Harvard Square. Free.

Did you grow up in a home where alcoholic drinking was a problem for your parents? If you feel that their problem has had its effects on you, too, please join our support group for adult children of alcoholics. 8 pm at W2A, 312 Memorial Drive. If you have any questions, call Barbara Smith-Moran at x3-9893.

Thursday, Nov. 15
A seminar entitled "Integrated Telecommunications," sponsored by the Communications Forum, will be held from 3:45 pm in Kresge Auditorium, MIT. Panels will include representatives of companies building on the integrated telecommunications system planned for MIT. Open to the public.

The Writing Program's 1984 and 1985 Faculty Authors Series presents Joan Vinge, author of "The Snow Queen, and "Eyes of Amber." Ms. Vinge, winner of the Hugo Award for excellence in science fiction, will read from and speak on her work. 8 pm, Room 10-250. Free.

Monday, Nov. 26
Want to lose weight using hypnosis and relaxation techniques? A 10-session hypnosis and weight loss group program. New group starts today. Call 735-4767 for more information.

Tuesday, Nov. 27
A career workshop entitled "Starting Your Own Consulting Business," will be held from 7:30-9:30 pm at the Jewish Vocational Service. For reservations, contact Meryl Glatt, x3-2846, or Emily Kriesin, x3-9740.

Wednesday, Nov. 28
Through hypnosis, relaxation techniques, and the use of new Nicotine gum, Beth Israel Hospital's Quit Smoking Program helps participants master the art of controlling the urge. New group starts today. Call 735-4767 for more information.

Thursday, Nov. 29
A seminar entitled "Media Diplomacy," sponsored by the Research Program on Communications Policy, will be held from 4-6 pm in the Marlow Lounge, Room 37-232, 70 Vassar St., Cambridge. Speakers will be Dan Mica, Chairman, House Subcommittee on International Operations; Michael Schneider, U.S. Information Agency, and Howard Ryan, Director, Murrow Center of Public Diplomacy, Tufts University. Open to the public.

Professor James A. McClokey, Dir. of Medicinal Chemistry and Biochemistry, University of Utah, will speak on "The Structure Elucidation of New Naturally Modified Nucleosides: Dietary Factor or Transfer DNA?" The seminar will be held at 4:15 pm, Room 220, Mugar Hall, Northeastern University.

OUR TWO-WEEK SPECIALS ENDING NOVEMBER 24th

HANKSCRAFT

Vaporizers

#250

1 Gal. $10.95

COTTON BALL & SWAB HOLDER

Clear Plastic

$2.19

COTTON PUUFFS

170's $1.49

HALLMARK

Puzzles

Selected Patterns 40% Off

HALLMARK Bows

Selected Styles 40% Off

KENDALL DRUGS

Your MIT Community Drug Store

492-7790

238 Main Street

Kendall Square

Cambridge, MA

SAVE 25% PENFIELD OUTERWEAR IN DOWN OR THINSULATE

Challenge the cold with a selection from Penfield's suggested down or lightweight Thinsulate outerwear. Penfield parkas, jackets and vests all feature quality construction including heavy-duty zippers, reinforced seams, snap closures and much more. Available in assorted colors, sizes 3, M, L, XL.

NOW $45-112.50

MEET OUR PENFIELD REPRESENTATIVE

For professional answers to the care and performance of Penfield outerwear. Come to the Harvard Square store Saturday, November 10th, between 10am and 5pm.

REGISTER TO WIN A FREE PENFIELD JACKET

Complete an entry blank in the outerwear department of Harvard Square, M.U. Student Center or Downtown. No purchase necessary. Coop employees, family and direct associates are not eligible.

INTERESTED IN AN MBA?

Linda Rose, Admissions Coordinator at the Graduate School of Business Administration University of Southern California will be on campus.

November 14, 1984

to talk about programs at the CSBA

For schedule and location information, please contact Career Planning & Placement
Roger Schank's thinking computer

The Cognitive Computer, by Roger Schank, with Peter G. Childers: Addison-Wesley, 268 pp., $37.95.

