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The Tech

MIT
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Massachusetts

Friday, March 9, 1984



Tech photo by Henry Wu

Candidates answer queries from the floor in the election forum last night.

Few attend UA election forum

By Ronald W. Norman

The General Assembly's election forum last night was attended by fewer than 10 people who are not running for office, and only 13 of the 30 declared candidates were present.

"There are quite a few people who aren't here because of tests," said Kip Dee Kuntz '85, member of the UA Election Commission.

UA presidential and vice-presidential candidates David M. Libby '85, former floor leader of the Undergraduate Association General Assembly, and Stephanie L. Scheidler '85, an Association of Student Activities representative to the UA Finance Board, discussed their positions on various issues.

"The UA should not focus on itself, it should do things for the students," Libby said.

Libby also outlined projects he would like to work on if elected, including an outdoor café on the Francis Amasa Walker Memorial

Building (Building E50) veranda; a shuttle bus to the Centrum in Worcester for concerts; a shuttle bus across the Charles River if the Harvard Bridge is closed for repairs; à la carte meals for Institute meal services; and an Oktoberfest in addition to or instead of Homecoming.

Scheidler listed several committees that she would like to form to look into the issues of off-campus housing, minority student enrollment, humanities enrollment, social coordination between the Student Center Committee and the UA Social Committee, an Association of Student Activities newsletter, incentives to get students to apply for scholarships, and student government's communication problems.

Libby also said a UA newsletter should be published regularly.

Vice-presidential candidate Michael D. Battat '84 was the only candidate from that class at the forum. Battat said he is interested in organizing a five-year reunion for the class. Battat is running on a ticket with presidential candidate Diane M. Peterson, now class vice president, candidate for treasurer Lisa C. Tener and candidate for secretary Henri J. Meerman.

Presidential candidate Michael R. Candan '85 was the only candidate at the forum from the junior class. "Publicity is the biggest thing we need right now," Candan said.

The only candidates attending from the Class of 1986 were current President Vivienne Lee, vice-presidential candidate Sharon A. Israel, and publicity chairperson candidate Hannah E. Bond, who are running as a ticket.

The team says it wants to organize social events for the entire class. "We're still searching for something everybody would enjoy," Israel said. The candidates want to go to living groups for dinners and talk to people about

(Please turn to page 2)

Wages cited in tuition hike

By Mark Caylor

The primary factor in this year's 7.3% tuition increase was increased employee wages, said President Paul E. Gray '54. According to Gray, 60 percent of MIT's \$600 million annual budget goes to employee salaries, wages and benefits.

The Executive Committee of the MIT Corporation approved the final increase at its regular meeting last Thursday.

The rise in tuition from \$9,600 to \$10,300 next year will be accompanied by an average 5.7 percent increase in room and board, from \$3,880 to \$4,100.

The annual budget for the Institute is compiled by Provost Francis E. Low and Senior Vice President William R. Dickson '56. The tuition rate is then determined, based on economic predictions for the academic year it will cover. The tuition, Gray added, must be determined six months before it must go into effect.

The Institute raises wages com-

parably to raises paid elsewhere, Gray said. This increase is generally greater than the increase in the consumer price index, he added. Wages and salaries are a large portion of the budget, Gray added, and therefore "tuition increases will always exceed the rate of inflation."

Tuition increases above the inflation rate is a problem at colleges and universities throughout the nation, not only at MIT.

Tuition covers half the cost of the educational program at MIT. The rest of the cost is now being paid from gifts and the Institute's endowment.

One sixth of MIT's budget goes directly to the expenses of the instructional program, Gray said. Another sixth of the budget funds the support groups such as physical plant, libraries and student affairs.

The remaining two thirds of the budget is divided equally between research costs at MIT and research costs at MIT's Lincoln Laboratory, he said.

Gray said he is "a strong supporter of need-blind admissions policies." He did not wish to comment, however, on the possibility of admission being based on an applicant's ability to pay tuition until the task force on need-blind admissions a report.

Students discuss academic purpose

By Burt S. Kaliski

Two groups of students are discussing the purpose of an MIT education in an attempt to discern students' desired amounts of general education and professional training.

Only two students who are not members of the Student Committee on Educational Policy, however, attended a widely-publicized meeting on the matter Wednesday night.

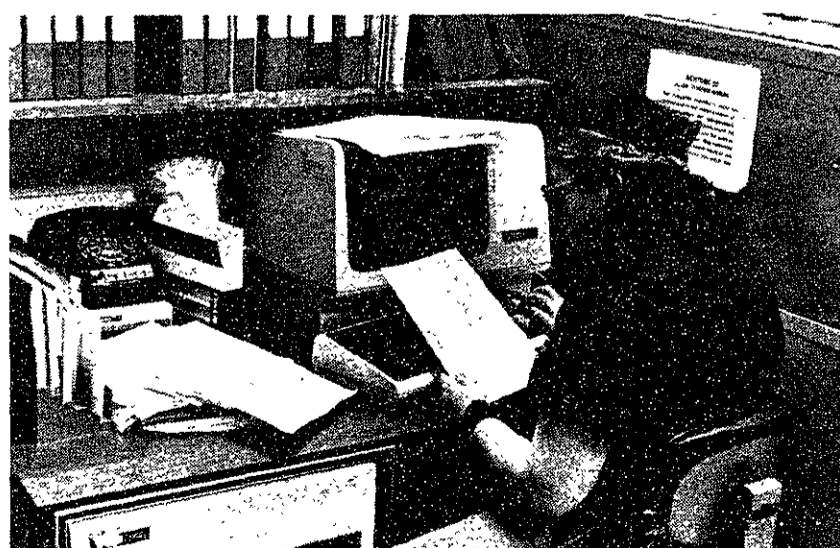
SCEP, which is part of the Undergraduate Association, and another group of students, most of them graduate students, are performing the studies. The latter group, which was formed last month, calls itself the *ad hoc* Committee on the Curriculum.

MIT could move away from professional training, said SCEP Chairman Joyce M. Whang '84, were it easier for a student to delay choosing a major until late in the sophomore year.

Some departments have so many required subjects that a student must begin them as a sophomore, she said.

"Students seem to be more interested in professional education now," she added.

Paquita Zuidema G, one of the two students not in SCEP who attended the meeting, represented the *ad hoc* committee.



Tech photo by Jim Butler

Lecture Series Committee member Ellen Kranzer '83 enters movie poll ballots into LSC's PDP 11/23 computer.

Simplex site an issue in local party election

By Peter R. Vogeli

Elections for the Ward 5 Democratic Committee positions in Cambridge on March 13 could influence the city's position on the development of the MIT-owned Simplex site in Cambridgeport.

