

Engineering majors up from last year

By Annabelle Boyd

The School of Engineering attracted 64.5 percent of those members of the Class of 1992 who have declared majors, according to the Registrar's current account. This figure represents a small increase from last year when 61.9 percent of declared majors were in engineering.

Seventy out of this year's 1044 sophomores have yet to choose a department. Students are not required to designate majors until the end of the sophomore year.

The percentage of students entering the Department of Electrical Engineering and Computer Science rose slightly over last year, ending a three-year downward trend in enrollment. Of those students who declared majors, 266 (27.3 percent) declared majors in EECS. That department had been chosen by 24.3 percent of the Class of 1991. Just three years ago, 33 percent of the freshman class declared Course VI. This was the first year trans-

fer students were allowed to major in EECS.

More members of the Class of 1992 declared majors in EECS than in the second and third place departments — mechanical engineering and aeronautics and astronautics — combined. Mechanical engineering showed a slight rise from the last year, as did aeronautics and astronautics. One hundred and fifty-one students declared Course II and 77 students opted for Course XVI.

Chemical engineering attracted 61 majors, compared to 47 last year. Nuclear engineering got 4 new majors, while 39 members of the Class of 1992 decided to major in materials science and engineering. Civil engineering showed a substantial drop in its share, falling from 42 new students last year to 27 this year.

About 22.8 percent of the Class of 1992 who picked departments chose to major in the School of Science — a moderate decrease from last year's 25.2

percent. The school has so far attracted 223 new students. Most of the science departments recruited roughly the same percentage of students this year as last. Only biology showed a substantial dip in majors. Ninety-eight students from the Class of 1991 chose to major in biology, while only 78 students in the Class of 1992 made that same decision. Mathematics gained 14 more students than it did last year, with a total of 45 members of the Class of 1992 declaring Course XVIII.

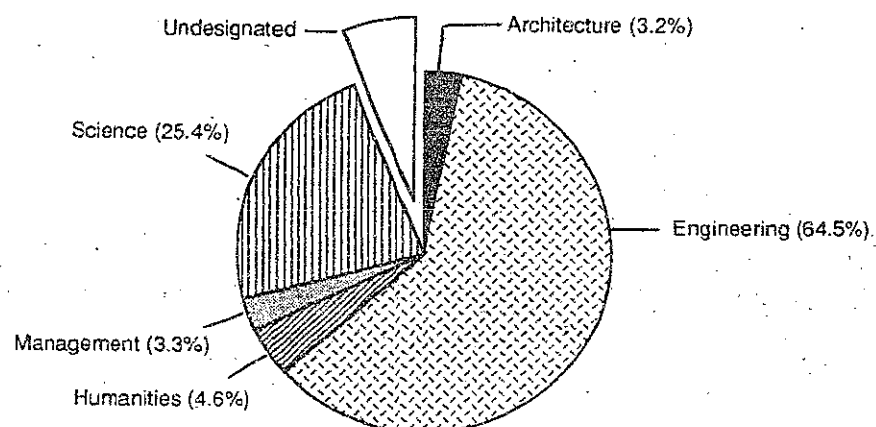
The number of students entering the School of Architecture and Planning dropped to 31 from last year's 47. The Department of Brain and Cognitive Sciences, which is in the Whitaker College of Health Sciences, Technology and Management, has so far attracted 15 new students. The Sloan School of Management drew 32 majors — 12 less than last year.

The School of Humanities and Social Science registered a drop in its percentage of majors — to 4.6 percent from last year's 5.8 percent. Political science showed a marked increase in new enrollment, with 16 majors joining the department, seven more than last year. Economics experienced a sharp decline in its share of majors, recruiting only 23 new members, compared with 40 last year.



Ken Church/The Tech
William Shatner spoke in Kresge to MIT students last Tuesday. The event was sponsored by the Lecture Series Committee.

Class of 1992 majors by school



Tech graphic by Peter Dunn

Levine heads Visual Arts Program

By Andrea Lambert

The Visual Arts Program in the Department of Architecture, whose resources and available courses have been waning during the past few years, has hired a new director to revitalize the

program.

Professor Edward Levine, the new director of visual arts, has been brought on this year to build a visual arts program for undergraduates. Levine has a master's degree in art and a doctorate in the history of art from New York University. Before coming to MIT, Levine was dean

of the School of Art at East Carolina University. He has also held academic appointments at the Minneapolis College of Art and Design and Wright State College.

Levine's appointment is the result of a search for a person to reinvigorate the visual arts program, according to John de Monchaux, dean of the School of Architecture and Planning.

In March 1988, the Department of Architecture created a committee to find a head for the visual arts program. That committee, led by Associate Professor David H. Friedman, was formed in response to criticism of the program by the Ad Hoc Committee to Review the Arts at MIT in November 1987. Based on the declining resources and classes available in the program, the Ad Hoc Committee, chaired by Professor Paul L. Joskow, made a recommendation to Provost John M. Deutch '61 that the waning trend be reversed.

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Tech file photo

John de Monchaux

Harassment discussed by Academic Council

By Annabelle Boyd

The Ad Hoc Committee on Sexual Harassment, at the invitation of President Paul E. Gray '54, met on Wednesday morning with the Academic Council to discuss problems in the current MIT sexual harassment policy. The committee presented to the council what it considers to be the essential elements of an effective harassment policy.

The committee, which consists of approximately 40 women students and staff, had previously submitted a Proposed Policy on Sexual Harassment to the MIT administration, and at Wednesday's meeting urged the Academic Council, which is comprised of the Institute's top academic officials, to consider that proposed policy as, at least, a starting point for formulating a new harassment policy.

Maya Paczusi G, speaking for the Ad Hoc Committee, told the council: "Our message is that MIT needs a better sexual harassment policy. [The committee] put a great deal of work into thinking through just what exactly a 'better' policy would be." The committee's proposed policy — an outline of which was first presented to the general MIT community at a forum in mid-October — focuses on five points the committee says are crucial to a workable sexual harassment policy.

• A clear definition of sexual

harassment with which the university can work.

• An explicit route for filing and handling complaints and imposing penalties.

• Careful record keeping of complaints — including formal, informal and anonymous complaints.

• Adequate resources, training, and an advocacy staff to deal with harassment issues.

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Noble blasts industry/college links

By Mauricio Roman

In his talk last night in 10-250, David Noble asserted that the benefits of the public investment in universities are going to corporations which "skim the cream off the top" of accumulated public investment.

Drexel University professor Noble, formerly an assistant professor in MIT's Program in Science, Technology and Society, is suing MIT for an unfair tenure denial process.

Noble said he traced the development of US industries since the beginning of the century, and found that industries tend to transform American institutions to meet their needs. In universities, this is reflected both in the transformation of the curriculum so that it meets "industrial standards," and in the industrial control over scientific development and research.

Since the mid-seventies, the ties between universities and corporations have increased. This trend paralleled the shift to production of high technology, knowledge-based goods in industrialized countries after the shift of basic manufacturing to less developed countries. The universities then became a resource of "intellectual capital." Industries strived to "mine the intellectual resources of universities," which are largely the product of accumulated public investment, according to Noble. Hence, a network of "insider trading" of research emerged, he claimed.

Companies view research as costly and risky. By using the intellectual capital of the universities, companies "socialize their costs and risks." For instance, Digital Equipment Corporation is directly involved with more than 100 universities. While the firms'

attempt to socialize costs by sharing the intellectual product of universities is an old phenomenon, its scale and intensity have increased dramatically since the 1970's, Noble said.

Noble also noted that in the 1970's, university presidents became more involved with industry than ever before. "The same group of people who run the universities run the corporations," Noble said. University presidents no longer sat on local chambers of commerce; they sat on the board of directors of multinational corporations.

According to Noble, the growing link between universities and

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Daylight-saving time ends on Sunday, October 29 at 2 am. Don't forget to set your clocks one hour back.

Pell Grant forces students to sign drug-free pledge

By Brian Rosenberg

Beginning this year, Pell Grant recipients must certify that they are drug-free. Additionally, institutions participating in other federal aid programs must certify that they maintain a drug-free workplace.

These requirements result from the Anti-Drug Abuse Act of 1988, which went into effect on March 18 this year. Students receiving grants from that date onwards must "certify that, as a condition of my Pell Grant, I will not engage in the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance during the period covered by my Pell Grant."

If a Pell Grant recipient is "convicted of drug distribution, or possession, the court may suspend" his or her eligibility. After three convictions for drug distribution, a recipient "may become permanently ineligible" to receive federal financial aid.