In tomorrow's world computers will converse in natural language. They will doctor us, offer legal and banking advice. They will teach our children, govern our nations. We will have unlimited information available at our fingertips; mundane jobs will be outlawed. "Intelligent computers should also have some concept of morality."

For Roger Schank, computers are everything. His new book, The Cognitive Computer, advocates computing everywhere and every time. Its principal - Peter G. Childers, a recent Yale graduate who is fluent and enthusiastic. But beneath its empyrean surface lies a core not of science, but of dogma, of dreaming of a computer world that is his vision. The assumption of the book is that our lives will be improved by "technical progress." That our lives could be diminished by an encroaching technology does not seem to concern Roger Schank.

Schank sets up every question so that its answer necessarily lies in the domain of the computer. His writing on natural language rests on unassailable speculation; while his brief tour of "world problems" provides problem definitions narrow enough to preclude victory for a non-computer option. Dark questions such as the dehumanization of society are glily skirted over with statements to the effect that humans are pretty bad to each other as it is. As the first century NBA (National Basketball Association) President, Schank will type into his terminal, "Computers will affect our lives, we have to look at ourselves, not computers."

Schank then starts to delimit a series of assumptions upon which, as we shall see, his claims necessarily rest. Most important is his three-way typology of understanding since "understanding is really a spectrum of relative degrees and levels. The computers, he states, cannot emulate "complete empathy," "complete sympathy," which comes about through shared experiences between people. "Most approach COMPLETE EMPATHY for the experience of the individual involved had caused very similar memory structures to have been created. The two individuals would understand each other in terms of their own memory structures. Given a similar set of goals and beliefs, individuals might process new episodes in much the same way. . . . The more completely goals, prior beliefs, prior experiences, and memory structures are shared, the better the understanding between two people can be."

Schank defines "the opposite end of the spectrum" as "making sense," which requires simple recognition of the terms used and the actions performed. It doesn't involve the kind of analysis and identification required for COMPLETE EMPATHY. If a friend came over to your house and suddenly burst into tears, you could make SENSE of the situation by determining that he was sad and questioning him as to why he was sad. You would understand why he was crying at the level of MAKING SENSE, but you would have COMPLETE EMPATHY for him only if you could relate what he told you to very similar memories and experiences of your own. You would have to put yourself in his place by analyzing your experiences relative to his and by allowing your memory structures to change as a result of the new experience.

(To be continued on page 14)
Oh, God! You Devil. You devil! It seems to me that you are the very essence of evil. You are a demon, a fiend, a soulless creature. Your presence is a threat to all that is good and just in the world. You are a menace to society, a force of chaos and destruction. I am afraid of you. You are a powerful influence, a force to be reckoned with. You have a sinister agenda, a desire to bring about the downfall of humankind. You are a symbol of evil, a personification of darkness and despair.

But I must be strong. I must resist your temptation. I must stand firm in the face of adversity. I must not be overcome by your power. I must not succumb to your influence. I must hold fast to what is right and just. I must be a beacon of light in a world of darkness. I must be a voice of reason in a world of madness. I must be a protector of the innocent in a world of evil.

I am not afraid of you, oh devil. I am not afraid of your power. I am not afraid of your influence. I am not afraid of your presence. I am not afraid of your nature. I am not afraid of your agenda. I am not afraid of your darkness. I am not afraid of your evil. I am not afraid of you, oh devil. I am not afraid. I am not afraid. I am not afraid.
The National Research Council announces the PBS Postdoctoral, Resident, and Cooperative Association Programs for research in the sciences and engineering to be conducted in behalf of 24 federal agencies or research institutions. Approximately 250 full-time associateships will be awarded on a competitive basis for research in chemistry, engineering, and mathematics, and in the earth, environmental, physical, space, and life sciences. Most of the programs are open to both US and non-US nationals, and to both recent Ph.D. holders and senior investigators. Awards are made for one or two years with stipends beginning at $33,530 a year for Ph.D.s and an individual determination for senior associates. Postmark deadline must be no later than January 15, 1985. Information on specific research opportunities and federal laboratories, as well as application materials, may be obtained from Association Programs, Office of Scientific and Engineering Personnel, JH 608-D3, National Research Council, 2101 Constitution Ave., Washington, D.C. 20418.

