By Dian Ben-Asher
The Building 39 Integrated Circuit Fabrication Facility will open on schedule despite a four-week work stoppage. Anthony Colozzi, Integrated Circuit Fabrication Facility Manager, said last month, Colozzi is responsible for the design and construction of the building, which will be devoted to research into the manufacture of devices using Very Large Scale Integration (VLSI).

People are scheduled to begin moving into offices on the second half of the program, December 1, Colozzi said. Because of productivity needs to maintain clenliness and safety in the laboratory, the rest of the building will not open until later this winter, he explained.

The fifth floor research labs will be completed before Jan. 7 and Jan. 20, and the rest of the second and fourth floor labs will be phased in next March, assuming no further delays, Colozzi continued.

The union of sheet metal workers hasauthorization to strike later this month and September and voted last night whether to continue the strike, Colozzi said. "If the strike ends this week, we will be working with the workmen on the way people can move into the offices in December," he explained and "working to accelerate the building, making the best of the time.

"The air handlers might not be working [because the sheet metal workers would not be available to install them]. In that case, research would not be able to commence until Week 50, the workmen will be working with the workmen on the way people can move into the offices in December," he explained and "working to accelerate the building, making the best of the time."

The MIT and Harvard University hosted the Federation of Central American Universities, which held discussions at the MIT Department of Political Science Thursday. and the John F. Kennedy School of Government Friday.

The delegation included: presidents - elected by students of universities of Guatemala and El Salvador, and student representatives from Nicaragua and Costa Rica.

MIT's role is more than academic, they propose solutions to Central American problems and strive to "be heard in the centers of political and economic decision-making," according to a federation statement.

The delegation stressed the importance of this role in societies that have few channels to develop independent analyses.

Students and faculty members have become targets of repression because many do not see what they resemble as unjust economic and social structures, according to the statement. The intimidation is most serious in El Salvador and Guatemala, the delegators said.

Fewer student leaders have disappeared this year, said Eduardo Meyer, president of the University of El Salvador. More students must now sit on the floor unless they bring their own chairs, he continued.

Between 27 and 50 students were killed, he said.

The Salvador campus remained closed until last May. It sustained over $26 million in damage during the occupation, Parada said. Many students must now sit on the floor unless they bring their own chairs, he continued.

Traciers hold classes off campus during the four-year period. Parada said. Overall, 6000 of the universi ty's 30,000 students attended the classes in secret, since teachers and students were prime targets of paramilitary death squads, he said.

Jose Manuel Quesada, president of the student federation at the National University of Costa Rica, said Guatemalan delegators were arrested when they returned to their country after a meeting of the federation. They have not been set free, he said.

Local military actions is not the delegation's only concern. It also expressed its fear of direct US military involvement in El Salvador and Nicaragua - likely to originate from bases in Honduras, they charged.

Expansion of the military con flict could draw Costa Rica and Guatemala into the confrontation and engulf the entire region in war, according to the delegators.

The delegation said it hopes this trip will encourage American universities to play a more active role in promoting peace in the region.

The delegators also supported the Contradora process, an attempt led by Mexico, Panama, Venezuela, and Colombia to find a diplomatic formula to reduce tension in Central America.

Approximately 15 students and faculty members attended the MIT presentation, and close to 100 people were present at the Harvard forum.

By Greg Makoff
Delegates from four Central American universities gathered in Cambridge last week to address the repression and conflict they perceive in their home countries.

MIT and Harvard University hosted the Federation of Central American Universities, which held discussions at the MIT Department of Political Science Thursday and the John F. Kennedy School of Government Friday.

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By Brian E. Simonsen
The Wellesley College-MIT Residence Exchange accepted 15 MIT students this year. Thirteen women and two men make up the fourth group of MIT residents to live on the Wellesley campus since the program was reinstated in 1980.

Mary Z. Enterline, manager of residence exchange in the early 1980s but it was discontinued in 1981.

Many students must now sit on the floor unless they bring their own chairs, he continued.

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CAMPUS INTERVIEWS
at the Placement Office
Wednesday and Thursday, October 24-25, 1984

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World

Ortega alleys US attack — Nicaraguan leader Daniel Ortega Sauvedra accused the United States of planning a military offensive to prevent the Latin American nation from being 'dictated.' Ortega, speaking to the United Nations, also charged that the US was responding to Latin American peace attempts with terrorism and the installation of military bases. An official from the US State Department called the allegations " absurd."

Schultz refuses Lebanese appeal — Secretary of State George P. Schultz PhD '49 turned down a Lebanese plea to arrange the withdrawal of Israeli forces now in Lebanon. The request came because the Lebanese government will not negotiate directly with the Israeli government. There must be more agreement among all parties involved before a withdrawal is possible, he said.

Nation

ACT test scores rise — Scores on the American College Testing Program's examination rose by two-tenths of a point last year to 18.5 on a scale ranging from 1 to 36. The scores on the test have remained relatively stable, fluctuating between 18.3 and 18.6 since 1975, which marked the end of a lengthy decline that began in the 1960's. The announcement comes within a week of an announcement that Scholastic Aptitude Test scores also had risen.

Local

Massachusetts drinking age to be 21 — The Massachusetts Senate overwhelmingly voted to raise the state's drinking age from 20 to 21. The move follows federal legislation refusing millions of dollars to states with general minimum ages of 18. The move is expected to save the state's economy about $1 million a year in revenue due to the lower minimum age, but many warn about the increase in illegal drinking.

Sports

Hoy Hoy Hoy — The Chicago Cubs need just one more win over the San Diego Padres to clinch the National League pennant. Theyoutlled the Padres 13-0 before a crowd of 36,282 on Tuesday, leaving in five home runs. The 13-run margin over the mustard-colored Padres was the worst playoff beating ever. The 1984 World Series is set to begin in two days, and the Cubs need just one more win to advance to the World Series.

Weather

No wet stuff, but... — Today should be sunny, but also windy, with a low around 50. Expect temperatures of 33-40 tonight. Tomorrow will be sunny but chilly, with little chance of rain. The next few days will be cool, with no precipitation in sight.

