

Discussions question future of city ills, March 4 aims

By Joe Kashi

The future of the March 4th movement and the impact of technology upon urban problems were brought into focus Saturday as panels sponsored by the Union of Concerned Scientists and SACC explored the possible roles that American scientists might play in re-shaping society.

Prof. Bernard Frieden of the Department of City Planning chaired the discussion on "Applications of Technology to the Urban Environment." In his opening remarks Dr. Frieden stated that the lack of high-level urban technology is not the basic problem; rather, a greater sensitivity to urban problems, coupled with the will to devote a larger proportion of our nation's resources toward solving urban ills is what is needed. We have much of the basic technology that would enable us to begin solving the city's problems, and must now apply it in a more efficient and sensitive manner.

Harm and progress produced
Lewis Mumford, a noted urban planner with many years of experience throughout the nation criticized "half-baked technology" as causing more harm to the city than good. He suggested that the US immediately stop construction of expressways, high-rise apartments, etc., for some time so that we could begin to understand their effect upon the urban environment.

The technology of change is practically unknown, according to Professor Robert Fano, the Director of Project MAC. At present, we don't know how complex systems work, or how we can modify them with any degree of predictability. Dr. Fano also expounded on the ability of computers to gather and store information, extracting knowledge from this plethora.

Fit basic human needs
The basic theme of the entire panel discussion can perhaps best be stated as: How can modern technology be best fitted to basic human needs in the city? Modern technology has caused many problems in addition to those which it has solved. Juegan Schmandt of Harvard explored the wide gap between the potential of modern technology and the problems of the cities.

The future activities of the UCS came under consideration during the last panel of the afternoon: Continuing Activities. Eugene Rabinovitch, a founder of the Bulletin of the Atomic Scientists, presented the case for a peaceful revolution in the structure of American social relations. Dr. Rabinovitch further stated that this revolution must occur if the US is to remain a viable society.

Dr. Francis Low, the chairman of UCS, stated that UCS does have some political action in mind. In the future, UCS will attempt to join with other nation and foreign groups similar to them in belief and tactics. Also, the fundamental problems affecting the arms race and national security and expertise outside of the government will be subjected to intense scrutiny. The ABM fight in Congress may be of great help to groups similar to UCS and SACC, as it will give them a precedent upon which future opposition to unwise military and national projects may be based. However, Professor Steven Weinberg, who chaired this panel, repeatedly stated that the March 4th activities were not primarily political in scope, but educational.

Rush chairmen consider revamped rush schedules

Four proposals for a revamped Rush Week were presented to fraternity rush chairmen by the IFC Executive Committee and two houses at a meeting Sunday night, but little enthusiasm was generated for any schedule of events.

The reorganization of Rush Week, which has been made necessary by the timing of Jewish holidays next fall, has brought with it a number of proposed changes in the structure of Rush Week—such as the possibility of a rushing moratorium, delayed bidding, and visits by freshmen to faculty advisors during Rush Week.

Smith reenters UAP contest

By Greg Bernhardt

The slate of candidates changed once again Saturday as James A. Smith re-entered the race for Undergraduate Association President.

Smith had withdrawn from the running Monday evening, March 3, after the belated re-entrance of Dick Evans as a write-in candidate. Previously Smith had stated that he would not oppose Evans. Smith's name will appear on the ballot because, prior to withdrawing, he had completed the petition requirements.

Posters for a third write-in candidate, Arnold B. Thale, were being distributed widely at the end of the week. Thale is supposedly treasurer of Tangent, the student literary magazine. His name, however, is not listed in the student directory and Student Information knows nothing about him. Nor did the people in the Tangent office either, although his name is on a staff list prepared long before the campaign.

In a press statement, Thale explained that "I frankly admit that I hope to enjoy being UAP. If this makes me a hacker, I am not ashamed. I wouldn't want the post if I didn't think it would be fun."

The campaign itself continued with the candidates speaking at a press conference Saturday afternoon, all candidates and proponents of the proposed constitutions will engage in a debate to be held in Kresge at 2PM. The debate will cover both the UAP election and the constitutions to appear on the referendum.



Photo by Al Goldberg

UAP candidates John Head, Mike Albert, Daniel Wiener, Harold Federow, Steve Loeb, and Dick Evans, offered their views at a press conference conducted by *The Tech*.

In other action, the Inter-Fraternity Council declined to endorse any of the candidates but did offer its approval of the Unified University constitution.

Thursday evening, all candidates except Ed Barsa gave their views at a press conference conducted by *The Tech*. With the exception of Daniel Wiener, who argued that "student government is a lot of bullshit and should be replaced by a monarchy," most candidates focused on what they thought the role of the UAP and student government should be.

John Head emphasized that the role of the UAP was one of supervision and direction. He pledged his support to continue three social weekends and also emphasized that he saw no need for the UAP to step into the affairs of the living groups.

Mike Albert campaigned on his platform which includes support of SACC and the BSU demands, enrichment of the advisory system and the formation of a housing committee to

study the Cambridge housing crisis. Albert stated that he would continue to support traditional activities if students want them, but that he wouldn't be particularly active.

Harold Federow characterized student government as a method by which students can influence policy decisions at MIT. He explained that the first and most important job of the UAP would be to implement the new constitution and make the government viable. He also suggested that the UAP could use his influence to help start corrections of living group problems.

Steve Loeb argued the position that student government should be geared to aiding activities. He suggested that it should provide the necessary equipment for publicity of activities, that it should push for more facilities.

Dick Evans characterized the importance of government in the work of the committees. He called for students to sit in on all faculty committees and stated that students should choose their own representatives.

Alleged FBI plot revealed At U of Michigan campus

By Roger Rapoport and Larry Kirshbaum

ANN ARBOR, Michigan, March 3. (CPS)— On a map of world espionage, Ann Arbor, Michigan, doesn't even rate a pin. Like most college towns, the home of the University of Michigan is shuttered every evening by 9PM—hardly a lure for secret agents accustomed to soirees in Zurich, Berlin, or London.

But this fall, a 21-year-old senior named Leonard Smith, officially employed as a nighttime clerk for the FBI in Detroit, tried to carry out an incredible plan for subverting student activism in Ann Arbor.

His proposed venture was titled "Operation Textbook," spelled out on a two-page Xeroxed document under CIA letterhead. In three phases, "Operation Textbook" called for (1) organizing a conservative student alliance to 'permeate every facet of the student activist life' with covert Agency support; (2) using FBI contacts to keep "New Left organizations and student radical groups in internal disruption from within"; and (3) the actual "interruption, destruction, and intervention in New Left affairs," under "Agency supervision."

To carry out Phase I, Smith tried to lure several old friends into collaboration with promises of free rent and future government jobs. Frightened, one of his confidants exposed the plan to University of Michigan President Robben Fleming, and an embarrassed FBI had to fumble for an explanation: that Smith was "acting on his own."

Smith, of course, resigned from the FBI, but was not prosecuted for impersonating a CIA or FBI agent.

Our investigation shows it is likely that Smith enjoyed the tacit or direct approval of the FBI on the plot. There is no proof that the CIA was really in on the plan, and the "Operation Textbook" document could be a forgery. But it seems incredible that the FBI (an agency which fired a clerk because his girlfriend slept on his couch overnight) was not aware of Smith's activities while in their employ. Even Smith's father, a high-ranking officer with the Detroit Police Department, was aware of the conservative student group and encouraged it.

Len Smith has always been an enigma to his friends. His blond hair and boyish frame create an impression of earnest adolescence, yet in some respects he has achieved a maturity beyond his years. Chris Frizell, an easy-going junior who dated him for more than a year explains, "He liked more sophisticated dates, getting dressed up and going to dinner. After a semester of getting mauled at fraternity parties, Lee was a welcome relief." A journalism major with a C average, he belonged to the Evans Scholar fraternity.