The American Institute of Steel Construction has announced that eight graduate fellowships of $5000 each will be awarded in 1985 by the AISC Education Foundation. The grants will be awarded to graduate civil or architectural engineering students proposing a course of study toward an advanced degree related to fabricated structural steel. Application forms are available to U.S. citizens. Deadline for receiving applications is March 1, 1985. To obtain applications, write AISC Education Foundation, 400 N. Michigan Ave., Chicago, IL 60611, or call 312-670-2400.

All students interested in applying to law school for Fall '85 should make an appointment in the Preprofessional Advising Office. Phone Ann at x3-4737 or stop by Room 12-170.

The Christian Science Monitor is sponsoring an essay contest challenging its readers to come up with possible scenarios that could lead to world peace in the next 25 years. Students and faculty at colleges and universities around the country are also invited to participate. Participants might consider such factors as economic conditions, the role of moral leadership and world arms. Essays will be judged on the feasibility of ideas they contain and will be expected to show a knowledge of the framework of international relations in the world today and the process by which those relations are being affected. Entries of not more than 3,000 words in English, French, German, or Spanish will be accepted. The best three will be printed in The Christian Science Monitor. Entries should be postmarked not later than December 31, 1984 and sent to PEACE CONTEST, The Christian Science Monitor, One Norway Street, Boston, MA 02215.

The National Research Council announces the PBS Postdoctoral, Resident, and Cooperative Association Programs for research in the sciences and engineering to be conducted in behalf of 24 federal agencies or research institutions. Approximately 250 full-time associateships will be awarded on a competitive basis for research in chemistry, engineering, and mathematics, and in the earth, environmental, physical, space, and life sciences. Most of the programs are open to both US and non-US nationals, and to both recent Ph.D. holders and senior investigators. Awards are made for one or two years with stipends beginning at $33,530 a year for Ph.D.s and an individual determination for senior associates. Postmark deadline must be no later than January 15, 1985. Information on specific research opportunities and federal laboratories, as well as application materials, may be obtained from Association Programs, Office of Scientific and Engineering Personnel, JH 608-D3, National Research Council, 2101 Constitution Ave., Washington, D.C. 20418, (202) 334-2760.
The German Academic Exchange Service (DAAD) announces the availability of scholarships for students and faculty members: German Studies Summer Seminar at the University of Marburg during June/July 1985. This 4-week seminar is designed for faculty members and, in exceptional cases, Ph.D. candidates. The seminar provides intensive language courses, seminars and lectures on political, social and economic aspects of contemporary Germany. In addition, meetings with representatives of professional groups, and excursions to places of interest are on the agenda. Deutschnahmeinrich Seminars at Regensburg University. This course offers a 6-week seminar providing intensive language instruction and concentrating on historical, cultural and economic aspects of contemporary Germany. Students from all fields with at least junior status are eligible. All application deadlines are January 31, 1985. For further information and application forms, please contact German Academic Exchange Service, Suite 1107, New York, NY 10017 or call 212-599-3444.

The National Consortium for Graduate Degrees for Minority in Engineering, Inc. (GEM) is now accepting applications for its Graduate Fellowship Program which will provide one hundred-fifty awards to minority students in engineering. Candidates for participation must be American Indian, Black American, Mexican American, or Puerto Rican. Each fellowship pays full tuition and fees at a member university and a stipend of $5000 for the academic year, as well as providess summer employment at a member-research laboratory. Deadline for application material for the 1985-86 fellowship year is December 1, 1984. For further information contact Graduate Engineering for Minorities, P.O. Box 337, Notre Dame, Indiana 46556.

Are You Good Enough To Join The Best In The Nuclear Field?
The Navy operates the most advanced nuclear equipment in the world. Including more than half the nuclear reactors in America. The men who maintain and operate those reactors have to be the best. That's why officers in the Nuclear Navy get the most extensive and sophisticated training in the world.

College juniors and seniors who qualify for the program can earn over $1000 a month while still in school.

