

## SACC conference opens No judicial action due on October 3 incident

The National Conference on Social and Economic Conversion, sponsored by SACC and the Fund for New Priorities, opened on a hopeful note Wednesday night as speakers explored the general implications of conversion of the American economy, but Thursday's discussions produced only one specific proposal.

The keynote session Wednesday night was called to order 15 minutes late by Leon Shiman of SACC.

The reason for the delay may have been the antics of the audience. Each person attending had been given a balloon before he took his seat, and the air was filled with inflated ones being tossed about the room, accompanied by comments like "turn all bombs into balloons" and "all conferences should be converted into playgrounds."

The first scheduled speaker, Senator Thomas Eagleton (D. Mo.), was unable to attend but sent his legal aide instead. In his prepared statement he talked of the "myriad of unmet problems and needs" present in an economy conditioned by war and war spending. The statement described testimony currently being taken on conversion by Eagleton's committee in the Senate but ended on a disheartening note. "Even small changes in the law," it read, "are difficult, and full scale social engineering may be impossible."

Richard Barnett, Co-director of the Institute for Policy Studies, the second speaker, spoke on the "economy of death" and the structure of the military-industrial complex. In relating how the military services embellished the threat to suit their internal purpose, he said, "It's essential to have an enemy worthy of your own war plans." The two main issues he saw facing the conference were those relating to attitudes. To convert, he said, we must first show that national security is not only an expert's activity, and we must generate a willingness to change priorities both in national defense and in other national affairs.

Prof. John Gurley of Stanford University discussed the  
(Please turn to page 3)



As a symbol of conversion, SACC members put the torch to a 240 pound block of ice in the middle of Kresge Plaza, perfecting an ice sculpture. The process took several hours.

Photo by Joe Kashi

By R. G. Hawthorne  
Dean for Student Affairs J. Daniel Nyhart, in an interview with *The Tech*, stated Wednesday that he has recommended no action be taken by the Faculty Discipline Committee regarding the October 3 Corporation meeting incident.

This decision was reached after conversations with members of the Baddour Committee which was set up to examine the facts of the incident.

In recommending no action Nyhart agreed that the case was actionable but also stressed that "in the past we have rolled with much the same type of incident." What concerned him most was how the incident fit in with ongoing events. He is at the moment more concerned with

"trying to set up norms within the community."

Nyhart mentioned three considerations which were instrumental in his decision. First he did not want to do anything which might influence in any way the workings of the two panels currently looking into the events surrounding November Actions. Second he felt that the time lag between the time of the incident and the decision was too great. (This he attributed to the November Actions.) Thirdly, Nyhart hoped that his future decisions could benefit greatly from the results of the current two disciplinary panels.

It had been originally expected that the Baddour Committee would make a recommendation to Dean Nyhart as to whether the Faculty Discipline Committee should take up the matter. As previously reported in the November 18 issue of *The Tech*, the Baddour Committee report declined to make such recommendations. This necessitated Nyhart's making the decision. When asked if he agreed with the gist of the report Nyhart answered in the affirmative, stating that he agreed especially with the report's stress on the seriousness of the "threat to the fabric of the institution."

### Nyhart's statement

Excerpts from a statement released by Dean Nyhart yesterday stated "I personally feel this was a serious event, and most arguably of the nature that ought in the future to invoke appropriate internal sanctions. This is particularly true when such an event is viewed as one of a series of escalating confrontations"

obtained a continuance until March 4, 1970. At that time, provided the defendants have "kept out of trouble", charges would be dropped. Judge McKenney took time to assert that "trouble" did not include "legitimate," legal demonstrations.

In related activity, about 1000 demonstrators rallied outside BU's Marsh Chapel at noon in support of 11 demands made on BU president A.F. Christ-Janer by a mass meeting of the Student Union Tuesday night.

Dean of Student Affairs Staton R. Curtis read a prepared statement on behalf of Christ-Janer. The demonstrators heckled him as he refused or dismissed most of the demands.

## 22 tried on BU charges

By Bruce Schwartz  
and John Jurewicz

22 persons arrested in a demonstration at Boston University on November 25 were tried by Judge Elwood McKenney in Roxbury District Court yesterday.

That demonstration, in which about 100 people participated, was organized by BUSDS, NAC, and the BU Women's Collective in protest of a seminar at BU's George Sherman Union by a General Electric official. It was intended to support striking GE workers. It was broken up by Boston police who, eyewitnesses assert, beat many people, including bystanders. Several demonstrators and four policemen were injured.

David Rubin, David Halvarg and Virginia Hildebrand faced charges of assault and battery on a police officer, and Halvarg, of using a chemical weapon. Judge McKenney found them guilty of A&B, but acquitted Halvarg on the weapon charge. Rubin and Miss Hildebrand were fined \$500 and Halvarg \$1000. But the Judge ordered the fines held in abeyance provided the defend-

ants waived their right to appeal for a jury trial and "stayed out of trouble." Upon their graduation next spring the fines would be dropped.

Rubin and several others claimed the police had beaten them while in custody. Rubin exhibited a black eye and several facial bruises. He has begun a \$25,000 brutality suit against Boston police.

MIT students George Katsi-ficas '70, Richard Elwyn '70, Michael Kaplan, '71; plus Mike O'Connor were among the 22 tried for trespass (in violation of an injunction obtained by BU Nov. 24) and participating in a riot. In a surprise move apparently intended to deter the protesters from future actions, the Commonwealth asked and

## GA: Open faculty meetings

By Robert Elkin

The General Assembly declared its support for equal student speaking privileges at faculty meetings in a motion passed at Tuesday night's meeting.

Other matters considered included discussion and approval of the final wording of the MIRV referendum ballot, a report of the findings of the faculty committee on ROTC, and postponement of a decision on

the question of *The Tech's* exclusive advertising contract with the National Educational Advertising Service.

### Speaking Privileges

Introduced by Bob Michaud '71, the resolution recommending student speaking privileges at faculty meetings cited the "overriding importance of the issues" confronting the MIT community today. Under present faculty rules, students can

speak at a faculty meeting only if they are invited to speak by the the secretary of the faculty prior to the meeting.

Discussion on the motion was brief. Michaud called the resolution a political move and hoped that it would set a precedent. Speaking in support of the motion, Wells Eddleman '71 remarked that efforts in this direction have been generally unsuccessful. He noted the recommendations made last spring by the Meyers committee, concerning student speaking privileges, had not yet been implemented, and that his own efforts to probe the matter through an ad hoc committee had been thwarted by the secretary of the faculty.

### Revised wording

After a lengthy discussion and several revisions the delegates approved the final wording of the MIRV referendum, which will be held Tuesday, December 16. The first question asks if MIT should continue MIRV research; the second asks students to rate six possible actions that MIT can take in the future concerning present MIRV contracts, on a scale ranging from strongly opposed to strongly in favor; the third concerns what MIT should do with the I-Labs; and the fourth asks students to rate their  
(Please turn to page 2)

## Faculty meetings to debate MIRV, resolutions offered

By Harold Federow

MIRV will be the topic of discussion at a special faculty meeting called for next Wednesday, December 10.