Len Smith's secret passion, however, was espionage. He soaked up James Bond novels, sometimes wore (Please turn to page 3)

Graffiti graces drab walls

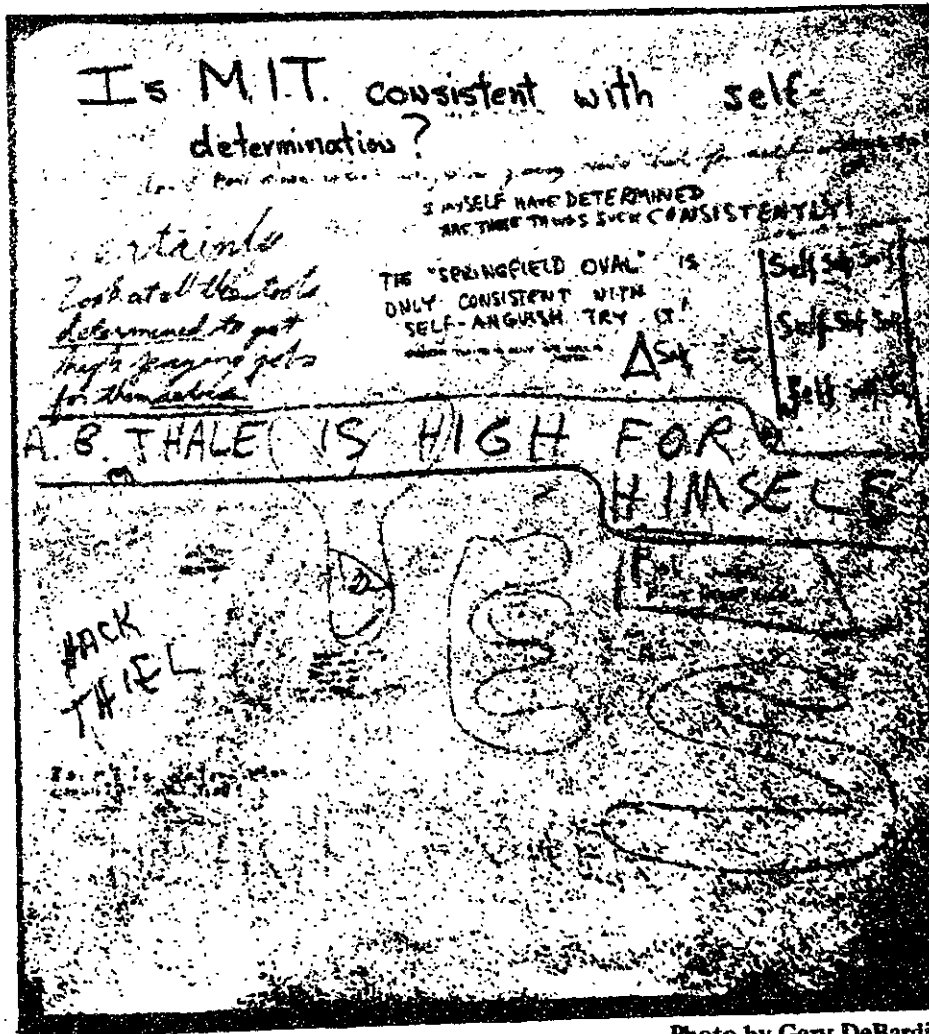


Photo by Gary DeBardi

The new rash of posters are apparently going to stay up, according to the Dean's Office. The last batch were removed because the sponsors had failed to get permission.

Coed housing, parietal proposals accepted

The Corporation has approved two Visiting Committee on Student Affairs proposals concerning parietals and off-campus housing for co-eds.

At their March meeting, the members of the Corporation voted to allow each individual living group to determine its parietal situation. This was in response to many requests from students that they be given control of the establishment of visiting hours for women.

New film on MIT readied, May release date expected

A new film designed to give high school students and other groups an idea of what life at MIT is like is in the final stages of preparation. Ready last week was a preliminary version made by David Espar '67, now a graduate student in filmmaking at Stanford.

Mr. Francis Wylie of the Public Relations Office, which is sponsoring the project, said May 1 is the target date for completion of the film, partly so that it may be shown at Open House May 3. The PR office hopes to attain a wide distribution of the film to high school audiences and reported that the Alumni Association has also shown interest.

The focus of the film is on undergraduate life with special emphasis on activities not related to science and engineering, said Wylie, since interested high school students already know of

Coeds will henceforth be subject to the same housing requirements as male students. This will allow any upperclass girl to move off campus; presently only seniors 21 years old or with parental permission may live out of McCormick.

The Visiting Committee on Student Affairs, when it made its investigations last month, concerned itself with several major issues. Along with parietals and off-campus housing for women,

MIT's scientific reputation. He related that the film would reflect student interest in the humanities, art, and the improvement of society. "It is not going to be a conventional college film," he reported.

Espar began work on the film last August and did the filming on campus last fall. He has since been alternating visits to Cambridge with editorial work on the film at Stanford. His wife has helped with sound work.

Dick Evans, an undergraduate who viewed the preliminary version, said the film's aim is to present an image of MIT as it really is.

the committee members met with students to discuss compulsory commons, the advisory systems, and the housing problem, both on and off campus. Most of the committee's proposals will be presented to the Corporation at the June meeting, when the Corporation will vote not only on the proposals, but also whether to make them public. The Committee unanimously voted to make its recommendations public, but the final decision rests with the Corporation.

Although the Corporation will not hear most of the Committee report until June, because of student interest in the parietals and housing issues, these two proposals were acted upon Thursday.

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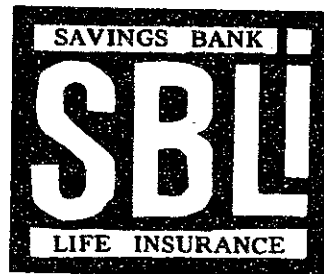
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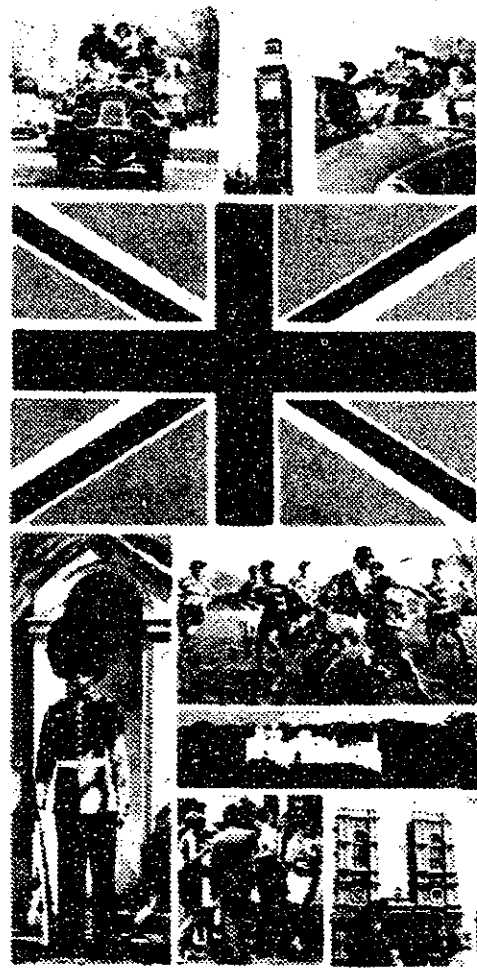
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FBI accused in plot at U of Michigan

(continued from page 1)

sunglasses and an ascot to appear mysterious, dangled cigarettes from his mouth like a B-movie cop. Perhaps the spark had been generated at home. His father is a respected 20-year veteran of the Detroit police force, and vice-president of the Detroit detectives association.

Len was fascinated with the political applications of fighting crime. "When he talked about communism," says Sue Wilder, a close friend, "you could close your eyes and think you were hearing J. Edgar Hoover himself." Last February, Lee became a full-time night-shift clerk in Detroit with the hope of attending special-agent training school after graduation.

The FBI refused to discuss his duties, except to confirm that he was a clerk. The Detroit Director, Paul Stoddard, says, "A clerking experience is like becoming a mason: you learn how to lay the bricks."

