Democrats win in state, nation

By Tony Zamparini

The Democratic Party won several major victories in Massachusetts Tuesday. Voters elected Michael S. Dukakis to the governorship for a third term, to placate reform-minded Massachusetts voters for a total of 241 votes to 192 Republicans. The Republicans retained control of the state Senate with at least 53 seats. The Democrats won 27 of the 40 up for election today, a net gain of seven.

Tuesday's election "was a definite defeat for the Presi- dent," Governor William F. Weld noted. "We won with you and with members of the Legislature and our Congression- al delegation to chart a very bright future for this state and for its people." Massachusetts voters approved four of the referendums on Tuesday's ballot: question two, moving the state's prohibition against capital punishment; question three, to place severe limits on public power plant and radioactive waste site construction; question four, to keep the state's bottle bill, which will take effect next year; and question five, the nuclear freeze resolution.

Voters rejected question one, which would allow the Commonwealth of Massachusetts to proceed with nuclear energy plants in the state. Kennedy won a landslide victory in the Eighth District over Republican Frank McNamaras, Jr., with 75 percent of the vote. The only Republican to win a congressional seat from Massa- chusetts, was incumbent Silvio Conte, reelected in the state's First District. The Democratic Party continued its domination of the Massa- chusetts State Legislature, gaining one seat in the State Senate and two in the House. State Sen- ator William Grassett, who switched from the Democratic to the Republican Party while in office, lost Tuesday to former State Representative Royal Boiling.

Michael S. Dukakis

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MIT will need at least one million dollars a year for its continuing financial aid deficits, Rose said.

"CJAC, which held its first meeting of the year on October 27, will propose revisions of the present policy at the March meeting of the MIT Corporations, he said.

"We're deeply and gravely concerned with this matter," Brenner said. "It's not critical yet, but may well be in the future." A broad-based education should not be limited by one's ability to pay, he emphasized. "Whether [that goal] can be achieved in reality is anyone's guess," he added.

"Not one, but many, many, many issues," are involved in financial aid policies, Secretary of the Institute Vincent Fuller '53 said. "The ideas and limitations [of the CJAC review] will become more clear during coming year," he added.

Increased student involvement in cooperative education programs would help ease the financial burden on the Institute, Rose noted. "The problem is a burden on both the parent and the student," he asserted.

Cooperative education has both advantages and disadvantages, Rose explained: while the time needed to graduate would be lengthened, "the stretched-out education would lead to increased maturities," he said.

Founded in 1969, CJAC is intended to advise the Corporations on Institute-wide matters. In the past, CJAC has had a role in both presidential searches— for Jerome Wiesner and Gray—and issues of Institute investment, according to Brenner. Last year, CJAC was in a period of "self-evaluation" and was inactive, he said.

CJAC is unique in that "it is a means of bringing the four major elements of the MIT family together to deliberate," according to Brenner.

The committee includes six members of the Corporation, including the President of the Alumni Association, one of whom is chairman of the committee; six members of the faculty, including the chairman of the faculty; and six students, including the Undergraduate Association President and the President of the Graduate Student Council. Corporation and faculty members serve three-year terms, and students, one-year terms.

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Advanced Opto-Electronics, Artificial Intelligence, Digital Technology, Advanced Microwave Transmission, Advanced Discharge Physics, Network Architecture, Integrated Communications, Natural Language Computers, Data Base Manipulations, VLSI/ULSI Developments. The greater our growth in tomorrow's technologies, the more we need talented young college graduates.

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If you are interested in one or more of the above GTE organizations, we encourage you to visit your placement office today and sign up on our schedules. If a schedule you are interested in is filled, please contact us directly.
World

Pope concedes weapons research — Pope John Paul II called weapons research “the scandal of our time” while addressing students at Madrid University. He told them scientists should pursue “the cause of peace and true progress.” The Pope also said the Catholic Church is opposed to political theories which make people the “object of production and consumption.”

IMF loans South Africa $1.07 billion — The International Money Fund (IMF) approved $1.07 billion in loans to the Republic of South Africa last Wednesday. The country entered a recession when a drop in the price of gold, a major export. Despite US Congress and UN disapproval on the grounds of racial discrimination in that country, the committee approved $135 billion now, the remainder to be borrowed next year. Although 68 member nations of the IMF voted against the loan, each nation’s vote is proportional to its economic strength. The loan passed with the backing of the United States and other western powers.

Nation

Dow Jones sets record high — The Dow Jones Industrial Average set a record high Wednesday at 1066.49; the previous high was 1091.30 in 1973. The Dow, a market average of major industries, rose 43.41 points, the largest single-day gain in history. Economists claim the economy is turning around, and expect interest rates to drop this week.

States approve nuclear freeze — Nuclear freeze referendums won the support of voters in eight of nine states. Supporters claim they have the cleat to push a pro-freeze resolution through the House of Representatives. Such a resolution failed last August by two votes. The proposal carried in Massachusetts, Rhode Island, Montana, Oregon, New York, North Dakota, California, and Colorado; it was rejected only in Arizona.

Weather

Rain is expected today, with highs in the 60’s. Expectations will drop this weekend, and there is a chance of snow on Saturday. Highs will be in the 40’s to lower 50’s.

Ivette Gable

Attention to all students interested in photography!

The Kodak Photo Seminar is coming to MIT as part of its 1982 College Tour. The seminar, sponsored on campus by The Tech, is an eye-opening 3-hour session designed to expand students’ knowledge of photography and help them get the most out of their cameras and films. The Kodak Photo Seminar covers the fundamentals of photography including light, composition, and camera techniques.

The seminar, which is led by two of Kodak’s expert photographers, will be held on November 5 from 5:30 pm to 8:30 pm. Admission will be free of charge, and a T-shirt will be given to all who attend.