Professor Gerald Wilson, Mechanical Engineering and a committee of four faculty and two students have been working to "help inform people in almost any way we can."

The meeting will also present an opportunity for presentations of resolutions to be voted on at a second meeting February 25.

The meetings were organized by the faculty members acting as a sub-committee of the Faculty Advisory Group in an attempt to promote discussion of the issues that have been raised. Two students were later added.

In an interview last Tuesday, Wilson said that the purpose of the group was to inform the faculty and students of the fundamental issues involved.

The best way to accomplish this, the committee felt, was to be willing to talk to small groups themselves and to get others who were willing to do this. They have also solicited the position papers that have recently appeared. Further, they felt that it was necessary to start on the MIRV issue and let the more basic issues, such as who decides there should be a MIRV, arise of themselves. Discussions are "slowly shifting to the broader issues as we intended."

While February 25 may seem rather distant from December 10, there are two main reasons why the second meeting will be held then. One is simply time. There are two vacations and a finals period in between. Secondly, the committee does not want people to feel that anyone is "railroading them into a fast response."



VOTE: Robert Michaud '71 (left) watches the outcome of his motion to give students and staff speaking privileges in faculty meetings.

Photo by Gary DeBardi

# MIRV referendum okayed

(Continued from page 1)  
own understanding of the issues involved.

Speaking on a related matter, Prof. Gerald Wilson of the Faculty Advisory Group described FAG's work in distributing information about MIRV to the members of the MIT community. He noted that six position papers have already been distributed and the committee plans to hold two special meetings of the faculty on December 10 and February 25 to discuss MIRV and other war-related research at the special laboratories.

### ROTC reform

Eddleman presented a list of recommendations of the special committee on ROTC established by the faculty last May. The committee, chaired by Prof. Fred McGarry, proposed that ROTC should not be set up in academic-type departments. Instead, an Office of ROTC Programs, responsible to the Provost would be set up, with its programs and courses under the jurisdiction of a special ROTC committee. No academic credit would be given for pure ROTC courses and only the heads of the three ROTC units would have the professorial rank (that of Visiting Professor) as required by law. Eddleman stated that the entire set of proposals would be presented to the faculty for action later this year.

On the newspaper advertising issue, Bob McGregor of the Activities Council reported that

Finboard was conducting a financial investigation into the publication of campus newspapers and had asked *The Tech* and *Thursday* to submit financial statements. He stated that neither committee could make any recommendations at this time and requested that the matter be placed on the agenda for the next meeting.

Dean Daniel Nyhart spoke on the nature and activities of the Dean's Office. Calling his office an educational rather than an administrative post, he stated that his office was currently examining student residential programs self governance and participation in Institute government, and ways to improve Institute wide counseling resources.

At the end of the meeting



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# Conversion plans mapped

(Continued from page 1)

economics of the United States and the international capitalist system. "Rational capitalists will not," he said, "take account of social costs, nor can a system organized for capitalists allow for them either." Thus, the issue he saw before the conference was whether conversion or "economic subversion" could bring about the necessary changes.

Carl Oglesby, a past president of SDS, picked up where Gurley left off, carrying the audience into a discussion of imperialism and the anti-imperialist struggle. Viewing history in this way left us, he said, with only one worthwhile job to do on this "space craft which we all happen to be aboard," and that is preparing the way for conversion by building the anti-imperialist movement in this country beyond the campuses.

The session closed with a tape recording of a statement by Andr Gorz, who had been detained in New York (apparently by US authorities). It was followed by a film, produced by SACC on conversion.

A complete summary and analysis of the conference will appear in *The Tech* Tuesday



SACC's Conversion Conference opened Wednesday night to a packed Kresge Auditorium — packed, that is, with about 1000 people and many bouncing balloons.

*Photo by Harold Federow*

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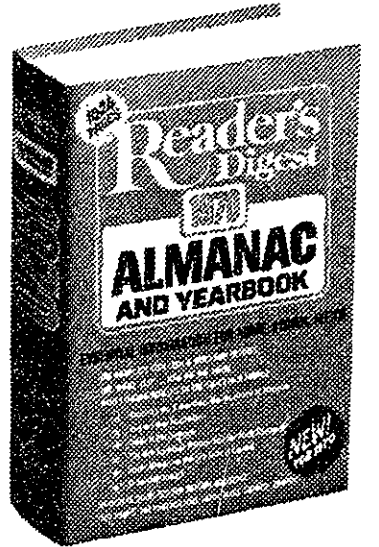
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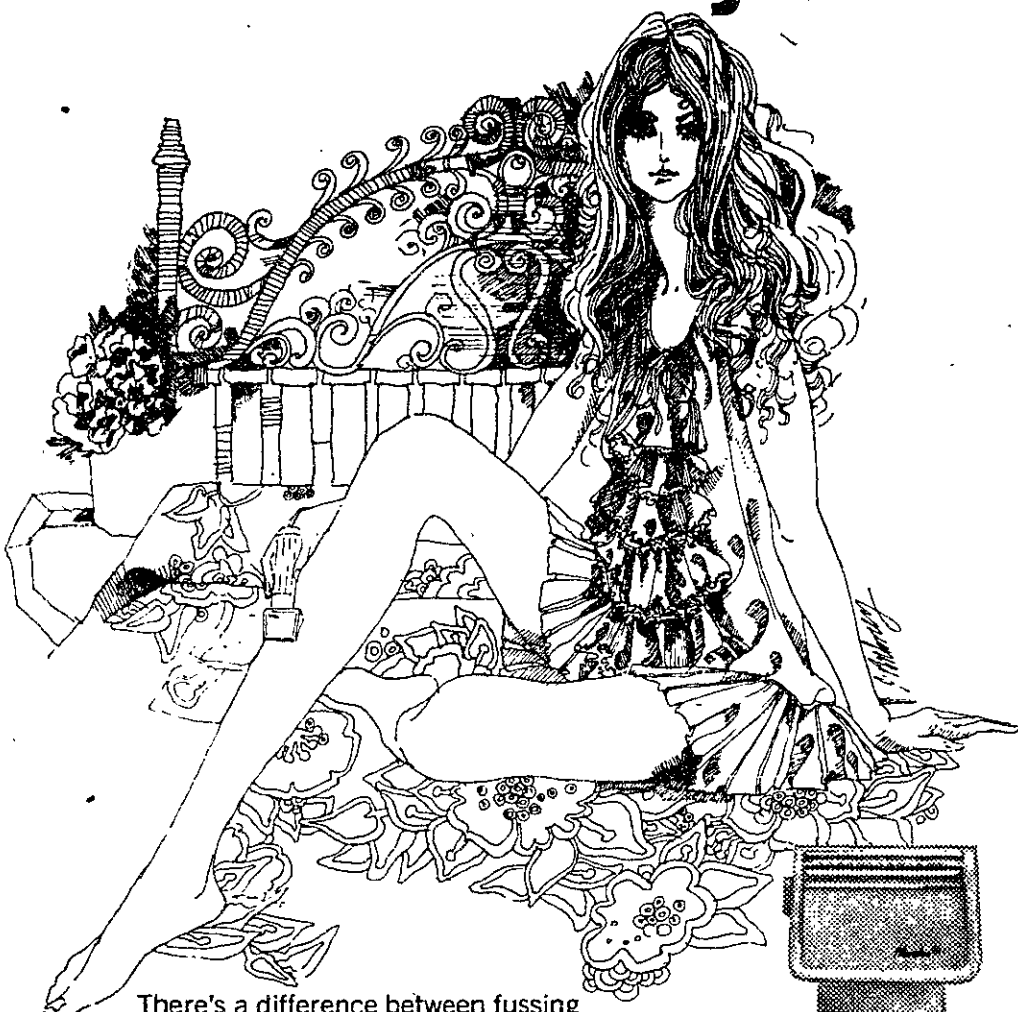
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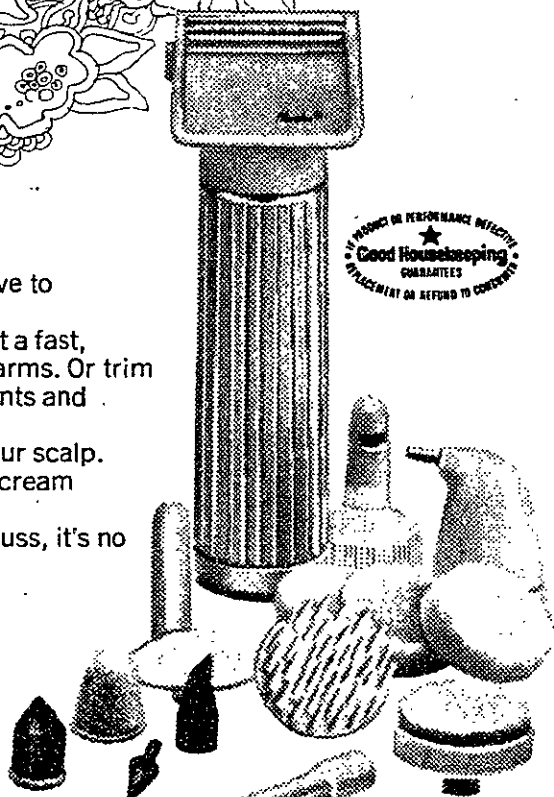
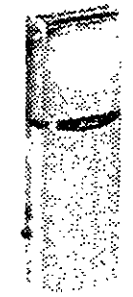
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# Guilt at Song My