Mr. Al Burnett will be interviewing for The Timken Company on Wednesday, October 10, 1984 starting at 8:30 a.m. We are looking for Advanced Degree candidates in Metallurgy, Material Science, Mechanical Engineering, Electrical Engineering, Computer Engineering, Industrial Engineering, and Computer Science. Please sign up at the Career Planning and Placement Office.

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Column/Charles P. Brown

Many students exceed limits

Third in a series.

These student petitions of petitions to the Committee on Academic Performance are signed by students who have had academic and financial difficulties.

The most common such petitions are requests to exceed a prescribed unit limit while on academic warning. The CAP is authorized to constrain a student's course load to a maximum of 18 units (not to exceed four subjects) for a minimum number of units after a semester of poor academic performance.

The CAP usually sets limits on the number of courses that can be enrolled in by students. For example, a student may be limited to 12 units (not to exceed three subjects) for a semester after a poor academic performance. If a student exceeds their limit, they must drop a course, or the CAP will drop one for them. Unfortunately, this just did not work.

The rationale for the credit limit is that it forces students to concentrate on their studies. At a time when a student is attempting to reverse previously poor performance and it presents an opportunity to raise their grade, they are warned about exceeding their limit on Add Date.

On the other hand, the credit limit is viewed as a safeguard against students who have had previous academic performance issues. The other credit limits that students petition to exceed are the credit limits. Freshman credit limits are viewed as a safeguard against abuses of Pass/Fail, and requests to exceed them are almost always denied.

The CAP receives a small number of petitions per semester for reinstatement or cancellation of a student's academic warning. (Please turn to page 3)

So they want to raise the drinking age? Well, I don't text will have to break ranks with Reagan on this one. I can raise the drinking age, but I can't stop a student from being 21 years old. If I can't stop a student from being 21 years old, then I can't stop him from driving drunk, either.

Drunken driving is a definite problem. Of some 50,000 automobile fatalities and some 1 million injuries each year, half of the latter occur in accidents involving drunk drivers. No matter how disproportionate their representation is in these statistics, between them, intoxicated young adults are not the problem.

"In this guy crazy?" you think to yourself, but wait. Any self-respecting liberal worth the title will laugh derisively upon hearing the words, "National Rifle Association bumper sticker proclaiming, "Guns don't kill people, people kill people!" This derision holds true when drunk drivers are truly repentant drivers' licenses fail on two counts.

Despite a driver's authority to drive while under the influence of alcohol, there is such a punishment which impact depth on the importance of driving to that individual again. This is because some such knowledge is pornographic and the advancement of their understanding of the human sexual experience, sensuality, and love.

As for jail, some politicians do not want to arrest a drunk driver if that arrest will not send the driver to jail when there has been an accident. After an accident? Most drunk drivers are truly repeat offenders after committing some kind of felony many times. Drivers who are truly repeat offenders and society gains little from imprisoning drunk drivers.

Finally, raising the drinking age has several shortcomings. It will not effect drunk driving due to the legal limit. It is not a solution to an already existing problem. The judge will be trying to punish with imprisonment anyone who is truly repentant, and society gains little from imprisoning drunk drivers.

In times such as these when sex as an obsession over the shooting of pornographic films on campus, sexual physicalism, and the advancement of their understanding of the human sexual experience, sensuality, and love. Many adults argue that sex is a waste of time, and pornographic films have obvious and irrefutable support.

The solution? Don't hold the drinking age on the shoulders of this young adult. The type of knowledge is pornographic and the advancement of their understanding of the human sexual experience, sensuality, and love.

I think of all the real problems, the ready access to pornography is one of them. It is not impeding the court for, say, six which does not drive a car is not the same asoren of the tech. It is not a problem. It is the ready access to pornography that is the real problem: the ready access to pornography.

But I do not hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem. I hold the tech as a problem.

For more information, please contact the author at charles.brown@mit.edu.
CAP considers readmissions

(Continued from page 4)

At MIT, students must be very certain before they try to withdraw. I don't think they would consider the term 'quit' if they did withdraw. What they would probably say is 'I'm not going to complete my degree. I'd rather not pay for it.'

The reason I say this is because at other institutions I have spoken at, people are able to complete their degrees without paying for them, two, or even three semesters. Students seem to have the attitude of 'I paid for this semester when they had their accounts settled. But it is extremely difficult for the committee to deny such a petition.

A working group with representatives from the area of student financial services developed and implemented a new policy starting last spring. Students who are not able to pay their bills during the semester will be allowed to finish the term and will be allowed to register for further semesters until their accounts are settled.

Finally, the CAP also receives petitions from students seeking readmission to MIT after being required to withdraw. When the CAP requires a student to withdraw, it stipulates whether the student's readmission will be through the CAP or the Office of the Dean for Student Affairs. In the past, the CAP recommended what a student could do during his absence from MIT. Beginning this year the committee has had the various academic deans and the ODS involved in these recommendations. It is almost impossible for the CAP to recommend a meaningful program for a student to follow during the short time it discusses a student's case.

Usually the CAP will readmit a student after one required withdrawal. There have been cases where students, after a required withdrawal, have been denied readmission due to a combination of terrible academic performance at MIT and a lack of progress while away from MIT. A student stands a reasonable chance of a second readmission if he has several acceptable semesters of performance at MIT and done above average work at another school or worked in a professional capacity in his field. It is extremely difficult to be admitted a third time: three strikes and you are out.

Unfortunately, the CAP cannot readily withdraw a student and deny possibility of readmission. There were several readmission petitions last year from students who had been denied readmission three, four, and even five times, yet they were petitioning again for readmission. If the committees do not write you a bluntly states that it sees no prospects for your success at MIT and recommends you go elsewhere for your education, believe it.

Moral judgements must enter policy

Second of three parts

This summer Ronald Reagan asserted that "religion and politics are necessarily related." He defended this thesis by saying that politicians cannot ignore moral issues, and that "religion is the basis of all morality." That last line got a lot of applause from the fundamentalists he was addressing, but is certainly questionable. I have known friends who would be very insulated if someone told them they had no morals. It is not clear to me that one must believe in a supreme being to be moral. In fact, when leaders of groups like the "Moral Majority" denounce atheists as evil and dangerous, they often try to make us have a rather childish view of morality: you'd better not lie, cheat, and steal because God will send you to Hell, and since atheists don't believe in God or in Hell you'd better watch out, as there's nothing stopping them.