The Kodak Photo Seminar is a must for all students wishing to improve their skills in the art of photography.

The Tech Photo Seminar

Information & Reservations: 253-6294

November 5 & 6 at 8:00pm
Kresge Auditorium
84 Massachusetts Ave., Cambridge
Tickets: $5-10 for MIT students

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If you are unable to interview at this time, send your resume or a detailed letter of interest to J.A. Goudarzi, The MITRE Corporation, 1820 Dolley Madison Boulevard, McLean, Virginia 22102. We welcome responses from minorities, females, veterans, and the handicapped.

U.S. citizenship is required for employment in all national security related areas.
Jerri-Lynn Scofield
On a clear day, can you see your future?

Just as spring is the time when a young man’s fancy turns to love, fall is the time when college seniors’ attention turns to the future. Type mepanes tend to resemble the twisted, slimy mess that Lobdell calls turkey tetrazzini. If you are of a mind to contemplate their futures, until sometime in their senior years around Christmas. In fact, the problem is not necessarily that students at the Institute often get so caught up in academic pursuits that they forget everything else. Unfortunately, the very rigor of the MIT atmosphere is often difficult for many students who are not previously acclimated to the real world to contemplate. (In case point: this is being written as I eat another Twenty Sewers dinner after having not slept much the night before.) You can imagine where future plans lie on the continuum of priorities.

One does not need to be a philosopher to convince underclassmen of the anxiety that arises when you try to sort out where you are going and where you are coming from. One need only to observe the mid-term grades being handed out or to sit in on a recitation. Instead of writing assignments, term papers, and weekly reading assignments sometimes makes students forget vital pursuits such as eating properly, sleeping soundly, or for that matter, working on the stories that are floating around the office. (For the second occasion, I was nonethe

Column/Ivan Fong
MIT has optimal formula

According to a story floating around MIT’s Sloan School of Management, a recruiter from a prestigious business firm was asked why his firm hired predominantly from Harvard’s Graduate School of Business when it had at all from MIT. His reply, simplicity was, “At Harvard, they teach concepts; at MIT, they teach skills. We can teach the skills, business schools are supposed to teach concepts.” His response struck me as indicative of an interesting image, accurate or not, that MIT projects. Obviously, the Institute’s departments teach both concepts and skills, and, in fact, the distinction in importance between concepts and skills is not at all clear. Nevertheless, assuming the terms “concepts” and “skills” can be properly defined, the generalization does ring true the educational emphasis placed on each reflects the schools’ philosophies toward its teaching and attitudes toward its students. To me, however, MIT embraces, in this context, an optimal middle ground in its educational engineering education.

As an engineering school, MIT faces the challenging yet enviable position of straddling the educational philosophies of the arts and sciences. The Institute’s departments teach both concepts versus teaching skills. To the liberal arts community, MIT is an engineering school, a school that emphasizes the narrow and the practical. To the engineering academic community, however, MIT tends to be more theoretical than the run-of-the-mill technical school in upstate New York. MIT aims not to train engineers but, rather, leaders in industry and research. The other perspective brings to mind two conversations which illustrate my point. The first was a remark by a top civil engineering student at a well-respected engineering school who assured me, quite seriously, that she thought college was a wasted class and useless in her chosen major. Tossing the reasons for her optimism aside, I was nonetheless less struck by the bluntness of her remark. The second occasion involved the dean of engineering at a medium-sized school in South Dakota. Upon learning that I was an MIT student, he boasted that all freshmen in his school’s Electrical Engineering Department were required to build their own microprocessor. This contrast between the two freshman curricula reflects well the differing educational philosophies.

Essentially, the balance between teaching concepts versus skills is influenced by two competing forces in an undergraduate engineering student’s curriculum. The competing components are the Institute’s commitment to a general education based on the liberal arts tradition and the school’s standard of graduating top-notch bachelor’s degree engineers. Yet, despite these competing interests, the two must be inextricably intertwined, if MIT is to continue to educate future leaders. Engineering students, perhaps due to pressure from the market-place, seem to place a premium on skills—often one hears complaints that certain required courses are irrelevant and therefore useless. Seniors, for example, may claim that they have never had to use what they learned in Freshman Physics. What they fail to understand, however, is that it is more important that they learn the methodology of problem solving and the explanations by which the methodology, not the application of a certain equation. Although such advice is little consolation to the freshman who is barely passing 8.01, the broader rationale is that in the years down the line, engineer

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feedback

Student moans over department ratings

To the Editor:
I was really upset to read in The Tech that our beloved physics department was ranked fifth in the country. I was especially disappointed at the news that we ranked behind Harvard—good thing they didn't announce this at an I.S.C. movie.

Oh well, that's sport I guess—not everyone can win. This study is really a good idea because now we will all try harder. I like to schools. How about the equiv-

thing they didn't announce this at where the weakest teams get the

rated behind Harvard—good traditional manner of the draft

in the country. I was especially determine funding (always a

ics department was ranked fifth use these N.A.S. ratings to help

To the Editor:
Student moans over

the level of play would be re-

cus on the battle for the national way, I'll bet University of Texas,

schools and fans alike as they fo-

very important to the players, don't

think of it as the academic equiv-

tal of a Heisman Trophy? After

is really a good idea because now in competition with other top

not everyone can win. This study to land the big equipment grants

JFK deserved Presidency

(Continued from page 5)

Castro that they were coming, and told them that he President John F. Kennedy was going to provide them with air support.

Well, when Castro heard that good old JFK had wrapped up many of his political enemies in a nice neat bundle he probably got excited over 12 years old that could pull a trigger and lay in wait for those heroes. I embarrass- ed Kennedy for his weakness in an article in the Raleigh News and Observer, so suddenly I got ordered to go to England (with- out my family for four months) I was in the USAF at this time.

and those idiots that the voters send to Washington don't like anyone bad mouthing their wick-

edness.