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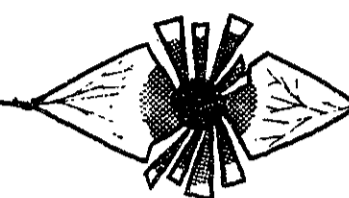
It is our hope that the American public will come to see that that what happened at Song My was not the product of the evil in a few men but rather of the type of war we are fighting. It is a war in which "ally" and "enemy" look alike because it is their country, not ours, and because the average Vietnamese probably cares more about peace than about who wins. Add an American company which has suffered nearly 50% casualties in forty straight days of fighting and has been forced to think of Vietnamese as "gooks" rather than as human beings so that they can keep killing them and still sleep at night, and things happen,

regardless of whom the individuals involved happen to be. Any guilt which is to be apportioned must be apportioned to each and every American, because we chose to fight that war.

And how many Song My's have happened without being reported? How many have occurred through massive bombing in free-fire zones? (Song My, a fully occupied village, was in a so-called "free fire zone", in which anything that moves is assumed to be enemy.) We will never know the answer to this question because no American soldiers are ever there when the bombs fall.

It is our hope that the American people will be able to understand why Song My happened (and why it is probably being repeated as you read this) and not to think that the guilt for the massacre can be neatly assigned to a few individuals.

**SCHIZEYED**



## The Uncle Sam SWEEPSTAKES

By Bruce Schwartz

Naturally, you were all listening to the Uncle Sam Sweepstakes Monday night. Did you find yourself praying that your birthday would fall at number 360? You're lying if you say you didn't.

Big deal, I'd figured. So what I'm 2-S, we'll worry about it later. After all, I've still got two years at good ol' MIT, right? And by then, the war will be over, won't it? Well, won't it? Hm?

But... Jeez, I've been in school for - let's see now - fifteen years... that's a long time, too long. I am tired of it, damnit. Maybe I can take a year off if my birthday comes up at, say, 320...

The drawing commences. Huddled around a radio in a roommate's room at my apartment: four roommates, two girls and me

"Not April 25." "January 21 at 361." "Oh, God, if I'm in the first hundred I'm screwed." "If I'm in the last hundred I'm letting my deferment lapse and taking a year off and going to Europe."

I'd love to do that... Through the tens, the twenties, the fifties, on into the hundreds. My stomach grows uneasy. My muscles grow tense.

Come on, snake-eyes... It is ridiculous, being here, listening to two nasal Southern voices drone away the life drawings, deciding my fate. I feel like the stakes in a crap game. Maybe life is a crap game...

You can't win, you can't break even, you can't get out of the game - the laws of thermodynamics paraphrased.

But why, why should this stupid drawing make any difference to me at all? It will not end the War or make it right if I am number 360 and need not face the draft.

Number 180, 181, 182, 183, 184, 185. "January..."

not twenty-first, oh please...

"Twenty-one."

Bingo.

Well, the waiting is over and the die is cast at last. Number 186 and what do we do now? Smack in the middle and maybe a 50-50 chance of one day opening the mailbox and

Greetings: Your...

The draft. Living from day to day under the 2-S umbrella, you kind of let it drift to the back of your mind and the idea that one day Uncle Sam might want you never comes to the fore

jungle at my back, there's an M-16 in my hand. Shoot down-down gook in black pajamas screams and falls or

five year old child crying in front of burning hut "Kill him,"

lieutenant says to me. I cannot do it and put a bullet through my foot. The village burns...

Fifteen kids carrying scars of napalm burns or

VC writhing his testicles beaten or

Hot little lead piece eating out my stomach or

blackout to nothing

Once when I was very full of amor pro patria I joined a paramilitary organization a sort of children's ROTC, the Navy League's Sea Cadets. Friday nights in bellbottoms and chambray shirts we'd stand at attention for what seemed hours, march endlessly around the dull dim gym, run through the manual of arms and shout 'we love what we're doing!' And get shit from middle-aged, balding Reserve commanders who needed some kind of troops to yell at and obey orders and never ask stupid questions like "Why do we have to..."

I lasted six weeks; then my hair began to grow. I could take it again, but two years of taking shit from lifers?

(... Is number two-zero-two.) Another roommate enumerated.)

But that's minor. Two years of shit is better than five years of prison. But if there's still this lousy war...

I was fifteen and in the Hahneman med school cadaver room. They hang cadavers on hooks meathook style. 150 cadavers in a cold locker and me they frozen in the stiff postures of rigor mortis, some with their eyes open very icy staring. all cold and stiff and the faces no longer quite human, and me, frozen in the posture of fear but wanting very much to scream and turn from the awful face of so much death. I dreamed cadavers that night, and every so often when they picture the dead in TIME or on NBC, I dream cadavers and wish they would leave my mind forever.