Nonetheless, the first premise of Reagan's rhetoric is valid. Politicians cannot ignore moral issues, but they ought not to. Almost any political act has a moral dimension. Even something as mundane as a change in the tax code raises issues of fairness. (Remember Geraldine Ferraro's famous line: "[Reagan] claims to be a good Christian but I don't believe it because his politics are so terribly unfair.")

Consequently, since it is one of the jobs of religious leaders to speak out on moral issues, it seems strange to think of them as being silent during political campaigns. That is free, many will say, that doesn't have to be a line elsewhere. After all, we don't want to reestablish organized religion in the public schools, or outlaw birth control, do we? Actually, the Catholic church in America has not said recently that birth control should be outlawed; although it has renewed its in other countries."

Well, it's a free country, and if (Please turn to page 8)

Column/Joseph L. Shipman

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opinion

Should MIT be exempt from law?

To the Editor:

MIT receives request for an exemption from the state right-to-know law with respect to safety at MIT. MIT Student Pugwash, an organization concerned with the socially responsible applications of science and technology, hopes to promote discussion of safety at the Institute as an open forum for all the future.

The right-to-know law, which became effective on September 26, gives employees the right to obtain information from their employer on the potential hazards posed by chemicals in the workplace. In the request for an exemption, MIT claims that the Institute's safety practices and standards exceed the protection offered by the right-to-know law. Thus, according to MIT officials, an exemption would allow the Institute to continue successful bookkeeping required by the law, without sacrificing safety.

Student Pugwash would like to hear what the Institute community thinks about safety at MIT. Pugwash is concerned that MIT's request for exemption may not address certain potential safety problems. We would like to raise two questions for the MIT community to consider: the role of advisors in informing lab members of potential hazards, and the question of adequacy of safety instruction offered by chemicals which may have chronic or long-term effects.

Safety information and advice is available at MIT from several offices, including the safety office and the environmental medical service. These offices do not have any "policing" function. The responsibility for informing lab workers and students of potential hazards is in the lab, and for monitoring their procedures, falls predominantly upon faculty advisors or principal investigators.

Do advisors take an active role in informing their students of potential hazards? Many advisors are active in the lab, and may therefore be unaware of their students' practices. Furthermore, if students have not received guidance from their advisors, or have disagreed with them on safety issues, they may be reluctant to air those positions, fearing that it could damage the student/advisor relationship.

One justification for the exemption is MIT's apparently excellent safety record. According to John M. Fresina, Director of the Safety Office, there have been only twelve serious accidents requiring student hospitalization at MIT in the last twenty years. Although this is certainly commendable, one might ask how many less serious accidents go unreported.

Also, there could by many instances when students or staff are exposed to hazardous levels of chemicals or radiation, knowingly or unknowingly, but do not require hospitalization. Such cases may go unreported because the potential effects are uncertain. This law raises the question of whether accident statistics are a meaningful measure of safety.

Student Pugwash would like to present an offer to John M. Fresina, Director of the Safety Office, that there have been excellent safety record. According to John M. Fresina, Director of the Safety Office, there have been only twelve serious accidents requiring student hospitalization at MIT in the last twenty years. Although this is certainly commendable, one might ask how many less serious accidents go unreported.

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FRIDAY, OCTOBER 5, 1984 The Tech PAGE 7

Likes pornography

(Continued from page 4) to brighten their sexual awareness by seeing new and different sexual acts, situations, and roles and to analyze them from an objective point of view. I have seen pornographic movies with large and small groups of friends (both male and female, girlfriends, and alone, and all agree the experience was educational.

Pornographic films relieve me of suppressed sexual anxieties and free my mind for activities such as school work. I feel that pornographic films are educational, enlightening, and enjoyable. I'm not asking anyone to adopt my opinion, nor am I saying that I am right and you are wrong. All I ask is for you to understand that I am right and you are wrong. All I ask is for you to understand and accept my opinion. I am not a criminal, nor a violent person. I have many friends who trust me, and have even told me I am a fairly competent boyfriend by past girlfriends. As far as pornographic viewers at MIT are concerned, I am the rule, not the exception. I don't think anyone in this community to tell me that I am any less moral than they. Nobody has the right to dictate what is right or wrong in such a far as pornography goes, it is all opinion. It is a violation of my First Amendment rights to attempt to hinder my enjoyment of these movies. I respect and understand other persons' opinions and beliefs and I request only the same courtey.

I believe the demand for pornographic film is quite high here, judging by the lines that form around them, and I believe that MIT should remain objective and allow students to choose their own entertainment. I thank the Lecture Series Committee for treating the students as mature adults, rather than as children at a summer camp, bringing mature themes to the screen and sparing me the ruin of walking through the Combat Zone at night.

If you don't like porn films then don't go see them. Surely there must be some other activity you could think of doing during the one or two nights a term they are shown. Again, I feel very strongly on this issue and welcome the opportunity to confront opposing opinions.

Warren Jay Katz '86

feedback

ALL PRO CAREER OPPORTUNITIES

Step up to the first string at the National Security Agency.

ELECTRONIC ENGINEERING There are opportunities in a variety of research and development projects ranging from individual equipments to very complex interactive systems involving large numbers of microprocessors, minicomputers and computer graphics. Professional growth is enhanced through interaction with highly experienced NSA professionals and through contacts in the industrial and academic worlds. Facilities for engineering analysis and design automation are among the best available.

COMPUTER SCIENCE At NSA you'
**School of Management, ESC-311 and begin at 4:15 pm. Everybody is welcome.**

Friday, Oct. 12

The United States Air Force will have a specialty theater visit at MIT to inform students with current Air Force programs and career opportunities. The van will be located between Buildings 33 and 9 on Mass Ave from 10 am to 3 pm.

Sunday, Oct. 14

The MIT European Club announces a foliage trip to Sandwich, N.H., in the White Mts., NH. Leave at 8 am, return at 5 pm. For more information and reservations call Manfred 623-2986 (home), Guilemonte x3-6483 (day). Members and non-members welcome.

