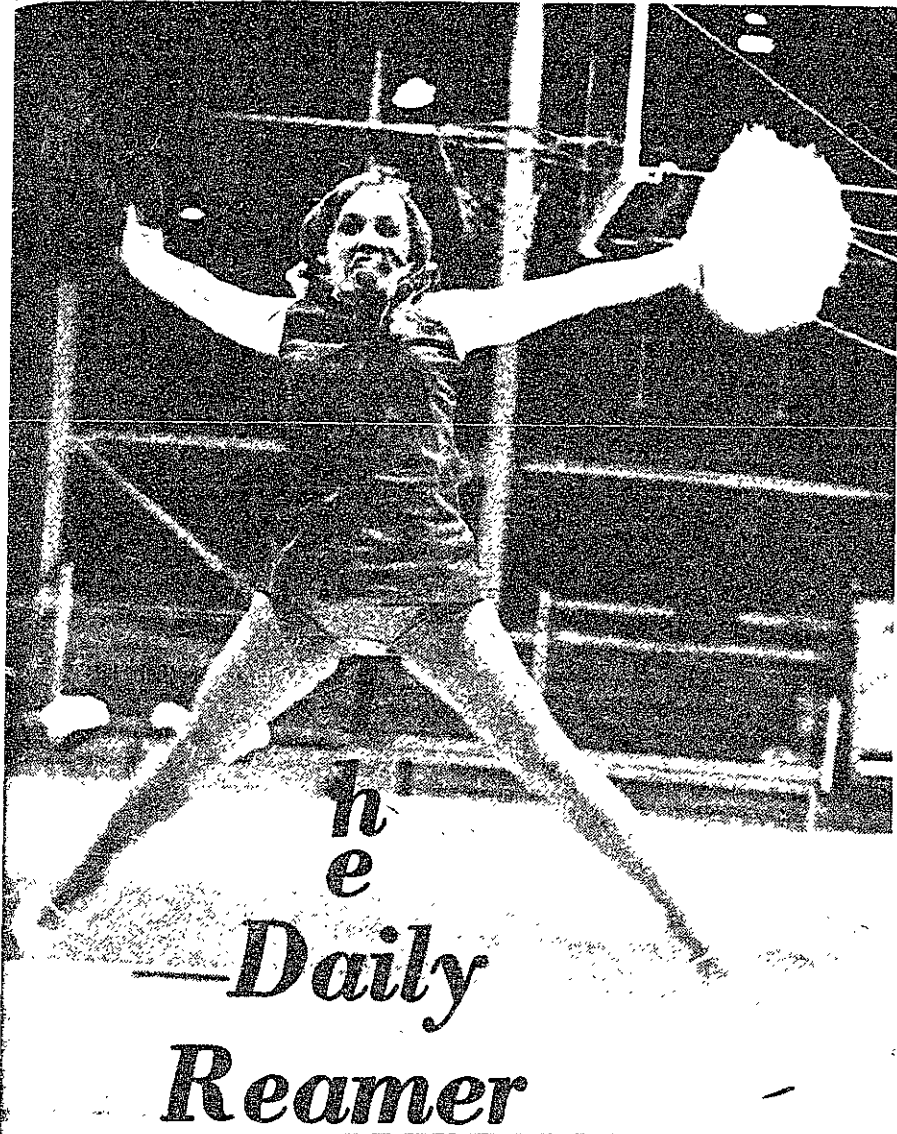


BSA seizes Comp Center in Protest



The
Daily
Reamer

69, No. 25 Tuesday, January 21, 1969 5(1) cents

Oppose MIT's role in War, Commons, OS

By Spiro, who else?

Members of the MIT BSA today took over the Computation Center (building 39) in protest against the "Tute's participation in the 'Racist War in Southeast Asia,' its lack of active programs for Black capitalists in Roxbury, Commons meals, and 'other nasty things.'"

The move came early Sunday morning when the building was unoccupied by anyone except two sleepy operators, a half-a-dozen tools finishing projects, and three very expensive computers. According to informed sources (who were up at whatever un-Godly hour this happened) some thirty-five members of the MIT BS Association entered the building, and went to the third floor machine room.

Machines go down

There, after they drove the operators from the room, they threatened the machines with disconnection. The IBM 369 SAP processor replied, "I realize I've been making some rather poor decisions lately, but I'm all right now," and went down voluntarily. CTSS was down when the building was taken, so three members of the BSA read

a burial service over the CPU.

To confuse the Campus Patrolmen now arriving, leaders of the BSA ordered that all the tools in the keypunch room be driven out the front entrance. Rounding these people up occupied a good hour, as even sedentary 20 year old tools run faster than 60 year-old cops.

On the air

The student leaders of the BSA

now got around to making their demands. After a few false starts, they finally managed to break into the Joe Pine radio show (which is pretty good, since it is taped), and read their demands over the air. A first-order approximation to these is reprinted here. It is impossible to do better, because they have never been written down the same way twice, and the man who read them

(Please turn to Page 9)

Text of BSA demands

(Ed. Note: Reprinted below, verbatim, is the text of a statement which appeared on every CTSS console in New England yesterday afternoon.)

"We the members of the MITBSA have occupied the MIT Computation Center in protest over the Administration's failure to meet the demands listed below. We shall not vacate this facility until the demands are met.

(1) We demand that the Institute forever cease its complicity with the racist war in Asia. For this purpose we demand that the Instrumentation Laboratories and Lincoln Laboratories immediately make public all their activities. Any of these activities which is judged by a representative group of radical students to be unsuitable is to be immediately ended. We retain for ourselves the privilege of choosing the aforementioned group of radical students.

(2) We demand that the Institute do everything in its power to support the cause of racial equality. The Slum School of Management must open its doors to special seminars for Black merchants, and the Institute must revise its investment policy to aid Black industry.

(3) While we are cloistered in this building working for the good of humanity, the Institute is morally obligated to provide us with adequate comforts. We demand food (not commons), comfortable bedding, and an adequate supply of punch cards.

"When the Institute agrees to our demands, these comforts must continue for us and for all students. We demand, therefore, a permanent end to commons and to Stuffers, which administers commons. And last but not least, we demand that all our number (and any others who support us) be granted complete and permanent amnesty.

"This list of demands is not to be construed as final. When any new nasty activity of the Institute comes to our attention, it will of course be added to the list. Moreover, minor shifts in power within our group might result in revised demands and conditions.

"This console will self-destruct in ten seconds. Stand back."

\$3 million suit against MIT charges racial discrimination

By Lois Lane

The Institute will be the defendant in a \$3 million lawsuit charging racial discrimination, it was announced today in Flatbush, Iowa.

Attorneys for Mr. Sydney C. Cornpone yesterday filed in the US District Court in Boston for "grievous damages resulting from MIT's discriminatory rejection of Mr. Cornpone." The claimant's case, it was said, will be largely based on the Civil Rights Law of 1964. It is Cornpone's claim that the Institute violated that law by giving "unfair priority" to black applicants for admission.

An attorney for the Institute who asked not to be identified noted that the Institute's defense will be based in the "spirit" of the Civil Rights Law, rather than in the "letter."

The Institute's policy is to give somewhat lenient consideration to the qualifications of a ghetto youngster to counterbalance the ill effects of his underprivileged background. The Institute cites studies which show that a white suburban youngster and a black ghetto youngster with comparable ability tend to compare unfavorably on test scores.

Why \$3 million

Asked for his explanation of the sum for which he is suing, Mr. Cornpone's attorney said that the sum of \$3 million is his estimate of what it will

cost Cornpone not to have an MIT degree. He said that Cornpone would make \$3 million more during his lifetime if he had a degree from MIT instead of one from Flatbush Community College, which he is now attending.

Cornpone's attorney furthermore said that MIT would make a better "springboard" to Harvard Business School than would FCC. Additional losses to be expected from a possible rejection by Harvard Business School are not involved in the suit, giving the Institute "the benefit of the doubt," as the attorney put it.

In an exclusive interview with *The Daily Reamer*, Prof. Percival Q. Primrose of the Harvard Law School noted that this promises to be a very significant case.

"As far as law is concerned," said Prof. Primrose, "particularly with re-

(Please turn to Page 3)

Sit-in at Inscomm meeting sparks faculty power drive

By Studleigh

Tension mounted at the Institute today as faculty members sat in at an Inscomm meeting to protest the growing trend toward student power and try to discover how the decision making process works in the student body.

It appeared to most observers that the faculty members participating in the action were for the most part "radicals" who for some reason are concerned about their students.

Reaction among student politicians was mixed. Stevie Errmann, the Institute's only candidate for an office that doesn't exist, declined comment but he could figure out what sort of answer would most enhance his political future. UAP Maria Kiddyild was taken aback by the intrusion and requested assistance concerning the proper parliamentary procedure for voting from Jim Trueheart. Peter Q. Fearless, noted activist for faculty rights, suggested that the uninvited guests be seated. More conservative student politicians objected, on the grounds that "only the radicals would come" if faculty members were admitted to student meetings. Another student politician objected that the presence of faculty at the meetings would force him to "change his style."

In response to this provocation, the student government reacted quickly and decisively, setting up a Committee of Chairmen of Committees of Committee Chairmen (CCCCC) to determine what action should be taken. The group will meet in two months, assuming that all the appropriate members of the student government can be contacted by that time.

Dean K. Waddy, noted activist, said that if the students did not take action to assure the faculty their inalienable, sacred, God-given rights to participate in the student decision making process, all necessary action would be taken" to assure that these sacred rights were

observed. Waddy noted that this was not a threat, however.