After graduation, as a Navy officer, you receive a year of graduate-level training unavailable anywhere else at any price. You become a highly trained member of an elite group with vital responsibilities and growing career potential.

To qualify, you must be a U.S. citizen between 19 and 27 years of age, working toward or have earned a bachelor's or master's degree. You must also have completed a minimum of one year each of calculus and calculus-based physics with a "B" average or better.

You can submit an application as soon as you've completed your sophomore year in college. If you think you're good enough to join the best in the nuclear field, find out. Call the Naval Management Programs Office for full information. Campus Visit on 14 NOV. LT Gad Ssaffelle 470 Atlantic Ave., Boston, MA 02210 (617) 223-5823

Navy Officers Get Responsibility Fast.
ARTS

The thinking machine

(Continued from page 19)

There are things which people don't understand, Schank says. "Computers will fail to understand human beings in the same way that an untrained aunt might fail to understand her son's desire to get a divorce. When you read a story about terrorism, you don't feel that just because you read the terrorist story the behavior of being human that you really understand the terrorist's actions or his views. Having past experiences that involve human feelings facilitates important dimensions of your understanding of a story, allowing you to experience it in your own way. Likewise, an intelligent computer would have its own particular set of experiences of reading and remembering terrorism stories, in addition to the principles and details of international terrorism which have been programmed into it."

This, Schank says, is an example of "Cognitive Understanding" at work, a mid-ground between "making sense" and "cooperating empathy" and something we can call the principles and details of international terrorism which have been programmed into it. This, Schank says, is an example of "Cognitive Understanding" at work, a mid-ground between "making sense" and "cooperating empathy" and something we can call the principles and details of international terrorism which have been programmed into it. This, Schank says, is an example of "Cognitive Understanding" at work, a mid-ground between "making sense" and "cooperating empathy" and something we can call the principles and details of international terrorism which have been programmed into it. This, Schank says, is an example of "Cognitive Understanding" at work, a mid-ground between "making sense" and "cooperating empathy" and something we can call the principles and details of international terrorism which have been programmed into it. This, Schank says, is an example of "Cognitive Understanding" at work, a mid-ground between "making sense" and "cooperating empathy" and something we can call the principles and details of international terrorism which have been programmed into it. This, Schank says, is an example of "Cognitive Understanding" at work, a mid-ground between "making sense" and "cooperating empathy" and something we can call the principles and details of international terrorism which have been programmed into it. Schank then proceeds to tell us how the computer might represent these conceps. He is critical of linguistic approaches to natural language parsing which simply try sentences apart and analyze them in terms of each individual word. The whole is greater than the sum of the parts, he says, and what counts is not the word but the knowledge, the concept behind that word. "An understanding system, whether human or computer, has to depend on a conceptual representation of events, not on particular words or sentences. And, while there are a huge number of words, it seems that human endeavor can be organized along the lines of a small number of concepts."

Schank's Yale laboratory thus represents "possession-changing-action" with the concept "ATRANS" which triggers rules that include the set of inferences associated with ATRANS. On the basis of such primitive concepts the computer can use "scripts," "prepackaged sets of expectations, inferences and knowledge that are applied in common situations, like a blueprint for action without the details put in." Schank shows how a computer can "understand" the act of eating a meal at a restaurant through the use of a restaurant script. Scripts are specialized, Schank admits, but so are people; you would not ask someone to one to one fold about another subject of which he has no knowledge.

Professor Roger Schank will be giving a public lecture at MIT on Thursday, November 15, and this review will be concluded in the November 16 issue of The Tech.

Jonathan Richmond
A few “quit tips”  

Hide all ashtrays, matches, etc.

Lay in a supply of sugarless gum, carrot sticks, etc.

Drink lots of liquids, but pass up coffee & alcohol.

Tell everyone you’re quitting for the day.

When the urge to smoke hits, take a deep breath, hold it for 10 seconds, & release it slowly.

Exercise to relieve the tension.

Try the “buddy system,” and ask a friend to quit too.