Of all the low people that the voters have sent to Washington in the past 30 yers I guess that J.F.K. was the only one who got what he deserved. So now you all go out and vote Democratic next month. After all, when people are severely maimed in some war (that never needs to be fought) they some times perform better.

Besides that we motorists like to

of all

the low people that the

A WOMAN can read The Tech in just five minutes. That's all it takes to keep up with Cambridge and MIT.

Occasionally, you'll see a piece on The Tech. Like when we started using our advanced electronic newsroom system. Or the time Gordon Haff (our former head buttoon) got moated. But normally we don't make the paper much.

You see, we've been

reporting the news here at The Tech since 1881. And according to the editor, there's no news in that anymore.

Charles Yarborough
Norris campaign condemned

To the Editor:

We condemn the actions of the Commonwealth Council (CCC), in their recent "Norris for UMC campaing," while the CCC's stated intentions—to elevate the status of the brick in society—seem admirable enough, the true motives of the Taiwanese group who control the organization are just the opposite. A UMC campaign starting as late as this one did has no chance of success—its true purpose must have been to discredit and publicize Norris, the true motives of the CCC may have actually believed that this ill-armed and ill-advised UMC campaign would benefit bricks and other building materials, it must be remembered that the end does not justify the means in this or any other important political campaign.

We demand a public apology from the small group of human scum who planned this campaign, and invite those members of the MIT community with a genuine interest in the fate of bricks in today's society to join either the MIT Bricklaying Society or the MIT chapter of Friends of Norris. Help support the bricks which support your buildings.

Laurie Pearlman '83
President, Friends of Norris, MIT

Dan Lyman '84
President, MIT Bricklaying Society

Eric Beckus '84
Honorary Chairman, Friends of Norris, MIT chapter

Josh Kaplan '85
Vice- President, MIT Bricklaying Society and an additional 17 people.

P.S. Let's bury this Homecoming Queen issue once and for all.

notes

Lectures

On Thursday, November 18, from 6:30pm to 8:30pm, there will be a luncheon to be followed at 12:30pm by talk and discussion led by Tufts University Professor Benjamin Cahan on "Arab Investments in the United States" at Zionist House, 17 Commonwealth Ave. Free. Please call 267-3600 in advance to reserve lunch. Sponsored by New England Zionist Federation.

Lydia Falcon, Spanish feminist author and professor at the University of Massachusetts-Amherst, will lecture on "La mujer y la politica en Espana actual"—a lecture in Spanish by Lydia Falcon, Spanish feminist author and professor at the University of Massachusetts-Amherst, will lecture on "La mujer y la politica en Espana actual"—a lecture in Spanish on November 29, in room 3-133.

An invititation to all students

The MIT Corporation's Visiting Committee on Student Affairs will be here soon. Please join us on Monday, November 8, at 9:00 a.m. for the morning session in the Ashdown House Dining Room as we discuss issues in the student activities area.

We extend a special invitation to you to attend the evening session on the 8th which is an open meeting/reception with students from 7:30-9:00 p.m. in the Mezzanine Lounge of the Student Center.

For more information call 3-6776.

The Office of the Dean
for Student Affairs

Eastman Kodak Company, MIT, and The TECH would like to introduce you to the world of photography. In one intense 3-hour session we will cover the fundamentals of better photography: light, composition, camera techniques, everything you need to know to take better pictures. Because it's not what you see. It's how you see it.

Kodak Seminar

November 8 at 26-100
6-9 p.m. Free admission
Free T-shirt to all who attend.
MIT provides for the handicapped

By Andrea Marra

MIT "needs to make a fair amount of effort for its handicapped students," Gregory Kochanski '82 reported. The main buildings of the Institute are fairly accessible, Kochanski noted, but improvements, such as the wheelchair lift in Building 1, are difficult to instill because the buildings are so old.

There are too handicapped students at the Institute this year, according to John Rutledge, Assistant Operations Manager for Housing. Daniel Sonnenfeld '85, who is hard of hearing, said he is impressed: "MIT is very open to handicapped students." He said MIT is "one of the best universities in that aspect."

The summer before his freshman year, the Office of the Dean for Student Affairs (ODSA) contacted Sonnenfeld to ensure his dormitory room would have apparatus he needed. MIT installed a strobe light to signal if someone was at the front door, a light-up fire alarm, and a special telephone with an amplifier in Sonnenfeld's room in Senior House.

"I have a lot of good will and motivation, but they don't yet have enough facilities," noted Sonnenfeld. He said he would like to have a teletype machine and a desk at the door, a light-up fire alarm, and a special telephone with an amplifier in Sonnenfeld's room in Senior House. "If something hasn't been done, it's because it hasn't been brought to their attention."

Both Sonnenfeld and Hershey noted other students and faculty have been very receptive to their difficulties.

Cambridge is not very accessible for a handicapped person, Kochanski said: there are few curb cuts in the sidewalks and many businesses have steps in their entrances.

"Nearly all the dormitories, and particularly, 500 Memorial Drive, are equipped with special facilities for handicapped students," Rutledge noted. Next House has eight rooms specifically designed for handicapped students; these rooms have handles instead of doorknobs.

"Handicapped students could live here rather comfortably," said George Hosker, House Manager of 500 Memorial Drive, who noted the dormitory was designed to accommodate handicapped students. There are no steps on the main floor, and ramps connect the front entrance to the elevators. Each floor has one special bathroom, equipped with railings on the walls and a special sit-down shower with a hand-held shower head. The elevators have braille markings.

Other dormitories with similar facilities include Burton House and McCormick Hall, which have ramp systems and some bathrooms with enlarged shower stalls with hand-held shower heads. One suite in the New West Campus Houses has a especially designed kitchen with handles instead of doorknobs. East Campus is also fairly accessible to handicapped students, as the rooms are large and have their own sinks.