Apparently a good apprentice, Len Smith quickly branched out into responsibilities which took him outside the office. He carried an unregistered concealed weapon and an official FBI identification packet that included a government vehicle operator's license.

Smith also had access to the entire Detroit headquarters in the Federal building. Chris Frizell recalls an evening last spring when Len took her there for a royal tour. She saw Director Stoddard's office, the well-stocked gun vault, the card files on radicals, even

the exclusive and unlisted eleventh floor of the building where the communications equipment is kept. In the presence of another agent, Jim Sturgis, Len described an exciting mission earlier that evening when they had stalked a top-ten criminal.

By the end of the summer, Smith landed a big back-to-school assignment, which arrived in an unmarked envelope. Inside a two-page document with CIA letterhead spelled out the three-phase "Operation Textbook" plan; he says that he also received verbal instructions to set up the student alliance. In early August, he began telling close friends that he was now "working for the CIA under the FBI cover."

This admission was not an indiscretion. Len had made a conscious decision to try to build the conservative student alliance from a basis of close friends. The first man he tapped, in fact, was John Bologna, a fellow Detroit. A mild-mannered economics major, Bologna is hardly a political organizer; he enjoys spending his free time relaxing in front of a television set or at Ann Arbor's leading beer hall, the Pretzel Bell. But Len is a persistent and persuasive friend.

After a summer outing in Ann Arbor, he popped the question: would Bologna become acting head of the CSA? The latter, skeptical at first, could hardly afford to pass up the opportunity, even though it meant moving out of the Evans Scholar House

and giving up a full scholarship. Len offered to pay his tuition and to finance an apartment that would share as a base.

"We'll have all the money you want," Len assured his friend, explaining that the subsidies would be funneled through a safe-deposit box at the post office (a few weeks later Len would shell out nearly \$400. . . that they could move into the Woodland Hills apartments, a modern Tudor-type complex south of the campus with drawbridge pathways and an artificial lake).

In the waning summer days, the two partners eagerly commenced work. At Len Smith's modest white-frame house in Detroit, they hammered out a one-page preamble for the Conservative Student Alliance, pledging the organization "in opposition to the radicalism which thrives on and manifests itself in demonstration and disorder."

For the moment, the operation became a family affair: Mrs. Smith battered out the preamble on an old typewriter, and Mr. Smith suggested speakers. He also promised to ask a friend at the Detroit Press Club (columnist Al Blanchard of the Detroit News) to cover the alliance's first meeting. In early August, heartened by the support, John and Len dropped off copies of their preamble at the homes of potential speakers—two conservative state legislators.

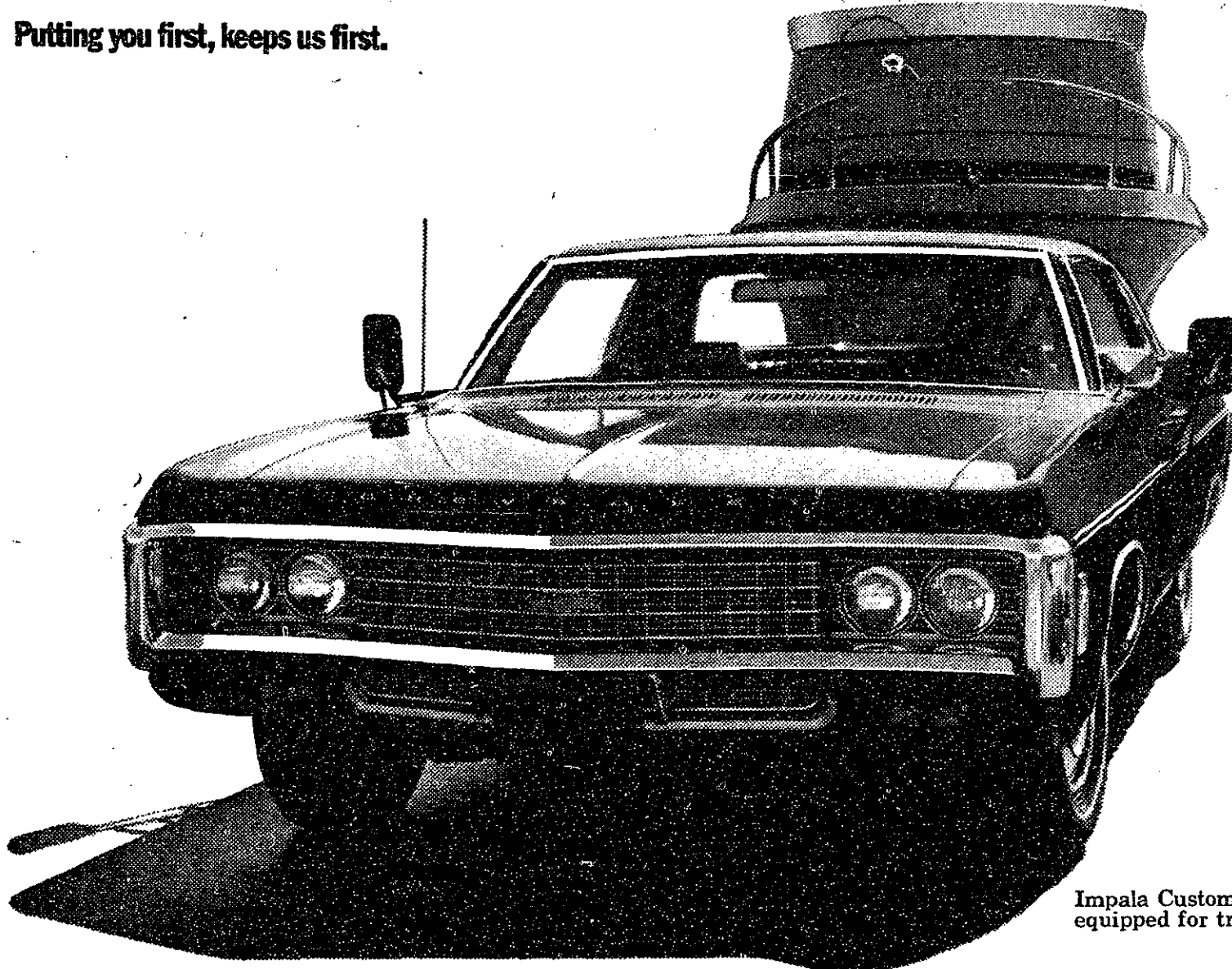
(To be continued in Friday's paper.)

From Sweden A Cannon Production
To Ingrid My Love, Lisa
12:15 2:10
4:05 6:00
7:50 9:45
WEST END CINEMA
OPP. HOTEL MADISON AT NORTH STATION

Announcements.

- * The International Students Council will elect officers Thursday. Those to be elected are: Chairman, Secretary, Editor of the Newspaper, and Chairmen of three committees: International Week, Community Relations, and Orientation Program.
- * The MIT Nautical Association will present Douglas MacGregor speaking on "Tuning Your Boat for Maximum Speed in the Coming Season." The lecture will be held Wednesday, March 19 at 8:30 pm in room 6-120.
- * The MIT Math Club will hold its meeting tomorrow at 8 pm in room 2-390. C.C. Lin will speak on "Star Formation in Spiral Galaxies." Refreshments will be served.
- * WTBS will broadcast a recording of the first March 4 discussion Thursday between 8 and midnight. The station will also broadcast a tape of tomorrow afternoon's UAP /constitution debate at 8 tomorrow night.

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Albert for UAP

The UAP should be a student who is vitally concerned about protecting and furthering the interests of students within the Institute community. He should be interested in the issues that face the Institute and its students. He should stand ready to build a new student government which addresses itself to the issues at hand and inform the student body about decisions which affect them. He must be forceful and determined when he feels that he is in the right. In short, he must be prepared to make student government relevant and potent.

While we differ with him on some issues, we feel that of the candidates currently running, Mike Albert offers the best approximation to a UAP who will fulfill these requirements. Dick Evans, Harold Federow, and Jim Smith are also worthy of consideration for other positions on the preferential ballot.