**The big Snells have the ability simply to vanish, becoming an open window to the music. I can’t think of any other speaker that does as many things with such finesse and control as the Type A. I found it difficult to believe I was listening to a loudspeaker. As I listened easier, the sound was one of, if not the best I have ever heard in a home.**

-- Paul Bock

HiFi Answers (U K)

**THE COMEDY WITH A BIG HEART**

_Hen K. Shen' 22_  
ALL HE WANTED WAS HER PICTURE. WHAT HE GOT WAS...

No Small Affair

starts Friday, November 9th

**Texas Instruments**

Creating useful products and services for you.
Women’s fencing will include épée

(Continued from page 20)

lost its top two fencers, but "we have some new people coming up," Sollee said.

"We’ve been exposing them to high-grade competition" in an intensive effort at preparing them for the regular season, he added. "We’ll see if it pays off.

Sollee said he believes "foil and épée will have to carry the burden" if the team as a whole is to succeed. "We expect it to be a winning season.

The women’s team lost last year’s New England Foil Champion, Anne Huber '86, to crew. Ann Zabludoff ’86 will fill her spot, Sollee said.

Sollee said he expects a lot from team captain Penina Axelrad ’85. "She’s come a long way in three years," he said. "She’s a terrific leader," he added, despite not having as much exposure to fencing as Zabludoff.

Freshman Linda Ystueita has been "beating up on varsity people," Sollee said. "We’re expecting some first-class fencing from her."

"We should have another good winning season," he said.

The Federation Internationale d’Escrime, the international fencing governing body, decided this year to sanction women's épée, besides the traditional foil. Several members of the women’s team have taken up the weapon and will compete against male épéeists on local club teams.

The NCAA does not sanction women’s épée, Sollee said. The team has decided to fence the weapon anyway, Sollee added, because "this is our chance to start even with the Europeans."

European fencing, with its long tradition, is often considered better than American fencing. But no one has a tradition in women’s épée, Sollee said, adding that he wants to prove American fencers "are as good as, or even better than the Europeans."

---

**COLLEGE SURVIVAL**

**THERE’S GOT TO BE A BETTER WAY!**

Increase Your Reading Speed Up To 100%
On-The-Spot

There is. One free Evelyn Wood Reading Dynamics lesson will prove it to you. Today take the free Reading Dynamics lesson and you can dramatically increase your reading speed in that one free lesson.

Why let the responsibilities that college demands deprive you of enjoying the college life? With Reading Dynamics you can handle both...

all the reading you’re expected to do and know you’ll still have time to do what you want to do.

Today you can increase your reading speed, dramatically at the free Reading Dynamics lesson. You’ve got nothing to lose but a lot of cramming and sleepless nights. Reading Dynamics. Now you know there is a better way. Take the free lesson and kiss your "No-Snooze" goodbye.

**SCHEDULE OF FREE LESSONS**

**LOCATION:** SHERATON COMMANDER - 16 GARDEN STREET

**AT MASSACHUSETTS AVE. (JUST OFF HARVARD SQUARE)**

**FRIDAY 11/9 11:00AM, 1:00PM AND 3:00PM**

**SATURDAY 11/10 11:00AM AND 1:00PM**

**CHOOSE THE DAY AND THE TIME MOST CONVENIENT FOR YOU. RESERVATIONS ARE NOT NECESSARY.**

**FOR FURTHER INFORMATION, PLEASE CALL 800-447-READ**

- Evelyn Wood
- Reading Dynamics
THE LEGEND OF FRED


BUT HOW CAN I BE SURE THAT I GO DOWN EVERY SINGLE ONE?

THIS WOULD MAKE A GOOD MATH PROBLEM BUT THE PLOT NEEDS TO MOVE ALONG...

CRAPES!

"YES, SIR!" AGREED...

MIT IS ACTUALLY ONE WALL!

ALL OF THE CORRIDORS AT MIT ACTUALLY CONSIST OF ONE SINGLE WALL WHICH WRAPS AROUND ON ITSELF UP AND DOWN STAIRS AND BY DOORS. MIKE STARTED FOLLOWING THIS WALL AROUND.

MIKE FOUND THAT THIS WALL TOOK HIM TO EVERY NOOK AND CRANNY AT MIT AND STRETCHED OVER TWENTY MILES.