The Group 1 slate, which calls itself The Neighborhood Voice, includes three members of the Simplex Steering Committee. It is backed by the committee, which opposes MIT's plans for the development of the Simplex site, claiming the plan does not provide enough low-income housing for Cambridge residents.

The incumbent Group 2 slate supports the Caragianes Petition, which was submitted by James W. Caragianes. The petition allows for less low income housing than the steering committee's proposals do.

Marty Foster, a member of the Group 2 slate and backer of the petition, said most members of the Group 2 slate favor the immediate development of the Simplex site to provide housing, jobs and tax revenues for Cambridge. Members of the slate also want priority for jobs and housing resulting from the development to go to Cambridgeport residents.

Both Foster and William Ca-

vellini, a member of the Group 1 slate and the Simplex Steering Committee, said differences between the two groups were mainly "style." Foster accused the Simplex Steering Committee of "not negotiating in good faith . . . denunciations . . . [and] obstructionism."

Foster added that backers of the Caragianes Petition, however, have negotiated in good faith and presented a workable plan in consultation with MIT and Forest City Enterprises, the developer of the Simplex site.

Cavellini accused the members of the Group 2 slate of being inactive at times, not operating in a "democratic" fashion, and "misrepresentation."

The Ward 5 Democratic Committee is not an official governing body in Cambridge, but, according to Foster and Cavellini, the committee has influence with City Council members and zoning boards.

Cavellini said several members of the Cambridge City Council will wait to decide their positions on the Simplex development until after the elections. Foster views the election as a referendum on the proposed development of Simplex.

(Please turn to page 2)

Few candidates speak at General Assembly

(Continued from page 1)
their ideas for the class government.

The ticket of Kevin R. Foote and Stephen J. Thome is running for the Class of 1987 president and vice president. Foote said a problem is that social life is too living-group oriented, and the team's goals are to raise money with T-shirt sales and to organize class trips and activities.

The team of Steven L. Geiger '87 and Thomas E. Abell '87 is also running for class president and vice president. The pair says it wants to encourage class unity and sell T-shirts to hold class parties.

Presidential candidate Todd C. Malone '87 said he wants to use posters and a class newsletter to "get the whole group involved in some activity," and help communication between the student government and the students.

Grace W. Veng '87, also a candidate for president, said she wants to organize the class ring selection and publish a newsletter.

Bryan Moser '87, a candidate for class vice president, said selling T-shirts and organizing class rings and "beer blasts" is "easy," but he wants to have small block parties first and then have large class parties. "A newsletter is ineffective without personal con-

LSC trades in old computers

(Continued from page 1)

A VAX-11/730, meanwhile, provides 2M bytes of main memory with 70M bytes on three disks, an amount which Huckelbery contends will be sufficient for five years.

The new system will probably arrive early this summer, allowing members of LSC's Computer Committee to install the software, Cardalisco said. Installation is not difficult, he added, as VAX computers offer a "compatibility mode" which can understand PDP-11 programs.

Most of the software is written in BASIC, but the Computer Committee is considering using the language C on the new system. It has not yet decided whether to purchase a VMS or UNIX operating system, both of which are available on VAX models.

LSC also considered upgrading to a MicroVAX I, a smaller version of the VAX-11/730, and to a PDP-11/73, an advanced version of the PDP-11/23.

SCEP meets on academics

(Continued from page 1)
ing a whole lot."

The faculty committee will review soon the results of a CEP/SCEP survey distributed during spring registration, which were completed this week.

The CEP, now primarily concerned with overcrowding in the Department of Electrical Engineering and Computer Science, will present new proposals to the faculty later this term.

tact," he said.

Timothy Jones '87 is running for class treasurer, but said he wants to get involved with the class social council and the ring committee. Jones wants to start a "ring subsidy" to deal with the ring company and to lower the cost of class rings.

Absent from the forum were the following candidates: Peter Tu '84, candidate for secretary; class President Noelle M. Merritt '85 and class Vice President Barry L. McQuain '85, who are seeking reelection; George Allen '85, candidate for social chairperson; class Publicity Chairperson Toi A. Beveridge '86, candidate for treasurer; Alka Jain '86 and D'Juanna White '86, who are running for the two social chairperson spots; vice-presidential candidates Janet C. Desulniers '87 and Thomas R. Hoffman '87; treasurer candidates Paul G. Shepard '87 and Kerry O'Neill '87; publicity-newsletter chairperson candidate Randi L. Rubin '87; and social chairperson candidates David Brown '87 and Kevin Murphy '87.

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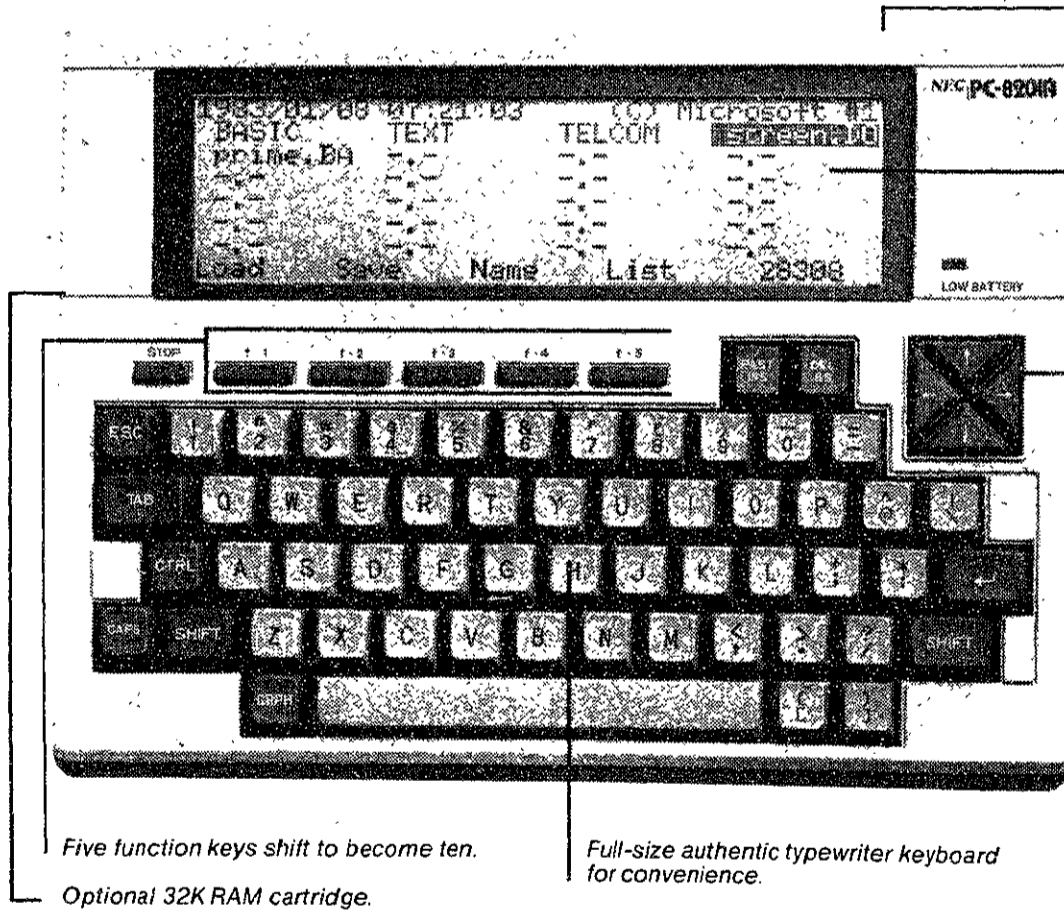
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news roundup