One group of students appeared to be drafting a compromise resolution which might prove to be a satisfactory solution to this problem. This resolution, known to students as the "James Crow plan" would admit selected faculty members to student meetings, provided that they are screened by the CCCCC. It has not yet been revealed what the screening process will entail, but it is believed that all applicants will undergo a security check to ensure that they have not done any work for the Department of Defense within the last year. It is believed that this requirement alone will eliminate approximately 95% of the faculty from consideration.

Those who pass the stringent requirements will be seated in a special section surrounded by a bulletproof,

soundproof screen to prevent any association between students and faculty. It is believed that due to the possible presence of faculty at student government meetings the process of deciding such vital issues as the ratification of activities charters may now be done outside of the regular meetings. Discussion of other topics such as the student poll on Vietnam and the future of Field Day may also be deleted from the agenda, leaving student government with nothing to do.

In response to the immense community interest in this issue, it has been decided that there will be a series of open forums to discuss the problem in the hope that it will keep the faculty happy for awhile. "Actually," said the UAP, "student meetings are so boring I don't know why the faculty would want to come anyway."



Photo by Simple Simon

Faculty members are shown here in a protest at the last Inscomm meeting. It is not known whether Inscomm plans disciplinary action though rumors abound.

Joint Center goes to pot

By Ivan Jergan

In light of the severe marijuana problems at the two eminent Cambridge institutions, Harvard and MIT have announced the formation of a new Urban Center for Joint Studies.

The Head of the Center will be Robert Woodpecker, who has just returned from Washington after serving in the President's Cabinet. Dr. Woodpecker recalls his main impression of cabinet meetings: "When LBJ said he wanted to get to the grass roots, he didn't mean people."

Dr. Woodpecker, in describing the

research plans of the Center, said that the opportunities for advancement among the staff will be great. "It is hoped that those involved will be able to get as high as possible as soon as possible."

Dr. Woodpecker said that one of the major areas of research will be the relation between marijuana and more dangerous hallucigenic drugs like LSD. He pointed to the despondent figure of Walt Rosco beside him and described him as an example of one who had gone too far and reached the point of no return. Dr. Woodpecker consoled

poor Rosco, "Walt, you should have quit when your were a head."

Honorary Heads

Among the associates of this new Center are: Robert Simhaha, who will also maintain his role as MIT Planning Officer. He announced, "I plan to check out new sites for girl's dormitories... as soon as I check out the 500 new girl applicants."

Antony Hairy, who as MIT Real Estate Officer, is the author of "The Essence of Office Security—or—Keep That Damn Reporter from the *Daily Reamer* Out of Here."

You find this one

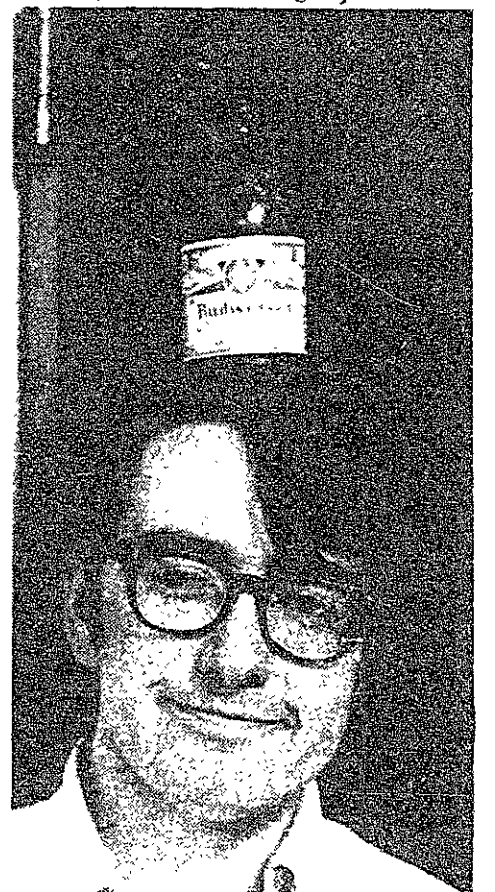


Photo by Kooth

The Chairman of the Board and Editor of *The Daily Reamer* were stabbed late Sunday night as the three other members of the staff attempted to apprehend several drunks who had been wandering around Room W20-485 trying to operate the paper's production equipment. Those stabbed are apparently in useful condition. Further details of possible theft and investigation were not available to *The Daily Reamer* at press time.

Dear Mr. Doan:

I question whether a business career will allow me to attain what I would consider a proper balance among all aspects of my life. Is business today so demanding that one would have time for little else? A job is a major part of life but not the whole of it. Raising a family is a very important part of most people's future plans. Therefore, of prime concern would be the possible adverse effects a career in business might have on an individual's family obligations.

Are basic family ties weakened as a result of a preoccupation with business? With respect to family ties, Dr. Feinberg in the January 1968 *Dun's Review* says, "In the family of the typical business executive there is very little knitting together of diverse environments." It would appear that an executive cannot adequately fulfill his role as a husband and father. The family unit is subordinated to his job. A preoccupation with business can mean more than just a lack of time to spend with one's family. In the same article, Dr. Feinberg says, "Many youngsters feel that their fathers know the price of everything and the value of nothing." There appears to be the tendency to emphasize the economic side of life and to ignore the equally important personal side.

My question is whether being a good husband and father will necessarily conflict with being a good businessman. Draw on your own personal experience, Mr. Doan. Can you honestly say that en route to becoming a successful businessman, you were an equally successful husband and father? Need these roles be contradictory? If not, how did you resolve the conflict?

Sincerely,

David M. Butler

David M. Butler
Electrical Engineering,
Michigan State



David M. Butler, Michigan State

Dear Mr. Butler:

You ask about conflict between the time demands of a job in industry and the time we need for our family life.

Well, first of all, I'm not sure there's any real difference between this problem as it occurs in business and as it occurs in any other occupation; the same problem occurs in education, in government, or in the ministry. In any field—and this is the basic problem—the more responsibility you assume the less time you'll have for your family.

In many cases this factor has a built-in balance: the heaviest responsibility usually comes to us at an age when our children have grown up, so that in an idealized sense there may be no problem at all.

My own view is that you can have both a satisfying career and a good family life, but I recognize that for the young business executive this is a very real problem, and one that requires some choices to be made—consciously or unconsciously.

You are perfectly right that you cannot carry a very large business or educational or governmental responsibility and also have an ideal family life—particularly from the standpoint of time. Perhaps the saving grace of this dilemma is that each of us can make our choice as to what we want.

When Dr. Feinberg says that many parents "know the price of everything and the value of nothing" he is right, but I'm sure this phenomenon is not exclusive to businessmen. It is more a condemnation of individuals than it is of the business system. There are great numbers of businessmen who have excellent value systems, and in many cases these are based on a self-acquired liberal education. The man who knows the value of all things (and the price of nothing) is invariably of more value to the business system, just as he is a more valuable man to education or to the government.

On the personal side, to some extent I am a victim of the problem you pose. Having raised a family in an imperfect and, I suppose, shorthanded (in the sense of lack of time) way, I can readily agree that there are conflicts. But, having raised a family, I'm convinced as well that no one has an idea how this really *should* be done. It may well be that more time would not have solved problems that were personal short-comings in the first place.

In any event, the central point is that we are free people with free wills. If you want to work a 40-hour or a 30-hour week so that you can spend more time with your family, that is a noble goal and one you can probably achieve—if your goal is not to assume a large amount of responsibility in your chosen field.

Your question is not related solely to business, but to any occupation; and if you are wise enough you can figure out your own best balance in this matter. But I think it should be perfectly apparent to you that not many people are this wise, and that this balance—like many of the elements of Utopia—is not really attainable.

To summarize: if you want to achieve the maximum success in any field you had better be prepared to work long, hard, dedicated hours. This kind of advice admits a heavy imbalance in the way you spend your time, as I am quite aware, but the choice is yours.

Sincerely,

H. D. Doan

H. D. Doan, President,
The Dow Chemical Company

Mr. Doan:

Is the top of the corporate ladder worth the pressure?

WHO CARES ABOUT STUDENT OPINION? BUSINESSMEN DO.



Three chief executive officers—The Goodyear Tire & Rubber Company's Chairman, Russell DeYoung, The Dow Chemical Company's President, H. D. Doan, and Motorola's Chairman, Robert W. Galvin—are responding to serious questions and viewpoints posed by students about business and its role in our changing society . . . and from their perspective

as heads of major corporations are exchanging views through means of a campus/corporate Dialogue Program on specific issues raised by leading student spokesmen.

Here, David M. Butler, completing his studies in Electrical Engineering at Michigan State, is questioning Mr. Doan. A member of the Dean's Advisory Committee, Mr. Butler also participates actively in professional engineering organizations on campus;

anticipates graduate studies before developing his career.

In the course of the entire Dialogue Program, Stan Chess, Journalism major at Cornell, also will probe issues with Mr. Doan; as will Mark Bookspan, a Chemistry major at Ohio State, and David G. Clark, in graduate studies at Stanford, with Mr. DeYoung; and similarly, Arthur M. Klebanoff, in Liberal Arts at Yale, and Arnold Shelby, Latin American Studies at Tulane, with Mr. Galvin.