ONE DAY MIKE WAS STAKING OUT A PILE OF ABANDONED EQUIPMENT...

"NEE... A HIGH VOLTAGE POWER SUPPLY! THAT'LL BE GOOD FOR THE PULSE DISCHARGE SWITCH!

I FOUND A HIGH VOLTAGE POWER SUPPLY!

GREAT! I'VE ALMOST GET THE MOLD READY FOR CASTING THE METAL!

HE FOLLOWED HER THROUGH OBSCURE HALLWAYS UNTIL SHE WENT INTO A ROOM.

SO TOMORROW NIGHT I CAN GET SOME TIMEBONES AND WE'LL EAT THIS FOOD AND INSTEAD OF THE ORIGINAL DINNER, HE CAN BREATHE FIRE INTO THE CRESCIBLE.

SOMETIMES I WONDER IF DEMOLISHING MIT'S COMPUTERS IS REALLY THE RIGHT THING TO DO.

WHAT BETTER WAY TO TEST HOW WELL IT WORKS?

WELL MAYBE THIS PROJECT WOULD MAKE A GOOD THESIS OR SOMETHING.

BUT THEN THE PENTAGON WOULD HAVE SNATCHED IT RIGHT UP.

RIGHT NOW THE WORLD IS RUN BY THE ONS WITH THE COMPUTERS, THIS IS ONE THING ELSE A CHANCE TO FIGHT BACK!

MEANWHILE, THE RAT IS BEING SHOWN AROUND THE FACTORY WHERE WE WILL BE SETTING UP HIS EXPERIMENT.

OH, RODENT, LET'S GET ONE THING STRAIGHT.

I'LL BE PRETTY UNHAPPY IF THIS EXPERIMENT DOESN'T WORK; BUT IF IT DOES...

I WANT YOU TO SCALE IT UP BY A MILLION TIMES!
Win hands down with the Long Distance Winner.

In 1900, Johann Hufinger of Austria walked on his hands from Vienna to Paris in 35 daily 10-hour stints, covering a distance of 871 miles.

With AT&T you don't have to stand on your head to get more mileage for your money. You'll save 40% evenings, 60% nights and weekends. You'll get immediate credit for wrong numbers...plus quality that wins hands down.

For information on AT&T Long Distance, call 1-800-222-0300.

The more you hear the better we sound™

Basketball's fate hangs on veterans

By Paul Paternoster

It is exactly 11 days before the men's basketball season begins, and practice sessions are in full gear. With the nucleus of last year's young team returning and the addition of incoming freshmen, the Engineers will face tough schedules with a more seasoned squad than last year.

Coach Fran O'Brien is pleased with the early practice sessions. "The kids have been working hard," O'Brien said, "so the practices have been positive." Many of the team members played summer ball, he added, and as a result, have improved their games.

Experience will be a key factor for the Engineers this season, as the team's two top scorers and performers Craig Poole '86 and Mike McElroy '87 have returned. In addition, team co-captains Jim Egan '86, Bud Taddiken '85, and Charlie Therue '85 are back. These five players will provide not only points but also solid leadership. The Engineers do not have as much height as some of their opponents. For example, at 6'6", is the team's tallest player. With McElroy (6'6") at forward and Thureen (6'2") as small forward, the front line is one of the smaller lines in the league. Egan (5'8") occupies the point guard position.

With 363.2 points last year, the Engineers were second in overall rushing yardage, with 59.8 yards per game, and is fine. "I'm almost afraid to do it," he said. "But the practices have been positive." Many of the team members played summer ball, he added, and as a result, have improved their games.

Experience will be a key factor for the Engineers this season, as the team's two top scorers and performers Craig Poole '86 and Mike McElroy '87 have returned. In addition, team co-captains Jim Egan '86, Bud Taddiken '85, and Charlie Therue '85 are back. These five players will provide not only points but also solid leadership. The Engineers do not have as much height as some of their opponents. For example, at 6'6", is the team's tallest player. With McElroy (6'6") at forward and Thureen (6'2") as small forward, the front line is one of the smaller lines in the league. Egan (5'8") occupies the point guard position.