No one has been more irrepensible than Mike Albert in defending students' interests and addressing himself to issues with which the Institute community should be more concerned. He has aroused opposition, of course. No one can advocate change or question established assumptions without arousing opposition.

Albert has done more than advocate change, however. He has demonstrated the interest and determination to do the sort of research which is a necessity if a proposal for change is to be well-defended. Albert was a leader in the Ad Hoc Committee for Change which examined the possibility of a revised system of Institute requirements. Last summer, he conducted a comprehensive study for the Institute in which he examined its job-training procedures and its relation to the community.

Some might have reservations that Albert might not be able to work within the system. Although his decision to run for UAP might itself serve to suggest that there is indeed a "new Albert," we take his

expressed desire to work within the proposed HAC government (which has also been endorsed by nearly all major UAP candidates and by the IFC) as sufficient evidence that Albert is ready to work within the framework of student government to spark student concern for vital issues.

Some might object that Albert cannot deal with members of the faculty and administration. While he is anathema to some for his political views, many prominent Institute officials who know him as a person and not as a political symbol have considerable regard for his personal concern and drive to bring about change.

Albert recognizes that his political views are at odds with much of the Institute community. He has stated that the appointments he will make, however, will come from a broad spectrum of the student body. He has also stated that he will not act in behalf of the student body in advocating change unless it is clear that the student body as a whole supports the proposal in question. He has said that he would probably hold mass student meetings in order to explain his positions and to discuss the issues with the students.

We support Mike Albert for his demonstrated depth of concern and determination to get student government involved in the crucial issues which he has mentioned in his platform. His desire to appoint committees to examine areas such as the advisory system and the city's housing crisis is certainly commendable. We do wish to dissociate ourselves, however, from his positions of an end to all war-related research and the abolition of all course requirements.

Toward the end of making student government a forum for active student participation in discussing the important issues that concern them, we strongly urge the student body to write in Mike Albert for UAP.

THE TECH

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Letters to The Tech

Maria...ex-UAP

Dear Editor:

Student government is a phenomenon of the past - of the days when students who were interested in management (student politicians) used it as an entrance qualification for graduate school. It is not and never will be 'representative' at MIT. In whatever form it is or whatever it professes to do, it will only attract certain types of people and many students will not pay attention to it.

In trying to 'represent' students it polarizes the Institute by stratifying it into three divisions - students, faculty and administration. No government, not even a 'unified' one, as long as it admits these kinds of differences will regard the university as it really is - a body of people who work together, who would not naturally form these horizontal divisions but instead would form vertical groups of students, faculty and administration brought together by their similar concerns and ideologies. The major problem is not repre-

sentation but *communication* - communication about the Institute, the people in it, what they are doing and their various opinions and feelings. It is difficult and time-consuming work.

It is physically impossible for one person (the UAP) to effectively bring about this communication, let alone do something about all the issues and interests brought to his attention. In an effort to cope with this task, either he gives up everything else in his life and dries up inside as a person, his life being totally involved with external matters leaving neither time nor energy to keep a decent academic load, far less be a full, living human being, or else he becomes frustrated and flames until he loses all his effectiveness or finally he gives up. If he doesn't take it to heart, he can stick it out - just going to meetings, signing checks, listening to gripes - but there is no hope if he cares.

We are fortunate in that we take for granted many of the freedoms that other students in schools across the country are striving for. If you really want to do something it is usually possible to achieve it. The mechanisms could become more open, and accommodate students as a matter of course IN THE STRUCTURE, as an integral part - not as students but as human beings on their own merits, for their abilities. Board and the various activities essentially perpetuate themselves anyway, and any group that is felt to be absolutely necessary will grow of itself. The bureaucracy and institutionalization of students and their interests hampers and stifles their desire to do their 'own thing'.

The referendum has options for 3 different types of government but it does not include the option of no formal student government. I believe this is a realistic alternative and one with the best long-term implications, but it will take maturity and understanding. Instead of electing a UAP the Undergraduate Association could elect a small number of people (perhaps 5) to handle communications in as many ways as possible and evolve the integration of the university community. These people would not be student politicians but would be concerned with notifying students about meetings and committee openings, soliciting student opinion on specific issues, and informing students about what is happening in these meetings and what these various committees are doing.

In order to include this option my friend Charlie Penguin is running as a write-in candidate for UAP. If he wins he will run the election of this small group of people and then abolish student government.

Maria Kivisild

HAC supporter

To the Editor:

Reading over the proposed Constitutions in *The Tech* I have discovered that we (the MIT Student House) have got very poor public relations, to wit, none. In one way or another each proposed Constitution fails to take account of our hybrid status, not a fraternity, not a dorm, but the living group at MIT. Given our status, the 'Assembly' form does not give us a person in the Election rules who we can call our 'own'—i.e., one

who is delegated as responsible to us. The 'Senate' version succeeds closer to the Preamble, in the Membership Article (Article II, By-laws) where again we do not fall in the category of Undergraduate dorm, fraternity, or the Non-Resident Student Association. The HAC proposal is more devious in its machinations, excluding any representative that is responsible to us in some form on the Agenda Committee (Article III, By-laws of the Agenda Committee) whereby, if the Agenda is followed and no procedure is set up for motions from the floor, our representative (at least somebody thought of us) will be unable to represent us effectively. The possibility of entertaining non-agenda items isn't spelled out. However, given the three choices, we will be voting down the line for the HAC proposal, hoping to get our representation in an amended By-law. In addition, the HAC proposal is more representative of the Student Body and spells out the committees, their responsibilities, and who they are accountable to.

David McIlwain, President
Senate supporter

To the Editor:

I am writing to voice my disapproval of your constitutional referendum editorial in *The Tech* of March 4. Your paragraph on the Senate proposal is lacking in objectivity. The "irreparable impotency and irrelevancy of Inscomm," which you mention in your opening sentence is associated with the Senate proposal at the beginning of the paragraph, "No substantive improvement," "constitutionally powerless," are other misleading or false phrases.

To elaborate, while agreeing that for the past year Inscomm has been impotent and irrelevant, I must believe that its personnel were more culpable than its structure. The basic problems were a lack of communication between the students and their government and faculty, and administration recognition

(Please turn to page 5)

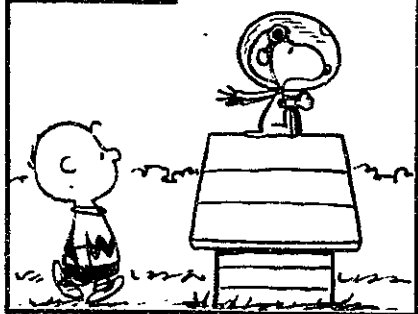
The Tech wishes to announce the election of Ray Kwasnick '71 as Sports Editor of Volume 89.

Footnotes*

32. A friend went to see the igloo in the Great Court for the first time one night last week at midnight. Wandering in slowly in the dark, he was given a cold welcome by the two people already in it.
33. The Institute weather report last week forecast 2-4 inches of snow, with an 80% chance of snow during the night and a 20% chance the next day. Between the evening and the next day that gave a 100% chance for snow. Or maybe it meant that two to four inches was 80% of what we'd get the next day, yielding a forecast of 12½ to 25 inches in all.
34. One of the Institute lawyers upon hearing the salary of an MIT professor commented, "That's not a salary, that's an allowance."
35. Wanting to know how one would try to change the date of the UAP

- election, Peter Kramer called Secretariat Chairman Bruce Enders. The unmincing, uninformative answer was "Cram it up your ass." And then Enders hung up.
36. Baker House residents voting on parietal hours last week were asked to check the option they preferred. Next to the open hours choices, instead of the usual little boxes, were little hearts. The little hearts won.
37. One member of our staff compares a certain UAP candidate to a Twenty Chimneys hamburger: "After all the grease drips off, you can see that all that's left is dog meat."
38. Dean Hammerness, noting the fact that the lobby of building 10 is a war memorial and that political posters are therefore forbidden on the walls, said that if it were a memorial to him, he would allow the posters.