All of these Dialogues will appear in this publication, and other campus newspapers across the country, throughout this academic year. Campus comments are invited, and should be forwarded to Mr. DeYoung, Goodyear, Akron, Ohio; Mr. Doan, Dow Chemical, Midland, Michigan; or Mr. Galvin, Motorola, Franklin Park, Illinois, as appropriate.

All this stuff is for real!

Computer all wet

Nairobi.

The City Treasury's new computer got water in the brain.

It sent out a monthly water bill for 450 Kenya Pounds to one shocked Nairobi householder. Another was told he had used 9,999,000 gallons of water during February and owed the city treasury 1,700 Kenya pounds.

When they made enquiries they were told that the new computer had gone haywire and that they did not owe more than two pounds each.

The City Treasury Department said it had a flood of complaints to sort out this month. Officials added that inexperienced staff had also contributed to the muddle. They had been hired to replace Asian employees who joined the exodus from Kenya during the first two months of this year. —(PTC-Reuter).

Work? Bordello, Italy

Police are facing an acute shortage

of decoys whose services are required to conduct raids on brothels in the City. They are prepared to offer handsome cash awards for those who are prepared to volunteer their services.

Cops in service are reluctant to undertake such jobs due to domestic objections.

Crabby Old Man

Crabs that escaped from a bag belonging to an old man in a compartment of a moving train caused a stir among passengers.

The old man had boarded the Colombo-bound train at Knadana with a bag of crabs. A while later some crabs crept out of the bag and began to crawl about. Some clung on to passengers' clothes. There was confusion in the compartment and women passengers stood on the seats and shrieked. The old man quietly picked up the crabs and put them back in the bag and got off at the next station.

'grievous damages'

Lawsuits will not affect MIT

(Continued from Page 1)

spect to the lawyer or member of the law profession, one can safely say that there is a great deal of law involved in this case."

Miss Fonda Dix, personal secretary to Prof. Primrose, clarified the Professor's comments: "I don't think he's familiar with the case."

No immediate effect

Prof. Reeley of the MIT admissions office said that Mr. Cornpone's suit will have no immediate effects on MIT's admissions policies. "If, three years from now, the Supreme Court should rule against the Institute, we will be forced to change our policies. But for the present, we will continue with our policy of 'modified non-discrimination.'"

Although Prof. Reeley refused to discuss Mr. Cornpone's qualifications for admission to MIT, he did note that

Mr. Cornpone is a "reactionary son of a b---h."

The self-styled "boy wonder of Flatbush County," Mr. Cornpone said at a news conference yesterday that after he received his rejection notice from MIT he felt as if he had been "hog-tied and left in a silo for three weeks." Further questioning revealed that Mr. Cornpone meant that he had been disappointed.

Cornpone's father, Mr. J. Arthur Cornpone, added that his son had always displayed an unusual degree of intelligence. "He wasn't knee-high to a grasshopper but when he wuz a-blowin' fuses on th' electric cowfence. Me an' th' missus figgered then an' thur that he had oughter be wun o' them eenge-nurs."

It was also noted that Mr. Cornpone had been fifth in his class at the Flatbush High School, and had excelled in numerous "4-H" projects.

A traveling vacuum-cleaner salesman, when calling upon the Cornpone residence, had suggested MIT when he learned of Mr. Cornpone's interest in

an engineering education. Cornpone had not previously heard of any colleges or universities other than Flatbush Community College and Iowa State University.

Agricultural Career

After completing his one-year course of studies at the Flatbush Community College this June, Mr. Cornpone plans to pursue a career in agriculture.

Mr. Cornpone is philosophical about the reasons for his lawsuit against the Institute. "It won't do me much good, 'ceptin' fer a few million dollars, but mabe it'll help sum uther deservin' white boys like myself. Can't have no colleges go 'round discriminatin' agin white folks, or least that's whut th' lawyer say."

Cornpone was referring to his attorney, Mr. Abram S. Shylock of Chicago, who had offered to represent Mr. Cornpone's interests. Mr. Shylock had first heard of Cornpone's plight when scouring the pages of the Flatbush County Chronicle, Cornpone's home-town newspaper.

We'd like to make you a star.

The new 1969 Schaefer Talent Hunt is hunting for you!

Last year, the Schaefer Talent Hunt discovered ten talented new groups and soloists. And gave them a chance to be heard on radio all over the East—singing the popular Schaefer Beer Jingle. With as much public exposure as they'd have received from a hit record!

And it paid off. With recording contracts. Club dates. Personal appearances. And—for one of the winning groups—TV exposure in an upcoming Schaefer Beer commercial.

Now the new 1969 Schaefer Talent Hunt is hunting for another ten new groups and soloists to record the Schaefer Jingle. And receive the same kind of public exposure.

One of them could be you!

Who can apply? Any vocal or instrumental soloist or group. Anybody who sings or plays any kind of music—whether it's Rock, Pop, Folk, Soul, Jazz, or Country and Western.

You must be at least 21 and must submit a demonstration record or tape (on a reel) of your own choosing. You must provide all the information requested on the application, although you need not use the form itself.

Application materials are not returnable and must be received no later than February 10, 1969—so don't delay!

SCHAEFER TALENT HUNT APPLICATION FORM

Mail to: The Schaefer Talent Hunt, Dept. Z
P.O. Box 5467, Grand Central Station, New York, N.Y. 10017

Name _____ Age _____

Address _____

City _____ State _____ Zip _____

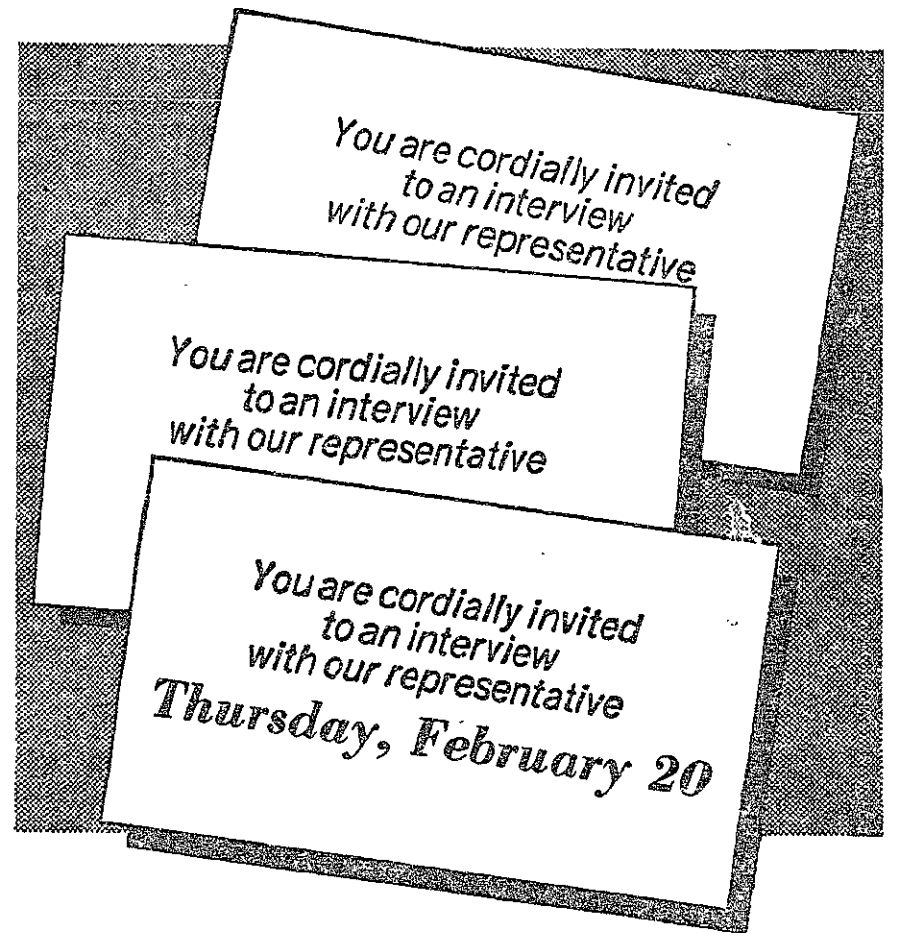
Performing Experience _____

Applicants must be at least 21 years of age and must provide all information requested on this form, plus a demonstration tape or record of their own choosing. (Application materials are not returnable.) Applications must be received no later than Feb. 10, 1969. Not eligible to apply: Alcoholic Beverage Licensees and their employees, employees of The F&M Schaefer Brewing Co. or any of its subsidiary companies or its advertising agency, and the immediate families of any of these persons.



Schaefer Breweries, New York and Albany, N.Y., Baltimore, Md.

ENGINEERS & SCIENTISTS



This is a copy of a copy of an invitation to interview a company you may not know well enough.

Making copies is only part of the story.

You can get the other part straight from the source. Talk to our representative and ask him about R&D looking ahead to major advances in education... in areas like color xerography and 3-D imaging... about refinements in combined xerography and EDP systems to process and graphically reproduce any theory or fact available... at any distance.

Ask anything imaginable and you'll discover you're probing a company that's involved with every phase of the information and education explosion.

We place great emphasis on individual initiative. Additional schooling aimed at advanced degrees. Brainstorming. A variety of short-term project groups. And benefits. In short, your career, not simply a job for you to fill.

So while you're looking us over for career opportunities, we'll be looking you over for career potential. Fair enough?

Why not make an appointment with your Placement Director. A half hour of your time could be the start of a great future in fundamental and applied research, developmental and manufacturing engineering, or programming.