Samuelson analyzes 1982 electoral outcomes

By Ron Norman

Paul A. Samuelson, Institute professor and Nobel Laureate in economics, expressed optimism Wednesday about the outcome of the previous day's elections.

The Undergraduate Economics Association sponsored Samuelson's speech, entitled "The Evening After." The economics said the election was "favorable for the American economy."

National polls closely predicted the outcome of the Congressional elections in which the Democrats, party gained 23 to 24 seats in the House of Representatives, while the Republican Party maintained control of the Senate. Samuelson said his optimism stems partly from the stock market's reaction to the liberal surge, Samuelson explained. The Dow Jones Industrial Average Index rose by over 40 points on over 100 million shares traded Wednesday.

The election was, "a setback to Reagan economy," Samuelson declared and a defeat to the "radical right" supply side economists and monetarists.

Sparren Sie 30¢

Viennese style, with a touch of cinnamon.

Economisez 30¢

Smooth and light, French-style.

Risparmia 30¢

Crispy rich, with an orange twist.

Tabahli 30¢

Delicious, like a chocolate after-dinner mint.

Risparmia 30¢

Rich and chocolatey Swiss.

Risparmia 30¢

Delectable and aromatic, with just a kiss of amaretto flavoring.
Shaiken discusses office machines

By Bill Doherty
Harley Shaiken, a labor leader and technology analyst of MIT's program on Science, Technology and Society, delivered the opening remarks at the International Conference on Office Work and Technology held at the Parker House in Boston last week.

Shaiken emphasized office technology now encompasses almost every part of the economy. He joked that "a computer is capable of making more mistakes in twenty seconds than two people working day and night for a year," but stressed we must "develop office technology in a way to benefit those affected [directly] by it and society as a whole."

The process of designing office automation systems that are safe to use and reasonably easy for humans to work with is called ergonomics.

MIT and MDC police arrest man for attack on bridge

(Continued from page 1)

"Even one crime is bad," Cabral stressed, "but I remember several years ago it seemed like they were a couple every week.

The Campus Police do not have jurisdiction on Cambridge streets or on or across the Charles River bridges, according to Cabral. "There's not much we can do," he said.

"The dangerous places are at the beginning and end of the bridge, where the criminal can make an easy escape," Cabral explained. "Sometimes if we see someone egging or starting to cross we'll take a quick drive over the bridge and back, but we can't offer rides.

"Realistically, as long as the bridge is there, there are going to be robberies."

In her keynote address to conference participants, Elisabeth Renzwick, of the Personal Office Systems Division of Apple Computer, explained that software systems now on the market do not reflect the capabilities currently available. She urged that consumers of software technology seek out ergonomic, or user-friendly, software packages.

One major theme of the conference was the participation of workers in the planning and implementation of office automation systems. Representatives from Norway and Sweden described legislation and union-management cooperation in their countries. The United States lags about five years behind Scandinavian countries in the development of a safer and more effective office environment.

According to conference participants, many people are concerned about possible health risks from office work using video-display terminals (VDT's). Headaches, eyestrain and muscle problems, poly-chlorinated biphenyls (PCB's), and low-level ELF-type radiation have been linked to VDT's in the workplace. Government and labor agencies have agreed to investigate reports of skin rashes, cataracts, cancer, miscarriages, and birth defects.

Michael Dalakis, Democratic candidate for the Governor of Massachusetts, expressed his support of the conference and urged the participants to vote for him in the election day.

If one workshop, Claudio Ciortoiu, of the Politechnico de Milano in Italy, described three models - Tayloristic, cybernetic and phenomenological models - used in office work design. The Tayloristic model, named after Frederick Taylor, presumes that office work activities can be programmed by management and that office workers follow predefined procedures. The cybernetic model says people should have feedback about their work, while the "most democratic" method is the phenomenological one. It encourages a cooperative, worker-designed environment.

Over the past 25 years, clerical work has replaced manufacturing employment as the base of the economy. There are 10,000 times as many computers in use today as in the early 1950s, and revenues of the computer industry may surpass those of the oil and auto industries by 1990. The National Association of Working Women, known locally as 9 to 5, sponsored the event.

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Department of Architecture, University of Washington

November 8

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Molson Golden. That's Canadian for great taste.
Schwanz to couple with Steiner

Shortly to grace Compton Court is a ceramic sculpture by the late surreal artist, Henry Schwanz. Entitled simply Algeria, the structure is to be housed by and become integral with Steiner’s Nagra, which, in part, inspired the new work. It is a gift from Louis and Ruth Smullin whose property on the shore of Cape Cod has long been adorned by the first draft of the piece, housed in a wooden mock-up of Nagra.

Schwanz was familiar with many collectors of Outsider art as he and competing winner of the Grand Prix in the classical Tercetul competition. His thematic handling of the Rites of Chacina led in a bed of myrtle; his spate Caraça Cara (inspired by a line of Catullus) with its rolling center-piece symbolic, even redundant, of daily delivery; his Lives of a Beng-hole Lancer which now adorns the entrance to the American College of Proctologists, have all thrown his message at the public eye and hardened his medium into its arresting form.

With Algeria, Schwanz has widened his horizons. The work itself is a simple, concrete-lined hole in the earth flanked by two bricks, carefully set in parallel and protruding about ½ inches above the outer level of the hole. Ambigious in function, it remains unambiguously exactly what it is.

Taken from a North African design, it is shared of all rococo features, stripped to its essential inwardness/outwardness dialectic, and made the product of pure necessity.

This important addition to the MIT collection of droppings from flocks of 747’s, quite explicitly the central spirit of the lawn pieces at Compton Court in a way that even the blind can appreciate.