MIT's Financial Aid Office has had no problems with the law, according to Stanley G. Hudson, associate director of the FAO. "We are responsible for making sure students sign the certification," he said.

Leaving the flock: deprogrammers, aftereffects and the BCC

Boston CHURCH OF CHRIST

Analysis

By Seth Gordon

(Fourth in a four-part series)

Disciples of the Boston Church of Christ are proud of the many people who join; almost every church bulletin lists church attendance and the number of baptisms. But how many leave the BCC?

Gene Vinzant, a former research assistant at Abilene Christian University, helped Flavil Yeakley Jr., head of the ACU's Church Growth Institute, with his research on the BCC. According to Vinzant and Yeakley, around 1985, the church boasted that its attrition rate was only five percent. Vinzant compared the church's baptism statistics with its Wednesday night church attendance to deduce that their attrition rate was really 35 percent. (He used Wednesday attendance to measure active membership because many visitors and prospectives go to the Sunday services.)

Since the church "upped the commitment" three years ago, Yeakley notes, the BCC's attrition rose above the attrition rate of mainstream Churches of Christ. (The mainstream or "mainline" Churches of Christ are not affiliated with the BCC; about 50 "discipling ministries" are.) According to a 1987 article by Al Baird, the BCC's lead evangelist, the mainstream attrition rate is 50 percent.

The BCC's membership appar-

ently peaked six months ago. Since then, according to its own statistics, it has baptized 750 disciples and lost 1142. Overall, in the 10 years that it has used the "discipleship" philosophy, it has baptized about 7,200 people and lost about 3,800 — 53 percent attrition.

Deprogrammers, exit counselors

How did these people leave the church? The best-known route is through "deprogrammers," who kidnap BCC members, lock them up for days or weeks, and argue them into repudiating the church.

A pioneer deprogrammer, Ted Patrick, explains: "Thinking to a cult member is just like being stabbed in the heart with a dagger. . . [To deprogram them,] you force them to think. The only thing I do is shoot them with things that they haven't been programmed to respond to."

The technique raises controversial questions about the limits of religious freedom. It doesn't always work. Even when it does, it traumatizes the person being deprogrammed. It is as expensive as a year or two at MIT.

Steven Hassan spent two and a half years in Rev. Sun Myung Moon's Unification Church. He spent a year as a deprogrammer, but wanted to find a less coercive way to get people to leave cults. Several years later, he developed a new form of therapy, "exit counseling."

Leaders of the BCC claim that "exit counselor" is a euphemism for "deprogrammer." Hassan

adamantly denies that he holds anyone against their will. Furthermore, he says, the BCC's leaders have had his book, *Combating Cult Mind Control*, for months; if they read the book, he said, they are lying about what he does.

Hassan warned that some Christians call themselves exit counselors, but are actually trying to convert people into their own sects. To avoid such people when seeking an exit counselor, Hassan advised, "call around, . . . ask for references, interview the person."

His "interventions" typically last three days, and cost \$3,000 plus expenses. Hassan said he only started charging these rates about a year ago, and has done more interventions for free or at a discount than for the full cost. He pointed out that if he was in exit counseling for the money, he could command a much higher price, and would not write a book telling others how to be exit counselors.

How does exit counseling work? "First," Hassan wrote, "I demonstrate to [the cult member] that he is in a trap — a situation where he is psychologically disabled and can't get out. Second, I show him that he didn't originally choose to enter a trap. Third, I point out that other people in other groups are in similar traps. Fourth, I tell him that it is possible to get out of the trap." The cooperation of the cult member's family, Hassan said, is crucial.

Hassan boasted that 46 BCC disciples have gone through his interventions, and only two have remained disciples of the church.

Many people choose to leave the church without any formal counseling. Hassan said he refers those people to FOCUS, a support group for ex-cultists, which meets every month in Boston



Steven Hassan

University's Marsh Chapel. In addition, several mainstream Churches of Christ have support groups for ex-BCC members.

Aftereffects

BCC disciples firmly believe that to "fall away" from the church is to fall away from God.

Bruce Lower was a disciple for two years. He, his girlfriend Tara Santos, and several other ex-disciples now attend the Tyngsboro Church of Christ. Lower said that those who fall away are used by the BCC as examples of what happens to people who are unfaithful, "involved with sin," or not committed enough to church duties.

Ose Manheim speculated that if she left the BCC, "I would commit suicide. No. Not necessarily. I would have earlier." Manheim expects that "God would probably be on my case again, . . . it would get so painful apart from Him" that she would want to return to the church.

Peter Simon (not his real name) spent two years and eight months as a disciple. He claimed that one former BCC prospective "had three kids, one of which was not born of her husband. And she was taught that if she didn't get baptized, that child would become sick, be cursed, because of her not becoming Christian."

Lower said that just after he left the BCC, he kept thinking the Tyngsboro church was not right because they didn't do exactly what Boston did. According to Santos, some ex-disciples feel the same way: they aren't getting as much out of some lessons, and the preacher at Tyngsboro isn't as dynamic as the BCC's preachers. One of these ex-disciples, she says, feels that the BCC would have kept a tighter rein on her and kept her from falling into sin.

Simon had a harder time recovering from the BCC. For instance, he had trouble making decisions. "What should I eat, eggs or cereal? . . . If you eat eggs, [a disciple would think] it might make a difference to your spirituality." Hassan wrote that such trouble is common among people who have recently left cults.

Most psychologists misdiagnose ex-cultists, Simon warned, because they don't know about mind control. They may think an ex-cultist is schizophrenic. "Or they say it's your problem, start calling you a neurotic idiot."

Counselors disagree on ex-disciples' attitudes toward other religions. A colleague of Yeakley's estimated that three-quarters of those who left the BCC have no faith in God anymore. Hassan says most ex-disciples he has met left the church because of their faith in God. Simon observes that those who leave the BCC but remain Christians tend to be involved in missionary evangelism.

According to Yeakley, counselors in Boston who specialize in helping ex-cultists say they are seeing more defectors from the BCC than from all other alleged cults put together. The same is true, he wrote, for BCC affiliates in Toronto, New York City, Chicago, San Diego, and San Francisco.

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news roundup

from the associated press wire

World

US alleges Israel aided South Africa missile program

The United States said yesterday that Israel helped South Africa build a missile that could carry nuclear weapons. The State Department, responding to reports about nuclear cooperation, is urging Israel to sign the international Nuclear Non-Proliferation Treaty. Israel has refused to sign the pact, fearing it would have to open its top-secret facilities to international inspection.

Israel Prime Minister Yitzhak Shamir is denying that his government provided South Africa with the technology to build an intermediate-range nuclear missile. And South Africa's foreign minister, Pik Botha, said he has "no knowledge of such cooperation."

Tibet getting warmer, scientists say

Scientists studying ice collected from remote areas in Tibet say the climate in that country has gotten warmer in the past half-century than at any time in thousands of years. The researchers say they have not established any link between their finds and a theory of global warming. But the National Aeronautics and Space Administration's James Hansen, a leading authority on the so-called "greenhouse effect," said an area like land-locked Tibet might be the first place to show evidence of global warming.

Terry Anderson turns 42

A victim of overseas terrorism marks his fifth birthday in captivity today. American Terry Anderson — abducted by the Islamic Jihad in Muslim West Beirut in 1985 — turns 42. Anderson has never seen his daughter, who was born three months after he was kidnapped.

Local

Man injured in MIT elevator explosion

A building at MIT was evacuated yesterday afternoon after an explosion in an elevator on the third floor. Robert C. DiIorio, associate director of the MIT News Office, said that an elevator employee was treated for first- and second-degree burns on his face and arms by school medical staffers, and then went home. He said the explosion occurred at 1:35 pm and was actually a short circuit in the electrical motor in the elevator, which was being repaired.

Police have suspects in couple's shooting

Boston police officials said yesterday they have narrowed their search for a suspect in the shooting of a Reading couple to three or four people. Charles Stuart — the husband who was wounded in Monday night's shootings — has been able to give police a good description of the man who shot him in the abdomen after fatally shooting his pregnant wife in the head. Doctors at Brigham and Women's Hospital performed an emergency Caesarean section on Carol Stuart to deliver a boy before the woman died early Tuesday. The child — named Christopher — remains hospitalized. Members of Carol Stuart's family gathered yesterday at the Dello Russo Funeral Home in Medford for the start of a two-day wake. A funeral is set for Saturday morning in Medford, the woman's hometown.

Nation

Riot engulfs Pennsylvania prison

Five people were taken hostage late last night at the Camp Hill State Prison near Harrisburg, PA. John Palakovich, assistant to the prison superintendent, would not say whether the hostages held by rioting inmates are guards or prison staff. Palakovich did say that there were numerous injuries.