XEROX

An Equal Opportunity Employer (m/f)

XEROX IS A REGISTERED TRADEMARK OF XEROX CORPORATION, ROCHESTER, NEW YORK

Big Dick finally in

by Bull Smith

WASHINGTON, January 20 — The inauguration of President Richard Milhous Nixon came off today with only a few minor hitches. The most prominent of these, of course, was the total lack of any demonstrative activity. According to Tom Hayden, director of the proposed demonstrations, the reasons for this were that the students had been warned to "stay off the streets, or you'll get your first taste of the new president's version of law and order."

This threat, however, did not deter another group, the Students for Violent Non-Action, whose "Flush for Freedom" came off with amazing accuracy. For those who don't remember my column of April 23, where I predicted something like this, the movement (sic) was to have persuaded every person in the country concerned about the Nixon election to flush his toilet at the exact moment that Nixon ended his inaugural oath. That meant that on the word "God" in the phrase "... so help me God", the listener would flush.

The effects of this are well-known by now. In some cities water pressure dropped to all-time low levels, surpassing even the records established before the installation of city water systems.

When contacted for comment, President Nixon called on his White House science advisor for advice, only to be informed that the low pressures were undoubtedly the result of extremely high tides in the Bay of Fundy, coupled with the ascendancy of Taurus.

Local analysts were at a loss to interpret this statement, but commented that it was typical of what they "had to put up with during the campaign." If this trend is continued, the credibility gap may turn into something much more significant, such as a language barrier.

On other fronts, the inaugural balls were the most formal held in recent years. The above-mentioned commentators were relieved to note this, it being their first correct prediction of the last nine months. According to usually informed sources, the decorations included a red ribbon.

which was something which has not been seen since the inauguration of Warren G. Harding.

The formality of the proceedings, however, was exceeded by the amount of political back-slapping and -stabbing which went on there. Politicking included attempts for the job of summer intern with Congress, gone after by a noted *The Daily Reamer* politician. Other attempts included the normal amount of running which goes on at such affairs. Notable among the participants were the daughter of a state committeewoman and the President's daughter, Richa, who commented at the height of the festivities, "I do think politics is damn interesting. All you have to do if you're female is..." At that point, however, she was interrupted by her mother who told her to go to her room for an hour and sober up.

In other activities of the day, Vice-President Spiro "Household Word" Agnew enlivened one party by referring to the British Ambassador as a "limey bastard", then being challenged to a duel in the time-honored tradition. Fortunately, the Washington police intervened before Mr. Agnew, who had

never held a dueling sword in his life, could be seriously injured. He is reported to be in the hospital in satisfactory condition.

Julie and David Eisenhower also added their normal sparkle to the evening by announcing Julie's pregnancy. No immediate comment was forthcoming from the President, who is reported to be sharing a room with his second in command and recovering from shock nicely. The couple also stated, in response to a question from the press gallery, which was located four floors above the main ballroom, that they felt the hippie movement was "Revoltin'", and that anyone who could even consider demonstrating against the President should be "locked in a dungeon and forgotten about." When asked about his forthcoming book, "A Model for Youth", David responded that the basic tenet of the work would be that children should be seen and not heard — up to the age of thirty.

The evening concluded on a highly successful note when a guest accidentally stepped on the train of Mrs. Nixon's gown, revealing her propensity for black lace.

Brown & Murphy elevator consultants

Specializing in
elevator systems analysis
and software design.

represented in Boston by: **duPont Associates**
Consulting Engineers
81 Putnam Ave.
Cambridge, Mass.

Space for this ad donated by the nice Reamer staff

SEX:

For the best in sex -
call John MIT x4888

SUN., FEB. 9-2 SHOWS - 6 P.M. & 9 P.M.

WMEX PRESENTS

JANIS JOPLIN
COLUMBIA RECORDING ARTIST
EXTRA ATTRACTION
WINTER
FEATURING
JOHNNY WINTER



MUSIC HALL, BOSTON, MASS.

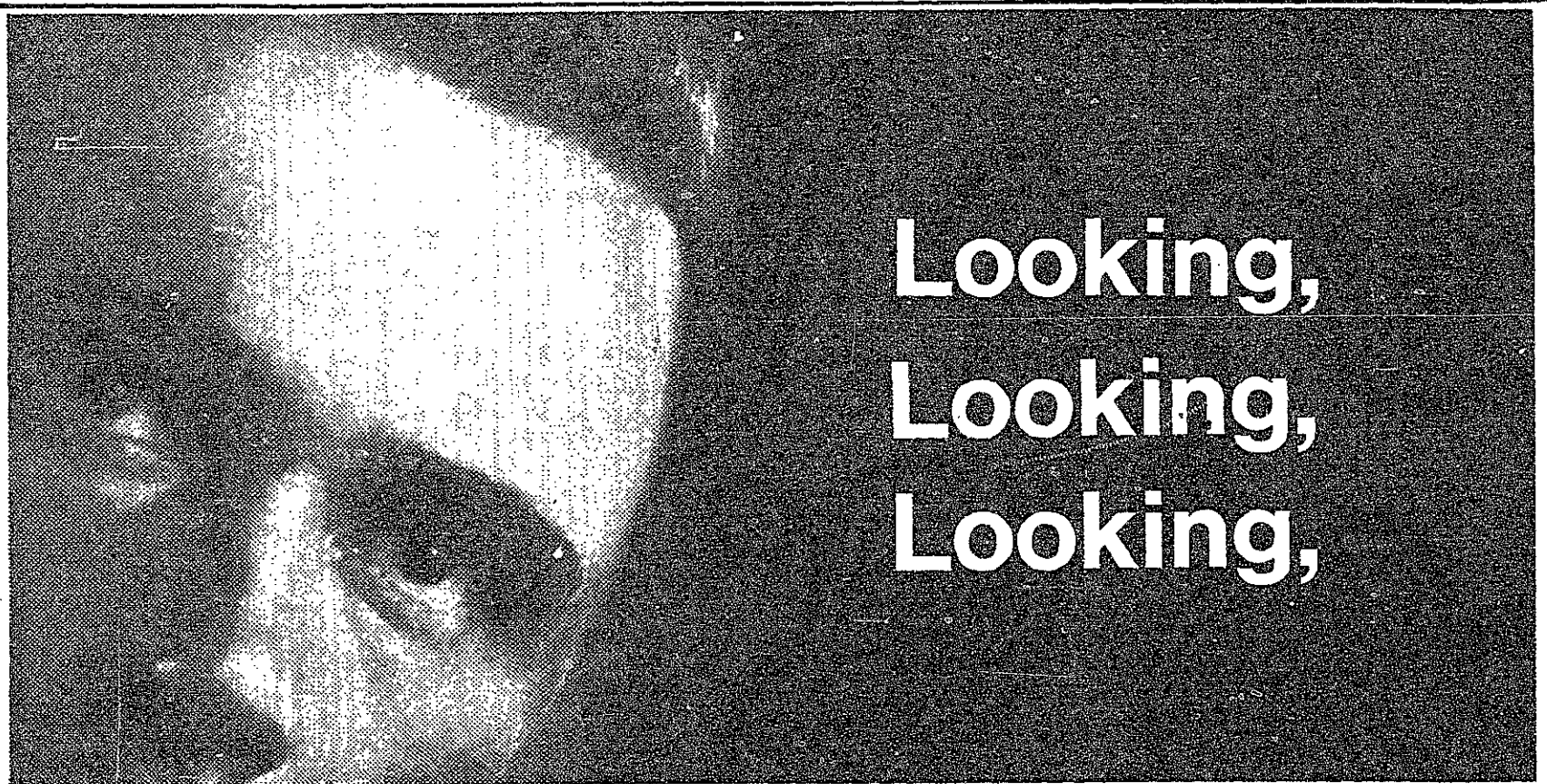
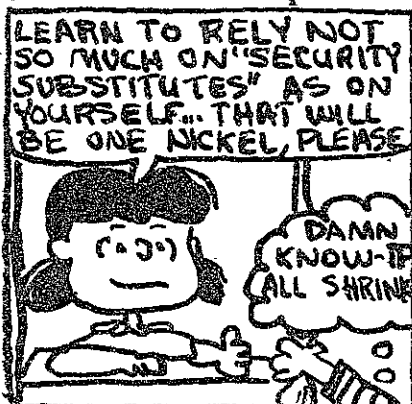
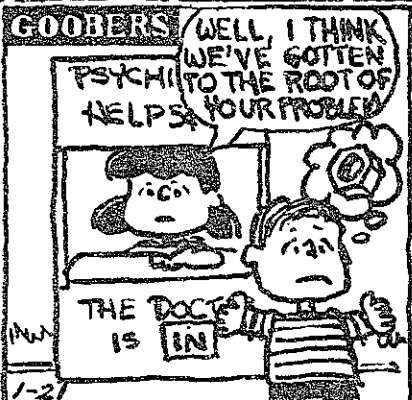
TICKETS: \$4.00 \$5.00 \$6.00

TICKETS AVAILABLE NOW AT: HUB; TYSON; OUT-OF-TOWN (CAMBRIDGE).

MAIL ORDERS AVAILABLE NOW!

MAIL CHECK OR MONEY ORDER TO:
MUSIC HALL, 268 TREMONT ST., BOSTON, MASS.

TICKETS GO ON SALE AT MUSIC HALL BOX OFFICE JAN. 27.
FOR INFO. CALL: (617) 423-3300



Looking, Looking, Looking,

for action in your career?

Look to Bendix. You'll find an excitement that's unique to our pursuit of technical firsts.