Monday, Oct. 15

Teach an adult to read. If you have just 2 hours a week to spare you can become a volunteer tutor reading ESL tutor and help one of Boston's 100,000 illiterate adults learn to read. The Adult Literacy Resource Institute is offering tutor training from 6 to 9 pm at 623 Huntington Avenue, Administration Building. Room 210. To persons interested in volunteering at one of the 15 learning centers serviced by the Institute. No prior teaching experience is required and a high school diploma and a desire to help. Call Sandra Johnston-Smoke at 252-4885 or 734-1960 ext. 112 for details.

**Tuesday, Oct. 16**

A career workshop on "What Am I Worth? Negotiating Your Salary," sponsored by the Jewish Vocational Service, will be held from 7:30 to 9:30 pm at Congenial Jewish Community Campus, 335 Nahant Street, Newton Centre, MA. Fee is $15. To pre-register please contact Meryl Glens 723-2846 or Emily Kinzel 965-7840.

**Wednesday, Oct. 10**

Israel Hospital’s Quit Smoking Program helps participants master the art of controlling the urge through hypnosis, relaxation techniques, and the use of new Nicorette gum. New group begins today. For more information, call 921-3151.

**Thursday, Oct. 11**

The MIT International Shipping Club announces its first fall meeting and plans to name Mr. Richard Daschbach, former MD of the MIT Transportation Office, as the club's official representative. The meeting will be held on Thursday, Oct. 11, at 7:30 pm in the Aeronautical Engineering Building. All members and non-members are welcome.

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opinion

Column/Adam B. Rosen
Sex, drugs, and cockroaches

"NEW HAVEN - Chemists at Yale University have produced a synthetic cockroach aphrodisiac...the result could be a new way of killing Periplaneta americana, the American cockroach, which now infests seven continents and is particularly well known in the New York metropolitan area." -- The New York Times, Wednesday, September 26, 1984.

Will wonders never cease? Within ten days of my column on the roach problem at MIT ["Killing roaches in the dorms" September 15], Yale scientists announced a solution. Maybe those Ivy boys have something on the Ivy girls.

A chemical substance, periplanone-B, is used to lure male cockroaches into a trap. When the roach problem at MIT "Kill the roach side. Besides, if they've got to die this seems like a fantastic way. Before passing judgment, one final quote from the article is appropriate:

"The only person who took the project seriously, Dr. Schreiber said, was his wife, who asked him to wash his hands more carefully than usual for fear any pheromone on them would one day bring home a trail of cockroaches." The defense rests.

"I-- --<::_~--·~~·-d~·-~·--p
The article continues, "It is often means having broken antennae, gnawed legs and tattered wings." Presumably, that would be enough to kill your average cockroach. But what of these few, resilient individuals who, far from dying, thrive on this kind of sexual activity? We would have produced a race of super-cockroaches, living twice as long as normal, whose sole intentions would be finding periplanone-B and getting their kicks. Once they learned to handle their newfound sexuality they would start having more babies, who would, in turn, repeat the process, ad infinitum. My, my, what a maelstrom of sexuality they would start having periplanone-B and that these few, tolerant to or dependence upon sub-group could survive, with a few in number and easy to kill. Conventional anti-cockroach weapons would still work against them."

Dan Scott

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- CONTROL THEORY
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- COMPUTER SCIENCE
- CIRCUIT DESIGN/ANALYSIS

TECHNICAL MANAGERS AND ENGINEERS WILL BE PRESENT

BLDG. 4, ROOM 149
THURSDAY, OCTOBER 18, 1984
5:00-7:00 PM

- REFRESHMENTS --

(EMPLOYMENT INTERVIEWS WEDNESDAY, OCTOBER 24TH.)

PLEASE BE SURE TO ATTEND OUR RECEPTION AT THE PHI GAMMA DELTA FRATHERNITY, 28 THE FENWAY, ON OCTOBER 20TH, AT 5:00 PM.

Hughes Aircraft Company

U.S. Citizenship Required for Employment
Equal Opportunity Employer
Husker does

Zen Arcade, a new double LP by Husker Du on SST records, $10: 75 minutes.

Let's start by saying that this latest release, Zen Arcade, from Husker Du is a bit different. In fact, Husker Du itself is a bit different. For those of you who are unfamiliar with them, Husker Du is Scandinavian phrase meaning "do you remember") is a hardcore band from Minneapolis (the same city that brought us the phenomenon of Prince). Since their emergence around 1980 they have attracted a fairly large following among the hardcore crowd. To date they have released one live LP; two EP's, and one 45. Last year's Meat Circus EP gave just a slight hint of what was to come on Zen Arcade.

Zen Arcade is a double LP, which is very unusual for a hardcore band. Most bands of this genre have a hard enough time putting out a single LP. (The Minutemen, another hardcore band, have also just put out a double LP, but that is another review.) Make no mistake about it, however, there is not one second of filler on this record. This is not just four sides of heavy-metal power chord-washing from folk-rock to the classics of Bo Diddley. Within the four sides of this album - heavy- metal power chord-washing, or four songs. "Beyond the Threshold" and "Process of Reoccurring" (which is actually a portion of "Reocurring Dreams") are at the top of the hardcore heap. The thirteen-minute instrumental "Reoccurring Dreams" does not even resemble anything else on it. Most of the other songs are in the same vein. Guitarist Mould and drummer Hart are so close in their voices as they trade off vocals. They seem very concerned about the present state of affairs, and there is extreme urgency in their voices as they trade off vocals. In songs like "Turn on the News," they exhibit no hesitation in their view of the world:

If there's one thing that I can't explain
It's why the world has to have so much pain
With all the ways of communicating.
We can't put in touch with who we're being
So turn on, turn on, turn on the news
Music keeps us away from who we're loving.

"Reoccurring Dreams" is played entirely with an acoustic guitar (and this band is called hardcore!), and its lyric is basically in tone of the rest of the album. But it could easily be mistaken for something from R.E.M. Husker Du also plays some studio aptitude on "Dreams Reoccurring" (which is actually a portion of "Reoccurring Dreams" played in reverse) and on the backing tapes for "Hard Kressa."