While height is a negative factor, the tough schedule will be an even bigger challenge. This season the Engineers face Caltech, Johns Hopkins, and Washington University -- three of the top NCAA Division III schools in the nation.

Locally, the team will compete in a tournament hosted by the University of Massachusetts at Boston during Thanksgiving break. This competition will pit the Engineers against Worcester State, Connecticut, Amherst, Wodenak, and UMass-Boston.

Most of MIT's opponents recruit their players, so the quality of these teams is high, often surpassing that of the Engineers. MIT's nucleus, however, has been together for over a year now, having played 31 games last year, including a national tour of India. The experience factor may help the Engineers give their competition a run for the money.

The team has already begun its preseason schedule, consisting of four scrimmages. MIT dropped its first scrimmage to Eastern Nazarene Saturday.

Tommorrow the Engineers host Southern New Hampshire State. The team concludes its preseason next Saturday with a game against Middlebury College.

The Engineers' regular season begins Tuesday, November 20 against Johnson and Wales College. The game will be held in Rockwell Cage and will begin at 7:30 pm.

Experience will be a key factor for the Engineers this season, as the team's two top scorers and performers Craig Poole '86 and Mike McElroy '87 have returned. In addition, team co-captains Jim Egan '86, Bud Taddiken '85, and Charlie Therue '85 are back. These five players will provide not only points but also solid leadership. The Engineers do not have as much height as some of their opponents. For example, at 6'6", is the team's tallest player. With McElroy (6'6") at forward and Thureen (6'2") as small forward, the front line is one of the smaller lines in the league. Egan (5'8") occupies the point guard position.

With 363.2 points last year, the Engineers were second in overall rushing yardage, with 59.8 yards per game, and is fine. "I'm almost afraid to do it," he said. "But the practices have been positive." Many of the team members played summer ball, he added, and as a result, have improved their games.

Experience will be a key factor for the Engineers this season, as the team's two top scorers and performers Craig Poole '86 and Mike McElroy '87 have returned. In addition, team co-captains Jim Egan '86, Bud Taddiken '85, and Charlie Therue '85 are back. These five players will provide not only points but also solid leadership. The Engineers do not have as much height as some of their opponents. For example, at 6'6", is the team's tallest player. With McElroy (6'6") at forward and Thureen (6'2") as small forward, the front line is one of the smaller lines in the league. Egan (5'8") occupies the point guard position.

While height is a negative factor, the tough schedule will be an even bigger challenge. This season the Engineers face Caltech, Johns Hopkins, and Washington University -- three of the top NCAA Division III schools in the nation.

Locally, the team will compete in a tournament hosted by the University of Massachusetts at Boston during Thanksgiving break. This competition will pit the Engineers against Worcester State, Connecticut, Amherst, Wodenak, and UMass-Boston.

Most of MIT's opponents recruit their players, so the quality of these teams is high, often surpassing that of the Engineers. MIT's nucleus, however, has been together for over a year now, having played 31 games last year, including a national tour of India. The experience factor may help the Engineers give their competition a run for the money.

The team has already begun its preseason schedule, consisting of four scrimmages. MIT dropped its first scrimmage to Eastern Nazarene Saturday.

Tommorrow the Engineers host Southern New Hampshire State. The team concludes its preseason next Saturday with a game against Middlebury College.

The Engineers' regular season begins Tuesday, November 20 against Johnson and Wales College. The game will be held in Rockwell Cage and will begin at 7:30 pm.

Saturday's contest key for football

Offensive tackle John Eitbym G may play in spite of a fractured collar bone. Linebacker Eides Warner '85, who sat out the last two games with a fractured finger, will play with a cast on his hand, according to Smith. If MIT secures a playoff spot, the coaches will have the final vote on whether or not to participate. "I'm always afraid to do it," he confessed.

The last time the team took such a vote was in 1982 after a 6-1 season, and the players decided not to participate in the postseason competition. "They were saying 'We'll be here again,' " Smith recalled. " 'We'll go next year.' "

"That was five years ago," he added. "I think they'll decide to go this time."