Jerome Y. Letvin

Editor’s note: Professor Lettvin is The Tech’s guest art critic. Rumors of the appearance of this review must have been rife, because we received this letter within hours of our receipt of Prof. Lettvin’s commentary.

To the editor:

Once again my ex-friend Professor Lettvin has overstuffed the bounds of civilized conduct. Although his characteristic way of work is scholarly and perceptive, Lettvin’s proposal that Schwanz’s Algeria be displayed as part of, or even in conjunction with, the work of another artist, even one so eminent as Steiner, is outrageous. Throughout Schwanz’s distinguished career, he adhered to the neo-minimalist credo “enough is enough.” Having seen Niagara, I too say “enough is enough.”

Professor Louis D. Smulich

Make money and still study

Freelance Forever: Successful Self-Employment is written by Helene Whitley, an attorney.

With a growing number of college graduates choosing self-employment rather than a structured nine-to-five schedule, a need has developed for a thorough explanation of money management. In 416 pages, Whitley has responded to this need handsomely.

A comprehensive guide to legally paying less to pay the books. Proper methods for freelancers to make deductions are incorporated here. The section concentrates on dealing with artists — writers, photographers, performers, actors, and illustrators — but even the occasionally-employed would find the information provided helpful.

The section most useful to college students is Chapter 2: “Credit and Loans.” Whitley has written some fascinating procedures to follow for waiting the longest possible time before paying bills. Easy ways for building up a credit rating in order to get all important first credit card are summarized quite well: they are followed closely by instructions on how to do when you need credit.

What happens when you are in debt? “As-N-Acto knife is the perfect instrument for adding a few holes to computer punch cards. Your holes won’t be noticed by humans, yet the computer will be confused, so your card will be sent back on the floor and have to be reprocessed by hand, which gives you a few days’ leeway,” says the Computer Subchapter section. Other ingenious methods include putting conflicting amounts on your check...overlook signing your check... “mail your punch card and payment check in an envelope, which you have saturated with cheap perfume. The perfume molecules are said to knock the computer out of whack so that it can process neither your bill nor anyone else’s.” Fortunately, these quasi-legal methods of avoiding payment are followed closely by the legal aid section.

A very well-researched section on housing is included. Undergraduates thinking in terms of moving off-campus would do well to purchase the book for this section alone; it conveniently lists advantages and disadvantages to renting and buying a house or apartment as well as discussing modes of finance.

After some useful discussion of insurance, there’s a chapter entitled “How to Make Money and Still Do Your Work” otherwise known as “How to Make Money and Still Study.” An applicable section here involves right work. “While many people hate the so-called ‘graveyard shift,’ from midnight until morning, it is quite popular with artistic types, and you may find that you have interesting colleagues at these jobs.” Another fascinating possibility involves test panels. “These panels test the reaction of a carefully chosen population to a new product, concept, or occasionally even a new law... You often get a meal out of them, or at least coffee and carbohydrates in exchange. They usually pay $15 to $20 for an hour or two of participation.”

The book goes on and on with worthwhile suggestions. Definitive useful after graduation, Freelance Forever is certainly appropriate for those still trying to graduate.

Stuart Gitlow
I scream for Beefheart

Ice Cream for Crow, Captain Beefheart and the Magic Band on Virgin/Epic Records.

In 1969, puritan and critic and full-time MIT professor of political science Langdon Winner wrote a now-classic defense of Captain Beefheart's Trout Mask Replica. The story concluded in a collection called (Soundly) analyzed Beefheart's seemingly random walk of noise approach, showing it to be a very carefully premeditated synthesis of delta blues and free-form jazz with cryptic but deconstructive lyrics. Trout Mask still recorded his best work, established Beefheart's reputation as a cult hero.

Beefheart (a.k.a. Don Van Vliet) has retained his cult status for more than ten years, adding more critics to the ranks of the believers and endeavoring himself to rock's current avant-garde artists. Although his followings include many punks, including avant John Lydon, none have been as helpful in boosting the Captain's public image. He remastered the fact in "Ashtray Heart" (from 1988's Doc of the Radar Station), singing "Break out a case of the punks... you used me up like an ashtray heart." Despite the minor success of the lament and the record, arguably his best in years, Beefheart retired to his mobile home in the Arizona desert to paint and write more music.

Ice Cream for Crow, the Captain's twelfth record for his seventh label, marks a musical retreat in his early work, presenting a set of side guitar extravaganzas and folk-like instrumentals along with his most humanely lyrics to date. Beefheart's legendary seven-verse vocal range is little in evidence, due either to the toll of too many cigarettes or an effort to seem more conversational. In either case, it is sorely missed: a few healthy screams would have provided much-needed access to the rock-and-roll regulars for Beefheart, this isn't arrangements. Most noticeable, if only in their absence, are Eric Drexler's keyboard playing—present only on "Jackie's Backward World" and harmonica throughout, leaving his vocals alone amidst a forest of independent rhythms.

Two frenetic rosettes distinguish themselves from the disc's overall even keel. The first, the title track, describes a bizarre Halloween ritual:

Tonight there's gonna be A leather treatment Beneath the symbol you'll walk all assemble Oh we'll fly Oh how we'll stumble The second, "The Past Sure is Terse," could pass for a bona fide punk number if it weren't for Beefheart's penchant for witty wordplay. He reserves his most striking imagery for "The West the Ghost the Mad Holy-O," a warning against ecological disaster:

Who, not even a rustler'd have anything to do

The highlight of an otherwise uninspired show is the team of caricatured gangsters, the Pork Pie Gangs, as evidenced in "Wunderbar" and other fast-act music.

Musical director David Gillogly is at least partly responsible for the show's slick pace, as evidenced in "Wunderbar" and other fast-act music.