Bendix offers you diversified scientific and engineering opportunities—careers in research and application engineering, data processing and business administration.

You'll become a creative problem-solver serving the aviation, automation, oceanics, aerospace, automotive and electronics industries. You'll help create, develop and

produce new systems, new products, new techniques.

You'll also meet up with a lot of fresh ideas—a continual "cross-pollination" of technologies between Bendix groups.

And whichever Bendix division or subsidiary you choose, you'll find it offers small-company concern and personal recognition. As well as the chance to continue your education.

You'll also enjoy the security of a diverse

billion-dollar corporation whose sales have doubled since 1959. A healthy balance of commercial and defense business. And a research and development program that assures continued growth. Ours and yours.

Stop in at your placement office to sign up for a Bendix interview and get a copy of *Bendix Career Opportunities*, our directory of current openings. An equal opportunity employer.

Campus Interviews February 12



Where ideas unlock the future

The Daily Reamer

Vol. LXIX, No. 25

January 21, 1969

BORED OF DIRECTORS

Chairman this space for rent
 Editor Lecher '69
 Mangling Editors Mother '70, K-K-K-Karen '70
 Business Mangler Slick Steve '70
 Reproduction Manager Mickey Mouse '69
 News Editors Spiro & Studleigh in '72
 Spurts Editor George "Sweaty SAE" Jock '70
 Entertainer Pretty Randy for WW69 queen
 Pornography Editor Big George '69
 Advertising Editor Dave "Filler-up" DimWitte '69
 Nymph Memphis Slim '72

The Daily Reamer (and Sunday Grossout) is published daily through the help of Ex-Lax and the Will of God. Lowest postage possible is paid as infrequently as possible. The publication is distributed by carrier pigeon during warm weather and seal during cold. Repent ye sinners and purchase a subscription. The price of salvation is \$69.69 (cheep-cheep) for one year or \$4.25 for the rag and *The Teck*. The number to call here in hell to vote for your favorite sin is UN4-6900, ext. 6776. Amen.

Front page wench by Gary DB.

A plan for action

The time has come for the Institute to become more humane and liberal in its treatment of all those poor, misunderstood, downtrodden students who are just plain lazy. We must go beyond merely eliminating all science requirements and improving the advisory system; after all, for \$2400, a student has the right to expect to have someone who will do his problem sets for him.

Majors which do not require the student to major in anything are a good step, of course, but the ultimate goal in liberal education should be a curriculum which doesn't require a student to do anything. This is, of course, an ideal complement to the foxhole theory or the Jekyll-Hyde experience, whichever one it is. Columnists like James Reston should check up on such things before putting them in the national rumor mill.

This, of course, brings us to the central problem which faces the Institute today. That is to say, we must move ahead and adopt new plans, reform the curriculum at all costs and attend faculty meetings, have sanctuaries, protest the draft and the war, have more student input on the decision-making process, be more aware and non-apatetic, and everything else too.

CENTRAL WAR SURPLUS

433 MASSACHUSETTS AVE. TR6-8512

CENTRAL SQUARE CAMBRIDGE

LEVIS, LEES, & WRANGLERS

BOOTS & TYROLEANS

SPECIALS !!

BELL BOTTOM JEANS 4.98

TURTLENECK JERSEYS 2.98

US Army Field Jackets 5.98

USN Wool Pea Coats 12.95

Turtleneck Sweaters 4.98

Navy Wool CPO Shirts 8.95

USN-type Foul-weather Jacket
warm alpaca lining 14.95

THURS. & FRI. NIGHTS 10:00 AM - 12:30 PM

A message for MBA's and other Graduate Business students from the multi-faceted STANDARD OIL COMPANY (N.J.)

WHERE YOU CAN HELP TO SHAPE A BETTER WORLD

Jersey Standard has contributed to the development of many nations by providing capital and adapting modern business techniques and organization to a great variety of cultures.

The Company's affiliates around the world have also assisted in the establishment of training centers, medical clinics and hospitals, in the provision of adequate housing and the building of roads. They have supported local cultural efforts. They are active in the field of public health. In harmony with the broad Jersey concept of corporate citizenship, affiliates are pursuing a wide variety of programs in support of education. The Esso Education Foundation has made grants of more than \$24 million to institutions of higher learning in the United States.

The contribution of Standard Oil Company (N.J.) & its affiliates thus extends far beyond the basic economic function of supplying energy from petroleum and other products essential to modern civilization.

Jersey seeks to exemplify both at home and abroad the creative social awareness expected of a modern corporation in fulfilling its multiple responsibilities to shareholders, customers, employees, government and the general public.

Isn't something like this really what you've been preparing for?

Make it a point to see the Jersey Standard representatives when they visit your campus—and talk over the various management opportunities in our world-wide family of companies.

Jersey representatives will be here on February 13, 14

STANDARD OIL COMPANY (N.J.)

and affiliates: Humble Oil & Refining Company, Enjay Chemical Company, Esso International Inc., Esso Mathematics & Systems Inc., Esso Research and Engineering Company, Esso Standard Eastern, Inc.

An Equal Opportunity Employer

Get Eaton At the COOP

Tuesday, February 11, explore an engineering career on earth's last frontier.

Talk with Newport News On-Campus Career Consultant about engineering openings at world's largest shipbuilding company—where your future is as big as today's brand new ocean.

Our backlog of orders running for years ahead means competitive starting salaries, career security, with your way up wide open. It also means scope for all your abilities. We're involved with nuclear ship propulsion and refueling, nuclear aircraft carrier and submarine building, even automation. We're a major builder of giant water power and heavy industrial equipment. We're starting to apply our nautical nuclear know-how to the fast expanding field of nuclear electrical power generation on land.

Interested in an advanced degree or research? We're next door to Virginia Associated Research Center with one of the world's largest synchrocyclotrons, offering advanced study in high energy physics. We're close to Old Dominion College and University of Virginia Extension Division, where you can get credits for a master's degree, or take courses in Microwave Theory, Solid State Electronics, Nuclear Engineering and other advanced subjects. Ask about scholarships, tuition grants, and special leaves to implement these study and research opportunities.

Ask, too, about the pleasant living and lower living costs, here in the heart of Virginia's historic seaside vacation land, with superb beaches, golf, fishing, boating, hunting.

IMMEDIATE ENGINEERING CAREER OPENINGS

Mechanical Engineers	Naval Architects
Electrical Engineers	Nuclear Engineers
Marine Engineers	Civil Engineers
Industrial Engineers	Metallurgical Engineers
Systems Analysts	

See our representative
L. A. Schwartzkopf
Tuesday, February 11

He'll be at the Placement Office to answer questions, discuss qualifications, take applications for fast action.

Newport News SHIPBUILDING AND DRY DOCK COMPANY, NEWPORT NEWS, VIRGINIA



An Equal Opportunity Employer. U.S. Citizenship Required.

kicker...

A tribute to Rickard Prior-- Better Living through Chemistry

By Cary Jerky

Once more, ace comic Rickard Prior has hit the mark, punjabbing social mores and championing the underdog. Prior pays tribute to that most noble of creatures, yet historically most underrated, the negro. In rapid succession, he brings to light important facts concerning that often ignored, yet integral part of our lives, the fart. Fearlessly defying social opinion and possible blackballing by the American Society of Underarm Deodorant Manufacturers, he discusses the sticky subject of underarm vapors at length, listing a number of medical facts recently uncovered in research at Cow Debaule concerning health hazards involved with habitual use of deodorants.

Farting

Let us return for a moment to Prior's monologue on farting. In pointing out that it's "something we all do, but it just doesn't happen very often," Prior may have established yet another milestone in the rapid development of the New Morality. The impact of his advice may lead to such events as fart-ins, and, in parallel to the discovery that certain psychedelic drugs may prolong the pleasure of the sex act, perhaps it will be discovered that certain drugs will increase the pleasure sensations of farting. This, of course, would be beneficial to the economy, as the discovery that, for example, the inhalation of the fumes of burning garbage increases the pleasure of farting (it would certainly increase the frequency thereof) would create an entirely new market for garbage. At present, the only known markets are *Mad Magazine*, *The Daily Reamer*, and the City of New York. One can easily envision squads of unemployables reaping the weekly garbage harvest, and carting it off to processing plants where it will be converted to tablet form for the consumption of fart-crazy thrill-seekers.

Son of farting

Furthermore, it is a well-known fact that farts are highly inflammable (as any East Campus chemistry major will demonstrate to you for fifty cents). Unlike propane, butane, and other household fuels, to which an odor must be added, farts are equipped with a rather noticeable built-in odor (as any East Campus resident will demonstrate to you for free). With a heavily increased incidence of intentional farting, there is a distinct possibility that the fart itself could become a commodity, to be bottled for emergency situations.