A riot at the same prison Wednesday night left 47 people injured. State police and firefighters were struggling last night to regain control of the prison, with thick smoke billowing over the complex from fires set by rebellious inmates. Inmates were said to be milling around the prison yard last night.

Earlier, prison authorities said inmates had been locked in their cells and a state of emergency was in effect following Wednesday's rampage, during which four buildings were torched. Officials had no immediate explanation of how the new violence erupted.

Sponsors of abortion bill warn Bush

Sponsors of an amendment to allow federal funds to pay for abortions for rape and incest victims are warning President Bush not to veto such legislation again. A letter to Bush signed by 74 congressional members said he should "accept the will of the majority and not hold any more bills hostage in order to exert a minority view." The House Wednesday voted 231-191 to override Bush's veto of the bill — but that tally fell short of the two-thirds majority needed to overturn the presidential rejection.

One hundred arrested in drug crackdown

Drug Enforcement Administration agents across the country yesterday raided businesses that they say sell equipment used to grow marijuana indoors. Authorities say "Operation Green Merchant" has also so far resulted in the arrests of nearly 100 people at indoor pot-growing sites. The National Organization for the Reform of Marijuana Laws called the federal raids on the stores a largely ineffective publicity stunt.

Senate okays execution for terrorists who kill

The Senate has ratified a bill calling for the death penalty for terrorists convicted of murdering Americans overseas. The bill yesterday won approval 79-20 and now goes to the House. Critics say the bill would make it harder to extradite terrorists from countries that have abolished the death penalty.

Quake, hurricane relief efforts push forward

Money and relief supplies are beginning to go out to the victims of two recent natural disasters — Hurricane Hugo and the northern California earthquake. President Bush yesterday signed a disaster relief package worth nearly \$3.5 billion. The bulk of the money will go to California, but some disaster funds also will assist victims of the hurricane.

What is being called the largest single donation of building materials since the hurricane has arrived in Charleston, SC. The three railroad boxcars of donated plywood will be used to begin repairing the thousands of homes in South Carolina hard hit by the storm last month.

Man punches John Glenn

A man charged with punching Sen. John H. Glenn (D-OH) is being held without bond. A US magistrate has sent Michael Breen to a federal prison hospital for a psychiatric evaluation. Witnesses said Breen was muttering about earthquakes and the pope yesterday when he landed a hard right on Glenn's jaw. Breen's lawyer described his client as a nice young man who is "a little confused."

SEC should be able to halt trading, Brady says

The treasury secretary wants the Securities and Exchange Commission to have the power to halt stock trading in market emergencies. Nicholas Brady said the Dow Jones "tailspin" two weeks ago points out the need for changes in market regulation. Currently, only the president has the power to restrict or halt market trading.

Weather

Looking good

This may be one of the simplest weekend forecasts to make. A large high pressure system will remain locked in place over the eastern United States through the weekend. Thus we can expect warm and dry weather to continue in Boston until Monday. The only trend will be toward slightly warmer daytime temperatures as the prevailing winds become more westerly — offsetting possible seabreezes.

Friday afternoon: Mostly sunny with light west winds. High temperatures will be 65-70°F (18-21°C) except along the immediate coastline where highs will be 60-65°F (16-18°C).

Friday night: Clear skies with low temperatures of 45-50°F (7-10°C).

Saturday: Mostly sunny with highs 70-75°F (21-24°C).

Sunday: Mostly sunny with highs 70-75°F (21-24°C).

Forecast by Robert X. Black

Compiled by Niraj S. Desai

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opinion



The Tech

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LETTERS TO THE EDITOR

Police Association flier has racist undertones

(Editor's note: The Tech received a copy of this letter addressed to the MIT Police Association.)

On Friday, Oct. 20, I was handed a flier from a member of the MIT Police Association on the steps of 77 Massachusetts Avenue. Although my predilection, without benefit of fact of background, would be curiosity — even empathy — I was frozen in my tracks as I began to read and comprehend [the Police Association's] message, both stated and implied.

As a member of the MIT community and an African-American woman, I felt both angered and assaulted. "Get to recognize them

and steer clear." Who? Young (obviously black) men who might wear "black and red Adidas sneakers," "New York Giant Ballcaps," or "no definitive colors" at all? This description could fit my brother, father, nephew... any number of persons who live in the Roxbury, Dorchester, Cambridge, and MIT communities! How does one "steer clear?" Should one run the other way if a young black man (or woman?) fitting this description approaches? Or wait until they are close enough to read the insignia on the baseball cap, or even closer to read Adidas vs. Nike labels on the sneakers?

The signals are as subtle as a

few lines of code concealed in an otherwise innocent looking computer program, and the message is as damaging. Certainly there is substantial evidence of crime on our campus, of all types, to warrant and substantiate your claims. In fact, the particular incident highlighted by your flier twice stated that "No (MIT) students were involved." Your demands, however legitimate, were diminished by the misdirected and racist undertone of your message. As for your request for respect, I say: to get respect you have to give respect.

Margaret Daniels Tyler
 Assistant Dean,
 Graduate School Office

Police union members deliver stunning insult

(Editor's note: The Tech received a copy of this letter addressed to the MIT Police Association.)

Sometimes in the course of labor negotiations between union and management, one side or another undertakes some dramatic

action that seeks to galvanize widespread support for its agenda. Presumably, that was the motivation underlying the leaflets distributed last week on behalf of the MIT Police Association. Regardless of the intent of those among you who are responsible

for that document, the effect has been to anger and unsettle a specific segment of the Institute community and to do so in a way that cannot possibly engender sympathy for your cause.

As an individual citizen, as a black man, and as a representative of the Institute, I was deeply offended by the "description" of the clothing allegedly worn by members of these so-called gangs and by the statement entitled "The Danger." Clearly, the intent was to apply a frightening label to young minority males based solely on what they are wearing and constitutes a stunning insult to the Institute's minority community. As you well know, many of our own students regularly wear articles of the type listed. They are popular items of apparel among today's youth and can be seen everywhere. To so clearly imply that black or Hispanic men wearing such apparel are to be considered members of gangs, armed, and thirsting for blood is racist pandering of the most dishonorable sort. Particularly galling was the malicious choice to distribute such trash just as parents are arriving for planned weekend events. That similar shallow and despicable tactics were employed with some apparent success in the last presidential election should be a continuing source of shame for all Americans. But at least some members of your association, sworn to protect and defend all members of the Institute community, have apparently deemed these tactics worthy of emulation for narrow union gains.

Certainly, the Police Association's membership puts its individual lives and safety on the line daily on behalf of our safety. I believe that most members of the Institute community understand the difficult nature of your service, appreciate the continuing need for your presence, and would support reasonable demands for adequate wages, benefits, and working conditions. However, to stoop to alarmist and racist tactics that are supposed to frighten the general Institute community into support for your positions should be a profound embarrassment to the majority of your membership and will most likely be counterproductive to your legitimate objectives. I can only hope that the majority of MIT Police Association members loudly and publicly disavow the racism inherent in that nasty little tract and will take steps to ensure that no item of its sort is distributed on behalf of the Association in the future.

Isaac M. Colbert,
 Associate Dean of the
 Graduate School

Abortion issues more complex than represented by either side

Many of my friends and housemates are going to the Nov. 12 March on Washington for Women's Rights. Some asked me to come; when I told them that I would not march, they were eager to find out why. I would like to present a viewpoint that gets somewhat lost in the crossfire these days.

By some people's definitions, many of my beliefs are pro-choice. I support the general women's rights movement, and I believe that morality in a case such as abortion cannot — and should not — be legislated. However, like many of the actively pro-choice people I know, I am personally anti-abortion, in that I would never recommend it to any woman except as the last possible resort. I pray for a society in which abortion is never necessary or desirable.

But I have become rather cynical about the whole debate. It seems to me that some delicate, important, and very basic issues are being overlooked in the pro-choicers' zeal to march and in the pro-lifers' eagerness to disagree with the other side.

First: let's bring some basic fair play back into the game. This can be as simple as being careful of what you call people on the other side of the issue. Since I said that I would not march, I have been called "anti-choice" several times! For reasons, explained below, I certainly do not consider myself anti-choice. Likewise, I know that some people who are pro-choice have been called "anti-life" — a name that will understandably infuriate any pro-choice activist.

Such name-calling is nothing but destructive, even when it is done without the intention of angering the other party. Please, let us try to understand the other side's arguments, and not bring unnecessary anger and bitterness into an already-emotional debate.