Kiss Me Kate, ventures by the MIT Musical Theatre Guild. Performances tonight and tomorrow at 8pm, Kresge Auditorium.

Had William Shakespeare seen this show, he would have stuck to sonnets. A few memorable musical numbers do not a fine musical make, nor do a few pleasing individual performances a strong production make.

Kiss Me Kate, another entry in the all-too-familiar genre of backstage musicals, projects The Taming of the Shrew onto the actors performing Shakespeare's comedy. Fred Graham (Michael Robson) directs The Taming of the Shrew and plays Petruchio opposite Lilli Vanessi (Alice Mercer) as Katherine. Divorcees Graham and Vanessa's backstage battles parallel their characters' onstage strife.

The major problem with this production is Kresge Auditorium, or more precisely, the Musical Theatre Guild's continued inability to master the theater's acoustics. The lyrics of "Another Opening," perhaps the show's strongest number, are obliterated by their orchestral accompaniment. While less obtrusive later in the show, this weakness is, unfortunately, quite pervasive.

Musical director David Gaylin is at least partly responsible for the show's slick pace, as evidenced in "Wunderbar" and other fast-act music.

The highlight of an otherwise uninspired show is the team of caricatured gangsters, the Pork Pie Gangs, as evidenced in "Wunderbar" and other fast-act music.

Musical director David Gillogly is at least partly responsible for the show's slick pace, as evidenced in "Wunderbar" and other fast-act music.
I

Announcements
Pick up your money and unsold books if you have not already done so. Checks and books from the APU Book Exchange earlier this term will be held in the Al- pha Phi Omega office, 20-415, in the Student Center, x-3788, until today.

Robert Peterson, U-Maro History Professor, will speak on "The Ar- gentine Military in the Aftermath of War and Defeat," Tuesday, No- vember 9, in Coolidge Hall, 1737 Cambridge St., Cambridge, Semi- nar room 2, Harvard University. The lecture is part of the CLASS- CFIA Latin America lunch semi- nar series sponsored by the Pan American Society of New Eng- land.

The Center for Cogitative Science is sponsoring a seminar on "Technology and Work Organization: Issues for Worker Control and Skills." November 9 at 4:00p.m in the Philosophy of the

A free lecture on "The Social and Emotional Aspects of Separation and Divorce" will be presented at 7pm on Monday, November 8, at the office of Riverside Family Counseling, 362 Washington St., Dedham. The speaker is Dr. Harry Kenesh, co-author of Family Violence Patients, prominent di- rector, and Director of Riverside Family Counseling in Dedham. The lecture, which is open to the public, is part of a series on family issues presented by the staff of Riverside Family Counseling. For more informa- tion, call 329-2327.

The Everett Moore Baker Mem- orial Foundation will hold inter- views to fill a vacancy on its gov- erning board on Sunday, No- vember 7, at noon, in room 400 of the Student Center. All MIT stud- ents undergraduate and graduate — are eligible for the posi- tion. The Foundation, created in 1936 by the students of MIT, works to advance the goals of the late Dean Baker. The consider- ation of human beings as individ- uals, a broad educational policy, dynamic extracurricular program, and congenial physical and intel- lectual environment at MIT, and international understanding. For more information, contact Keith Thue, 267-5579, Barry Surman (x5- 6757), or Susanne von Rosenberg (x3-7898).

The A. Austin Kelly III Compe- tition in humanistic scholarship is now open. The award is two prizes of $250.00 each for the best scholarly or critical papers in any of these fields: Literary Studies, History, Economics, Anthropol- ogy, Psychology. All full-time MIT undergraduate are eligible, except previous winners. Papers must be at least 4000 words long (14 standard typed pages). Papers may be written en- tirely for the contest, or papers from classes may be submitted, either as they stand or in revised and expanded form. Students are encouraged to consult with facul- ty. The deadline is April 30.

Lectures

Massage is the subject of a week- end conference at Another Place Conference Center November 5- 6. Workshops will include a vari- ety of massage techniques and body work. For information, call or write: Another Place, Green- ville, N.H. 03848, (603) 879-9883.

Come and hear Cindy Domingo speak about an audience of elected local officials in Seattle and the politics behind them to- night, 7:30p.m, at the Church of All Nations, 333 Tremont St., Boston. Donation $3. For more information call 628-1674.

The Aga Khan Program Lecture Series will present Lebelle Prus- sin, from the Department of Archi- tecture of the University of Wisconsin, to speak on "History: Spatial Paradoxes in West African Art." Friday, November 6, 5:15p.m in room 2-135.

New York University Visits Your Campus to Answer Questions on the M.B.A. Program

Located in the heart of the Wall Street area, New York University's Graduate School of Business Administration has trained students for executive positions for over 60 years. A recent survey by Standard & Poor's noted NYU Business School number 2 nationwide as the source of graduate education for chief executives in major companies. On Monday, November 8, an admissions officer will be on campus to discuss the quality and flexibility of the graduate business program. Check with the Office of Career Develop- ment for sign-up schedule and further information.

New York University is an affirmative action/ equal opportunity university.

PAGE 12 THE TECH FRIDAY, NOVEMBER 5, 1982

Social and planning meeting for recent immigrants to Jewish and Israeli music, art, and dance (performance and participation) will be held Thursday, November 4, at 7:30 pm at Zionist House, 17 Commonwealth Ave. Artists, musicians, dancers, and just plain folks welcome. Call 267-3600 for more information. Sponsored by New England Zionist Federation and the Israel Cultural Center.

Can an nuclear war be avoided? This will be one of the questions which will be answered at the First Annual Physicians for Social Responsibility New England Regional Conference in Cambridge on November 5, 6, and 7. The conference will feature a number of educational workshops and addresses by such eminent spokespeople as Admiral Eugene Carroll and Yale University Professor Robert Lifton. The conference is open to the public. Further information can be obtained by calling 353-3919.