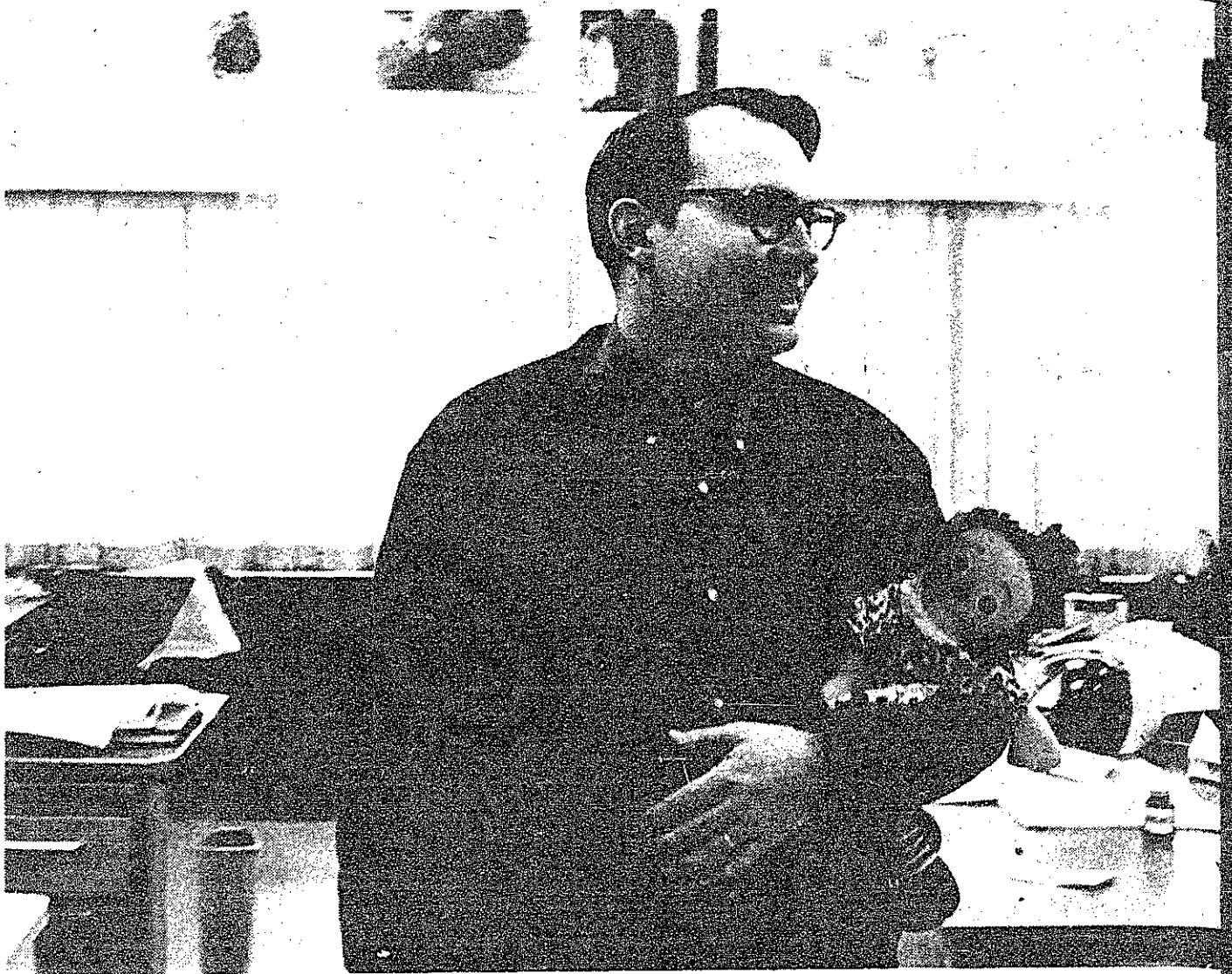
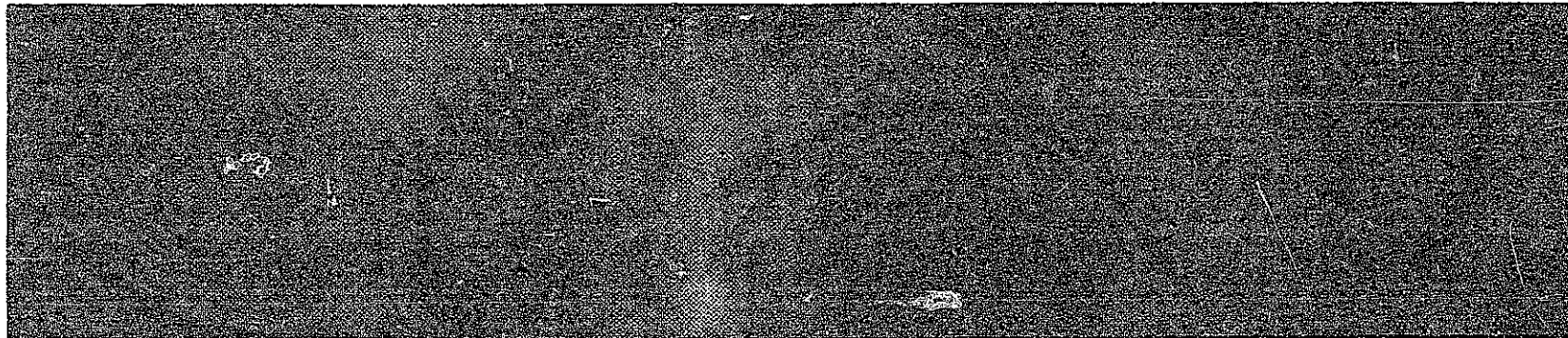


Photo by KRW, courtesy Alice

For many years, MIT has been accused of causing great pressure on the individual student. As this picture shows, the pressure also affects the administration.



I've got my interview set
between computer lab and econ
hurry up bus
I'll be late for class
wonder if Alcoa's doing anything
about traffic jams

I read somewhere they're solving
rapid transit problems
and helping explore the seas and
outer space
and working with packaging
and automotive applications
So when I go in
I'll tell it like it is—for me
and they'll tell it like it is—
for them

Straight questions—straight answers
and they won't care if the
bus is a little late

Get together with Alcoa:

February 20

An Equal Opportunity Employer
A Plans for Progress Company

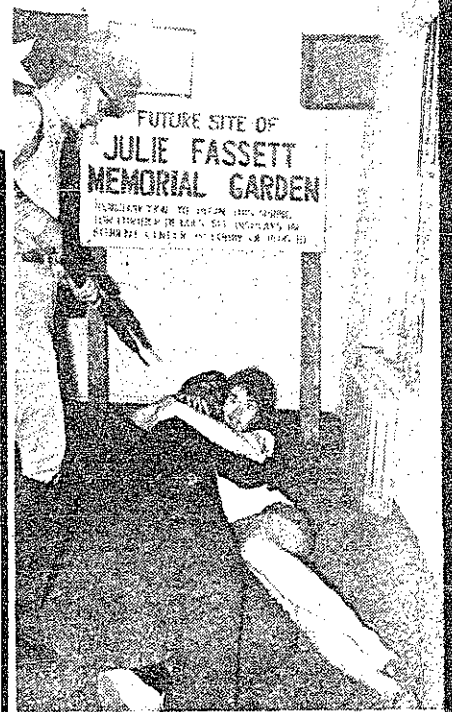


Photo courtesy Campus Pat

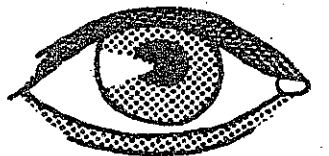
Students anticipate spring fertility rites, to the consternation of a more "straight" type.

Change for the better
with Alcoa



HEARD ABOUT OUR STUDENT DISCOUNT?

Bring along your I. D. and get a 17% discount! Bona fide college students can ski here any day for only \$5, Mon. through Fri. (except during holiday periods). Uncrowded midweek skiing gives you a lot more runs for your money.



SEE YOU SOON

Don't miss the after-ski action at the new Crazy Indian lounge in the Four-ways restaurant!

waterville valley
NEW HAMPSHIRE

blimp...

Directory shows confused image

By Clark Kent

MIT Telephone Directory, by the MIT communication Office, Published by the Massachusetts Institute of Technology, Distributed free to selected portions of the MIT community, paper-bound.

Although the latest edition of the MIT Telephone Directory tries very hard to convey the notion of a revolutionary new format, it far too often tends to reprint old mistakes.

Starting from the beginning, we note that the cover, although it is larger and of a different design, is basically the same old MITGA stock design which has graced directory covers for the past year. We might add, however, that the Communications Office has not been content with bad enough—the cover looks even worse in blue.

Our most significant complaint is with the first few pages. In past directories, the inside cover page was filled with such useful information as what to do in case of fire or building collapse, how to summon a taxi, or how to find out what the weather was two hours ago. This year the inside cover page (call it page two) is a reprint of page three, the table of contents.

Pages two and three are fine examples of how not to organize a reference book. First of all, they refer one's inquiries to other pages, designated by Roman Numerals. Unfortunately, the aforementioned Roman Numerals appear nowhere else in the directory. Furthermore, the section on "Emergency and service calls. I" does not exist in the directory at all.

MITADMIN

On the two first pages we find only one bit on information which we had not previously seen: the Institute's cable address ("MITADMIN").

The pages on "General Information," "Direct Lines to Outside Points," "Toll Calls and Other Services," and "Fraternal and Housing Groups," although they present a pleasing appearance, are almost impossible to use. It is a typical GA trick to set type in close-spaced columns of flush left, rag right sans serif lines—presumably for appearance, but actually because it's cheaper in this latest issue of the directory. First of all, rag-right is very difficult to read, and second, the alphabetization often yields importance to GA's distorted views on modern page layout.

Pop Art

Prof. Andersen should be pleased with the "pop art" which appears on the "How to Use This Directory" page. We also note in passing that Prof. Saul S. Abarbanel of Course XVI has lost his place on that page to Mr. Roshan L. Aggarwal of the National Magnet Laboratory. We have not, however, investigated the implications of this reshuffle.