World

Salvador election safety threatened — Residents of 22 towns in Salvador will not vote in the March 25 presidential elections because the military will not guarantee the safety of the voters. The government is assigning army units to protect each town or city where the election will occur. Residents who still wish to vote can cast their ballot in neighboring towns. In the 1982 elections guerrilla combat blocked the election in 28 towns.

Terrorist attack kills three Israelis — Three people were killed and nine wounded in a bomb blast on a bus in Israel. The Revolutionary Council of the Fatah, formerly part of the Palestine Liberation Organization, has claimed responsible for the incident. This is the third major anti-Jewish terrorist attack in three months.

Nation

Hart scores again — Democratic presidential candidate Sen. Gary W. Hart of Colorado scored a sweeping victory over former Vice President Walter F. Mondale in Vermont's preference vote Tuesday. Hart captured 71 percent of the vote, while Mondale received only 20 percent. The Rev. Jesse L. Jackson won 9 percent of the vote. The vote will have no effect on delegate selection. No other Democratic candidates were on the ballot.

School prayer supporters reach compromise — Several groups favoring rival versions of school prayer have joined forces to support a constitutional amendment now being considered by Congress. The amendment would permit vocal prayer, but would prevent federal or state governments from requiring or composing a prayer. Senate majority leader Howard Baker, R-Tenn., drafted the compromise version of the amendment. President Ronald W. Reagan continues to call for approval of the amendment.

Secretary of Education calls for upgraded textbooks — Too many textbooks are aimed at the bottom of the class, said Secretary of Education Terrell H. Bell in a press conference Wednesday. Bell called for a reverse in the "dumbing-down" of classroom materials and the reversal of "the decline of the content of our textbooks" as necessary ingredients in educational reform.

Researchers discover critical immune protein — A thirteen-year search for the "T-cell receptor" protein ended this week when researchers working separately at Stanford and the Ontario Cancer Institute, Canada, announced their successes cloning the genes that make the protein. If scientists learn to control the T-cell receptor genes, they will be able to find ways to shut off the "auto-immune" diseases in which the body attacks itself, Dr. T. W. Mak of the Ontario group said.

Sports

Ueberroth on deck — Peter V. Ueberroth has been elected the sixth commissioner of baseball, after a 16 month search by the 26 club owners to replace Bowie Kuhn. Ueberroth will take office on Oct. 1. The owners also agreed to change the sport's bylaws. The new commissioner will be the chief executive officer of baseball. He will have the power to impose fines of up to \$250,000 on the clubs, up from a previous limit of \$5000. His term has also been reduced to five years; however, re-election requires only a simple majority.

Weather

It's snow picnic — As much as 12 inches of snow is expected as near blizzard conditions continue through the day. The current cold spell will continue with a low of 14 and a high of 24. Saturday will be clear, with temperatures remaining in the low- to mid-twenties.

Scott I. Chase
Diana ben-Aaron

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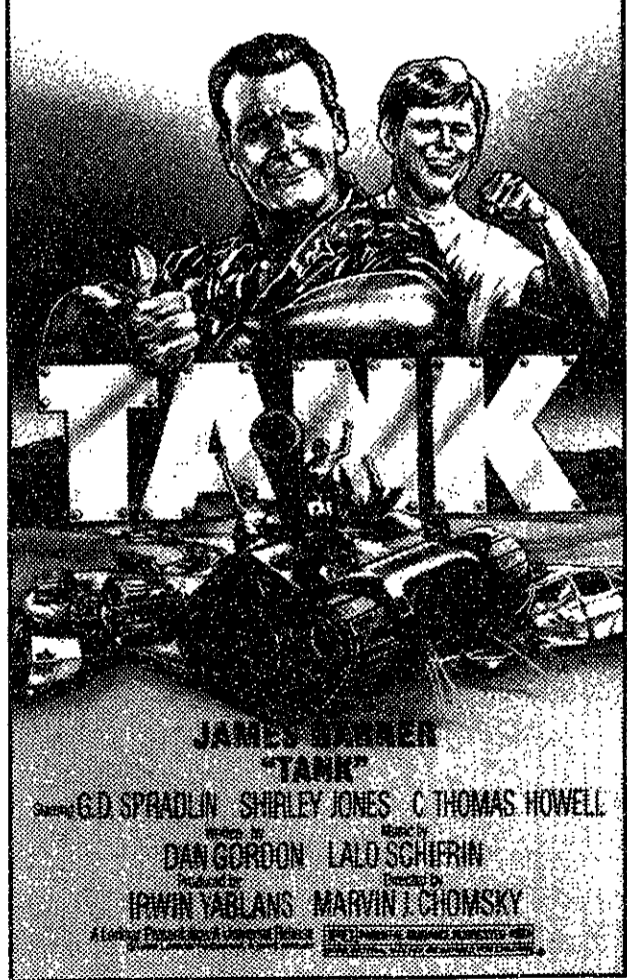
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opinion

Editorials

Make your vote count in student government

The scarcity of candidates running for the office of Undergraduate Association President and Vice President and for the class offices reflects the lack of impact student government has had on undergraduate life.

The lack of attendance at last night's Undergraduate Election forum is not a reflection of student apathy; rather, it is a reflection of the failure of student government to involve its constituents by adequately publicizing the forum.

Although many candidates are running unopposed, students should carefully consider each candidate, and vote only for those they believe capable of performing the duties and obligations of the office. If you feel that a candidate running unopposed is not qualified for the office, vote an abstention.

The obligation of a voter does not end once a vote is cast. It is the responsibility of all undergraduates to be concerned with the performance of their elected leaders throughout the year. The blame for the failure of student government rests to some degree on all students.