A CHORAL CONCERT
The Wellesley College Choir and the Union College Glee Club
Benjamin Britten

GARFIELD TOWELS BY BURLINGTON
Soft, absorbent, and charmingly colorful.

T R I P
16th Anniversary of the Proclamation of the Independence of Barbados, November 30, 1966, a special patriotic/cultural program will be presented Tuesday, November 30, at 7 pm. Champagne reception to follow. Reservations are required, as seating capacity is limited. For information, call the Pan American Society of New England, 266-2248. Donation: Members, $4.00; non-Members $6.00 in advance. Members $5.00; non-Members $7.00 at the door.

5-BY-7 PAPERS
THE WELLESLEY COLLEGE CHORUS
Benjamin Britten

Rensselaer Polytechnic Institute Graduate Schools

For further information, call 964-6933.

National Student Association of New England, 267-2235. The Zionist Caravan will be in Boston from November 12-15. It is a mobile resource center staffed by a group of former Americans now living in Israel. The caravan members will address a variety of audiences and appear on radio and TV programs. Special exhibits will be set up at several campuses, as well as at specific locations in town. For more details call New England Zionist Federation at 267-3600.

In commemoration of the 90th Anniversary of the Proclamation of the Republic, November 15, 1848, a special patriotic/cultural program will be presented Tuesday, November 16 at 7 pm. Champagne reception to follow. Reservations are required, as seating capacity is limited. For information, call the Pan American Society of New England, 266-2248. Donation: Members, $4.00; non-Members $6.00 in advance. Members $5.00; non-Members $7.00 at the door.

Stepparenting is an acquired skill. An educational group for couples who are remarried and have stepchildren living with them or visiting them will be starting Tuesday, November 16. The group meets weekly for twelve weeks from 8:00 to 9:30. The focus is on strengthening the couple relationship while caring for children and coping with the complexities of the stepfamily. It will be held at the Institute for Remarriage and Steffamilies, 219 Waitlist St., Newtonville. For more information, call 964-6933.

Weekly for twelve weeks from November 16 to December 21, this will be one of the questions which will be answered at the First Annual Physicians for Social Responsibility New England Regional Conference in Cambridge on November 5, 6, and 7. The conference will feature a number of educational workshops and addresses by such eminent spokespeople as Admiral Eugene Carroll and Yale University Professor Robert Lifton. The conference is open to the public. Further information can be obtained by calling 353-3919.

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If our interview schedule is full, send your resume to Penny Conroy, Tandem Computers, Inc., 19333 Vallco Parkway, Cupertino, California 95014.

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Guglielmo Marconi was able to see communications revolutionized by his development of the first successful system of radio telegraphy – the wireless. His first experimental transmissions were no more than a few feet. But, within a quarter of a century, he had advanced his system to the point that a radio message sent from England could be received in Australia.

E-Systems scientists and engineers continue to expand the technology he began. Today, communications equipment designed and developed by E-Systems engineers is used extensively around the world for data acquisition, processing, storage and retrieval systems and other systems applications for intelligence and reconnaissance. Often, the developed systems are the first-of-a-kind.

For a reprint of the Marconi illustration and information on career opportunities with E-Systems in Texas, Florida, Indiana, Utah, and Virginia, write: Dr. Lloyd K. Lauderdale, Vice President, Research and Engineering, E-Systems, Inc., Corporate Headquarters, P.O. Box 226030, Dallas, Texas 75260.
The Creative Writing Program and English Department of Boston University will present Sharon Olds, poet and author of Satan Says and the forthcoming The Smart and the Living, reading from her works on Wednesday, November 17, 5:30pm in room 315, George Sherman Union, Boston University. The reading is free and open to the public. For further information, call 353-2510.

A lecture-discussion entitled "Ex-Spouses and the Triangles Within the Stepfamily" will be held on Monday, November 15, at 8pm at the Institute for Remarriage and Stepfamilies, 259 Walnut St., Newtonville. The focus will be on the role of the former spouse and the continuing relationship between the previously married couple as it effects the stepfamily. A short presentation, including suggestions for managing a family with more than two parents in it, will be given by the Institute Director, Jamie Kelem Keshet; questions & answers, and discussion will follow. Admission is free. For more information, call 964-6933.

Eric Rouleau, Middle East editor of Le Monde and author of My Home, My Land: A Narrative of the Palestinian Struggle, will address the World Affairs Council of Boston on "Europe and the Middle East: A Journalist's Perspective." Wednesday, November 10, from 12:00 noon to 1:00pm, at the World Affairs Council Rotunda, 22 Batterymarch Street, Boston. For more information, contact Carey Goodson at 482-1740.

Gustavo Colonel, Fellow at the Center of International Affairs, Harvard University will present an analysis of the economic and political situation of Venezuela from the Presidency of Carlos Andres Perez to the present. Wednesday, November 17, 6pm. Emphasis will be placed on the petroleum issue and interaction with the rest of the country. Also, a brief comparison of the Venezuela experience will be made with regard to other Latin American countries, e.g., Mexico. An informal reception will follow serving Mexican coffee.

Donation: Members $2.00, non-Members $3.00, Students w/ID $1.00.

The lecture is sponsored by the Pan American Society of New England.

Anyone interested in being a pen-pal with someone from a foreign country should send a stamped, self-addressed envelope to Pen Pals, 22 Batterymarch, Boston, MA 02109. The International Friendship League runs the pen pal program.

Students interested in volunteering to tutor public school students should contact School Volunteers for Boston at 267-2626 or 451-6145.

Lectures

Listings
Join us for a morning jog

On Tuesday and Wednesday, November 9th & 10th, representatives of General Electric will be on your campus.