Five old friends in Vietnam now. Who comes home in a box?

My last roommate comes home. "What's your number?"

"I'm drafted. 117."

"You sound upset."

"I am upset."

The war comes home.

Leave the country? You can

never go home any more and I do not speak Swedish well. Canada is cold, and you can get sent to Vietnam from Australia.

Prison. I've thought about prison. If the war's still on, refuse induction, maybe. If not, go in, and if they try to send me to one of their police actions refuse to go and wind up in a military jug. Give me time to write a book, maybe

or get beaten up by the goons or the guards, get fucked up by the fags. There's time in prison, time to grow pale and thin and sick and bitter, time to let the hatred for the system that put you there grow and fester and so consume your soul that when they finally let you pass out from the bars you will want to kill want to destroy. You will be a criminal then, and then what have you won?...

In the high 300's, my other roommates are called. I'm not so happy, but it could be worse. I could be 1-A now, instead of two years from now. And, I come from a poor town - lots of blacks and Puerto Ricans and poor whites and they all enlist.

When you consider that Nixon pushed this "draft reform" as a means to help still the clamor of dissenting youth, you begin to wonder. Is your number 345? Are you going to sit back and say, "Well, I'm safe. Everything's all right now?" (The reverse applies, too. What are you going to do, number 22? Suddenly the war is very real.) If you do you're doing what the administration wants you to do. They'll still get their manpower.

No draft reform can ever make the draft system right if those conscripted are sent to Vietnams to bomb and burn and massacre in a war that cannot be won, that everyone agrees was a mistake" or worse, in which you can't tell enemy from ally.

And if those are just words to you, then sleep tonight and dream of cadavers. You will understand.

"Schwartz."

"What?"

"You're only 18. It doesn't count for you."

"You mean I have to go through this again next year?!"

# Letters to The Tech

## Poem

To the Editor:

### Combat

Strop my mind to a razor's keenness In Religion, Psychology, Medicine Law, Philosophy, Economics, History, Music, Politics, and Literature, O MIT, Ye God of Technology, So I can slay the harvies at their own game.

Steve Savatsky '65

### Mr. Ciulla defended

To the Editor:

Over the past several months, the MITSDS has maliciously attacked the character of Mr. Salvatore Ciulla, a Night Assistant

in our Building Services operation. We wish to unequivocally state that their allegations are unfounded and in direct conflict with the available facts.

The Department of Physical Plant stands ready, as in the past, to openly discuss legitimate items of concern with members of the MIT community. It is indeed regrettable that any individual or group would resort to outright character assassination aimed expressly at depriving one of his livelihood without first extending the slightest effort to ascertain the validity of their allegations.

William R. Dickson  
Assistant Director  
Physical Plant



VOLUME LXXXIX, No. 49 FRIDAY, DECEMBER 5, 1969

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Second-class postage paid at Boston, Massachusetts. The Tech is published every Tuesday and Friday during the college year, except during college vacations, by The Tech, Room W20-483, MIT Student Center, 84 Massachusetts Avenue, Cambridge, Massachusetts, 02139. Telephone: Area Code 617 864-6900, extension 2731, or 876-5855. United States Mail subscription rates: \$4.50 for one year, \$8.00 for two years.



"THE SILENT MAJORITY"



# MIT experts ponder arms race outlook

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Within the next year or two, US and Soviet intentions concerning the deployment of ABM systems and multiple warhead missiles will probably become much firmer than they are at present. What those intentions will ultimately be will be determined to a large extent by the Strategic Arms Limitations Talks, which both powers recently began in Helsinki, Finland. In a very real sense, decisions which are now being made and will be made in the very near future will shape the world balance of strategic nuclear weapons for a long time to come.

To illuminate the major arms issues and bring the community up to date on the state of the nuclear balance, The Tech recently interviewed three experts in the field who are currently at MIT.

## Jerome Wiesner

Institute Professor and Provost of MIT, is a former Science Advisor to President John Kennedy, and remains a member of the presidential science advisory staff. Prior to this appointment, he was Dean of the School of Science at MIT and Director of the Research Laboratory of Electronics. In 1958, Professor Wiesner served as Staff Director of the American Delegation to the Geneva conference for the Prevention of Surprise Attack. He recently coedited a book, sponsored by Senator Edward Kennedy, arguing against the deployment of an ABM system. Since 1962, he has held the title of Institute Professor.

## Jack Ruina

Vice President for Special Laboratories at MIT, has served as President of the Institute for Defense Analysis. In 1962, he was appointed Director of the Advanced Research Projects Agency of the Department of Defense. Dr. Ruina serves as Technical consultant to the Defense Department, the Department of Transportation, and the Arms Control and Disarmament Agency of the State Department. He is a delegate to the annual Pugwash Nuclear disarmament conference.

## George Rathjens

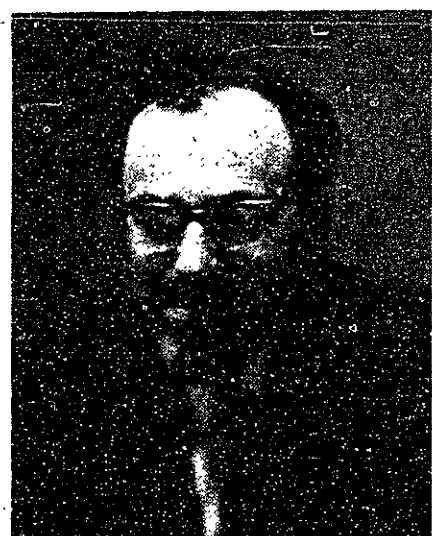
Professor of Political Science at MIT, has been a member of the staff of the Office of Science and Technology at the White House. He was a member of the weapons system evaluation group at the Defense Department. Professor Rathjens served as Deputy Director of the Advanced Research Projects Agency of the Defense Department, and also as Special Assistant to the Director of Arms Control and Disarmament Agency. From 1965 to 1967, he was director of the weapons system evaluation division of the Institute for Defense Analysis.

**The Tech:** Has MIRV testing progressed sufficiently far that it is beyond the point of no return, such that the Russians will now have to assume that we have deployed it, and what effect will this have on the SALT talks?

**Wiesner:** You can't talk about the Russians any more than you can talk about the Americans. It is very obvious that there are different positions and opinions among Russians, just as there are in the United States. I am sure that any objective observer of MIRV and its testing program would probably have to conclude that it hasn't passed the point where it is useful as a first strike weapon, which is, after all, the thing that one has to worry about when considering the strategic balance, and probably

won't pass that point for some time to come. On the other hand, anyone who wanted to take an extreme position in order to defend moving ahead with their own things, as often happens here, could argue that it's gone further than one would guess from the testing you know about, and that it could be tested secretly to finish it. There is a whole series of scenarios you could invent: It could be tested quickly, it can be deployed quickly. So, I think that one has to ask not only what are the facts, and what are the arguments that can be made. And the facts are that it is certainly not developed to the point where its deployment as a first strike weapon makes any sense. So, it's a question of whether the Russians would look at the thing objectively or whether some particular position of their hawks would emerge as the strongest position. Clearly, it has not gone to the point where any objective observer, seeing that they know from seeing and reading about it and the tests, would have to conclude that it was indeed a deployable first strike weapon.