Second: know your facts and sources before you begin arguing either side. I don't think most people have a problem with that, actually, and I'm sure that most people on both sides do base arguments on facts of which they are relatively confident. But in

some situations, I have heard two wildly different "facts" from the two sides of the issue. For instance, one side says that thousands of women per year died of complications from illegal abortions before *Roe v. Wade*; the other says that the yearly death rate was in the range of 30-50; (I saw this last one in a government report; I do not know the real source of the "thousands" claim.) Distorting facts — even unknowingly — is a truly dangerous thing in this debate. There's too much at stake.

Third: let us please keep in mind why all these abortions are taking place to begin with. I believe that the real problem is that some women see no realistic alternatives to abortion, legal or illegal. They may not be able to afford birth control, or may not have the education for it, or cannot afford another child, or perhaps simply don't know of any other options.

We could perhaps come closer to the "ideal society" — in which abortion is never the desirable thing to do — if we work here, at the root of the problem. It would be nice if some of the thousands of hours and dollars poured monthly into the Great American Abortion Debate were put instead into solving these other problems. We could be providing child care to overburdened working-class women; or working in women's shelters; or lobbying for government-sponsored education about birth control; or helping adoption agencies get in touch with women carrying unwanted babies. The list goes on and on.

As an MIT student, I wish I had time for such work. I do what I can but I cannot justify spending a weekend in Washington when I could be doing one of these other things instead. I do think that showing support for women's rights in events such as this is important — and I respect the choices of those who are going — but it is not the only act that makes a difference.

I hope that we can somehow work together to provide women with realistic choices besides abortion.

Jenifer Tidwell '91

opinion

LETTERS TO THE EDITOR

The Tech's comics are no laughing matter



Every time I open *The Tech*, I read about such earth-shattering issues as the future of pass/fail grading and animal rights. Surely these issues have merit, but should we not address the worthy issue of *Tech* comics first? Frankly, the *Tech's* comics are *not* funny. There's not one shred of humor to be found. All we MIT students ask for is that the comics in *The Tech* be funny once in a while. Even "Foxtrot" and "Calvin and Hobbes" can't be funny everyday, but the *Tech's*

comics (except for "House") consistently suck.

"Nick" for one, leaves much to be desired. This nerd thing is corny and certainly overplayed at this school. I have to put up with dorks in classes and at parties, so I certainly don't need or want to see it in my comics. On the other hand, if anyone, especially the artists, have a clue as to what the premises for "Fub" or "Eyebeam" are, please try to get it across. "Fub" has the gall to sink so low as to try to garner humor from someone choking on food. That's pretty much the bottom of the barrel in my book.

Maybe I don't understand "Eyebeam" because I'm not an intellectual, but shouldn't the comics appeal to the average human? Like those guys in the beer commercials, I'm a simple guy with simple tastes. I like a simple comic. Give me something I can relate to. All too often I find myself wondering if there are subversive political innuendos or socio-economic statements which I'm not picking up, but then

again most of my friends don't understand the comics either.

Obviously, if I don't like the comics, I shouldn't read them, but call me a dreamer. Why can't we have funny comics? I envision a world in which I can pick up our distinguished publication and have pride, and I can be confident that I can get a good laugh, perhaps to pick up the banner and rally 'round the flag for this issue.

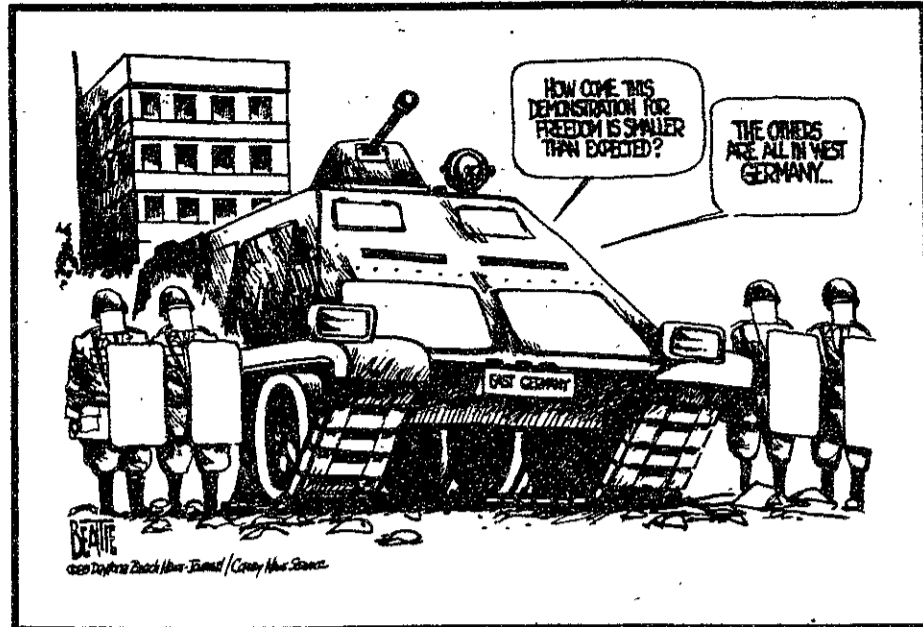
Editors of the *Tech*, I offer a simple man's solution. If you can look at a comic and laugh, then keep it. Otherwise...

David Martin '92

Graduate housing plans need more discussion

Past surveys and long waiting lists show that far more graduate students want to live on campus than can presently be accommodated. Even in the best of circumstances, an adequate supply of on-campus housing will not be available for about 10 years. This raises the question of what is the most equitable way of distributing the existing housing while the demand far exceeds the supply. Is there a system of allocation that will both more accurately reflect the priorities of the graduate student population and maintain or improve the quality of life for each person?

The Graduate Student Council's Housing and Community Affairs Committee made an effort to determine the needs and priorities of graduate students by distributing a housing survey last spring on Registration Day. About one-third of graduate stu-



dents, 1552 people, responded to the survey. Almost 70 percent of the respondents indicated that they would have liked to live on-campus their first year. Over 82 percent felt that first-year graduate students should have priority for on-campus housing. Currently only 23 percent of the first-year students have on-campus housing in September.

In response to the results of the HCA housing survey, MIT Housing Director Lawrence E. Maguire decided to form a housing policy that would better represent the specific needs of the graduate student body. People from the Housing Office met with graduate students from the GSC and wrote a housing policy that would give on-campus housing to about 54 percent of the entering graduate students. The Housing Office plan would have two lotteries. One for first-year

students giving them a one-year non-renewable lease, and the other for continuing students giving them a one-year renewable lease. In contrast, the plan proposed by the house presidents would give on-campus housing to about 37 percent of the entering graduate students. The house presidents plan would give one-year non-renewable leases to all first-year students in Albany Street, but first-year students in the other buildings would have renewable leases.

These two proposed policies and other ideas are being discussed at the HCA committee's Monday meetings. Anyone who is interested in graduate student housing policy is cordially invited to come and to share his or her views and opinions.

Julia Vail G
Chair, GSC Housing and
Community Affairs Committee

The Tech welcomes letters from its readers. All letters are subject to editing and are published solely at the editors' discretion. Authors must sign their letters and include their phone number, and MIT affiliation, if any, for verification, and should type letters double-spaced for ease of reading. Letters should be kept under 500 words. *The Tech* publishes letters anonymously only in rare circumstances, at the editors' discretion. Bring letters to *The Tech's* office on the fourth floor of the MIT Student Center or send them to: Letters to the Editor, *The Tech*, P.O. Box 29, MIT Branch, Cambridge, MA 02139; or to Room W20-483 by interdepartmental mail.

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Bill Johnson
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"I'm optimizing semaphores for the 32-bit version of OS/2. It's exciting, challenging work and there's an added reward when you stop and realize that millions of people will someday be impacted by what I'm doing now."