The candidates running for office must recognize their obligations to the undergraduate community and encourage increased involvement and support this coming year. Next year's ballot must not be as empty as this year's.

Vote "yes" on useless pornography question

All undergraduates should vote "yes" on Tuesday's Undergraduate Association spring ballot to the "non-binding" question, "Do you feel that motion pictures deemed by the Motion Picture Council as unsuitable for viewing by minors should be permitted to be shown on the MIT campus?"

The referendum states: "The General Assembly, in sponsoring this referendum, shall not act in a manner inconsistent with the results of this question."

There are two major problems with this proposed referendum: its stated purpose, which could lead to censorship of films, and the dubious authority of the General Assembly to implement such censorship.

Restricting the showing of pornographic films would violate the rights of those who wish to exercise their freedom of expression by presenting or viewing the movies. The General Assembly, or any other organization, does not have the power to violate one of our constitutional rights.

The General Assembly has a questionable and limited authority over undergraduate organizations, and no authority over graduate student organizations. How would the General Assembly respond if a graduate activity decided to show a pornographic film? The question is hardly academic, since the Graduate Student Council is currently one of the primary sponsors of the midnight movie series.

The non-binding referendum should never have been placed on the spring ballot, but, now that it has been, students must vote for it. Undergraduates must protect their constitutional right to freedom of expression. If censorship is permitted, it will set a dangerous precedent for the future restriction of our basic rights.



Editorials

Oppose constitutional changes on UA ballot

Outgoing Undergraduate Association President Michael P. Witt '84 has bypassed the General Assembly by placing a binding referendum question on the undergraduate spring ballot. The referendum seeks to implement major changes in the structure of student government.

Witt's tactics in placing this referendum on the ballot clearly violate the established relationship of trust between the Undergraduate Association President and the General Assembly.

The intent of the Undergraduate Association election code is to have ballot questions approved by a one-third vote of the General Assembly, or by petition to the Election Commission by 5 percent of the Undergraduate Association. The election code does not explicitly state that the General Assembly approval or student petition is needed to place a binding referendum on the ballot. Since this approval is required for a non-binding referendum the intent to require the same for a binding referendum is clearly implied.

Witt's exploitation of such an ambiguity is clearly an inappropriate action for the UA President. He should recognize the intent of the law rather than seek to undermine it by working around it. The UA should move to correct this apparent oversight in their constitution.

Regardless of how the referendum was placed on the ballot, the proposals are ill-conceived, and would do more harm than good.

Item one, which proposes a council composed of undergraduate representatives to all Institute student-faculty committees, creates yet another bureaucratic body with ill-defined responsibilities and duties. The idea of gaining feedback from the representatives deserves further study, but the proposed council is not the proper means to achieve this.

Item two, which proposes an Undergraduate Association Council to replace the General Assembly, fails to address the primary problem facing the General Assembly: students perceive it as weak and ineffective in addressing their interests and concerns. Recreating the General Assembly with a new name will not solve this problem.

Item three, which proposes a joint board of the Association of Student Activities and the Graduate Student Council, advocates a new branch of student government which will only further confuse students. An attempt to coordinate the efforts of undergraduate and graduate activities is noble, but, once again, the creation of a new body is not a viable solution.

Students should vote "no" on the ballot question. Passage of the amendments would be detrimental to the interests of both students and student activities.

Vote in next Tuesday's presidential primaries

The Massachusetts presidential primary next week is one of several on "Super Tuesday," and it is probably the most important one so far.

While the Republican primary appears less dramatic than its Democratic counterpart, registered Independents can vote in either party's primary since Massachusetts has open primaries.

If you are not registered to vote in Massachusetts, register for absentee voting in your home state. If it is too late to register for the primaries in your home state, register for the November general election, either in Massachusetts or in your home state.

Members of the MIT community should make their voice heard in the election. Voting is a privilege everyone must exercise.

<h1>The Tech</h1>	
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Columns are usually written by members of *The Tech* staff and represent the opinion of the author, and not necessarily that of the newspaper.

Letters to the Editor are written by members of the MIT community and represent the opinion of the writer.

All submissions should be typed, double spaced, on a 57-character line and bear the authors' signatures. Unsigned letters will not be printed, but authors' names may be withheld upon request. *The Tech* reserves the right to edit or condense all letters.

opinion

Column/Ken Meltsner

Revenge of the Gumby

Undergraduate Association elections are coming once again. They return every spring with the rains and mud. Once again, undergraduates will be subjected to the platforms of smiling and concerned young politicians. Now is the appropriate time to remember what has gone before and to commemorate the valiant actions of student politicians in the last year.

Stupidity is not limited to the students at MIT, and so there will be a few special awards for important contributions of Institute officials to MIT student life. As the sole surviving member of the Conservative Gumby Party, I am uniquely suited to choose both the awards and their winners. Now, without further ado, the envelopes, please.

● The "They Told Me The Country Would Go To Hell If I Voted For McGovern And They Were Right" Award: Mike Witt and Inge Gedo win this one, in a landslide. Witt complained that the Undergraduate Association's main weaknesses were the lack of communication among the General Assembly, students and activities, and its ineffectiveness in dealing with the MIT administration. [The Tech, March 4, 1983.]

After printing only two editions of their newsletter and waiting until The Tech complained about lack of progress in fixing the General Assembly, Witt chose to respond to criticisms by whining in a letter to The Tech and introducing his changes to the UA Constitution too late to have them fairly considered.

● The Niccolò Machiavelli '54 "Ends Justify The Means" Award: The Student Center Committee takes this one for their recent reorganization of the Student Center's fourth floor offices. While none of the moves appear to be unfair, it would have been nice if someone could have asked the Association of Student Activities what they thought of the changes.

● A special "Form Follows Function" Award to I. M. Pei '40 for designing an inside-out bathroom to house, among other things, the Hayden Gallery. The new Arts and Media Technology Center (Building E15) is an amazing eyesore which apparently will have absolutely nothing to do with MIT undergraduates, for which they all should be glad. For the Louvre, Pei designed crystal pyramids; perhaps a bathroom is

appropriate for MIT.

● The "Mush from the Wimp" Award must go to Robert E. Malchman for his ill-conceived headline for an item about a tragic hit-and-run death. Like The Boston Globe, which ran an apology after putting a true, but inappropriate, headline on an editorial about a speech by President Jimmy Carter, he also apologized profusely, although he still wonders what he did wrong.

● Joseph J. Romm wins the "On the Road with Charles Kuralt" Award for his many-part series on life at MIT. Although it started as an attempt to get readers to write nasty letters about him, it has matured into a truly annoying, but humorous look at ourselves.