PEANUTS



feature essay

Freshman Pass Fail: First results and evaluation

(Ed. note: This article is based on extensive discussion with teachers, advisors, freshmen, and upperclassmen. Use was also made of limited written feedback.)

By Charles Mann

The first term of the pass fail experiment is over and the first indications of the success and problems of the new grading system are visible. The changes have not been obvious or, at least on the surface, drastic.

No greater number of freshmen failed core courses last term than failed them last year; no more freshmen were put on probation. Instead of grades, the freshmen and their instructors made evaluations, more or less in paragraph form, of each freshman's progress.

Intended to foster an attitude of cooperation and personal contact between student and teacher, the evaluation forms did appear to provide a somewhat more realistic basis for guidance and direction of the freshman's efforts. The freshmen were, in nearly all cases, more thoughtful and painstaking in their evaluations than their professors. As might be expected, the Humanities faculty came closest to matching the students' care in judgement of progress.

This more mature approach to learning is one of the things that pass fail is supposed to do. But if it is to be successful in this respect, two things will be required. First, both students and teachers must do an effective job of evaluating student progress; student and teacher must work together to establish verbal communication. Second, students must appreciate pass fail as freedom and not license.

Verbal dialogue

The verbal dialogue and concern on the part of the teacher for the student as an individual ate, apparently, the things that are going to be most difficult to achieve. Most professors are simply not in the habit of establishing any contact with their students. As long as there was a system of letter grades, the only effort required on the part of the teacher (except,

perhaps, in humanities classes) was the ranking of all the members of the class by some numerical method and the assignment of a grade to each person by the ranking. Personal contact necessary: none.

Now the professor is called upon to state, in some detail, not just how the student is doing compared to the rest of the class, but where he needs to work, in what areas his competence lies, and how effectively he is really learning the material. Obviously, the instructor has the problem of having to deal with a large number of people and has to spread his efforts somewhat thinner than his students. The only possible solution to that dilemma is the reduction of class size, an option that is already a clear trend in the greater part of the educational system.

Interaction important

The interaction between advisors and freshmen is the second important part of the freshman experience that pass fail has influenced. Most of the advisors have positive feelings about the effectiveness of the new system as a realistic means of determining the student's progress and many think that the written evaluations are a positive factor in guiding the freshman's efforts. The duties of the advisor are multiplied by the freedom that pass fail gives.

No longer must the freshmen give equal time to all his academic responsibilities. He has the alternative of concentrating on those which are most worthwhile for him without having to worry very much about the effect on the others. There is, of course, the temptation to just spend the maximum amount of time hacking, and some freshmen (but, apparently, no huge portion) have chosen to do so. The advisor should help to guide the freshmen in making decisions about the allocation of the time available between different classes, living group activities, extracurricular pursuits, and time spent doing nothing.

The same problem of time and effort spent in establishing a personal relationship crops up again here. It is

technically only necessary to see one's advisor only a few times each year (to have a program approved, etc.) and this is certainly not enough time for the advisor to get to know the freshmen assigned him well enough to be of any real help as a guide.

If all the potentialities of pass fail are to be realized, the advisors must go considerably beyond the formal relationship that now is the usual case. It has been suggested that freshmen should have as their advisor their instructor in one of the core courses, as a method of establishing a relationship that crosses over the boundaries between academics, advisors, counselors, and, hopefully, friends. Since not every freshman is responsible or even knowledgeable enough to make all the right decisions and pass fail does substantially increase the number of alternatives available, the position of the advisor is made even more delicate than before.

Adjustment of maladjustment

The advisor has, as a primary duty, the job of making sure that the freshman can make a suitable "adjustment" to MIT. Pass fail, in this respect, is of considerable aid. In the exposition of objectives of the pass fail experiment, it was noted that it seemed that there could not be grades without having the students become excessively concerned about them, and that the only way (or, at least, the most practical way) of eliminating the problems that concern over grades causes would be to eliminate the grades.

Well, grades have been eliminated, and no longer does the freshman have any exact way of ranking himself in competition with his fellow classmates. No longer can he feel he must work as hard as he can for as long as he can in order to earn an A. No longer can the A student in high school be discouraged by receiving a C at MIT. On the other hand, no longer is there the pressure which makes a student stop playing cards and pick up his physics book.

Okay, so the pressure (at least, the external pressure) of grades is gone.

The interesting thing is the seeming lack of response to that freedom. No greater number of freshmen are involved in extracurricular activities, though it is impossible to say if those who are have done more in their respective areas. What about selective attendance at classes? Both MIT and Caltech have had poor first year chemistry courses. When Caltech started pass fail, freshmen stopped going to chemistry. The course literally fell to pieces. Caltech now has an entirely new first year chemistry program. There was no significant decrease last term in the number of people who attended 5.01 or the effort they expended.

Another of the objectives that was slated for the experiment is the lessening of the demands that core subjects make, so that the freshman year could be used to explore various fields and broaden the backgrounds of the freshmen. The number of units that freshmen carried last term was, as expected, up from last year. This is one

opportunity that the freshman class has taken advantage of.

In addition to the extra time for electives (even though a low ceiling was set on the maximum load), the lack of pressure gives the freshman a chance to look at his courses as interesting material to be learned, rather than a battle to be fought.

Of course, not everyone is entirely happy with pass fail. Some advisors feel that their students are not working as hard as they would under the grading system, and that this is a definite disadvantage. Some students (a very few per cent) feel that they cannot work effectively without the pressure of being graded.

Of all the factors which work against the success of pass fail, the most frustrating is the effect of the attitude of upperclassmen, who tell the freshmen (and their advice is often followed) to "tool hard" and forget about pass fail. After all, the Institute is out to screw them, isn't it?

Letters to The Tech

(continued from page 4)

of the resulting separation of Institute committee from the Undergraduate Association. The Senate proposal solves these problems, thus making a substantial improvement in student government.

The problem of communication is attacked in two ways. First, the Undergraduate Forum. Here the student has the opportunity to make his government more relevant. The forum serves the undergraduate student as an assurance that his government knows his wishes and will act on his request. The forum's power to introduce original legislation is certainly enough to make your noble attempt at labeling it constitutionally powerless at failure. Second, living group representatives to the Senate are not required to be the presidents of their living groups. This change from the previous constitution is designed to allow Senate members to be primarily representatives to the undergraduate government - not busy executives of other organizations, to whom Institute-wide government takes second place.

When the administration and faculty see that the new undergraduate government is significantly more responsive to the student body than InsComm was, they will change student-faculty relationships. Student government representatives will replace individual students working within the faculty and administration only when the government proves itself to be relevant. It cannot be done just by writing a constitution.

In closing I would like to compare Senate vs. Assembly vs. HAC. (1) Size.

Being a smaller body the Senate is much more efficient and is easier to work with. Freshman and Sophomore councils offer examples of the inefficiency of larger bodies. HAC's General Assembly can conduct business with a quorum of 1/4. Why is the figure so low? Don't the authors expect that the representatives will be more interested? Are they haunted by the spectre of meeting adjourned - lack of quorum? (2). Representation. In the Senate proposal any student who acts will be sure that his proposal will be brought before the government. His ideas and those of other interested students will be presented to the Senate. HAC and Assembly offer no such guarantee to the individual. (3). Students on faculty committees. There is no reason to assume that the Senate or Assembly would not set up a nominations committee such as that described in HAC if they felt that it would receive the necessary student faculty and administration support. The decision to do so should rest with the elected government, not with the authors of the constitution. (4). Class government. HAC has no provision for class government. Who will run Junior Prom? Who will organize participation in Field Day? (5). Participation. The Undergraduate Forum in the Senate Proposal is the only way for an interested student to become involved in his government without being either appointed or elected.

In view of the above comparisons I can only urge you readers to join me in voting for the Senate proposal on the 13th.