The inside pages of the directory are much the same, only slightly updated. The print is slightly smaller, presumably for economy, and is set with both upper and lower case.

Although generally informative, the new directory can often tend to be somewhat obscure in its extremely terse style. For example: "ERWIN, John W ... Mass Eye & Ear Room 421 ... 523-7900 ... Elec Eng, Research Affiliate ... Baker Bridge Rd, Lincoln, 259-8517" Dare we ask, "What is a Mass Eye & Ear Room?"

The Telephone Directory knows no protocol, being an utterly democratic publication. For example we note the insertion: "JOHNSON, Howard W ... 3-208 ... 4665 ... Admin, President ... 111 Memorial Dr, Cambridge, 354-5277."

This issue of the directory clearly addresses itself to the "big users," although it obviously will be used by all (in the same way that *Playboy* tries to flatter its readers) As an example, we cite the fact that fifteen entire pages are devoted to the section on "Numbers Frequently Called." If there is anyone who manages to legitimately fill all these pages, this reviewer will publicly eat his chain-mail cape.

The most striking addition to the directory is the yellow pages section. The only real improvement in this widely-read publication, the yellow pages are reason to congratulate the Communications Office. Here are listed, in usable fashion, all the offices and services which one could otherwise have to look up in the cluttered white pages.

Like any new service, the "yellow pages" has its share of inaccuracies. As an example, we note that the Technical Information Program in the Hayden Library is listed as a division of *The Tech*. Furthermore, we note that the *Daily Reamer* is not listed at all.

Clumsy

Technically, the new directory is a bit clumsy with its new format, and it is our hope that next year's edition will include some necessary refinements. If past performance is any indication, however, the best for which we can hope is a rather dull mediocrity—it never was a very interesting book.

Like all previous editions, this directory is most notable for what it does not say, rather for what it does. For example, the fact that by dialing 85 one can obtain a Framingham dial tone is left for the experimenter to discover for himself. Neither is one told what is connected to the 86 and 88 branches.

In short, the directory does not remove any of the mystery and intrigue that is connected with the MIT Telephone system: There is still a place for the little man in the back room with the computer interfaced with his Institute extension and programmed to search out the tie-lines. Happy hunting!



Photo donated

magreenbill
courageously presents



JIM KWESKIN

and

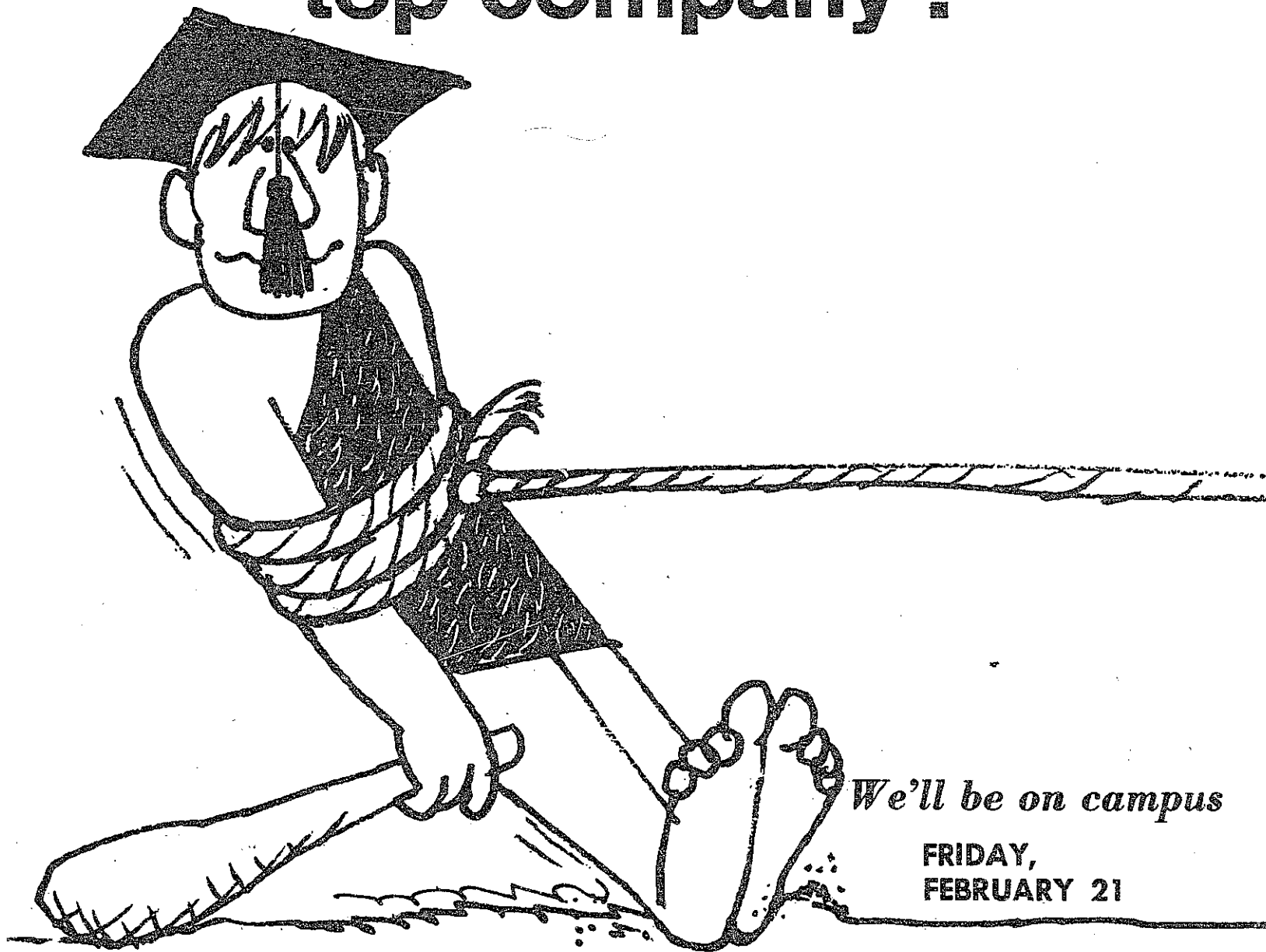
THE LYMAN FAMILY

&c.

saturday, jan 25 8:30 pm

Jordan Hall Ice 6-2412 tickets 4.50 3.50 2.50

would you like to recruit top grads for top jobs with a top company?



We'll be on campus

FRIDAY,
FEBRUARY 21

HARVARD SQ UN 4-4580

Last times today!
"I LOVE YOU, ALICE B."
TOKLAS" 3:05, 6:20, 9:40
"Bye Bye Braverman"
Starting Wednesday:
"THE TWO OF US"
3:35, 6:35, 9:40
plus "The Endless Summer"

BRATTLE SQ TR 6-4226

Humphrey Bogart Festival!
Today: "The African Queen"
Wednesday: "Beat the Devil"
Thurs. - Fri. - Sat.:
"Treasure of Sierra Madre"
Starting Monday:
"CASABLANCA"

Hey, that's our job! . . . and unless somebody is trying to tell us something, we don't think we're doing too badly.

Sure, Sun Oil Company needs a lot more people—in Exploration, Production, Manufacturing, Research, Engineering, Sales, Accounting, Economics and Computer Operations. But there are unusual attractions. Besides excellent pay, generous stock plan, and especially good and economical living conditions in the Philadelphia, Toledo and Dallas areas, Sunoco is an exciting company to work for.

This is the company that is pioneering with Great Canadian Oil Sands Ltd. the famed Athabasca oil sands project in Northern Alberta—a \$235 million project that can multiply the world's petroleum resources. Also—that sponsors "Sunoco Specials" and the Penske/Donohue team in major auto racing championships to competition-prove and develop Sunoco products for the public; that is planning a new \$125 million processing facility in Puerto Rico; expanded its Toledo Refinery to the tune of \$50 million; pursues a continuing program for air and water pollution

control; beautifies Sunoco service stations throughout the land; and recently broke through the billion dollar a year barrier in sales! Sound interesting? Sun is geared for growth. Perhaps we could use you.

Write us for an appointment, write for our book "Sunoco Career Opportunities Guide," or contact your College Placement Director to see Sun's representative when on campus. SUN OIL COMPANY, Industrial Relations Dept. NE, 1608 Walnut Street, Philadelphia, Pa. 19103.

An Equal Opportunity Employer M/F

**360/65 screws up;
PDP-8 gives birth**

The Computer Center announced last Saturday that it had performed the first successful mating of computers.

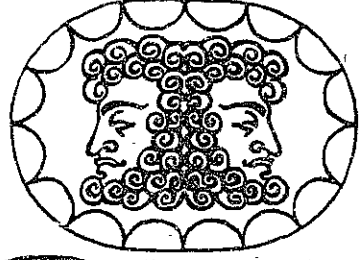
The mating was done between an IBM 360/65-40ASP and a PDP-8 in the Computer Center. Both machines were down at the time. After some delicate maneuvers to introduce the two, all operators left the area so that the necessary mating could take place.

The entire procedure was carried out exactly as planned. Conception was at 4:20.2345432 according to the main frame CPU clock on the proud father's console. Delivery was right on time, 4:29.2345432, assisted by members of the BSA occupying the building. The hardest part of the procedure, according to Dr. Tim Sharing, head of the research team, was the severing of the many connections between the infant machine and its mother, the PDP. After about an hour, however, the new computer was separated from its mother's output facility and, with a kick on the side from Dr. Sharing, was drawing its own power.