Side two contains the album's hardest songs. "Beyond the Threshold" and "Presid- ence" are at the top of the hardcore heap. The thirteen-minute instrumental "Reoc- curring Dreams" concludes the album, and it is totally unlike anything else on it. Mould, Norton, and Hart all display proficiency on their instruments, and in spite of its length, "Reoccurring Dreams" does not even approach boredom. At times it is very reminiscent of some of Jimi Hendrix's live jams.

Zen Arcade establishes Husker Du as one of the most important bands of any type to come out of the early 1980's surge of bands. This album is worth listening to, even just for the wide range of styles that it displays. Husker Du obviously has a message to get across in their music and lyrics. They don't preach, they observe, and some of their observations are more than you would expect from a hardcore band.

Don't be put off by the price of a double LP; buy this album.

Adam Ryssdal

The Only Real Cantonese Restaurant Outside of Chinatown

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TALK TO DRAPER

Wednesday, October 17, 1984
M.I.T.

BS/MS/PHD Candidates - join some of the nation's most respected and innovative people at developing innovative and fascinating new technologies. As a leading hand-on "working laboratory" in Technology Square, we offer a unique environment for your career to grow and develop. Positions are currently available for candidates in Electrical Engineering, Mechanical Engineering, Computer Science, and Aeronautics in the following areas:

- Control Systems Design
- Software Development
- Device Evaluation
- Analog/Digital Design
- Spacecraft Dynamics
- Underwater
- Exploration Systems
- Structural Engineering
- Manufacturing Systems
- Robotics/Automation
- Navigation Analysis
- Electronic System Engineering
- Optics
- Instrumentation
- System Development

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INFORMATIONAL GROUP MEETING* INTERVIEW SCHEDULE

Details available at your Placement Office. We are an equal opportunity affirmative action employer. M.F. U.S. Citizenship required.

The Charles Stark Draper Laboratory, Inc.
Welcome to the first long weekend of the coming fall. Here are some ideas for the motivated student wishing to do something different.

Most of these suggestions require a car. If you do not have one, National Car Rental has locations at Logan Airport open 24 hours a day, although if you want to go to Logan, try Alumni, which has the cheapest deal in town.

Suggestion #1: Fall Foliage Tour. Take Route 93 from Boston up to Concord, New Hampshire, and then east to the border. Along the way, visit the Blue Hills Trailside Museum, the Museum at 333-0690. In the fall, the museum is open 365 days a year, so you can have locations at Logan Airport open 24 hours a day, although if you want to go to Logan, try Alumni, which has the cheapest deal in town.

Suggestion #2: Provincetown, Massachusetts. Believe it or not, this little hamlet has festivals open 365 days a year. Provincetown is known primarily as an art town that is open all year round. The area houses a number of artists and art students. Your unassuming little town on the Cape is open 365 days a year.

Suggestion #3: Provincetown, Massachusetts. Believe it or not, this little hamlet has festivals open 365 days a year. Provincetown is known primarily as an art town that is open all year round. The area houses a number of artists and art students. Your unassuming little town on the Cape is open 365 days a year.

Suggestion #4: The Freedom Trail, Boston. Situated in the historic locations in Boston on a two hour walking tour of the city. Start at the Common just down Tremont Street from the Park Street "T" station. For $1 you can get a book describing all the old churches, houses, and government buildings along the way. If you want to follow the red walk, the routes start from the Common and end in Charlestown at the U.S. Constitution.

Suggestion #5: The Museum of Fine Arts, Boston. Presented by the "Artist" Archeology "E" branch of the Great Gals, the MFA holds fantastic collections of Impressionism, American and ancient arts, Renaissance Italian and French works, and an amazing collection of ethnography. Your MIT ID will get you in for free! Visit it once, even if you do not think you like art. The Museum also hosts an excellent concert series, often featuring instrumentals and vocal collectives. Such as the Boston Symphony, which plays works of Seymour Shifrin, at 6:30 pm. James Galway will be soloist with the Boston Symphony at 7:30 and Jordan Hall at 8 pm. This reviewer will never again take the space program. In the future of the space program. In the future of the space program. In the future of the space program. In the future of the space program.

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The best has a taste all its own.

A taste that's not easy to find. It's something you have to strive for. In everything you do. And when you've done it, when you've found the best in yourself, taste it in the beer you drink.

Ask for Bud Light.

Bring out your best.
Going for baroque

Banchetto Musicale opened their season September 28 at 8 pm. First and Second Church, Boston. Boston Museum Trio with counter-tenor Jeffrey Gall at the Museum of Fine Arts, September 30 at 3 pm.

And the first weekend of the Boston baroque season ended in triumph with the inauguration of the new Willard Martin harpsichord in a more-than-overflows MIT chapel on September 30 at 8 pm.

The Boston Museum Trio performs at the Museum of Fine Arts

The ensemble was well balanced in a dynamic performance of the Banchetto in C minor for two harpsichords, BWV 1059. The fluid violin playing of Gerald Elias was particularly notable, and the unadorned contributions of Michael Curry’s cellos and Timothy Pitts’ bass added depth and dimension to the ensemble work. The free floating counterpoints for this esteemed role were further demonstrated in the Banchetto in D minor, BWV 1030. The sweetness of Fenwick Smith’s flute, carefully paced and full of color less characterize the Banchetto in B minor, BWV 1050.

The opening in the Brandenburg Concerto No. 5 had an easy airiness to it, thanks particularly to the network of Fenwick Smith. The subsequent build up of interrelated sonorities, culminating in an exhilarating rendition of the harpsichord cadenza in James Christie’s best performance, the concerto continued, intricate harmonies of the baroque playing on the harpsichords. Now, the Chapel was filled to normal capacity. This concert, however, was widely advertised and was, furthermore, free, so the resulting crush was not altogether surprising. Still, a seat in the “front row” gave the unusual opportunity to sit in the middle of the players, and, therefore, close encounters with violins, strings, and cellos, luckily no bow came into play. The entire Bach adagio assisted on the rather cold floor.

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James Martin Christe, Institute Organist, started the concert with Bach’s Fugue in D. BWV 912; it was a performance marked by moments of stoppage.

The warmth of Fenwick Smith’s flute, carefully paced and full of color less characterize the Fugue Sonata in B minor, BWV 1030.