● A special non-award must go to the unnamed little green man who fixed the water fountain at the eastern end of the Infinite Corridor by removing it. Unfortunately, this sort of thing happens too often to justify a special award.

● Finally, Ken Segel (the other Conservative Gumby) receives the "Selling Out Is Hard To Do" Award for going off to med school and only visiting MIT during our winter break.

That's all the awards for this year. Remember: Letters to The Tech must be in by 5:00 pm two days before the issue comes out.

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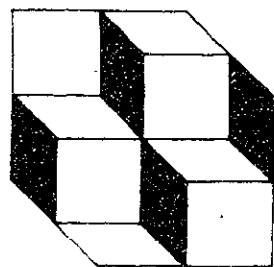
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Doctor Demento and Weird Al sing funny

Dr. Demento and Weird Al Yankovic, Monday, Mar. 5 in Kresge Auditorium.

The hour of the dementoids and demontites finally arrived Monday night, as Dr. Demento and Weird Al Yankovic brought their own peculiar brand of insanity to the Kresge Auditorium stage.

The Lecture Series Committee, sponsor of the event, made an unfortunate choice when it decided to have both the doctor and Weird Al appear together. Dr. Demento was reduced to playing severely chopped tapes of some of his show's perennially favorite songs, doing no justice to the artists and leaving the audience hanging. Thirty seconds of George Carlin's "Ice Box Man" offered the barest glimpse of the piece's hilarity.

Dr. Demento did manage to make use of a medium usually denied him on his weekly radio program: films. The doctor of dementia showed *Bambi Meets Godzilla*



Tech photo by Stephen Brobst

to open the lecture and later a few samples from his collection of videos, including the popular "Fish Heads."

Cutting Dr. Demento short left about an hour-and-a-half for Weird Al Yankovic to poke fun at many of today's popular songs. Weird Al and his accordion began their present climb toward fame a few years ago when he recorded such classics as "Another One Rides the Bus" in the bathroom of his college radio station.

Weird Al Yankovic and His Band recently hit the pop charts with their single "Eat It" (set to the tune of Michael Jackson's "Beat It"):

*It doesn't matter if it's chicken or pie,
It doesn't matter if it's boiled or fried;
Just eat it!*

Yankovic performed that tune and many others, among which were "It's All Billy Joel to Me," described as "a medley of every song ever written in the history of the world," and "Yoda":

*I met him in a swamp
down on Dagobah
Where it bubbles all the time
Like a giant carbonated soda,
S-O-D-A, soda.*

Not to forget Yoda's immortal advice to Luke:

*I know Darth Vader's really got
you annoyed,
But remember, if you kill him you'll
be unemployed.*

Weird Al exited to a well-deserved standing ovation and returned for an encore, treating the audience to "Another One Rides the Bus" the way the song was done originally — with no musical accompaniment other than his accordion, which Al claimed has been named the "rock instrument of the '80's."

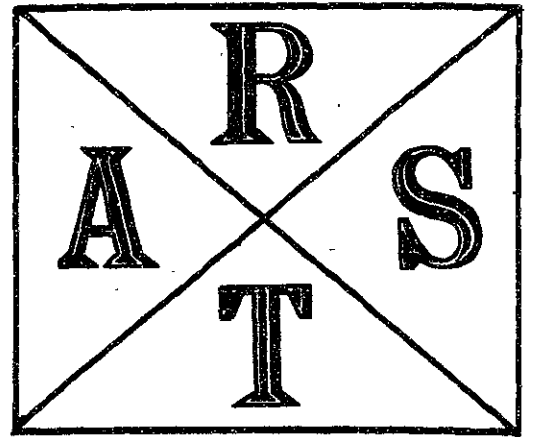
Joining Dr. Demento and Weird Al Yankovic was Tom "T-Bone" Stankis, a New England native and writer of "The Existential Blues." Stankis' performance was enjoyable, but because it came early in the show, his act was soon overshadowed by Weird Al Yankovic and His Band.

Dr. Demento emerged from the shadow for a few minutes when Weird Al and His Band accompanied him in "Shaving Cream," a song whose ever-changing lyrics

were modified once more to include the Charles River.

Dr. Demento's occasional flashes of brilliance served to remind everyone that he is an artist in his own right. He should be given the chance to demonstrate his skill with a performance of his own. He should not be relegated to the role of master of ceremonies.

Martin Dickau



Tech photo by Stephen Brobst

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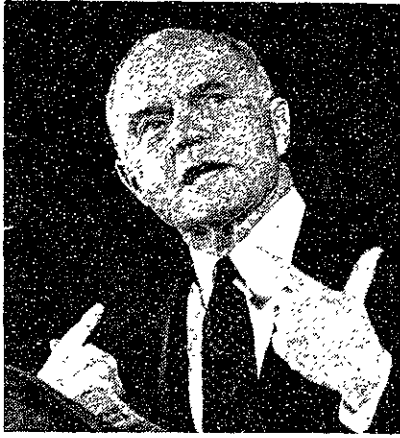
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News Analysis

Analysis of the Democratic candidates



Tech photo by Henry Wu

Glenn

By Robert E. Malchman

John Glenn faces an arduous struggle for the Democratic presidential nomination after dismal finishes in the Iowa and Maine caucuses and the New Hampshire primary. The senior senator from Ohio, once viewed as strong competition for former Vice President Walter F. Mondale, so far has failed to excite the public and the media or to make clear to the public what he has done since his days as a Mercury astronaut.

Without a strong showing in the South next week, Glenn's hopes of preventing a two-man race between Mondale and Sen. Gary W. Hart of Colorado will all but vanish. The withdrawals of Sen. Ernest F. Hollings of South Carolina and former Florida Gov. Reubin O'D. Askew should help Glenn, because he is the most conservative candidate of the five remaining.

Glenn is a fiscal conservative, but he rejects supply-side economics in favor of more traditional economic ideas. He advocates cutting the federal deficit and controlling government spending, and would also reduce the amount of tax cuts.

"I believe Americans would be willing to postpone personal tax cuts and redirect them to encourage savings and investment if this will lower interest rates and spark recovery," Glenn has written.

Glenn supports a freeze in nuclear weapons if it is mutual and verifiable with the Soviet Union. "It is not enough to advocate a freeze," he argues, "if the freeze perpetuates unnecessarily high levels of strategic arms . . .

"The only safe and sensible route to nuclear security is to pursue arms control with mutual, balanced and verifiable limitations, and reductions of the nuclear weapons in ours and the Soviet's arsenals," Glenn continues.