We are building systems integrating:
Sophisticated databases, formula processors, dialog generators, micro-mainframe communications, graphics, using

UNIX and C

We need professional systems architects and programmers of the highest calibre. Inhouse and Client activities - Involve a wide variety of other languages and operating environments. If you are self-directed and thrive in a dynamic environment, come visit us November 16 when we recruit.

Positions available in Cambridge, New York and Japan.

McKinsey & Company

McKinsey & Company, Inc., is an international consulting firm which specializes in problem solving for a broad range of corporate and governmental institutions. Working at the top management level, we help our clients to improve the performance of their organizations, both by resolving internal problems and by anticipating and responding effectively to external threats and opportunities. Founded in the US in 1926, McKinsey & Company now has 34 offices in 16 countries.
Playoffs may be in offing for football

By Martin Dickau

The football club has a very real chance of reaching the National Collegiate Football Association (NCFA) playoffs, according to MIT head coach Dwight Smith.

Smith said he received a call Wednesday from NCFA Commissioner Stan Gural informing him of the possible berth.

"I was surprised," the coach said. "I wasn't even considering it."

The Engineers' overall record is 4-3, and they are currently ranked fifth nationally. The top four teams will move on to postseason play.

Worcester State and St. John Fisher, both undefeated and ranked first and second, respectively, are guaranteed playoff spots. Number three Bentley, fourth-ranked Assumption, MIT, and sixth-ranked Providence are battling for the two remaining slots.

If Assumption loses Saturday's game against Worcester State, and if MIT defeats Roger Williams, the Engineers would move into the fourth and final playoff spot. If Bentley should also lose to Providence, then MIT could take over third place, according to Smith.

"It comes down to Assumption losing at Worcester and we beating Roger Williams," Smith summarized. "If Assumption wins, they're automatically in. If we lose, we don't go anywhere."

Roger Williams, once the perennial occupant of the New England Collegiate Football Conference's cellar, is now "a pretty good team," Smith said. "They always come on at the end of the year."

"Last year they were great," he added, "they have a separated shoulder, will be against Roger Williams. The game, at 1 pm in Steinbrenner Stadium, will be their last of the season.

Strong fencing teams expect to have another winning season

By Martin Dickau

A national runner-up opponent, a potential three-time individual men's foil championship, and a new weapon for women are only part of coach Eric Sollee's agenda for MIT's varsity fencing teams.

We have Notre Dame coming back," Sollee said, "it's a natural."

Mitch Messer '85, last year's Eastern Collegiate Foil-Champion, promises to be a strong foil team. Messer won '83, last year's New England Foil-Championship, will fence this year. "It's a natural Appliances," Sollee said.

Roger Williams, once "quite weak," added in reference to MIT's 40-6 thrashing at the hands of the Sea- hawks in last season's final game at Roger Williams, "I wish we were playing UMass again this week."

This year the Engineers will have the home advantage when the two schools meet in Steinbrenner Stadium Saturday at 1 pm.

Smith expects to have three injured regulars back in the lineup for Saturday's game. Dave Broecker G, who was sidelined with a separated shoulder, will be returning.

Quarterback Dave Broecker G returns to the starting lineup Saturday to lead the Engineers against Roger Williams. The game, at 1 pm in Steinbrenner Stadium, will be their last of the season.

Engineers

COME AND CHECK US OUT!

Work in the forefront of today's latest developments in high technology with Kulicke & Soffa Industries, Inc.

We're a leading designer and manufacturer of high speed, microprocessor controlled semiconductor assembly and bonding equipment located in suburban Philadelphia.

As such we can offer you total career involvement in a variety of advanced and exciting engineering projects.

Again, CHECK US OUT! Come to our information session on WEDNESDAY, NOVEMBER 14, 1984 at the Sheraton Commander, 16 Garder St. Harvard Square, Cambridge, 7 - 9 p.m. or to the session being held THURSDAY, NOVEMBER 15, 1984 in Building 4-159 from 7 - 9 p.m.

We're looking forward to meeting you to discuss employment opportunities with Kulicke & Soffa.

KULICKE and SOFFA INDUSTRIAL, INC.

Equal Opportunity Employer M/F