**Ruina:** I think that the concern is not whether the first generation MIRV system would seriously threaten the total destruction of a land based missile force within the next five or ten years, but rather whether one couldn't make such undetectable improvements to a MIRV system with time that even with small yields it could be a very effective counterforce weapon. The issue that's been raised is, once you've let this cat out of the bag, whether the steps to make it an effective counterforce weapon can be stopped. I think that there's general agreement that the MIRV we're building now is not a counterforce weapon, in spite of what...



**Ruina:** Land-based missiles obsolete? *Photo by Harold Federow*

**Rathjens:** It may not have a counterforce capability, but still it might be perceived as having those qualities because the other fellow doesn't know its capabilities. They don't know how accurate it will be. They don't know how reliable it will be. And, they may believe their own missile sites are softer than we believe them to be. So it might well appear to be a potential counterforce weapon. But still, I don't think that even if it's more accurate it will present a significant counterforce capability unless it's tested at great length so that one may have very high confidence in its reliability. The testing would have to continue even after it's deployed in order to maintain that confidence. It's not too late to stop it if we control the testing. Most people would recognize that neither side could have an effective counterforce capability without continued testing.

**The Tech:** But as you have pointed out in the past, half of the problem is that the other fellow thinks it will do.

**Ruina:** There is another approach to the MIRV problem. The reason that MIRVs may escalate the arms race is because they, with time, represent a threat to the land-based force for deterrence. Perhaps a more reasonable approach is if a fixed land-based force is becoming vulnerable, let's not count on it very much longer and with time we should eliminate it. I believe we can maintain an adequate deterrent force without fixed land based missiles. If both we and the Soviet Union move in that direction MIRVs don't make any difference.

**The Tech:** But aren't there a lot of political problems involved with eliminating a land-based missile force?

**Ruina:** Sure this will create a lot of political problems. The people responsible for the land-based force aren't about to say that it's obsolescing. There's also a strong argument for maintaining different elements in our nuclear force and that we shouldn't be putting all of our eggs in one basket. We can't afford to do that. That's the nature of the debate. My own conclusion is that in the long run, we'd be better off by forgetting about the land-based force, and relying more and more on a submarine force, small in size but advanced in character.

**The Tech:** But that raises that spectre that a debate similar to that about MIRV—which is about its destabilizing potential—will crop up in about ten to fifteen years when we reach an advanced state of anti-submarine warfare (ASW).

**Rathjens:** I disagree. I think that this point may come, but I think that the technology is different in the two cases. It seems to me that in the case of the MIRV vs. the land-based missile it's not just the MIRV, it's an improvement in accuracy too. The combination of increased accuracy and multiple warheads means that the land-based missile is a losing game. With the submarine situation, it's just the reverse. The prospects of reducing the noise level in the submarines, extending the missile range, and making other improvements in the offensive submarine are so much greater than the prospects for great improvements in ASW that with reasonable technological effort in both offense and defense, the lead that the offensive submarine has over ASW capabilities will increase rather than diminish.

**Ruina:** There's another part to this equation: Until now we've talked of this fantastic force that both we and the Soviets have. What is required for deterrence? If you think in terms of Poseidon, 16 missiles per boat, 10 warheads per missile, that's 160 warheads. If each warhead has the destructive power of a Hiroshima bomb, that makes 160 Hiroshimas in one boat. It seems to me that just one boat is a mighty big deterrent. So, if you're talking about ASW, then you're talking about ASW that can wipe out the whole Poseidon force all at once.

**Wiesner:** You have to consider an ABM.

**Ruina:** When you eliminate the land based force MIRVs really aren't dangerous, and in fact they represent a safeguard against possible ABM development.

**Wiesner:** But then you might not want independently targeted warheads, you might just want multiple warheads.

**Ruina:** Well, then you might want all kinds of penetration aids.

**Wiesner:** If you want penetra-



Wiesner: CBW not very useful?

Photo by Harold Federow

tion aids, then the best penetration aid is a multiple warhead if you have to have one.

**Rathjens:** But if you can stop ABM, then you don't need one.

**Wiesner:** But, you don't need that either, and that's why you want to stop ABM.

**Rathjens:** If you can stop ABM, then in my book, one Polaris boat load is a damn good deterrent.

**Wiesner:** I used to argue that 100 missiles were a mighty good deterrent system. I think they still are. You know we deterred the Russians after the first bomb with 3 twenty kiloton bombs. I'm not sure that they knew there were only three, but they must have known that it was a mighty small number, and they didn't want them on their cities.

**The Tech:** Do I sense a consensus that land-based missile forces are becoming obsolete now?

**Rathjens:** I won't go that far. I think that you can have a ban on MIRV that would make the land-based missile force an important part of the deterrent for some years to come. But, if you don't get the ban on MIRVs, then land-based missiles will be a thing of the past.

**Wiesner:** But even so, it will take some years.

**The Tech:** At what point should the US begin to worry about the Soviet Union attempting to gain a first strike capability?

**Wiesner:** If the American force was half of what it is, I'd feel pretty secure, especially if it was largely in the Polaris fleet. I don't think it would hurt the US to freeze at the present level, even if the Russians continued to build for a little while. I think that there's so much stability in the thing that...

**The Tech:** Then the gap between the ASW capabilities and the submarines is large.

**Wiesner:** I think that really effective ASW capabilities are a mad dream. I think that before the ABM hearings were over, the Pentagon got around to admitting that they didn't know how to build an effective ASW system, and that it was unlikely that the Soviet Union would.

**The Tech:** Then in effect, they can build as many SS-9 missiles as they want because at least in the foreseeable future, the Polaris fleet will be an adequate deterrent.

**Wiesner:** There must be some residual psychological effect.

**Ruina:** Sure it is, Jerry, in fact, we already hear that what we need is not only an "assured destruction" capability but also we've got to have the capability to do as much destruction as the opposition no matter how large that may be.

**Rathjens:** That's ridiculous.

**Wiesner:** That's ridiculous. But, you will get that argument.

**Ruina:** But, politically, it's going to be very hard not to have a force that's almost as large as the Soviet force.

**Rathjens:** But in fact, you're going to destroy both societies

completely. There is no exploitable or useful advantage to either side if in one case it involves killing a hundred million people while on the other the number is fifty million.

**The Tech:** Exactly what weapons would be defined as strategic weapons and thus come under the aegis of the Strategic Arms Limitation Talks? Would CBW be considered strategic weaponry?