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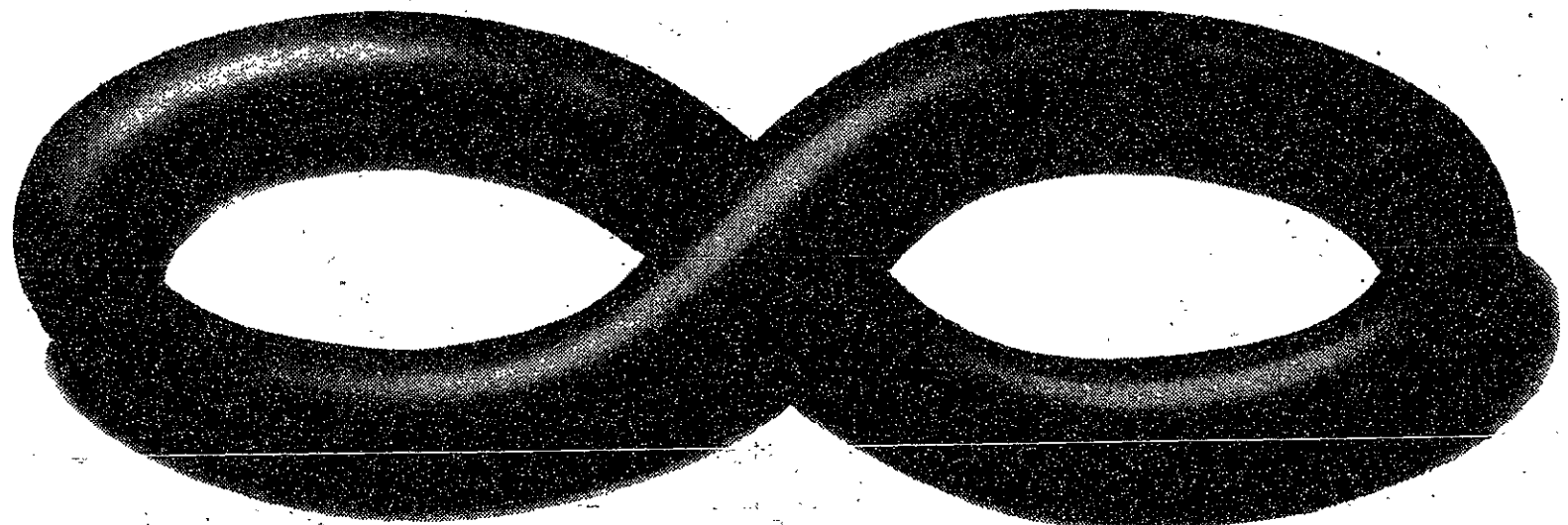
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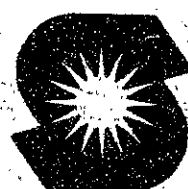
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ARTS

Harpist Andreas Vollenweider proves worthy of acclaim

ANDREAS VOLLENWEIDER

At the Wang Center,
Tuesday, October 24.

By ALEJANDRO CANO
and ALEJANDRO SOLIS

ANDREAS VOLLENWEIDER has been critically acclaimed for his particular brand of music over the years. He is a Grammy Award recipient and at Tuesday's show, it was clear why.

It is difficult to categorize his music on stage. It is not jazz, nor does it sound like what is now called "New Age." Rather, it was a very original and imaginative combination of elements that drew from all styles, including ethnic music from Africa, the Far East, and Latin America. This bright fusion created an exuberant sound that commanded attention.

The main instrument in Vollenweider's music is the harp, which he plays masterfully. He performs on the instrument with incredible technique and a passion that is felt throughout the auditorium. Equally skilled are all the members of his multi-talented band. Every single musician performed as if the instrument was an extension of his body. It was obvious that each band member could give an excellent solo performance, but what made the concert most delightful was the synergy produced

by their combined efforts. In fact, it was hard to believe that the music we were hearing was coming from only five musicians.

The show began with the soothing sound of crickets while the musicians playfully moved around onstage with small fluorescent lights before taking their places. When Vollenweider came on the stage, he immediately started to solo on the harp and was later joined by the rest of the instruments.

The talented Swiss ensemble performed music from Vollenweider's latest album, *Dancing with the Lion*, as well as from his earlier efforts. The audience was also treated to some brilliant music which has not yet been recorded. The old pieces were not performed faithfully to the album originals, but these variations were welcomed by the audience. As Vollenweider eloquently said, "If we played exactly like the record, you might as well stay at home and play the album."

The Wang Center's ambiance was quite appropriate for this type of music. The stage mounting was sober, and the lights were well suited to the music. Unlike the vast majority of today's shows, Vollenweider's did not rely on fancy stages and intricate light shows. This does not imply that the light show was boring or overly simple; rather, it had been planned to complement the music rather than drawing

attention to itself. The stage settings were also simple. Emphasis was always placed on the instruments and the musicians.

One of the highlights of the show was the most astonishing drum solo we have ever witnessed, which was delivered by the multi-talented percussionist Walter Keiser.

Keiser is the only member of the ensemble who has accompanied Vollenweider throughout his 10-year career.

Tuesday's show proved that exuberant, beautiful, and innovative music is still possible today. We felt fortunate to have been there.

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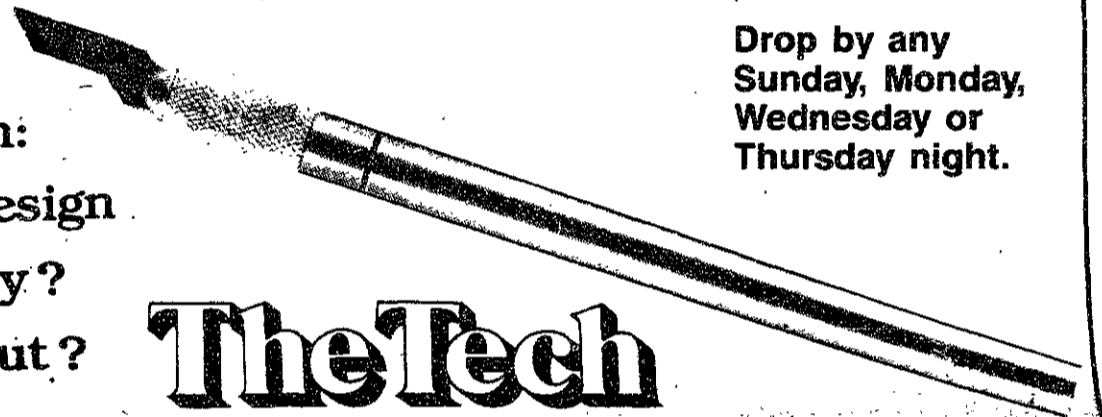
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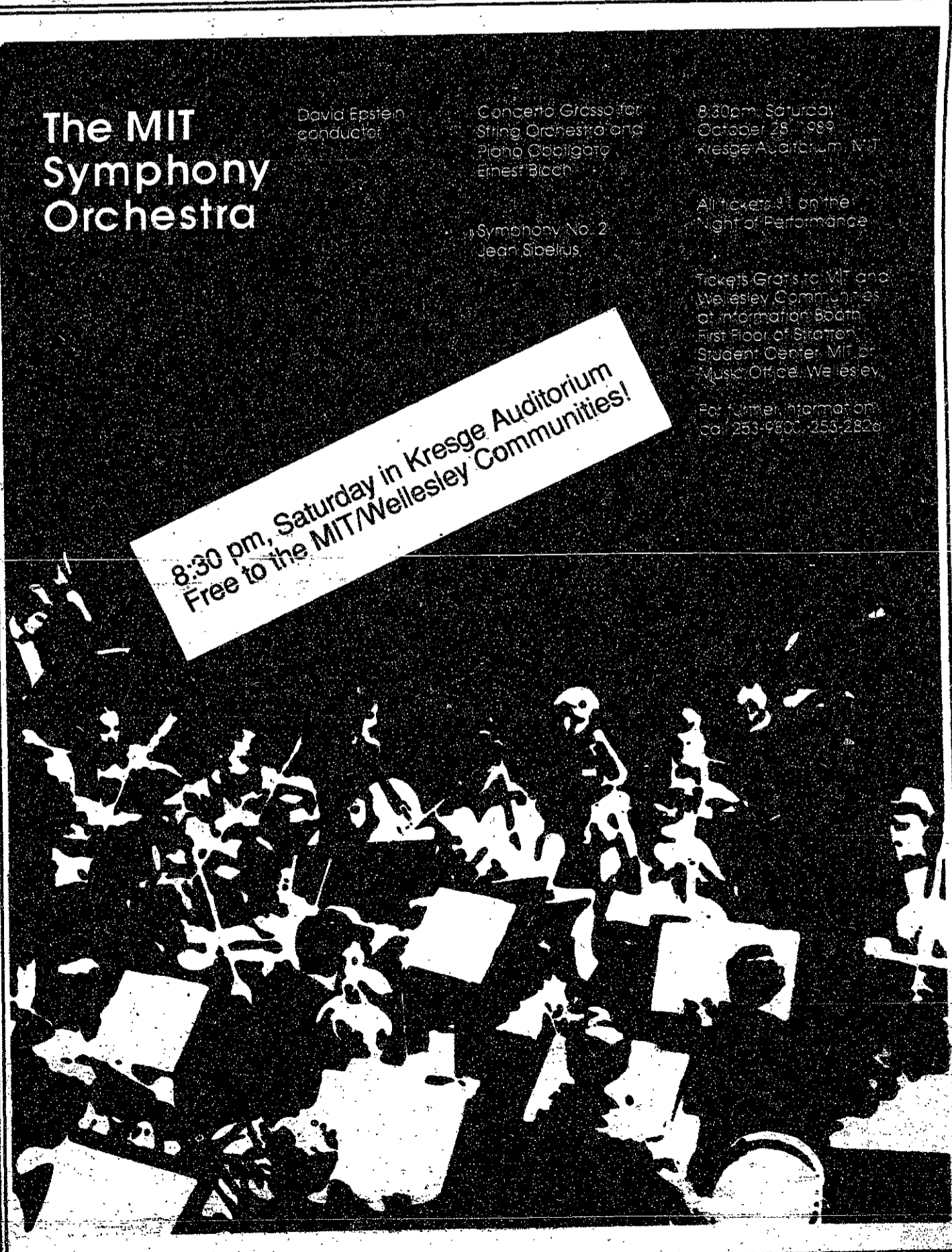
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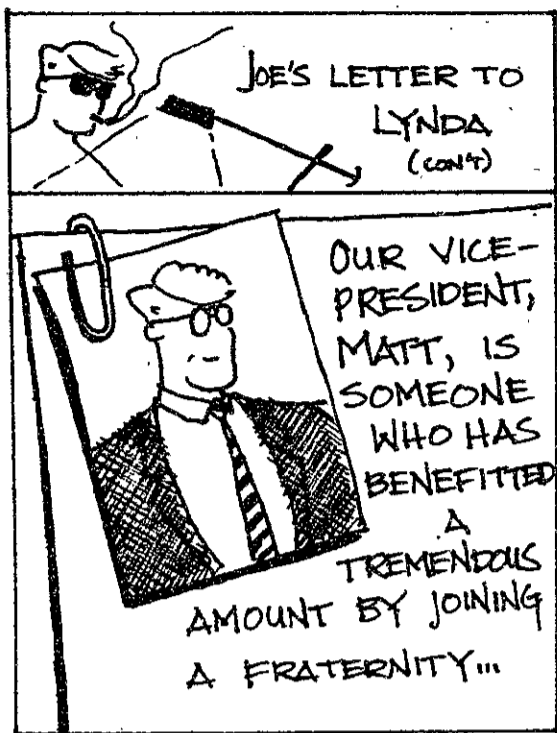
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comics