Kevin R. O'Brien '71

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Tech Show: some funny lines, but—

By Robert Fourer

"To ascribe much social significance to the play would be an error. At first we set about to satirize certain general directions in which society seems to be moving, but soon realized that no satirization could do justice to what is already here." Tech Show's entertaining program notes sound like a clever introduction to an admittedly unclerical term paper—one that consumed the whole term in lazily collecting good ideas, and then had to be turned into typewritten words in a last-minute rush. Somehow, in the end the ideas aren't so important, if only they can generate a product of the required length. So it is with *Euphoria*, which was still unwritten when the director (Mike Merritt) took the job, which wasn't in its final form till sometime last week, and which still shows traces of the good satire that just got lost in the process.

Euphoria, to elaborate, is a place where everyone has to be happy, and violators are punished by death (some vague resemblance to the Institute). Onto the scene come a young couple who want to get married; and so they are, immediately, to two other compu-

ter-selected "perfect" matches (are social conventions here much more effective?). Unable to adjust, they run afoul of the Happiness Squad (administration? Campus Patrol?), a carefree bunch of police under orders from the great leader, who prides himself for solving all of the place's problems by totally eliminating their causes.

Not enough satire

All these mocks are in the script, to varying degrees, and all look promising. But there just wasn't time to carry them through, and the writers had to fall back on standard one-liners and sight gags. Admittedly, a lot of them are funny—they're just not very impressive. By far the wittiest are the several scenes showing activities of a radical organization, Students for a Dismal Society (no elucidation needed); the mockery of over-zealous campus revolutionaries is funny and on the mark. There just isn't enough of it.

Of course, Tech Show isn't only a play, it's a musical; so something should be said about the music. Something like: why do most of the songs sound like traditional show tunes, when that's the last sort of music Tech students would want to hear? Again, probably

lack of time. That would also explain the lyrics, which were generally uninteresting, unfunny, and unessential to most of the action. (The acoustics of Kresge didn't help either.) The singing was not especially good, but then, no one expected it to be.

Acting fine

The acting, on the other hand, was fine—the cast made as much of weak material as it could. And when the jokes were good, they seemed to know it. Major roles were played by Diana Rubin, Bruce Schwartz, Danny Gordon, Sully Bonn, Mark Lavin, Weezie Woodruff, Mort Jonas, Audrey Zavell, and Ed Devoss; and director Merritt should again be mentioned.

Not unexpectedly, there were various uncertainties and technical problems; but they're hardly worth mentioning, since most should be ironed out by this weekend's performances. (This applies especially to dance numbers, which were well-planned but needed practice.) In fact, if the whole show could be thrown together as fast as it was, the intervening week could provide any number of changes—not to mention ad-libs; judging from an earlier script, they're likely to be for the better. In any event, *Euphoria* is far from a total bore, a lot of the lines are funny, admission price is pretty low, and if you're happy anyhow...

music...

Andre Watts performs an unusual all-Liszt program

By Steven Shladover

Very few people in their early twenties have received as much international acclaim as the American pianist, Andre Watts. Wednesday night he made his first Boston-area recital appearance and proved to the audience why he is regarded as one of the most promising pianists of his generation. The concert was presented in Sanders Theatre at Harvard and tickets were free to the public, the sponsor being the Peabody-Mason Music Foundation.

All-Liszt program

Mr. Watts presented a very unusual program consisting entirely of works by Franz Liszt. This was a special treat, because Liszt is Mr. Watts' favorite composer, and he is already one of the finest interpreters of Liszt's music to come before the public. He warmed up on three brief Liszt miniatures, two nocturnes, and the atypically-reserved Third Hungarian Rhapsody. The remainder of the program was unabashedly heavyweight.

B-minor sonata

The majority of the first half was devoted to the monumental Sonata in B minor, a work which has terrorized pianists for over a century. It confronts the performer with extremely difficult technical and musical problems, and the performer who manages to keep his audience interested through the entire work has made a considerable accomplishment. The major musical trap for the pianist is the close juxtaposition of violently-contrasting passages. The repeated and sudden transitions between highly virtuosic and subdued and reflective parts can not well be made convincing.

Mr. Watts set out to conquer the Sonata before it conquered him, and he succeeded quite admirably. He tore into the work at a remarkably fast pace which many pianists might like to use, but which few would dare attempt. Although he hit his share of wrong notes near the beginning, he soon settled down and kept the audience interested with a passionate, and almost violent, performance. The unusually rapid tempo allowed him to get through the more meandering and repetitive parts of the work sooner, at the same time as it made the more virtuosic parts electrifying. This performance captured the sweep and fire of romantic piano playing at its best, a

commodity which is in all-too-short supply at the present. The near-abandon with which he approached the Sonata led to an unusual, but very effective, interpretation.

Faust Symphony

The second half of the program was devoted to piano transcriptions of the second and third movements, entitled "Gretchen" and "Mephistopheles", of Liszt's "Faust Symphony". These contained some effective writing for the piano, but were not really of sufficient musical interest to warrant half of the recital program. Mr. Watts, as expected, did a very creditable job on these pieces, and was technically beyond reproach.

There was a single encore, Liszt's "La Campanella", a piano fantasy based on a Paganini violin work. This played a very important role in the recital, bringing the rest into focus. It was a brilliant tour-de-force which lifted the audience out of its seats to a standing ovation at the end. The sparkling piano tone and more light-hearted mood of this piece were unfortunately lacking in the rest of the recital. This was largely a result of the works Mr. Watts chose to play.

Lack of variety

They were mostly lengthy and serious, requiring a heavy, sombre tone production. This led to a certain lack of variety in the piano sound, and resulted in some doubt as to the pianist's ability to produce a varied tonal color. With tone color being de-emphasized, Mr. Watts maintained interest by varying the rhythms and dynamics and making expert and adroit use of the damper pedal. The bass tones were slightly percussive, though, and lacked a warm, fully-rounded sound. Although this could have been the fault of the performer or the acoustics of the hall, it was most likely a deficiency of the piano.

Despite Mr. Watts generally excellent performance, the recital would have benefited from more varied programming. The idea of an all-Liszt recital is fine, but the heavier works should have been mixed with more light-weight ones, such as the various Hungarian Rhapsodies, Etudes, or sets of variations.

Small attendance

Although this concert was presented to the public free of charge by the Peabody-Mason Music Foundation, Sanders Theatre was far from full. Tickets for all events in the outstanding series presented by the foundation are available one month before the performance dates by mail order only. Future events this season include Joao Carlos Martins, pianist, and the Saar Chamber Orchestra.

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rock...

Creedence able to rock AND roll

By Arnie Thale

One of the few rock bands that has mastered the concepts implied in the name "rock 'n' roll" is Creedence Clearwater Revival. Like the (Young) Rascals, they know about easy rolling as well as gut-busting. Their two Fantasy LP's, *Creedence Clearwater Revival* and *Bayou Country*, are high-quality representations of their abilities.

Right now their single of "Proud Mary" is making it, and deservedly so. If this is what riverboat life is like, count me in. "Rollin' on the river" couldn't sound more attractive than the way John Fogerty and his group describe it.

Fogerty is the man. His gutsy singing and lead guitar runs are smoother than a shot of Louisiana brandy on "Proud Mary," screaming and choking on "I Put a Spell on You," and just plain appropriate wherever he goes musically. He just about is the band—he writes all their original material, produced their second album, and is even more of a directive force within Creedence than, say, Pete Townshend is within the Who. Brother Tom Fogerty (rhythm guitar), Stu Cook (bass), and Doug Clifford (drums) are valuable and original sidemen, but there is no escaping Fogerty's influence (not that you'd ever want to) in any of the group's music.

That first album had the singles "I Put a Spell on You" and "Suzie Q," which was cut almost brutally from the 8:34 album version—two Screaming Jay Hawkins songs that form part of the blues tradition to which Creedence pays obnoxious homage. "The Working Man," "Ninety Nine and a Half (Won't Do)," "Gloomy," and all the rest are rock 'n' roll versions of blues songs (even the originals sound that way)—most of them good, some breathtaking. All the way through, Fogerty's singing and guitar work are first-rate. The screaming style he uses on "Ninety Nine and a Half" is perfect—Fogerty does credit to the old Wilson Pickett standard. "I Put a Spell on You" is a

little monotonous, with a little too much chording, and not enough single note line playing, but the modest ambitions here are carried out well just the same.