Our Technical Recruiters would like you to join them for a morning jog. We’ll begin at 77 Massachusetts Avenue at 6:30 AM each day, jog down Memorial Drive to Storrow and over the Longfellow Bridge (Some of our managers will turn back up Massachusetts Ave. before reaching the Longfellow Bridge for a jog of a little over 2 miles). Once over the bridge we’ll head back to 77 Mass. to finish up our 5.4 mile jog.

If you're interested in meeting our people in a completely informal setting...put your track shoes on and join us. If at 7:30 AM you're still curled up in bed... or with a good text book...just remember your interview with General Electric.

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11 a.m. — 3 p.m.

Acapulco French Toast 3.95
This three-egg cheese omelette is wrapped in Chi-Chi's own light flour tortillas. Laid atop is our thick home made ranchero sauce, finished off with a topping of melted cheese.

La Paz Omelette 3.95
A hearty spinach-leek omelet stuffed with chorizo and cheese, covered on top with Monterey Jack cheese and Chi-Chi's creamy white sauce, topped with guacamole rice. A unique, delicious, authentic experience.

Seafood Omelette 3.95
A three-egg omelette stuffed with Alaskan king crab meat and other fresh seafood, covered on top with Monterey Jack cheese and Chi-Chi's creamy white sauce. Enjoyed at the restaurant, a creamy cheese sauce seasoned with papaya from south of the border.

Omelette Cambridge 3.95
For you Cambridge Fresh avocados, green chile peppers, and cheese are blended into a three-egg omelette and topped with guacamole and fresh diced tomatoes.

Steak and Eggs 5.50
Tender strip sitation served with two eggs. Cooked to your specifications.

Includes many glasses of champagne.

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Opportunities for nationals of West European countries and of Argentina, Brazil, Indonesia, Japan, Belgium, Netherlands Antilles, Israel, Oman, Singapore, Thailand and United Arab Emirates. Who wish to return to their areas of origin.

Scallop Corporation represented by Peter C. van Keeken will be on campus to interview graduates of above nationalities in the following disciplines:

Western Europe:
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- Ph.D. level Geologists.
- Ph.D. level Chemists (British only).
- M.S. or Ph.D. level Computer Systems Analysts and Operations Research Specialists.
- Masters in Business Administration and Graduates in Economics, Finance and Marketing.
- Petroleum and Mechanical Engineers.
- Geologists.

Argentina:
- Masters in Business Administration and Graduates in Economics, Finance and Marketing.
- Chemical Engineers for Chemical Manufacturing.
- Graduates (British only) for the Trading, Finance and Personnel Administrations.
- A Mining Engineer, an Electronics Engineer and in Geology.

Japan:
- Masters in Business Administration.
- Appropriate Technical Graduates for a potential career in Exploration and Production.
- Masters in Business Administration and Graduates in Economics and Accounting.
- Computer Application Graduates.
- Promising Graduates in Engineering, Science, Finance and Accounting.
- Chemical, Mechanical, Electrical and Electronic Engineers.
- Computer Application Graduates.
- Geologists and Geophysicists.
- Petroleum, Mechanical, Civil and Electrical Engineers.
- Computer Application Graduates.
- Graduates in Engineering and Accounting.
- Chemical, Mechanical, Civil and Electrical Engineers.
- Masters in Business Administration and Graduates in Economics and Accounting.
- Computer Application Graduates.

Thailand:
- Petroleum, Chemical and Mechanical Engineers, Geologists and Geophysicists.
- Graduates in Business Administration, Economics and Finance.

United Arab Emirates:
- Engineering and Business Graduates for the Abu Dhabi Shell Company.

If you are interested, please contact your Placement Office.

Monday, November 15, 1982
Sloan wins I M bike race
By Martin Dickman and Pepper White
(Editor's note: Pepper White is the graduate resident at Atkinson En-
try in Senior House and is a mem-
ber of the dorm's "A" squad.)
F orty-two cyclists competed 
last Saturday in the MIT Team and 
Individual Bicycle Cham-
pionship held in Concord and 
Carlisle.
Samad Majd copped the in-
dividual title and led his team from 
the Sloan School on to vic-
tory. The Senior House "A" 
team took second, and Phi Beta Epispan placed third.
Final scores were based on the 
overall times of each of the 
team's top three riders. Sloan's 
winning time was 244:03, almost 
six minutes ahead of Senior 
House's 249:58 and well ahead of 
PBE's 253:49.
The race took place over a 
10-mile route, with each rider 
required to make three circuits. A 
group of thirteen riders led the 
pack going into the last lap. The 
Sloan School team and the Sen-
ior House "A" squad both had 
three riders in the lead group 
and were in a position to take 
the team title in the bunch sprint.
The final few miles were very 
hilly, and the leaders separated 
on the last climb. The Sloan ride-
ers managed to remain among 
the frontrunners, though, seep-

ing up the team victory. A 
strong sprint by Sloan's Majd gave 
him the individual honors.
Although only four teams par-
ticipated in Saturday's race, a 
better turnout at the spring mar-
tre race is hoped for. Eric 
Martinot, captain of the eight-


Men's Sailing — MIT won the 
Stonehill Invitational Regatta last 
Saturday, taking eleven of twelve 
races. For the Engineers were 
skipper Lars Rosenblad '84 with 
crew Linda Maxwell '83 and skipper Steve Ulh '84 with crew 
Mary Grant '83.
In the Schell Trophy, Bruce 
Klein '83 and Peter Quigley '84 
both finished sixth in their re-
spective divisions, qualifying 
MIT for the Atlantic Coast Com-
petition.
Women's Sailing — ended the 
season on a positive note with a 
seventh-place finish in the Victo-
rian Coffee Urn at Radcliffe. Top 
skippers for the Engineers were 
Margarit Norris '85 and Domin-
ica Gre '84.