On the issue of education, Glenn says America should consider creating a trust fund to provide workers displaced by the country's changing industrial focus with loans for education and training in new fields. He pledges to ensure that disadvantaged people have the opportunity for a good education, through financial aid and programs to help minorities.

Glenn was a co-sponsor of the 1975 and 1980 Voting Rights Extensions of the Fair Housing Act. He supports the Equal Rights Amendment.

The success of the Glenn campaign will depend on a number of events occurring simultaneously in the South. Mondale and the Rev. Jesse L. Jackson would have to split the black vote. Union voters could not come out in force for Mondale, while businessmen and poor whites would have to support Glenn strongly. The groundswell rising for Hart would have to stop at the Mason-Dixon line if Glenn is to have a chance.

In Massachusetts, Glenn is running a full slate of delegates, as is Mondale. Sen. Paul E. Tsongas has endorsed Glenn.



Tech photo by Steven H. Wheatman

Hart

By Janice M. Eisen

Sen. Gary W. Hart of Colorado has recently moved from obscurity and single-digit support in the polls to the position of challenging Walter Mondale for front-runner status. Hart is now hoping to capitalize on the momentum of his three consecutive wins in New Hampshire, Maine, and Vermont to make up for Mondale's superior organization and carry him to the nomination.

The extent of Hart's support in the South, though, is unclear, and he is not fielding full delegate slates in several states.

Hart bills himself as "the candidate of new ideas," but some have complained that those ideas are vague. Hart has issued a number of position papers and written a book, published in 1983, titled *A New Democracy*, which detailed many of his proposals.

Many of those supporting Hart, however, do not seem to have a clear idea of where he stands. By portraying the choice between Mondale and himself as a choice between the past and the future, he appeals particularly to young, upscale voters.

Hart, who was former Sen. George S. McGovern's campaign manager during the 1972 presidential race, has since separated himself philosophically from McGovern. He has been described as a "neo-liberal" and an "Atari Democrat." His positions on the traditional Democratic social issues are liberal, but he also emphasizes expanding the economy and strengthening the military's conventional forces.

He says the three major issues facing the United States in the coming years are:

- restructuring of the economy to accommodate "the internationalization of our economy and the transition from an industrial to a postindustrial economy."
- achieving "genuine equality" by removing barriers to minorities and women.
- reversing the nuclear arms race.

Though previously a supporter of a weapons build-down, the destruction of two warheads for every new warhead deployed, Hart now says he strongly supports a bilateral, verifiable nuclear freeze. His record on this issue, however, is not clear.

Hart opposes the Reagan administration's Central American policy. He says the enemy is poverty, not communism, and that he would cancel military aid to El Salvador until the death squads are terminated.

The senator also has a strong record on environmental issues. He favors strong action on acid rain and taxation of producers of toxic waste for that production.

As founder of the Congressional Military Reform Caucus, Hart proposes cutting defense spending while improving the readiness of conventional forces by making the armed forces more efficient.

Education should be "our number one domestic priority," Hart says.



Tech photo by Alice Giubellini

Jackson

By Burt S. Kaliski

The Rev. Jesse L. Jackson's campaign, which was launched with the return of Navy Lt. Robert Goodman from Syrian captivity, may have returned to earth with the "Hymie" affair; but the campaign's impact on this country is nonetheless large.

Jackson's "Rainbow '84" coalition has inspired many to join in a common cause for equality — but the same politician suffers from derogatory remarks about Jews unfortunately overheard by a *Washington Post* reporter, who publicized his reference to Jews as "Hymies." Jackson denied having made the remarks for a week before acknowledging the truth of the report.

His third-place finish in Vermont's caucuses Wednesday places further stress on the campaign: Having received less than 10 percent of the vote, he no longer is eligible for federal campaign matching funds.

The Jackson campaign expects support from his home state of South Carolina, and success there is vital to Jackson's future as a candidate. A good showing in other southern states will also be necessary.

The key states of Florida, Georgia and Alabama vote Tuesday. Arkansas, Kentucky, Mississippi and South Carolina hold caucuses next Saturday.

Jackson finished fourth in New Hampshire, but his aides, nonetheless, say Colorado Sen. Gary W. Hart's surprise victory will be helpful to Jackson in the South, since it has destroyed former Vice President Walter F. Mondale's image of invulnerability.

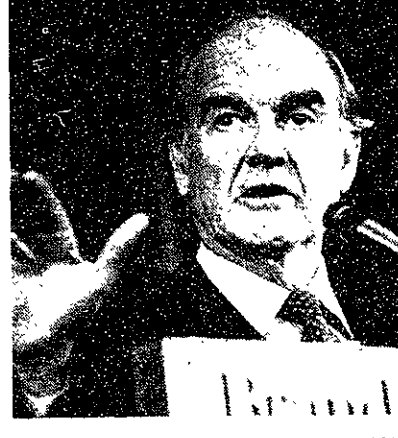
Indeed, Jackson is even trying to turn the "Hymie" affair to his favor. Speaking in Mississippi after the New Hampshire primary, he made an analogy between his campaign and boxer Joe Louis' defeat of Max Schmeling. "What made him great is that he came back the second time," Jackson said. "And so, this is not a 100-yard dash. This is a decathlon base."

Such remarks are characteristic of Jackson's style. The candidate, arguably the most charismatic of the five contenders, has decorated his campaign with poetry: "Our children should put hope in their brains, not dope in their veins."

A victory for Jackson would certainly be a major step toward racial equality in this country. Even his candidacy is a breakthrough, and his promise to choose a woman running mate will likely affect the Democrats' choice to fill the ballot come July.

Perhaps Jackson's most important message, however, is that those now poorly represented in government must have equal say in the future of this country.

Jackson's other contribution to the race for presidency is his diplomacy. Regardless of whether negotiations with Syrian leaders are within his purview, his rescue of Goodman proves that he can speak and resolve problems.



Tech photo by Henry Wu

McGovern

By Ronald W. Norman

The candidacy of George S. McGovern, former Senator from South Dakota, has faltered repeatedly through the caucuses in Iowa and Maine and the primary in New Hampshire. His campaign will end completely if he does not finish strongly in the Massachusetts primary Tuesday, he has said.

McGovern captured the Democratic nomination in 1972, but was trounced by Richard M. Nixon in the election, carrying only Massachusetts. His campaign this year, recognized even by the candidate himself to be an almost hopeless effort, has accomplished his goal of regaining respectability. His dignified performance in candidate forums and the somewhat unusual ideas he has put forth have gained him favorable comment, if not votes.