"Suzie Q" is where it all happens. The Stones gave us an exciting two minutes' worth of this song on 12x5, which Creedence puts to shame, incredibly enough. Clifford's pounding drums fade in gradually to open things, which the others pick up on smoothly with excellent timing and grace. Fogerty's voice is beautiful, although the verb on one verse is perhaps an excess, and he really gets it on with some searing lead runs on what sounds like a Les Paul Gibson model guitar miked through a wah-wah box whose pedal is not used. The single ends before the group has a chance to bring the pitch back down, but the album version goes on, softening slowly with gradually less and less emphatic lead runs from Fogerty until he signs off with a tiny little feedback riff. The rhythm and bass drop away, and the familiar drums are back with us again. Actually, they never left, and after they fade out the silence is staggering.

Big Brother didn't even come close in "All Is Loneliness." It is impossible to anticipate this closing impact even after having heard the track many times.

Bayou Country has Fogerty singing even better and the band even more driving than on most of the previous album, although "Suzie Q" must stand as a song apart. "Born on the Bayou" has all the touches of down home. Creedence may come from San Francisco, but its soul is unmistakably in New Orleans.

"Keep On Chooglin'" is the first cousin of Canned Heat's "Boogie" series. After and while hearing this song you want to choogle all night long. Never mind what chooglin' is. It doesn't matter. Whatever it is, it's irresistible. "Keep On Chooglin'" is foot-stompin' music, the kind rock ballrooms could use a lot more of.

Creedence Clearwater Revival has enough honesty to guarantee enjoyment. If they get a little way out of their delta blues background, they'll be around for a while. At any rate, their collective heart, at least right now, is in the right place.

Making the Scene

The MIT Educational Studies Program will present a film of Leroi Jones' *Dutchman* in 26-100 at 1:30PM Saturday. Admission is free to the general public.

Plans are solidifying for the Newport Folk and Jazz Festivals. The July 16-20 Folk Festival will feature a Children's Day, the usual workshops, and programs of gospel singing, the creations of younger artists, and the "Story of Bluegrass. Further information is available from: Newport Folk Festival, Newport, Rhode Island 02840.

The attractions at the Jazz Festival include several British rock groups—Led Zeppelin, Ten Years After, Jeff

Beck, and Jethro Tull have been booked. Jeff Beck, Led Zeppelin's Jimmy Page, and Ten Years After's Alvin Lee are three of the better rock guitarists around. The actual physical speed of Beck and Lee are infrequently matched by other rock artists.

Chloe Owen, soprano, will appear as Queen of the Night when the Division of Music at BU presents Mozart's "The Magic Flute" at Theater, 264 Huntington Avenue, at 8:30 PM March 19, 20, and 22. Admission is free to the general public.

Rumor has it that the Jefferson Airplane will return to Boston soon.



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Six Tech records fall as swimmers capture seventh

(continued from page 8)

who never dove in competition before coming to MIT, performed well enough for a surprising fourth place result. Another fourth place was taken by engineers Luis Clare '69, Dilley Graham, and Bill Stage '69 in an excellent run of the 400 yard relay.

Their time of 3:22.9 was close to the record of 3:20.9.

Incidentally, in the one freshmen event of the meet, the team of Ed Hadley, Tom Sanders, Don Nadler, and Ed Rich took third in the 400 relay, in what else but a new freshmen record time of 3:26.5.

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Gymnasts show their mettle; second in New Englands

By Ray Kwasnick

The gymnastics squad finished off its campaign with an excellent second place showing in the New Englands. The engineers' 107.30 points were second only to Southern Connecticut State College's 130.90. The University of New Hampshire placed third with a total of 101.05.

Dick Hood '70 started off the good showing with a third place in the all around category. The all around is similar to the decathlon in track. The athlete must display his talents in all the areas of gymnastic competition. He is graded as in all the events by a number of judges with a rating of 10 as maximum.

Hood received his best count of the medley with an 8.27 in the long horse. His total of 35.97 placed him behind two Southern Connecticut men, Antone Captao with a 43.22 and Frank D'amico with a 40.95.

Hood brought in points in several other events as well. He was given a 6.30 and fourth place in the horizontal bar. In the long horse competition his

8.27 brought in a third. He also scored at least a tenth in each of the other events.

Mike Devorkin '69, who will be participating in the nationals in California next week, boosted Tech's total as he captured a second in the side horse. Devorkin narrowly missed the top spot as his 8.4 was only .05 off of the winning score. Ken Gerber '71 turned in a seventh-place finish in the event.

Tom Hafer '70 brought home a bundle of points with a second and a fourth. Hafer's 7.55 was topped by the seemingly all pervasive Captao's 7.7 in the parallel bars. John Schaeffer '71 placed fifth.

Hafer was ranked fourth in the rings with a 7.55. Captao as usual took the first spot. Gerber added to the engineer total with a 6.2.

Horatio Daub '70 was the only other Tech man to add significantly to the final count. He scored two nines. One was a 5.00 in the floor exercises while the other was a 7.67 in the long horse.

Grapplers fourth in tourney

By Bob Simonton

The varsity wrestling squad participated in the New Englands at WPI last Thursday and Friday night and Saturday during the day. The team as a



The MIT wrestling team: Standing (l. to r.) Coach Will Chassey, Gary Pullar, Ken Cameron, Fred Andree, Walt Price, B J Davies, Rick Willoughby, Manager Andy Fillat. Kneeling (l. to r.) Ted Mita, Joe Baron, Jack Maxham, Norm Hawkins, Mike Sherrard, Gregg Erickson.

whole placed a fourth, somewhat lower than was expected in the light of their season mark of 14-2. Springfield, a physical education school, took first in the tournament, as was expected, and did it with a point advantage of almost

twice what the second place team tallied.

MIT entered the tournament at less than full strength; Jack Maxham '69 received a cracked collarbone in the match against UMass, so MIT had no entree at 145 lbs. B.J. Davies '71 who had a 10-1 season record before he was forced to quit the season because of a bad knee injury sustained earlier in the year also had great promise of placing high in the tournament.

All told, the Tech machine was able to tally one second, one third, and two fourths from their entrees. Gregg Erickson '69 (123) was the holder of the third place championship after pinning his first opponent, beating his second, fourth, and fifth opponents on decisions 7-0, 8-0, and 8-1, consecutively. He lost to his third opponent by 5-3.

Norm Hawkins '69 (152) took the fourth place championship at his weight by pinning his first opponent, winning his second and fourth matches on decisions, but losing his third and fifth on decisions. These are repeat performances for Hawkins and Erickson who were both New Englands champions last year.

Joe Baron '70 (115) brought more needed points to the engineer grapplers by also capturing a fourth place championship. He wrestled five matches, total, and won three of the five to place as he did.

The long second place was won by Fred Andree '70, the heavyweight wrestler. He got to the finals without much problem, and in those finals there appeared one of those not-so-rare sports animals, an upset. Andree was controlling the match most of the time, but when it was all over, Sneider (a wrestler of unbelievable proportions) of WPI was the two point victor. This also considerably upset Tech's appeal.

IM sports

Favorites advance in hockey

By George Novosielski

Favorites won as expected in the quarterfinal round of the IM hockey play-offs. Top-seeded Chi Phi edged ZBT 3-2 as Frank Bender '70, Jim Kirtley and John Yasaitis each scored a single marker. The game was not as close as the final score indicated as Chi Phi controlled the puck through most of the game.

The tournament favorite, tenth-seeded NRSA (the low seeding resulted from NRSA playing in the B league during the regular season), stopped the number two seed LCA 3-1. NRSA's crisp passing proved too much for the Lambda Chis, and only a good effort on the part of the LCA goalie kept the score down. Randy Martin got the hat trick for the winners.