By David J. Kim

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Levine to reinvigorate MIT visual arts program

(Continued from page 1)

Deutch "promised his support and asked the Department of Architecture to put together a plan to implement reinvigoration" of the visual arts program, de Monchaux said. Friedman chaired the committee to formulate a plan for the program, which later asked Levine to be director of visual arts.

Deutch also agreed to create the new post of associate provost for the arts. Ellen T. Harris, musicologist and soprano, has filled his new position this fall. She is also a professor of music.

The revitalization of the visual arts program is underway, according to Levine. "We're trying to construct a program for undergraduates," Levine said yesterday, "for both concentrators in Visual Arts, and people who just want to take visual studies courses."

The focus of the visual arts program is twofold. The visual arts courses will introduce students to how artists think, Levine said. The courses will also relate "to how people think in other disciplines," he said. He said he also wants students to explore the nature of artistic experience and how it may differ from other kinds of experiences.

The object of the program is not to make the students artists, but to introduce them to the thought processes behind artistic endeavors. The courses will introduce "the different ways of thinking and experiences that artists have" and relate them to what artists do, Levine said.

Levine is currently teaching six sections of visual arts classes. The plan, according to de Monchaux, is to increase the number of courses to 12 or 14 courses per semester. Right now the only limitation is space for the classes. The space will determine how many courses can be offered. When the number of courses can be increased, the department plans to hire more permanent faculty to teach visual arts.

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The annual Harry S. Truman Scholarship Awards will be made to current sophomores interested in a career in government and related public service at the federal, state, or local level who are U.S. citizens or nationals. MIT can nominate three sophomores for the 1990 Truman Scholarship competition held nationally. Two out of three MIT students nominated last year were national finalists for the Truman Scholarships.

The awards are for \$7,000 per year and are renewable for the senior year and for up to two years of graduate study. Any sophomore wishing to be considered should contact **Ms. Jocelyn Kalajian, E51-228, or call 253-4044**. The deadline for returned application materials is **9:00 a.m. on Monday, November 13, 1989**.



Saturday, October 28, 1989

8pm 'til midnight

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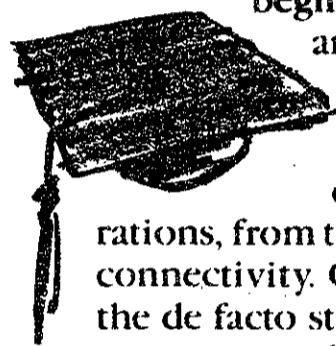
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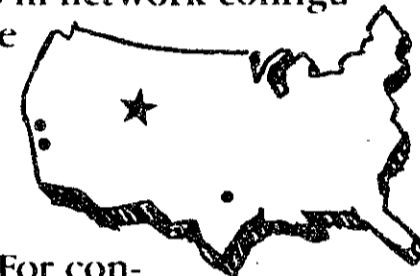
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Presentation
Monday
November 6th—7 pm

Interviews
Tuesday
November 7th

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ANNOUNCEMENT FOR INTERNATIONAL STUDENTS FROM THE OFFICE OF CAREER SERVICES

The following companies and organizations are interested in international students for jobs in various locations. If a company visit to MIT, you may sign up in the Career Services Office immediately. If no visit is listed, you should contact the representative directly, and include a resume with your letter.

JAPAN

ESTECH Corporation
89-1, Yamashita-cho
Naka-ku
Yokohama
231 JAPAN
contact: Mr. Toshiro Abe

This company will visit MIT on October 31!
ESTECH is interested in Japanese SB/SM/PhD students in Courses 2 and 16; Course 1 if you have a strong background in structural dynamics; also if you have expertise in noise and vibration. Please see longer description of the company and the specific job descriptions (basically automotive industry-related) in 12-170; also sign for interviews immediately in 12-170.

Japan Educational Training System (JET)
2-18-27, Kamirenjaku
Mitaka-shi
Tokyo 181
JAPAN
Contact: Kevin Quist

Jet is seeking non-company sponsored Japanese students (SM/PhD, all fields) planning to return to Japan after graduation. See job descriptions in 12-170.

Nordson Corporation
28601 Clemens Road
Westlake, OH 44145
contact: Mrs. Barbara Phillips,
Manager of Corporate Human Resources
216/892-1580, extension 5234

Nordson is a manufacturer of equipment used to apply polymeric coatings, adhesives, sealants and performance chemicals. The company is interested in Junior and Senior EE students interested in long-term employment in Japan after an 18-24 month training period in Ohio. Fluency in both Japanese and English is essential. Job descriptions are available in 12-170.

Selnate Co., Ltd.
International Personnel Management and Education
Chrysler Building 5F
405 Lexington Avenue
New York, New York 10174
acting for:

Shimizu Construction Company, which is seeking Japanese or Japanese-speaking students for employment in Japan. Shimizu will hold interviews in Los Angeles on October 28, and in New York on November 4. The company will pay transportation expenses, and is interested in SB students from Courses 1, 2, 4, and 6. Contact 1-800-334-7241, and ask for Mr. Egawa.

Saitama Bank
44 Wall Street
New York, New York 10005
Contact: William Kelly
212-248-2690

Representatives from Tokyo will be in the Career Services Office (12-170) on October 30th in the afternoon, time to be announced. Call Career Services Office after October 25 for the time of visit (Anne Armitage 3-4733).

KUWAIT

The National Bank of Kuwait
Abdullah Al Salem Street
PO Box 95
Safat 13001
KUWAIT
contact: Mr. Ibrahim S. Dabdoub
Chief General Manager

The National Bank of Kuwait seeks SM and PhD Arabic-speaking students from Courses 14 and 15.

SINGAPORE

EDB Singapore
(Singapore Development Board)
55 Wheeler Street
Cambridge, MA 02138
contacts Heng-Yuen Chun
Director, Boston Office, and
Seah Kia Ger,
Director, Strategic Business Unit.

Interested in speaking to students from Singapore; specific information available from Mr. Chun and Mr. Ger.