McGovern's 10-point platform is: freeze nuclear weapons production for two years — then assess the Soviet Union's reaction and act accordingly; halt all US military aid to Central America; remove the US Marines from Lebanon; "put Americans back to work," including a public works for the construction of a new railroad system; "restore the dream of home ownership"; cut tax loop-holes for the rich by endorsing the Bradley-Gephardt Fair Tax Bill, now in Congress; establish a federal program to offer guaranteed low-cost education and job training loans; stop paying farmers not to produce; and return welfare and Medicaid programs to the federal government.

McGovern is the only candidate who proposes reducing the military budget. He is calling for a 20-25 percent cut in the military budget proposed for 1984 by President Ronald W. Reagan. He claims this is the major issue which separates him from the rest of the Democratic candidates. He also wants to cancel production of the MX missile and the B1 bomber.

McGovern represented the "New Democracy" in 1972; today he speaks a somewhat traditional liberal line — supporting federal public works programs and increases in social spending. He does not, however, give strong ideas for the funding of these programs, citing only his support of the Bradley-Gephardt tax bill and large cuts in military spending as the sources of the funds.

McGovern and his supporters emphasize their claim that McGovern is the only clear alternative to the other Democratic candidates and to Reagan. Yet this split has damaged his approval in past votes and is sure to hurt his chances for party support.

McGovern says he expects to win in the Massachusetts primary Tuesday because of his "special relationship" with the state, and he is "positive" he will do no worse than second. He had vowed to drop out of the race if he did not place first or second; however, he has recently qualified that promise, saying he would also continue to campaign if he finished a very close third.



Tech file photo

Mondale

By Thomas T. Huang

Former Vice President Walter F. Mondale's unexpected loss to Sen. Gary W. Hart of Colorado in the New Hampshire primary was less a political defeat than a sign that something was significantly wrong with his campaign strategy.

Mondale admitted that a "front-runner inevitability psychology" seeped into his campaign. He ran against President Ronald W. Reagan rather than against his Democratic opponents.

This allowed Hart to slide into a surprise victory in New Hampshire and use the momentum to defeat Mondale in Maine and Vermont.

"Time and again I took shots [from the other Democratic candidates] and didn't return them," Mondale has said. "And I think the impression was that I was trying to avoid that debate, being too cautious."

Mondale must deal with his public image problems, as well. His AFL-CIO endorsement seems to have done more harm than good, as polls show he is perceived to be in the pocket of "Big Labor." He has been labeled a panderer to many special-interest groups, a candidate who wished to please everybody, but in doing so, sacrificed his own identity.

Hart's victory in New Hampshire woke the Mondale organization from its psychological slumber. Mondale claims he is now ready for a good fight with Hart, that he has changed his strategy.

The change is apparent; for the first time in his campaign, Mondale attacked a Democratic opponent by name. In Maine last week, Mondale questioned Hart's position on arms control.

In his newly proclaimed fight, Mondale has chosen to compare his record with Hart's on major issues.

● In March 1982, Mondale was the first presidential candidate to publicly endorse the nuclear freeze. He accuses Hart of having refused to support the freeze for a year.

● Mondale has questioned Hart's commitment to civil rights. "In terms of intensity and leadership, there's no comparison between the two of us on the issue of civil rights and on many, many issues of social justice," he said in Alabama on Wednesday.

● Mondale opposes an oil import tax Hart proposed. Mondale claims the tax would raise inflation by 1 percent, reduce gross national product by a percent and a half, and cause half a million Americans to lose their jobs.

"Super Tuesday" now becomes the day of judgment for both Mondale and Hart. Mondale must stop this cascade of defeats, because further defeats will make his once well-oiled organization look weaker. Hart must show the support he found in New England is more than just a strange fluke in political history.

opinion

Column/Joseph J. Romm

Get physical in Course VIII

Seventh in a Series

A long time ago in a galaxy strangely similar to our own, a new religion began that was unlike all previous religions: its dogma was not dogmatic.

One of the greatest prophets in this religion had a great revelation: All that is in the Universe remains as it is unless it is acted on by the Force. Later prophets preached that there are actually four Forces, but the greatest of the latter prophets — He of the great equation — was convinced that these four Forces were in fact a single Force.

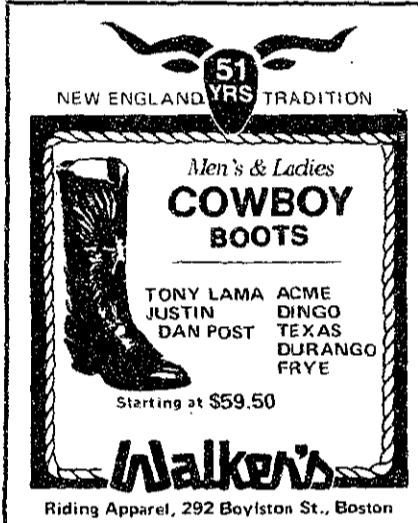
Then came the great war, which unleashed the power of the new religion on the world as no previous war had done. Particularly horrible was the Device that released the Force of the great equation. Since the war, many disciples of this religion have fought to restrain the evil use of the Force, especially the evil use of the Device.

This religion is physics, and we have met the galaxy, and it is ours. Today, virtually all that is taught in science and engineering at MIT is applied physics. You, the reader, will very likely have to decide if you apply physics to build weapons of mass destruction. Although it is exciting and fabulously well-paying work, you must resist the easy path, the path of hatred and destruction, the dark side of the Force.

The time to make your choice is now. The religion has a good side. Even those who would study the teachings of He of the Four Equations (or, as he is more commonly known, He of the t-shirt) would be well-advised to study electromagnetism, quantum mechanics, solid-state physics, and even transistors from a physics point of view. This would give you a perspective utterly different from those of your fellow electrical engineers, and it is from such a perspective that great discoveries are made. More important, having an SB in physics with an emphasis on electronics and solid-state devices would not only make you eminently employable, but it would also give you much greater career flexibility, to allow you to avoid the dark side of the Force.

I got this perspective from "S" a physics major who taught me that physics is not a field of study, it is a way of life, a reliability, to allow you to avoid the dark side of the Force.

(Please turn to page 9)



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sports

Fencing hosts tournament

By Mike Blahnik

The men's fencing team will host the Intercollegiate Fencing Association Championships in duPont Gymnasium this weekend. The top nine finishers in each competition will qualify for the National Championships at Princeton University March 19-21.

"The fencing will be very competitive this weekend since several of the competitors will be vying for spots on the United States Olympic Team," said MIT Coach Eric Sollee.

MIT's Russell Holtz '84 is the defending Intercollegiate Fencing Association champion. Holtz finished 12th in the National Championships last year. Mitch Messer '85 finished fourth in the IFA foil division last year and the Engineers placed third in the team foil competition.