Third-seeded Senior House toppled SPE 3-1 behind a two-goal effort by Dale Larson '69 and a singleton by Bob Berliner '70. Theta Chi, the fourth seed, dropped fifth-seeded SAE 6-2. Kal Laanemets '69 with four goals and Bruce Glabe with the other two led the Theta Chis to their victory. NRSA meets Senior House and Chi Phi faces Theta Chi in the semi-finals.

The losers of the quarterfinals dropped down to the consolation bracket where they found the going almost as rough as two won and two lost. LCA came back to shutout SAM 5-0 behind a hat trick by Mike Oliver. SAE also bounced back to eliminate DU 3-1. Dick Sidell tallied the first two goals for SAE and the winners generally outskated the inexperienced DU team.

Kappa Sigma outplayed and outscored ZBT 5-2 to advance to the next round. Wendell Brown and Mike Perry '69 each had a pair of goals for the Kappa Sigs. Burton blanked SPE 3-0 in a mild upset. Dick Heldt and Jeff McGuire '72 found the nets early in the first period and Charles Bures '69 added another late in the third period to account for Burton's output. Kappa Sigma skates against SAE and Burton tests LCA in the next consolation round.

Volleyball

A rundown of division 1 volleyball action finds the defending champs, Persians, handily beating their first two opponents. SAE fell 16-14, 15-6 and Club Latino was the second victim 15-3, 15-5. Burton 2A also beat Club Latino 15-9, 15-9 in the only other league 1A match.

In league 1B SPE overcame SAM 15-12, 15-10, but was in turn beaten by TDC 15-11, 15-10 and TEP 15-10, 15-7. TDC won its second straight by tipping Sigma Chi 15-13, 15-13.

Ashdown split a pair of games in league 1C: thumping PGD 15-0, 15-3 and the losing to PSK 15-1, 15-12. PBE won its opener easily, 15-0, 15-13 over DU. League 1D saw DTD trip PDT 15-8, 15-8 and LCA triumph over ATO 15-9, 15-10.

After two weeks of competition Bexley A leads the IM bowling league with a total of 3392 points.

How They Did

Wrestling

Fourth in New Englands

Gymnastics

Second in New Englands

Indoor Track

Bottom of IC-4As

Swimming

Seventh in New Englands

Rifle

MIT beat Harvard and Wentworth

Villanova captures IC-4A's; competition out-classes Tech

By Don Arkin

MIT was one of 62 schools entered in this year's IC4A's held in Madison Square Garden, and that was exactly how they finished. The stiff competition which included four Olympians from Villanova alone was too much for Tech's three man contingent of Ben Wilson '70, Larry Kelly '70, and Kirk Wings '71.

As expected, Villanova took first, making three years in a row for Villanova. Harvard took third on the strength of two firsts in the weights by Dick Benka and Ed Nosal.

Wings did respectably in the high jump, but he wasn't close to qualifying for the finals. He cleared 6 ft. 2 in.,

near his season's high, but 17 others cleared 6 ft. 4 in. and 6 ft. 6 in. was necessary for the finals.

Larry Kelly managed to win his first heat in the 60 yard dash, but he was eliminated in the quarter-finals. Dick Hurd from Notre Dame successfully defended his dash title from last year by copping first with a time of 6.2.

Tech's best opportunity to score some points evaporated when Ben Wilson turned in a disappointing performance in the two mile run. Art Dulong, Holy Cross' sensational distance runner won the event by a wide margin while setting a new record of 8:44.9. Wilson's time was 9:27, well off his season's best.



Photo by Gary DeBardi

Dave Storeygard of Kappa Sigma brings the puck out of his defensive zone in intramural action last Sunday night. The Kappa Sigs toppled ZBT 5-2 to advance in the playoffs.

Racquetmen 11th in nationals Harvard, Nayar win again

By Roger Dear

MIT's varsity squash team officially ended its 1968-69 season last weekend with an eleventh place finish at the 36th National Intercollegiate Squash Championships held at Yale. A total of nineteen teams participated in the tournament. Harvard successfully defended their title and Anil Nayar, Harvard's national champion, won the individual intercollegiate championship for the third year in a row. Harvard also retained the nine man team championship, even though Penn defeated them during the season.

All four racquetmen succumbed in the first round of the tournament. Bob McKinley '70, was defeated by Bill St. John of Cornell 18-15, 15-7, 15-5. St. John advanced to the quarter finals, where he lost to third-seed Bob Cowin of Navy. Geoff Hallock '69 forced fifth-seeded Spencer Burke of Penn to five games before bowing 15-9, 11-15, 15-11, 17-18, 15-11. Burke proceeded to the semi-finals where he lost to Nayar. Manny Weiss '70 lost in his first

round match to Mike Beautyman of Trinity 15-8, 17-17, 16-13. Steve Gottlieb '71 fell to Navy's Stu McFarland in the first round 15-4, 15-7, 15-10.

In the first round of the consolation tournament, the racquetmen fared much better. McKinley defeated Bill Diequez of Adelphi 15-10, 15-5, 15-14, but in the second round, Hal Washburn of Navy beat Bob in four games, 15-13, 12-15, 15-12, 18-16. Gottlieb overwhelmed N. Elmaleh of Brown in his first round contest, 15-7, 15-12, 15-11, but then lost to J. Umans of Cornell, 15-13, 13-15, 18-15, 15-6. Weiss needed five games to get by S. Chow of Stony Brook 15-8, 16-18, 15-13, 15-8, 15-2. But in the second round Manny lost three games to Bill Meadows of Amherst by identical 15-9 tallies. Hallock defeated Justin Stanly of Dartmouth in the first round, 11-15, 18-13, 15-11, 16-14. But in the third round, Geoff lost a squeaker to Dave Roe of Yale in five games, 15-9, 11-15, 15-11, 16-14, to end the varsity season.

Mermen seventh at NEISA

By Ron Hollander

"It was, I believe, the finest performance MIT swimming has ever made." Swimming coach Charles Batterman was enthusiastic and rightfully so, following Tech's showing in this year's New Englands and National Collegiate Championships. The engineers broke six varsity records in amassing a total of 109 points, good for two gold medals and seventh place overall.

The "feats of fin" were so numerous on this day that it's hard to single out any one top performer; but perhaps the most outstanding and encouraging display was the work of Al Graham. Only a sophomore, Al broke the MIT varsity record in the 400 yard individual medley, an event not normally included in dual meets, in winning the gold medal. His time of 4:39.5 chopped 6 1/2 seconds off the old mark, but as far as records go, Graham had only begun. In the qualifying trials of the 200 individual medley, he broke his own record of 2:10 with a 2:07.7;

and then he broke it again in the regular event with a 2:07.1, good for second place.

Graham's showing was strong, but this meet had similar showings all along the line. Co-captain Lee Dille '69, was right in his usual sensational form as he scored a tremendous upset in takg the 200 yard freestyle in a new record time of 1:50.9. Dille's victory was especially gratifying in that he beat one of the few swimmers (from Springfield) who had beaten him during the regular season. In winning the gold medal, the record Dille cracked was his own; but like Graham, he wasn't content with just one new record. Lee just missed qualifying for the 500 yard freestyle (by a tenth of a second), but not to be kept down, he swam the consolation heat in 5:15 flat, breaking the record he set two weeks ago and taking first in the "also-ran contest." Had he qualified, his time would have placed him third in the event.

Breastroke specialist Tom Nesbitt '69 jumped aboard the new record bandwagon in both of his events. He won the consolation heat of the 200 yard breaststroke bettering Larry Preston's time of 2:26.1 with his own 2:24.8. In another event rarely seen in dual competition, he cracked the mark in the 100 yard version of his specialty,

finishing in 1:05.6.

Jesse Heines '70 contributed what Coach Batterman termed "a really nice job" in the 3 meter diving board. Jesse,

(Please turn to page 7)

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Tuesday, March 11, 1969

Bindery
Room 14E-210

A rally for the golf team will be held Wednesday at 5 PM in the Varsity Club lounge. The team will be touring the south during spring vacation.