**Wiesner:** I think that neither we nor the Russians ever regarded CBW as an important strategic weapon. There are people who would claim that they have strategic uses. One of the things those of us who have had to wrestle with these problems have always felt is that they're a much overrated weapon and it was a fantastic waste of money to be stockpiling them. It's a good weapon for a small nation who can't afford to do anything else, maybe. But it's a very unreliable weapon. I very recently had a long discussion on CBW with a government official who was out trying to convince people who were pushing government to stop CBW that they were wrong. He came and spent half a day with me on Martha's Vineyard, and wasted a day of my vacation. He kept insisting that we had to have CBW as a deterrent against Russian CBW and I pointed out that nuclear weapons were as good a deterrent against CBW as they were against nuclear weapons. He obviously had never thought of this, which I found hard to believe. But the idea that if somebody fires a biological weapon against you, you have to fire a biological weapon back, is crazy. When you say this to people (that they're not a very good weapon to start with), they say: Yeah, but they're important deterrents. When you talk them out of that, they say that you have to study them so that you know how to protect yourself against them in a limited war. When you say that they're not very useful even in limited war, they claim that this is one of the ways in which you study epidemiological effects in the United States. But there's no way that you can make a very good case for them. We tried, when I was at the White House, to get a ban like the one Nixon just announced on CBW. We could never understand just where all the opposition came from. Three times we proposed that the US sign the Geneva protocols against CBW, and three times the Joint Chiefs and other supporters of CBW fought it to a standstill. And, the State Department joined them.

**Rathjens:** However, the political climate is in favor of banning them now.

**The Tech:** I don't think it's been made obvious. What precisely are strategic arms?

**Wiesner:** Where do you draw the line? It's a good question. When

(Please turn to page 7)

# Housing plans progress

By Bob Dennis

Recent events related to the housing problem in Cambridge the MIT housing program has been progressing toward achieving the necessary zoning changes while the proposals of the City Manager's Housing Task Force are nearing the groundbreaking stage on one site but encountering opposition on others.

Little or no opposition was evident Monday night as the Cambridge City council held the second out of three necessary hearing on MIT's petitions for zoning changes on its Gore Street and Clarendon Ave. sites. The final hearing has been set for December 15.

Institute Real Estate Officer Antony Herrey presented a de-

tailed presentation of the program to the Council Stressing the economic factors behind the proposals, he explained that high-priced land in Cambridge cannot be used for federal subsidy programs unless the project is zoned for high-density development.

Up to 250 apartments for the elderly are planned for Gore Street, while about 150 units for the elderly are intended for the Clarendon Ave. site.

One of the few voices of apprehension was that of Councilman Thomas Danehy, who sought to delay the zoning changes until MIT could guarantee the federal housing subsidies which would ensure that the site would be developed for

the elderly as proposed.

It was apparent that MIT had extensively campaigned to gain community support for its proposals. Representatives of several citizens groups rose to voice strong support of the MIT plan.

### Task Force Program

One of the four publicly-owned sites proposed in the September report of the City Manager's Housing Task Force is expected to see groundbreaking on Tuesday with occupancy to begin in March. The innovative Neal Mitchell Building System will be used on the Kelley School site in East Cambridge.

Neighborhood apprehension over the school overcrowding and loss of recreation space which could result from the proposed family units has halted progress on the Pemberton Street and Lowell School sites while nothing has yet happened concerning the Sherman Street site.

## Announcements.

\* Students interested in filling vacancies on the following committees please come to the Undergraduate Association Office, room 401 in the Student Center: Committee on Educational Policy; Coop Board of Directors; Coop Stockholder; Special Committee to Review Courses; Student Wages Study; Job Training Committee; Libraries; Commencement; Compton Seminars; Freshman Advisory Council executive committee; Committee on the Evaluation of Freshman Performance; and Finance Board.

\* The first of a series of the transcripts of the meetings of the Commission on MIT Education is now available in the lobby of Building 7. The transcripts contain the presentations made by Dr. James Killian Chairman of the Corporation, Dr. Frank Press, Head of the Department of Earth and Planetary Sciences, and Professor Francis Low, VIII, as well as the questions and answers that followed.

\* There will be an open meeting on the lottery this Tuesday afternoon in Kresge The 4:15 assembly is open to all interested in or affected by the draft.

\* This Wednesday night (the 10th) at 8 pm, WTBS will present a special broadcast dealing with the future of MIT. On the studio panel will be members of the MIT Commission expressing their views; listeners will be given a chance to voice their opinions by telephone.

\* Students, especially freshmen, are invited to attend an open discussion with the Committee on the Evaluation of Freshman Performance on Tuesday, December 9, in the Kresge Little Theatre at 3 pm. Members of the CEFP will be present to receive suggestions, comments, and criticisms of the pass/fail experiment and to answer questions.

\* Organizations wishing to hold mixers in the Student Center during 2nd term should have their applications in at W20-345 by 11 am, December 10, 1969. There will be an open meeting to schedule these applications at 1 pm on Dec. 10 in room 407 of the Student Center.

\* The ASME is having a Christmas Party for all students, faculty, wives, and secretaries of the Mechanical Engineering Department. The party will be in the Bush Room, 10-105, at 5 pm Wednesday, December 17, 1969. All in the Mechanical Engineering Department at MIT are welcome to come and enjoy exotic foods and drinks as well as music and entertainment.

\* Urbanaction magazine, a journal sponsored by MIT Urban Action dealing with analysing the urban crisis, exploring the problems of Cambridge and the role of the universities in the community, urban research projects, student involvement efforts, and other urban-related events and subjects, will go on sale beginning Monday in Building 10.

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### AD HOC STUDENT COMMITTEE

#### FREE DAMASCUS 2

On Friday, August 29th, a TWA plane enroute from Rome to Athens and ultimately to Tel Aviv was hijacked by an Arab man and an Arab woman and ordered to fly to Damascus. Aboard were 113 passengers and crew, amongst them six Israeli citizens—four women and two men.

Immediately following a hazardous landing at Damascus airport in circumstances of terror and intimidation culminating in the detonation of the plane by the terrorists, the six Israelis began their inevitable ordeal. First they were separated from the rest of the passengers and ultimately left behind after the rest of the passengers were permitted to leave. The women have since been permitted to return home. The fate of the men is still not known.

Hijackings are unfortunately a common occurrence in a world replete with lawlessness. This, however, is a special case for the "host" country is in this instance, one from which to date Israelis who had the misfortune to stray across its boundary lines or into its harbors have returned after years of the most ignoble mistreatment either mentally or bodily, shattered or in rough wooden coffins. As a final irony, Syria who has consistently violated international law has been rewarded a seat on the U. N. Security Council.

At the moment of writing, Prof. Shlomo Samueloff and Sallah Muallem are still being held in Syrian detention camps. The United Nations, various airline associations, T. W. A. and supposedly sympathetic governments have failed to secure their release.

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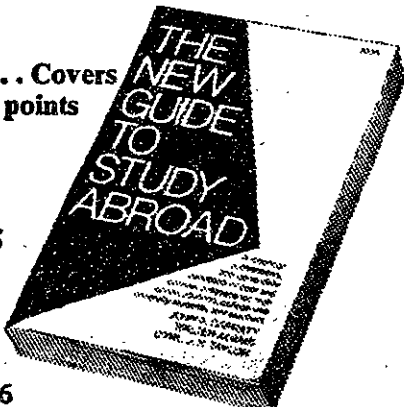
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JANIS...on Columbia

# Wiesner, Ruina, and Rathjens discuss SALT

(Continued from page 5)  
we were negotiating with the Russians before, we never could, for example, decide whether the F-111 was strategic or not.