Team Captain Charles Kwon '84 has fenced a strong season in sabre and Alan Williams '85 has fenced competitively in epee.

The Engineers rolled through the 13-team New England Regionals at University of Massachusetts at Amherst on Feb. 25, capturing all three individual championships as well as the team title. The team championship was MIT's 14th New Eng-

land Regional title in its 14 years of competition.

At Amherst, Messer won the foil championship, Kwon claimed the sabre title, and Williams took honors in the epee division. All three were in fence-offs against fencers who had earlier defeated them, but each fencer claimed the finals.

MIT holds an 87-41 record for Sollee's nine years of coaching, and a 197-99 overall record since 1962. The men finished this season at 8-6, including wins over Ivy League foes Dartmouth and Brown.

Also competing for MIT this weekend are John Sheffield '86 in the foil, Matt Scott '85 and Sae Chin Kim '86 in the sabre, and Dan Lord '85 and Rex Kochanski '85 in the epee.

The 12-team field in the meet, which includes teams from all three NCAA divisions, is headed by a strong Columbia team. Other strong teams will be the University of Pennsylvania, which won the team title the past four years and is the defending champion in both epee and sabre. Princeton University is the defending champion in the foil competition.

Other teams competing in the meet will be Brandeis University,

City College of New York, Cornell University, Harvard University, the US Naval Academy, New York University, St. John's University, and Yale University.

Women fence to 1-4 season

The women's fencing team compiled a 12-4 overall record this season. Two of the losses were ties broken on the number of touches. The Engineers finished sixth of 18 teams in the National Collegiate Athletic Association Northeastern Regionals last weekend at New York University.

Captain Vivian Wang '84 finished 12th overall. On Feb. 26, the women placed second of 10 teams in the New England Championships at Holy Cross College, five points behind Wellesley College. Anne Huber '86 won the overall title and Wang took fifth place in the meet.

"The team had a relatively strong season considering how young they are," Coach Sollee said. Wang is the only senior on the team. MIT placed Wang, Huber and Ann Zabludoff '86 on the All-New England Intercollegiate fencing team.

In ten years of competition under the coaching of Sollee, the women's team has compiled an overall record of 102-59.

sports update

MIT diver competes in nationals

Lori Blackwelder '86 will represent MIT March 8-10 at the NCAA Division III Women's Swimming and Diving Championships at Emory College in Atlanta.

Blackwelder will be competing in the one- and three-meter diving events. Last year she finished second in the three-meter event and 11th in the one-meter competition, receiving All-American honors.

This season, Blackwelder set meet and school records, winning both diving events at the New England Division "B" Championship in Lewiston, Maine.

Blackwelder qualified for the NCAA Division I Championships March 15-17 in Indianapolis, Ind. with a score of 437.75 in the three-meter diving at the New Englands. She must win the three-meter title in Atlanta to advance to the Division I meet.

Women gymnasts take sixth in New Englands

Missy Maxfield '85 set a meet record on the balance beam Saturday, highlighting MIT's sixth-

place finish in the New England Division III Women's Gymnastics Championships in duPont Gymnasium.

Salem State College won the meet with 156 points, followed by Connecticut College with 143 points. MIT scored 129.6 points in the eight-team event.

Maxfield won the balance beam with a score of 8.05, breaking the previous meet record of 7.70. Maxfield, the only Engineer to score team points, also tied for fifth in vaulting with an 8.05, and sixth in the floor exercises with a 7.75, to place third in the overall competition.

Judy Cardinale of Salem State won the overall title with 33.35 points, setting a meet record.

Men's tracksters compete at Princeton

Patrice Parris '85 finished fifth, in the 35-pound weight throw at the IC4A Track Championships at Princeton University Saturday.

Parris, who won the NCAA Division III Championship in the weight throw the last two years, recorded a toss of 60'3". His ef-

fort was the second longest in MIT history.

MIT was one of just two Division III teams to score in the meet, which included over 1000 athletes from 78 schools.

Bowling takes second

The MIT Bowling Team placed second in the Association of College Unions International Tournament at the Boston Bowl last weekend. Mark Helder '84 won the singles series title for the second year in a row with a 687 series and a nine-game average of 205. Helder's effort earned him a trip to the Nationals at Reno, Nev. May 10-13.

Mike Blahnik

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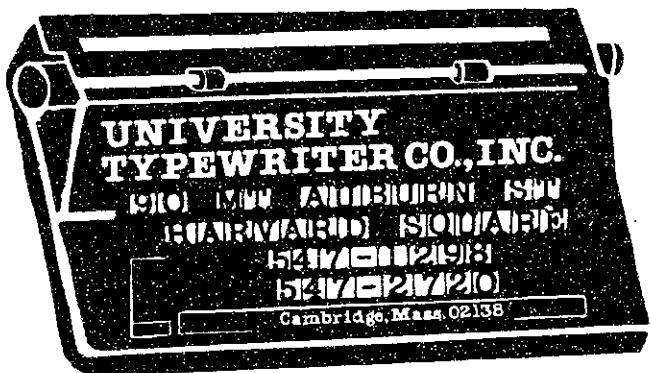
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sports

Wrestling captain splits in NCAA's

By Michael Blahnik

Ken Shull '84, co-captain of the MIT wrestling team, recently competed in the National Collegiate Athletic Association Division III Wrestling Championships at the State University of New York at Binghamton.

Shull, who finished seventh last year in the 134-pound weight class, receiving All-American honors, was seeded third in the NCAA tournament this year. This was his third consecutive appearance.

After winning his first two matches this year, Shull lost his next two and failed to qualify for the finals.

Shull was named the outstanding wrestler at the New England Conference meet in February after winning the third consecutive meet in his class.

During his four-year career, Shull has posted a 77-3 overall record while wrestling in the 134- and 145-pound weight classes,

and has been the Engineers' most valuable wrestler the past three seasons. He was selected to the College Sports Information Directors of American College Division Academic All-American team last season, and is a probable pick for the same honor this year.

"Ken is one of the top wrestlers in MIT history . . .," said Coach Tim Walsh. "He works extremely hard and provides a great deal of leadership. Ken epitomizes the term 'scholar-athlete.' He has maximized his experience at MIT both on the mat and in the classroom," Walsh continued.

MIT finished this season with a 16-3 record, its best year ever. The Engineers finished fifth of 15 teams in the New England Conference and second in the Northern New England meet.



Photo courtesy MIT Sports Information Office
Fencing team captain Charles Kwon '84 (left) and coach Eric Sollee prepare to host the Intercollegiate Fencing Association Championships this weekend. Story, page 11.

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