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AT TIMEPLEX YOU'LL GROW WITH THE WORLD'S NEWEST MAJOR INDUSTRY... DATA COMMUNICATIONS
Thursday, Oct. 18

Meeting for students interested in medicine will be held at 10 am in Room 75-252. Topic to include: pre-medical requirements, office procedures, pre-medical advice, and handbooks and materials. Sponsored by the Office of Career Services and Preprofessional Advising. For further information, contact Ann x3-4737, Room 12-170.

A seminar entitled "Competition for Internships" sponsored by the Research Program on Communications Policy, will be held at 4 pm in the Marlar Lounge, Room 27-252, 70 Vassar Street. Speakers are Christopher Vinas, Orion Satellite Corporation and Joseph Pellet, settles.

Monday, Oct. 22

Beth Israel Hospital is offering a new therapy group for women who have been sexually assaulted. The session will begin at 6 pm and will meet weekly. For more information call 755-4738.

Tuesday, Oct. 23

A panel on "Careers in T.V. and Radio Broadcasting," sponsored by the Jewish Vocational Service, will be held from 7-30 to 9-30 pm at Gosman Jewish Community Campus, 333 Na-...
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software development and
software support for a team
of scientists and engineers
working on the development
of electron beam semicon-
ductor production equipment.
Candidates must have
proven skills in VAX/VMS,
C, assembly language, and
microprocessor-based hard-
ware control. For further
information contact Jerry
Roy at 861-0820.

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curriculum, place-
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• Tour Tuck's ex-
ternal facilities
• Meet with an
Admissions Officer
• Be Tuck's guest for
breakfast and lunch
For more details,
check with your campus Placement Office or
call Tuck Admissions Office (603) 646-3162

YOM KIPPUR
SERVICES
5745/1984
REFORM (Chapel) *
Friday, October 5, 7:00 pm
Saturday, October 6, 10:00 am & 6:30 pm

CONSERVATIVE (Suu. Ctr. Sala de Puerto Rico)
Friday, October 5, Mincha at 5:30 pm
Kol Nidre at 5:45 pm
Saturday, October 6, 8:30 am & 3:45 pm

ORTHODOX (Suu. Ctr. Mezzanine Lounge)
Friday, October 5, Mincha at 3:30 pm
Kol Nidre at 3:45 pm
Saturday, October 6, 8:30 am & 3:45 pm

A community break last
will be held in the Sala de Puerto
Rico for participants of all services

* Reform Services are co-sponsored by the DHEC College Education Dept.
The annual Harry S. Truman Scholarship Awards will be made to current college sophomores in good standing who are US citizens or nationals. Two MIT students will be nominated by the Institute. The awards will be for $5,000 and are renewable for the senior year and for up to two years of graduate study. Any sophomore wishing to be considered should contact Dr. Louis Menioad JI., Room 3-234, x7752. NOT LATER THAN OCTOBER 5, 1984.

HELP YOURSELF TELETHON

*Help Yourself to Pizza
*Help Yourself to Prizes
*Help Yourself to A Night of Fun!

Raise Money for Student Financial Aid
Bush Rm. 10-105

Call Lauren x3-8281

A student bites a teacher. The school psychologist goes berserk. The substitute teacher is a certified lunatic. And students graduate who can't read or write.

It's Monday morning at JFK High.
notices

Announcements

The Huguenot Society of America provides a $1000 scholarship annually to one student at MIT, who is descended by the insti-
tute, and who presents to the So-
ciety a veritable line of descent from a Huguenot family. This scholarship is presently open, and application forms are available in the Student Financial Aid Office.

The Jeffrey M. Frank Scholar-
ship for Fall 1984 is currently available through the Combined Jewish Philanthropies. Preference will be given to Jewish students from the greater Boston area. Please contact Lucy Van der Wiel or Lisa Oteri in the Student Financial Aid Office for further information.

The German Academic Exchange Service (DAAD) promotes the availability of scholarships for students, faculty members, and German Studies Summer Seminar at the University of Marburg during June/July 1985. This 4-week course is designed for faculty members. Additional German Studies Summer Seminar at the University of Marburg during June/July 1985. The seminar includes intensive language courses 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. Interested students may contact the offices of the German Studies program at the University of Massachusetts, Amherst, or by calling 212-599-0464.

The National Consortium for Graduate Degrees for Minority Women in Engineering, Inc. (GEM) is now accepting applications for its Graduate Fellowship Program which will provide hundred-
ty awards to minority students who are engineering students. Candidates for participation must be American Indian, Black American, Mexi-
can American, or Puerto Rican. Each fellowship pays full tuition and fees at a member university. A stipend of $1000 for the academic year, as well as full graduate assistantship support at a research-oriented institution, is offered. Deadline for application material is December 1, 1984. For further in-
formation, contact: Graduate Fellow-
tship Office, 535 Fifth Avenue, Suite 1107, New York, NY 10017. Please contact Lucy Van der Wiel in the Student Financial Aid Office for further information.

The MIT Medical Department Pharmacy is extending its hours of operation. As of Tuesday, September 24, the Pharmacy will be open from 8:30 am to 5:30 pm. To take full advantage of these earlier hours, prescriptions may be called in a day in advance and can then be picked up the follow-
ing morning.

Interested in children? Trans-
portation? 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 studies in any subject. Credit may be available. For more information, call 498-9218.

ON CAMPUS THURSDAY OCTOBER 18

Ask your Placement Office for details on our upcoming campus visit, or see our ad in this paper on Tuesday, October 16. 

University of California

Lawrence Livermore
National Laboratory

P.O. Box 80, L. L. L., Livermore, CA 94550

MICROSOFT CORPORATION is seeking EXCEPTIONAL SYSTEMS DESIGN PROGRAMMERS to work on multi-tasking operating systems, networking, advanced computer, interactive systems, graphics, productivity applications and more. You'll be working on software such as the Macintosh and other 16- and 32-bit Micros (286, 386, 68000) so new as some haven't been publicly introduced. This is a place where you can explore beyond the boundaries of your experience and the atmosphere couldn't be better. Microsoft provides the best systems programming work environment:

- flexible working hours, private offices, comfortable lounges where you can sit and talk around a problem into submission,
- even refrigerators full of free soda and hot coffee, and the hardware... all the high-level hardware (DEC-20, PDP 11, VAX, SUN 68000 machines) and software development tools you'll need in a small company with lots of interaction and sharing of ideas and methods where you can develop your full potential.