**Ruina:** I guess that strategic weapons are all nuclear weapons that can be used against the Soviet Union, but not against their field armies.

**Wiesner:** There's an asymmetry here. It's hard for the Soviet Union to use their medium-range aircraft against us, unless you include Europe in the us. Then, there's a balance. Then you have to call their medium-range missiles strategic arms, and then you develop another asymmetry. So, it's not an easy question. But, you can make some definitions if you're not trying to compli-

cate the issue.

**Ruina:** Some of these problems were discussed with the Soviet scientists recently. They'd say: Well, what about your nuclear forces in Europe, and we'd say: What about your medium-range missiles. They'd remind us that their medium-range nuclear weapons could strike at the Soviet Union itself.

**Wiesner:** But in the end, at least the way we used to handle it was to include all the medium-range weapons in Europe and then the balance isn't so asymmetrical.

**Rathjens:** I think that this is one of the things that the Administration neglected to consider in the ABM debate. Some of the weapons that we consider to be tactical may look strategic to the Soviets. Some of the tactical aircraft in Europe could deliver a devastating attack against the Soviet Union, although that's not their primary mission.

**The Tech:** According to the *Washington Post*, NATO planners have again decided to resist a large conventional Soviet attack through the immediate use of tactical nuclear weapons. Would the Soviets consider such use to be strategic? Wouldn't

Europe be destroyed anyway?

**Wiesner:** If the Soviets were seriously interested in an agreement, they might consider them strategic. But if I were a European, I would not regard them as strategic. I would regard them as a good reason for not getting involved in a war in the first place. Even if it didn't escalate the conflict, the use of tactical nuclear weapons would wipe out Western Europe, for you have to assume that the Soviets would also use them. They don't make much sense really. I've never found a military situation in which both sides had tactical nuclear weapons where it turned out to somebody's advantage to use them.

**Ruina:** Of course, the argument is made that somehow the threat of using tactical nuclear weapons deters large land wars from starting.

**Wiesner:** Of course, the real thing about tactical nuclear weapons is that they are a security blanket in the 'Peanuts' sense. They make someone feel safer. The number grew always. Everytime we had a crisis, instead of

sending more troops, we'd send more tactical nuclear weapons over, and this quieted everybody down. Nobody knows what that large number of nuclear weapons in Europe is for.

**The Tech:** Is the retreat from mandatory on-site inspection of weapons an acceptable nuclear limitation agreement by the Nixon administration due to better satellite inspection?

**Wiesner:** It depends on the type of agreement you're talking about. In the case of underground nuclear testing, it's a combination of real improvements in seismic detection, and a better understanding of the problem, and a willingness to understand that there is so little you can gain from clandestine nuclear tests that it's inconceivable that anyone would carry them out. To do any serious weapons development would require an extensive test series which would almost certainly be detected. A nation that felt its security depended upon weapons tests would do what the Russians did in 1961, announce that their security required testing.

**Rathjens:** I don't think that the Administration has faced up to the test ban question, but what they have done is face up to the realization that there are some types of agreements that can be negotiated without on-site inspection. I anticipate that our position toward the SALT talks is that this is the only kind of agreement you're going to get.

**Ruina:** I believe that the previous administration didn't get hung-up on the area of on-site inspection. President Johnson proposed a freeze and never associated on-site inspection with it. And, secondly, a speech that wasn't noticed, but was terribly important was made by an Assistant Secretary of Defense in the last administration named Warnke which talked about unilateral capabilities that were such that, even without on-site inspection, we could have meaningful settlements with the Soviets. However, the issue of controls is not black-and-white, for



Rathjens: ASW won't catch missile subs.

Photo by Harold Federow

controls may take many forms.

**The Tech:** Do I understand correctly that if MIT stopped work immediately on the MIRV that this would have virtually no effect upon the rate of deployment?

**Ruina:** I believe that, right now, the program is already in the deployment phase, and that no matter what we do, the country's program would continue at the same pace with or without the I-Labs continued involvement. In that case, you can naturally ask the question: If it doesn't make any difference, why are we still involved? For the first version of the guidance system our continued involvement relates to modifying designs to make things more reliable or easier to maintain. But that only speaks for the details of performance, and not whether deployment would be delayed. The feasibility of the system is already proven. There's no question that the system as designed is technically feasible.

**The Tech:** Would the awarding of a contract to General Electric for the first 68 MIRVed warheads indicate that the MIRV is practically operational in a finalized form?

**Ruina:** I have read newspaper reports that there are submarines already starting retrofit for Poseidon.



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# Benchwarmer

By Jay Zager

Somewhere intermingled between the intercollegiate program at MIT and the intramural program lies the curious phenomenon, known as the club sport. Recently, in an attempt to learn more about the athletic club, I scanned the athletic department looking for the person in charge of club sports at MIT. Such a person does not exist, and maybe that in itself explains why the average freshman knows close to zero about the club program. Yet such a program does exist, with over 400 participants in about 14 clubs. The exact number of clubs is unclear as some clubs are regarded as "inactive", which means that a representative from the club has not contacted the athletic department this year.

Participation within the clubs varies. The rugby team, with over 100 members, is MIT's most active club, fielding three teams under its president, graduate student Charles Finn. The team competes in both the fall and spring seasons, and even engages in a southern trip, competing against the various clubs in the New England Rugby Football Union. This fall the "Red Team" was 7-1. MIT's second most popular club is the Judo Club. It is under the direction of Harry Yanagai, a fifth degree black belt.

Forming a club consists of getting enough people to show interest in a particular activity. The athletic department will sponsor any club, provided that the department is convinced the activity is worthwhile and not dangerous. For this reason the department has been against the formation of a boxing club here on campus. Generally the clubs provide an outlet for many grad students, who form the majority of most of the clubs. They constitute a monopoly on the grad crew club and the grad soccer club. MIT will generally provide facilities for the club, and in some cases the athletic department will go so far as to pay for uniforms, equipment, and a coach's salary. The southern trip of the rugby team is partially sponsored by MIT.

Clubs fall into two distinct categories - competitive and non-competitive. The grad soccer club, for example, has its own league, composed strictly of MIT grad students, usually grouped by departments. The rugby team, as mentioned, competes with many other rugby clubs, as does the judo club, the water polo club, and the cricket club.

If enough interest is shown in a club, it could conceivably become an intercollegiate sport. Such was the case with the gymnastic club which turned intercollegiate three years ago. One of the problems the club faced was finding enough competition on a varsity level. The team currently engages in about eight matches per year under the guidance of coach Robert Lilly. As it happened MIT was instrumental in setting up gymnastics at the varsity level.

Because club sports at MIT are not grouped in any way, their existences are somewhat varied. Many people know, for example, that the judo club does exist, but few people know of the existence of the White Water club. It seems apparent that an attempt should be made at organizing club sports on campus either under some member of the athletic staff or under one office. The MIT community consists of a multitude of different people with different interests, and these people should not be overlooked in the athletic program at the school.

# BURTON, SAE LEAD A LEAGUE HOCKEY AFTER ONE GAME

After the first game, SAE and Burton 'A' are tied for the lead of 'A' league's Division 1. The SAEIors beat LCA 1-0 for their win while Burton blanked TC by an identical 1-0 tally. Division 2 has yet to start play.