ARGENTINA

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Director for Executives Recruitment and Training
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Noble: colleges misuse funds

(Continued from page 1)
industry led to the modification of US patent laws in 1980 which makes it explicit that universities own patents resulting from Federal money. Noble maintains that Congress modified this law in the name of increasing American competitiveness. Noble claimed this new law does not mean that universities are making more money; it means that universities' public resources are more 'neatly packaged' for the corporations, since universities can now grant exclusive licenses to corporations, therefore allowing the massive transfer of public resources to private money.

According to Noble, the American Association of Universities is the cartel controlling the sale of research. According to a recent survey, 60 percent of the AAU members have recently cut back on their curriculae in order to build up the most commercially profitable activities of the university. Noble said that money for these activities also comes from faculty cutbacks and tuition. In fact, tuition increases correlate precisely with the commercialization of universities. For example,

the University of Minnesota, which has the largest enrollment in the country, cut back 20 percent of its enrollment — 8000 students — in order to build high technology activities and thereby increase its "competitive advantage," Noble said.

Noble concluded that the coalition between universities and industry has given education a secondary role. The conflict of interest is not between companies and universities, but between the university-industry coalition and the tax and tuition paying public. For students, the consequences of this conflict are tuition increases, smaller classes offerings, and even enrollment cutbacks.

However, there is a positive aspect, Noble said. Legislation is currently being formulated on the relation between universities and industry. There is a congressional committee investigation going on about industrial links to different universities, including MIT's Industrial Liason Program. Noble also cited an upsurge in student organizing that parallels that of 20 years ago and focuses on developing strategies of tuition strikes.

Call For Entries

Student Art Exhibition and Awards

"Change in the Age of AIDS"

Who? All currently enrolled MIT undergraduate and graduate students.

What? A juried art exhibition and contest at the Weisner Student Art Gallery sponsored by ARMIT (AIDS Response at MIT), the Medical Dept. and the List Visual Arts Center, offering a \$200 first prize and other awards. The winning entry will be displayed at the Sixth International Conference on AIDS in San Francisco.

When? Original works of art should be submitted Nov. 13. The exhibition runs from Nov. 17 through Dec. 9. Pick up entry information at the Office for the Arts (E15-205), the List Visual Arts Center (E15-109) the Student Health Resource Center (W20-547), or the Medical Dept. (E23-205). For more information call Ron Platt at 253-4400.

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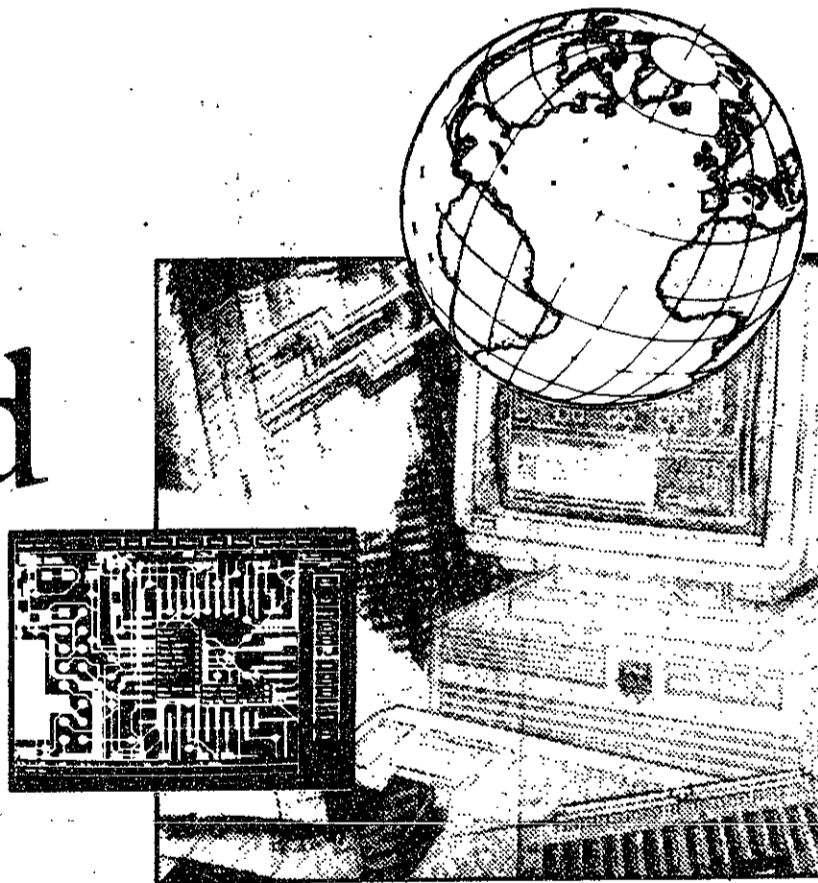
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**ON-CAMPUS
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Tuesday, October 31

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Group offers harassment proposals

(Continued from page 1)

Community-wide education.

Differing definitions of sexual harassment

With respect to the first point, the Ad Hoc Committee noted that "there is a wide disparity in what behaviors people at MIT consider to be sexual harassment." Although the current MIT harassment policy does cover sexual harassment, it does so in an "ambiguous way," according to the committee. It recommended that MIT adopt a more explicit definition of harassment — one that would include a list of behaviors which would constitute sexual harassment.

The second point refers to the implementation of an explicit procedure for filing and handling sexual harassment complaints as well as for imposing penalties. According to the committee, "no clear provisions are made in the current MIT policy to stop harassment and too great a burden is placed on the victim."

In addition, a major deterrent to reporting sexual harassment is the risk which results from "not knowing what are the protection mechanisms in place for complainants, what are the possible outcomes, what is considered clear and compelling evidence, who is going to know about the report and what effect it may have on an individual's career." The committee also claimed in its policy that an explicit complaint procedure with well-defined penalties acts as a deterrent to sexual harassment.

Without a system for keeping careful records of sexual harassment complaints, it is difficult or impossible to know "the trends in or the full extent of the sexual harassment problem at MIT," the committee reported. Moreover,

without records, it is difficult to target problem areas for an educational campaign. The committee policy calls for harassment statistics to be made publicly available in an annual report.

The proposed policy recommends that an additional advocacy staff be added to deal with sexual harassment. This staff would be primarily responsible for complainant guidance, community education and record keeping. The committee considers the current MIT system of multiple access points to have a positive benefit. As a result, the advocacy office would not im-

pede reporting elsewhere, under the policy, although all reports of sexual harassment would be consolidated by this office.

According to the committee report, the goal of educating the MIT community about sexual harassment is twofold: preventing acts of sexual harassment, and supporting or protecting those who have been harassed. In addition, the committee says all people who receive complaints must be sensitive to the issues involved and also must be thoroughly knowledgeable about the policy and mechanisms as they evolve at MIT.