Microsoft is owned and operated by the same people of broad vision who produced the first microcomputer system software (BASIC), the first plug-in processor (SoftCard), the first top-of-the-line computer (Tandy, M100, and other firsts and the hottest Bill Gates and Paul Allen are technical wizards themselves. They understand the work and they understand people like themselves who have the drive to be the best. You work at Microsoft matters. It will be used by millions of people. There's a lot of satisfaction in that. Microsoft will give you a chance to show the world yourself just how good you are.

To make a good thing better, Microsoft is located in the center of a historic, wooded campus just 15 minutes from the major sports and cultural activities of the city of Seattle. Life is casual, but active with a wide variety of outdoor activities, mountains for skiing and hiking, lakes, ocean, etc.

We want programmers who will create Microsoft High Performance Software. You will have top skills, top grades and achievements (and have demonstrated talent in software development and systems programming through relevant experience such as summer employment, work at a computer center, graduate research or as a professional work experience). You will possess a sound base of technical knowledge and show an eagerness to learn and grow. You must meet these qualifications for you to desire to work with the best! Microsoft offers an excellent compensation and benefits package. Jo Ann Rahal, Technical Recruiter, Dept. VA, MICROSOFT CORPORATION, 1000 Northwood Way, Box 9700, Bellevue, Washington 98009. We are an equal opportunity employer.

MICROSOFT CORPORATION

High Performance Software

We will be interviewing on campus Friday, October 19, 1984. Please contact your career placement office for schedule information.

PAGE 20 The Tech FRIDAY, OCTOBER 5, 1984
THE 1984 HONEYWELL FUTURIST AWARDS COMPETITION

TRAVEL AGENDA: Your mission, should you decide to accept, is to imagine yourself 25 years into the future, take a look around and write three essays of up to 500 words each. For the first two essays, you are to write about significant developments in any two of the following subject areas:

1) Electronic Communications, 2) Energy, 3) Marine Systems, 4) Aerospace, 5) Biomedical Technology or 6) Computers. In a third essay, you are to write about the societal impact of the changes you've predicted. Your entries will be judged according to creativity (30%), feasibility (30%), clarity of expression (30%) and legibility (10%).

PASSENGER QUALIFICATIONS: Any person enrolled as a regular full-time student at an accredited U.S. college or university may enter, with the exception of full-time faculty members, previous winners and Honeywell employees.

PACKING LIST: To enter the contest, type or clearly print your name, address, college and declared major on an 8x11" sheet of paper. You will also need your T-shirt size so we can send you a Honeywell Futurist T-shirt designed by French illustrator Jean Michel Folon. Each of the three essays should be typed, double-spaced, on separate 8 1/2 x 11" sheets without your name at the top. All sheets should be stapled together and sent, unfolded, to: The Honeywell Futurist Awards Competition, P.O. Box 2009F, 600 South County Road 18, Minneapolis, Minnesota 55426. All entries must be postmarked no later than December 31, 1984. Winners will be notified by mail by February 1, 1985. All prizes will be awarded.

PAYLOAD: A total of 30 winners will be selected and awarded the following prizes:

10 First Place Winners will receive $2,000 and an all-expense paid trip for two to the Honeywell Futurist Awards Banquet in Minneapolis. They will also be offered a paid 1985 Honeywell Summer Internship.

10 Second Place Winners will receive $200.

10 Honorable Mention Winners will receive $100.

All entries are subject to official rules and regulations for participation and entry. Entries must be original and cannot be received by anyone affiliated with Honeywell, Inc. or the judges. For rules, write: Futurist Rules, P.O. Box 2009, 600 South County Road 18, Minneapolis, Minnesota 55426.

Together, we can find the answers.
World Series next week

In all four divisions, different teams have won in each of the last three years. None of the 1984 divisional champions have won the World Series in recent years. The Tigers sported their own since the 1950s, the Cubs haven't won since the 1940s, and the Padres and Royals have never won it.

A World Series pitting the Cubs against the Tigers would be good for baseball nostalgia. Their home stadiums are two of the oldest parks in major league baseball and both teams have been around for decades.

The Padres and the Royals have legitimate shots at the series, though, even if they are now at a disadvantage. In short series, any team can beat any other team.

But, as Howard Cosell said Tuesday night: "Mr. Rickey said luck was the residue of desire."

Fairchild Memory & High Speed Logic Division, located in Puyallup, Washington, designs and manufactures a top quality line of MOS memory, high performance ECL logic, bipolar RAM and programmable products. The evolutionary nature of our industry assures that we will remain in the vanguard of technological advancements.

The Fairchild commitment to the achievement of excellence is reflected in the multi-million dollar investment in our brand new Puyallup facility. We have brought together top engineering, design and manufacturing experts, highly sophisticated real-time computers for computer-controlled production, multi-MUX work stations supporting wafer fabrication efforts, and other advanced support equipment and manufacturing techniques. Your career will be advanced by our many current technological challenges and aggressive plans for the future.

The quality of your life will be enriched by living and working in the Great Northwest. Located just outside Tacoma, Puyallup boasts a mild climate, affordable housing, incredible outdoor recreational opportunities, nearby cultural attractions and a more relaxed way of life. Fairchild's Memory & High Speed Logic Division has it all for you and your career—the technology, the facility and the Great Northwest.

Fairchild Memory & High Speed Logic Division, P.O. Box 500, Puyallup, Washington 98373
Update

Water polo team ahead 6-5-1

The water polo team hosted the MIT Invitational tournament Saturday, coming away with a pair of wins, a tie, and a loss.

The squad opened the competition with an 8-6 loss to the Brown "B" team, but the Engineers went on to defeat Williams, 36-29, and trounce Stonehill, 54-42.

The tournament results raise MIT's record to 6-5-1 on the season. The team will travel to Harvard Saturday and participate in the New England League Tournament. Harvard is ranked eighth in the East in the latest coaches poll. MIT is ranked 10th.