There has been considerably more action in 'B' league. Division 1 features a three way tie for the lead between ATO, TDC, and Bexley. ATO's victory was a 1-0 forfeit win over SAM. TDC trounced SC 7-1. Bexley easily beat Baker 5-1.

In Division 2 there are four teams with 1-0 records. PSK bombarded PGD 8-2. DU out-shot DTD 4-3. ZBT topped DP 6-1, while East Campus got past Burton '3A' 4-3.

The basketball season opened Monday night under a considerably revised league format. The 'A' league has been streamlined to eight teams. There are two equal B leagues of seven teams each and three equal C leagues of six and seven teams apiece. The championship playoffs will consist of a 16 team double elimination tournament involving all eight 'A' league teams and the top four squads from each B league.

### DU, SAE win openers

Co-favorites DU and SAE each won their openers though in different styles. DU trailed SAM by seven points at the half 23-16, but came back strong in the second half to triumph 51-43. Steve Gass '72 was high scorer for the DU's with 14. SAE, however, started strong, as its defense did not allow an AEPi bucket for four minutes in the opening quarter, and smashed the AEPi's 72-31. Bill Godfrey '71 led the winners with 24 points.

In other 'A' league action KS upset Burton 49-42 and LCA stopped PDT 44-31. The Kappa Sigs were behind for three quarters, but beat Burton with a hot streak in the fourth period.



Albert Lau '72 leaps 20' 6 1/2 in Wednesday's meet against Boston College. Lau's jump missed second place by only 1/4". However, BC easily rolled over the Engineers 76-28.

Photo by Gary Ezzell

# BC depth tops thinclads but frosh triumph 61-42

By Buzz Moylin

On Wednesday night under the lights of Rockwell Cage, MIT's varsity cindermen opened their winter season against Boston College. The depth of the B.C. squad, twice the size of MIT's, proved too much for the Engineers as they succumbed to the Eagles, 28-76. However, Coaches Art Farnham and Gordon Kelly were heartened by outstanding individual efforts.

In the field events Ray Mayer '72 placed third in the 35-lb. weight throw with a toss of 4'9". Broadjumper Albert Lau '72 was nose out of second place by a quarter of an inch with a leap of 20'6 1/2". Jim Zilli '71 was victorious in his specialty, the high jump, with a six foot effort. In the varsity pole vault Gentry cleared 12'6" for first; teammate Jim Glowienka '71 was third.

The Techmen did not fare so well when the meet shifted to the track. The 50 yard dash was the team's one consolation as Co-captain Larry Kelly '70 and Eric Hoffman '71 finished one-two; Kelly clocked 5.7. Eric Darling '70 was the early leader

in the mile. After five laps BC's John Iles and Jiz Zabel took over the pace, finishing in 4:28.9 and 4:36.0 respectively. In the final quarter Bobby Myers '72 overtook Darling to place third at 4:40.

Albert Lau was third in the 45 yard high hurdles. The resilient John Owens '70 was back in form as he won his heat of the 600 yard run without competition. Nonetheless, Murray of BC won the race in the second heat with a time of 1:16.5 to Owens' 1:19.3. Rich Goldhor '72, captain of next year's cross country team, took a third in the two mile in 10:15. Chip Kimball '72 was a tenth of a second away from second place in the 1000 year run as his home stretch kick fell short. The efforts of the mile relay team of Lau, Hoffman, Owens and Kelly were also in vain.

### Frosh win; Wilson sets record

In the freshman action, first place finishes by Eliot Borden in the 50, Bob Tronnier in the 45 yard hurdles, Greg Myers in the 1000, John Kaufman in the two mile. Walt Gibbons in the high jump. Scott Peck in the broad jump, and the relay team of Dave Halpern, Tronnier, Bill Leimkuhler and Borden lead the Engineers to a comfortable 61-42 victory over their rivals. Other noteworthy performances were turned in by Brian Moore and Steve Bielagus, who placed second and third in the 35lb. weight toss. Moore was second in the shot put with a 44' 1/2" throw. Kaufman also took second in the mile.

The highlight of the entire meet came late in the evening when frosh vaulter Dave Wilson soared over the bar at 13'5 1/2" to establish a new freshman record his first time in collegiate competition.

# Another Wilson key to hoop season

By Jay Zager

Back in the days when MIT won nineteen of twenty-three basketball games, it had this guy named Wilson who used his powerful six foot six, 230-pound frame to pace the Engineers in both scoring and rebounding. When he graduated (in June

1967), Coach Jack Barry smiled meekly and wondered where he could find another Wilson. Well wonders never cease and when MIT opens its 1969-1970 basketball season this week, the starting center will stand six foot six, weigh 230 pounds, and will answer to the name Wilson.

Alex's little brother Ben has arrived, and on his shoulders rest the hopes of this year's edition of the varsity five. Ben paced last year's unimpressive freshman team with a 14.8 average and an 11.9 rebounding average, but his tendency to commit personal fouls cut into his playing time considerably. This year Coach Barry, assisted by Fran O'Brien and Dave Janssen, has worked with Wilson in an effort to improve his defensive game.

Should Wilson fail Barry will call on 6-10 Dave Miller, who has shown enough promise during the training season to seriously challenge Wilson for a starting role. It is not inconceivable for MIT to play both men at the same time, should the proper situation arise.

Last year a guy named Harold Brown studied at the University of Missouri at Roloa. He wondered if his transfer application to MIT would be accepted. It was, and the

six-foot three inch sophomore is currently a starting forward for this year's varsity. At the other forward post is Rich Lefebvre one of the eight returning lettermen on Tech's eighteen man squad. Rich was a starter on last year's 6-15 team, and he averaged 7.4 points and three rebounds per game.

The story of last year's team was an undersized guard named Minot Cleveland. He led the Engineers in seven offensive departments while setting an all-time MIT free throw mark of .880. Minot's back this year and will be joined in the backcourt by his roommate and this year's captain Bruce Wheeler. Wheeler, a starter two years ago, spent last year at Princeton.

It looks as though Coach Barry will finally understand the meaning of the word "depth", as this year's squad has talent on the bench. Working almost interchangeably with Wheeler and Cleveland will be Steve Chamberlain and Jimmy Shields.

### ON DECK

- Friday Basketball(V)-Brooklyn C, here 8:15 pm
- Squash(V)-Dartmouth, here, 7 pm
- Rifle(V)-BU, away, 10 am
- Saturday Fencing(V)-Brandeis, here, 2 pm
- Gymnastics(V)-Dartmouth, here 2 pm
- Hockey(V)-Trinity, away, 8 pm
- Pistol(V)-Air Force, Merchant Marine, Boston State, here, 10 am
- Rifle(V)-WPI, here, 10 am
- Squash(V)-Adelphi, here, 2 pm
- Track(V)-Bates, away, 1:30 pm
- Swimming(V)-RPI, here, 2 pm
- Friday and Saturday Wrestling(V)-Coast Guard Invitational, away, 11 am

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Friday, December 5, 1969

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