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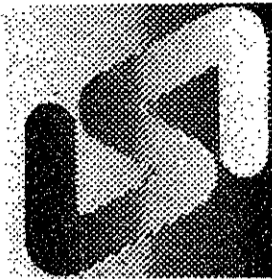
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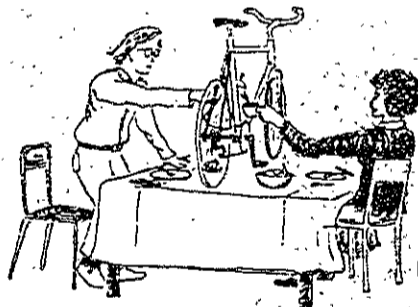
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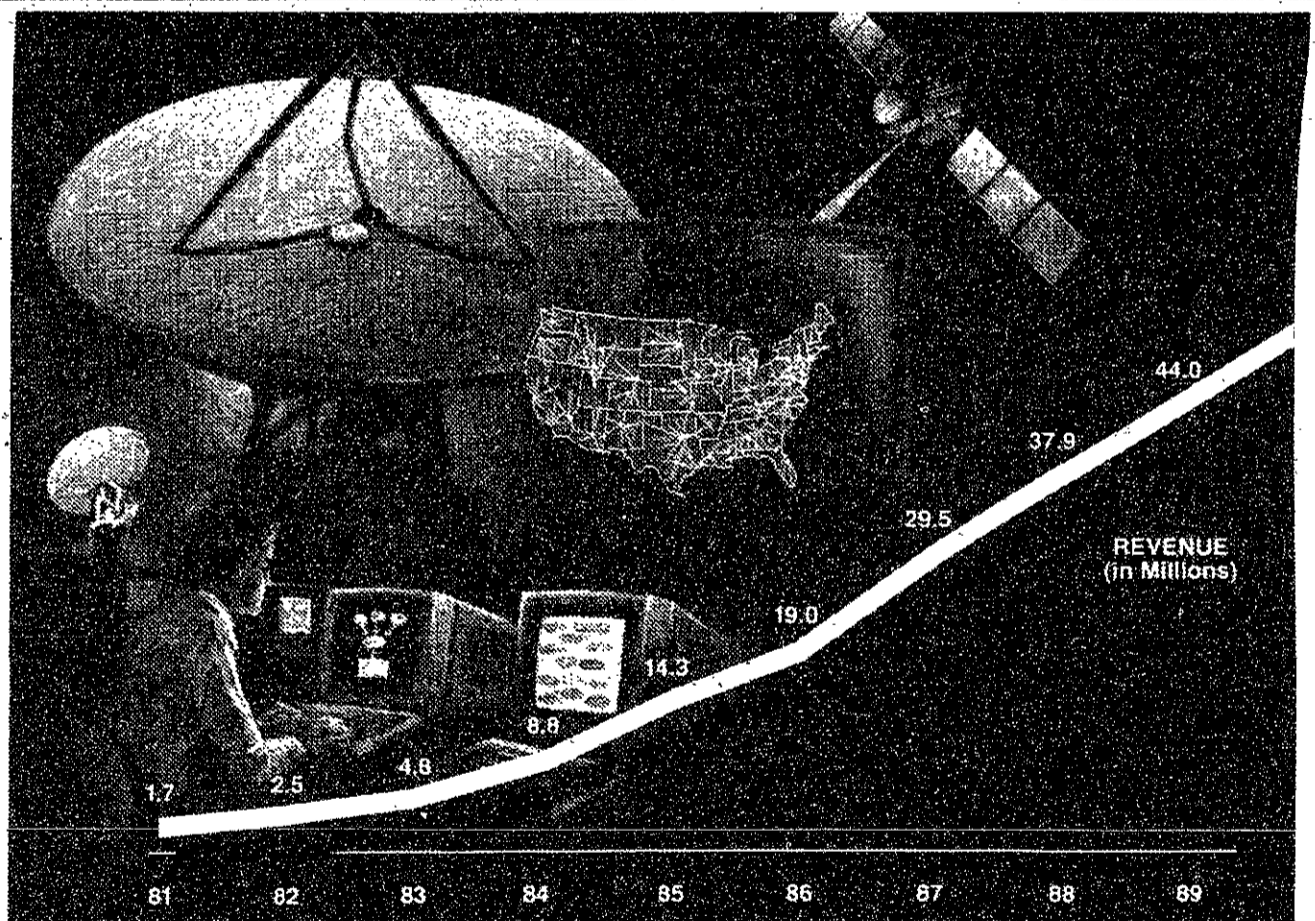
PRACTICAL ETHICS AT M.I.T.

1 "ISSUES OF PRIVACY"
Friday, October 20 8:30 p.m.
Walker Hall, Blue Room (2nd floor)
Prof. Jeffrey A. Meldman '65
M.I.T. School of Management
Associate Dean for Student Affairs

2 "THE USE OF HUMANS AS EXPERIMENTAL SUBJECTS"
Friday, October 27 8:30 p.m.
Walker Hall, Room 50-010
Walter Jones, M.D.
Chief of Medicine, M.I.T. Medical Department
Chairman, M.I.T. Committee on the Use of Humans as Experimental Subjects

3 "COMPARISONS IN JEWISH & CIVIL ETHICS"
Friday, November 3 8:30 p.m.
Walker Hall, Room 50-010
Michael Grodin, M.D. '73
Professor of Medical Ethics, Boston University

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Dinner reservations are due at the MIT Kosher Kitchen (253-2982) by Thursday



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ON-CAMPUS INTERVIEWS MONDAY, NOV. 6, 1989



sports

Women's crew places fourth in Regatta

By Becky Dumas and Laura Opsasnick

Last Sunday, in the biggest one day rowing event in the world, the women's crew team finished fourth out of 20 boats in the Club Eight event.

The three-mile course began at the Boston University boathouse and ended about one mile upstream of the Harvard boathouse. Like all head races, the boats were started 10 seconds apart, so if a crew is passed, the passing boat has gained at least that amount of time on the slower boat.

The crew of Lena Hwang '92, coxswain, Beth Jones '90, stroke, Jerelyn Watanabe '90, Gwen Shelton '91, Laura Opsasnick '90, Becky Dumas '90, Sue Perrin '91, Laura Beecroft '91, and Wendy Rowell '90, bow, cruised past Simmons at about the 1.5 mile mark, and then Ithaca College in the last mile. They almost passed Baltimore but were approaching a difficult turn at the

Eliot Bridge and missed getting the inside position. The top finishers were Seattle Rowing Club, Dartmouth, and Wesleyan. MIT's finishing time of 19:38 was only 2.5 seconds out of second place.

The MIT graduate crew program's hard work showed in the Club 4. Ann Minzner, coxswain, Barb Sheffels, stroke, Kathy Yelick, Martha Gray, and Jen Kwo, bow, powered their way to sixth place from a field of 20.

Three varsity joined two graduate women in the Lightweight 4. The crew of Leann Lesperance

G, coxswain, Becky Zavistoski '92, stroke, Leah McGavern '91, and Amy Bowen '92, bow, placed 11th out of 18 boats in the rough afternoon conditions.

The next challenge for the women's crew team is the Dartmouth Invitational in Hanover, NH, this Saturday. The competition will be Northeastern, University of New Hampshire, Dartmouth, and arch-rival BU.

(Becky Dumas '90 and Laura Opsasnick '90 are members of the women's crew team.)

Soccer bests UMass in overtime

Sports Update

Soccer victorious

The soccer team bumped its record above .500 with a 2-1 overtime victory over UMass-Boston. The team, whose record now stands at 6-5-2, played the Beacons to a scoreless tie in regulation, behind the strong goaltending of John Olson '91. Goals by Michael Dorsch '90 and Stephan Feldgoise '92 broke the deadlock and led the Engineers to victory.

Cross country teams impress

Both cross country teams received recognition this week for their efforts. The men were ranked ninth in the latest New England Division III poll, and women's team runners Theresa Fuentes '91 and Christiana Goh '92 were named to the NEW8 All-Conference team. Fuentes and Goh finished fifth and sixth in last weekend's NEW8 championships.

Football ready for homecoming

The football team remained ranked in the ECAC Division III poll, following last week's 6-0 victory at Siena. The team, ranked 14th, takes on the ECFC's top-rated offense as it battles Assumption College in the homecoming game this Saturday. Senior quarterback Tim Day leads the offensive attack, having set yet another passing record last week as he broke the MIT season touchdown passes mark. Day, ranked among the nation's top quarterbacks, already owns the career touchdown passes and career passing yardage marks.

Ward named to All-Conference

Susan Ward '92 was named to the NEW8 All-Conference field hockey team. Ward's efforts helped lead the team to a 6-6 record and a fourth seed in this weekend's tournament.

Compiled by Shawn Mastrian and the Sports Information Office

Upcoming Home Events

Saturday, October 28

11:00 Men's Soccer v. Coast Guard
2:00 Football v. Assumption (Homecoming)



Before the ball even lands, Mark Bailey '91 is ready for the kick. MIT defeated UMass-Boston on Tuesday, 2-1. Ken Church/The Tech

Rifle team defeats Cornell

By Ann Perry

The MIT Rifle Team defeated Cornell in both the smallbore and air rifle events in the first match of the season. The scores for smallbore were MIT 2045 and Cornell 2011.

In the smallbore competition, Chandra Bendix '90 led the team with a 553 out of a possible 600 points. Sei Young Sohn '91 followed with a 509. Team captain Ann Perry '91 shot a 495, and Kai Fu Chiong '92 rounded out the four-person team with a 482.

In air rifle, Bendix again led the team to victory with a score of 374 out of a possible 400 points. Sohn shot a 348; Perry and Chiang followed with scores of 339 and 329 respectively.

This was the first opportunity for new shooter, Miguel Perales '93 to compete with the team. He performed well in his first match. Over the summer, Chandra

Bendix '90 and Eugene Opsasnick '88 enjoyed a successful trip to the national matches at Camp Perry in Ohio. Bendix earned a silver in the sharp-shooter division for her standing scores and also a bronze for the three position match. Opsasnick also finished well with a third in the Expert division of the prone match. The MIT Brass Rats won the team three position match in the Expert division.

The Mid-Atlantic Conference Championships were held at MIT last March. MIT carried off the trophy for the Low-Expert division of smallbore.

With the help of new coach, Richard Dyer, the rifle team is on its way to another successful season. The next match will be held on Nov. 4 at West Point.

(Ann Perry '91 is captain of the MIT rifle team.)

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