Women's tennis romps

The women's tennis team raised its record to 6-1 and extended its winning streak to three games with an 8-1 pounding of visiting Clark Tuesday afternoon.

The squad hosted Babson yesterday afternoon, and visits Wheaton Saturday. The Engineers will travel home next Friday for a 3:30 pm match against Salve Regina.

Fall varsity captains

The following students have been selected as captains for their respective varsity teams:

- Michael DiChristina '85, Vincent Martinelli '85 and John Trantillo '85 are the tri-captains for the baseball team.
- Women's cross country has chosen Sarah de Leon '85 as its captain.
- Julie Chen '86 and Stacy Thompson '86 share the seat on the women's field hockey team.
- The football club's captaincy has been awarded to Michael Andreo '85 and John Newton '85.
- Robert Irion '85 and David Lineman '85 co-captain the golf team.
- Stephen Paradilla '85 is the single captain of the men's sailing squad, while the women have picked Marlan Evans '85 and Melody Cowey '85.

Last Week's Results

The Bentley College Falcons took advantage of AIC's junior varsity squad, coming away with a 24-17 win.

Providence extended the UMass-Boston's losing streak to two games, as the Friars defeated the Beacons, 34-12.

Stonehill and Assumption hooked up in a close battle, with the Chieftains coming out on the winning end of the 20-14 score.

Worcester State demonstrated once again why it is ranked first in the nation with a 29-9 pasting of Roger Williams in the Lancers' first league game.

Saturday's Schedule

- Assumption at Providence, 1 pm.
- Manhattan at MIT, 1:30 pm.
- Stonehill at Roger Williams, 1:30 pm.
- UMass-Boston at Worcester State, 1 pm.

If you're looking forward to advanced research and development projects that stretch the imagination, Lockheed is looking forward to meeting you.

Lockheed-California Company will host an informal discussion covering career opportunities, company products (including the record-breaking SR-71 Blackbird), aerospace employment outlook, and answers to your personal questions.

All students are invited to meet company representatives on October 10. Personal interviews will be held on October 11 and October 12.

Sign up at your campus placement office. And make plans to graduate into a universe of career opportunity when you build your future with Lockheed. Lockheed is an equal opportunity, affirmative action employer. U.S. citizenship required.
Debaters flame anew

By Lisa Y. Bell

After two years of inactivity, the debate team started the 1984 season with a first-place varsity win, first and second-place speaker’s awards, and an overall team record of 8-4.

Three two-man teams travelled to the University of Rhode Island to debate this year’s Cross-Examination Debate Association (CEDA) fall resolution: “The method of conducting presidential elections in the United States is detrimental to democracy.”

Each team debated four rounds — two for the resolution and two against. A round consists of four sequences of debate, alternating between the affirmative and negative. A sequence consists of a constructive case, cross-examination, and rebuttal delivered in an 8-4-3-minute format.

Every team member must give a constructive case, a cross-examination, and a rebuttal sometime in the round. Points are awarded at the end of each sequence on the basis of argument cohesiveness and delivery. The team with the most points at the end of the hour wins the round.

Twenty-five teams from 10 colleges participated in the competition, including the US Military Academy, Emerson College, St. Anselm’s College, St. John’s College, Bridgewater State College, University of Pennsylvania, Claire Anne College, and Southern Connecticut State University.

Team captain Derryl Mavis ’88 and his partner Richard Seitz ’88 went undefeated to clinch the first-place varsity trophy. The pair also took the first and second speaker awards, respectively.

MIT’s two other teams split their rounds. Anthony Polito ’86 and Tony Pac ’88 scored one of their victories when they were pitced against teammates Elizabeth Deeberry ’88 and Brian Baker ’86.

“The team’s performance gives MIT the credibility it needs to go against even tougher competition later in the season,” Mavis said.

The speech team will join the debate team at the West Point Speech and Debate Tournament, Oct. 12 to 14, to compete in what they expect to be the toughest tournament of the season.

“mt’s October 5, 1984

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Sports

Bioengineering Research Technician Needed

Unexpected and immediate vacancy in active growing spine biomechanics laboratory, rehabilitation engineering center. Career development potential.

Clinical research involvement. Research experience and/or mechanical engineering background desired.

Contact:
Martin Krag, M.D.
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Burlington, VT 05405
(802) 656-4639

POSTGRADUATE POSITION for a TECHNICAL WRITER in the U.S. DEPARTMENT OF ENERGY

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Applications are being accepted for a 1-2 year postgraduate appointment involving technical writing and editing, news and feature writing, technical information correspondence, and abstracting. Position supports research laboratory technical information program. Applicant should have well developed technical writing skills, relevant experience, and effective interpersonal communication skills. Previous energy-related work experience and familiarity with R&D laboratories would be helpful. Application must include cover letter, resume, and three references. Application materials must be received by November 15 for possible January start.

Contact: Dr. William M. Mitchell
Postgraduate Research Training Program
Oak Ridge Associated Universities
P.O. Box 117
Oak Ridge, TN 37831-0117
(615) 576-3190

This is an equal opportunity program open to all qualified persons without regard to race, sex, creed, color, handicap, or national origin.

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Who?

BS and MS candidates in electrical engineering, computer science, mechanical engineering, chemical engineering, aeronautical engineering and nuclear engineering.

What?

Informational meeting on career opportunities within the General Electric Company. Recent MIT grads will provide their views on the transition from MIT to GE via various entry level alternatives:

• Edison Engineering Program
• Manufacturing Management Program
• Chemical-Metallurgical Management Program
• Software Technology Program
• Individualized Direct Placement

Opportunities exist in such fields as:

• Artificial Intelligence
• Expert Systems
• VLSI
• Robotics
• CAD/CAE/CAM
• Computer Graphics
• Control Systems
• Metallurgy
• Ceramics
• Software Engineering
• Signal Processing

When and Where?

Monday, October 15, 4:00-5:00 p.m., Faculty Club Penthouse (7th Floor) 50 Memorial Drive, Bldg. E52

What else?
Wine and cheese informal mixer with various GE technical recruiters.

When and Where?

Immediately following recent MIT graduate’s presentations 5:00-6:00 p.m., Faculty Club Lounge (6th Floor)

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