Dr. Sharing reported that he has been contacted by the Klu Klux Klan concerning the integrated mating, but no incidents are expected.

The PDP-8 was reported asking for a divorce on the grounds of incompatibility, but the PDP-8 mentioned in a confidential access by the Daily Reamer that the 360 has insufficient output. The 360 was unavailable for comment.

January



SALE



HARVARD SQUARE
Open Thurs., 'til 9 PM
M.I.T. STUDENT CENTER
MEDICAL CENTER
Longwood and Brookline Aves

**LAST DAYS
← TO LOOK
AROUND →
← AND
→ SAVE!**

You Are Eligible

If you live or work in Massachusetts, you are eligible for low cost, high quality life insurance in a mutual organization with an outstanding record of financial soundness.

Founded as a public service in 1907, Savings Bank Life Insurance is sold only through Mutual Savings Banks direct to keep cost low. And although not guaranteed, dividends have been paid to policyholders every year since 1908, to reduce cost still further.

Savings Bank Life Insurance policies are available in a wide variety of forms. To find out what Savings Bank Life policy will meet your needs best, visit a mutual savings bank and ask for personal counselling about Savings Bank Life Insurance. It could be one of the smartest financial moves you'll ever make.



CAMBRIDGEPORT SAVINGS BANK

RIGHT IN CENTRAL SQUARE Cambridge

864-5271

Here's one card from the establishment that no student will ever burn.

TWA 50/50 CLUB YOUTH FARE CARD FOR AGES 12 THRU 21
This identification card entitles member to purchase transportation for self only, subject to conditions on reverse side.

Name: Warren Margulies
Address: Edgen Rd
City: Jamptown N.Y. State: N.Y. Zip Code: 10028
Male Female Hair Color: Br. Eye Color: Br.
This Card Expires on: Jan 26 1970 (22nd Birthday)
Signature — Card Holder: Warren Margulies

No: 0618986
SEE REVERSE SIDE

It's TWA's 50/50 Club Card. And if you're between the ages of 12 and 21, it entitles you to fly TWA anywhere in the United States at half-fare (and it's good for discounts on most other airlines too). Now's the time to get one, so you can take off between semesters. Fly skiing,

fly swimming, fly home, fly anywhere. TWA flies just about everywhere. See your travel agent, TWA Campus Representative or stop by the local TWA office. Forget about exams and fly TWA somewhere at half-fare. Even if your parents approve.



footprints*

by Goy Burnphart

-1. Professor Gay Forrest is rumored to be in line for appointment as Dining Services Director. The advancement is apparently based on his brilliant analysis of sanitation dynamics, a sixty-ninth-order feedback computer model of Boston's sewage system. When applied to the MIT Dining Services, sanitation dynamics is reported to reduce net costs of food by 82%. While the colstaf reouting the plumbing was high, Gay pointed out that the system would pay for itself in a week's time. Dean Waddy, who lost his Staffers kickback, had no comment.
 ? Quote of the week goes to UAP Maria Kiddydild who was reported to have said, "TANG? But I thought that Tang was an orange drink."
 54. Confidential to Paul Carrod '70, Baker House: the Harvard School of Journalism is looking for your type. 5000. For the first time in recorded history, that scandal sheet of notoriously yellow journalism, *The Daily Reamer*, actually reached its advertised circulation figure of 5000. The issue was distributed free, of course.
 3.14159. An unconfirmed report reaching this office reveals that a prominent Dean at the Institute is investing heavily in the stock of the Coca-Cola bottling company. It is not known what effect this has had on the functioning of the Dean's staff.
 21.69. It is rumored that Professor Chompalot plans to give a course on "What's a Harold Federow" next term. The course will deal with the qualitative aspects of a Harold Federow as

well as with a mathematical model of a Harold Federow. Included will be discussions of the interactions of a Federow space with null spaces and infinite BS spaces. Use of nausea pills is required.
 2150. Reliable sources now insist that tuition will in fact be fixed for the next five years at the constant rate of \$2150+t, where t is time in years beginning 1969.

Center for Joint Studies promises high time for all

Congratulations, here it is Diane Inclement, author of "How I Got Reired—or— HoHo Has A Weakness."

Maria Kiddydild, who will be employed as a guinea pig to test first-time reactions to marijuana.

John Sazan, author of "How I Campaigned for Nixon and Agnew—or—Pot Can Make You Do Almost Anything."

John Donovan, the Center's computer expert who's always TRIPing out, author of "My Battle Against the Pope."

Chairman Killagain, who, in response to the Cambridge Housing

(Continued from Page 1)
 over the air had a lisp. The demands call upon the Tute to open all secret defense work to the scrutiny of a panel of radical students—the farthest left available. Until a suitable permanent panel is found, the BSA suggests that it be empowered to begin work. "We hope," a spokesman told *The Daily Reamer* "that we can

Crisis, declared, "We are definitely in favor of a well-balanced neighborhood—according to our balances, our course."

Steve Errman, author of *How To Be Obnoxious*.

Lecher '69, author of "How to Write Incoherent Editorials Without You Even Half Try."

The MIT Faculty, whose experiences with marijuana will be vividly described in the forthcoming article, "Why We Don't Want Students at Faculty Meetings."

and, of course, Jerome Letbin, the honorary Head of every department.

find something useful in this stuff. Maybe we can turn the Minuteman III project into a Field Day contest."

The BSers called for the Institute to end its collaboration with the war in Vietnam. They ask not only that all members of the past administration not be asked onto the faculty, but that the Departments of Political Science, Economics, and Alchemy be closed down because of their notorious views on the war. They state "anyone who isn't a white-hat doesn't belong in this healthy, red-faced, American school of science, technology, and BS."

Another part of their statement called for MIT to aid underdeveloped capitalists in the Boston area. "Any man who is too poor to afford a share in General Motors doesn't have a stake in this country," the statement reads. "We feel that the Institute, through the Slum School of Mangement, should buy a share for anyone who asks."

The BSA also announced its support for the Commons boycott, as well as "just about anything that anyone anywhere else is doing to confront authority, fight bureaucracy, and intimidate Dean Wadleigh."

The MIT reaction was slight. Dr. Lacklighter, Chief head of the Computation center, said "they can probably do better than the operators we hired to run the machines. I expect there'll be great improvements in the whole system in the next few days. I've been informed they plan to completely eliminate OS from all software—this alone should increase our efficiency 32.296%."

Others questioned this figure, notably IBM. But high level members of the administration felt that the occupation itself was a good thing. Connie Simonidipopulous said "I've already told Hoho about this, so I know he agrees with me. As long as those boys earn their way in there, and let us hold open fora on the first floor, they'll be all right."

Student government reaction was impossible to determine. First, *The Daily Reamer* had difficulty locating anyone who would admit to being a student politician. After getting three consecutive replies of "I'm not representative," this reporter decided that the UAPE's reaction was: "Well, gee, I don't know. What about a referendum?"

As of press time (before all this happened) it looked as if the BSA members had settled down for a long stay. Students could be seen making beds from pajama paper on the third floor, and a tunnel was being dug from the basement to the building 26 food machines.

Members of the MIT Campus Patrol had ringed the building completely, but were finding that no one wanted to go near the place unless he wanted to see a consultant, punch cards, or submit a run. The apathy shown (or not shown, as the case may be) did not surprise them, however. "All we're worried about," said one, "is the weekly tour of the Computation Center scheduled for tomorrow."

Do you think a bright young engineer should spend his most imaginative years on the same assignment?

Neither do we.

That's why we have a two-year Rotation Program for graduating engineers who would prefer to explore several technical areas. And that's why many of our areas are organized by function—rather than by project.

At Hughes, you might work on spacecraft, communications satellites and/or tactical missiles during your first two years.

All you need is an EE, ME or Physics degree and talent.



If you qualify, we'll arrange for you to work on several different assignments...and you can help pick them.

You may select specialized jobs, or broad systems-type jobs. Or you can choose not to change assignments if you'd rather develop in-depth skills in one area.

Either way, we think you'll like the Hughes approach.

It means you'll become more versatile in a shorter time.

(And your salary will show it.)



CAMPUS INTERVIEWS: February 12 & 13, 1969

Representatives of several activities of Hughes Aircraft Company (each with highly-specialized personnel requirements and separate interview schedules) will visit your campus. If your career interests lie in one or more of the following fields of aerospace/electronics, contact your Placement Office TODAY to make sure your name gets on the interviewing schedule for HUGHES AEROSPACE DIVISIONS:

- Microwave & Antenna Engineering
- Guidance & Controls Engineering
- Spacecraft Design Engineering
- Components & Materials Engineering
- Weapon Systems Engineering

- Electro-Optical Engineering
- Microcircuit Engineering
- Space Systems Engineering
- Missile Systems Engineering
- Circuit Design Engineering

U.S. Citizenship required/An equal opportunity employer.

*If you're thinking of the Religious Life...
Go One Step Further*

If you are seriously thinking of the priesthood, the question becomes not "what" but "who."

Who can allow you to utilize your own innate talents? Who is most attuned to our times? Who can offer the most freedom in your work?

The answer is the Paulists. Their goal is to meet the needs of all God's people as they arise in each era and each age. The Paulist tries to make Christ, His teachings and His Church more understandable to those he can reach.

In our recent Renewal Chapter we established the guidelines by which a Paulist seminarian and priest would operate in these changing times. A summary of these renewal principles is available to those who question "whether a priest can really be with it today."

To find out more about the Paulist spirit, send for an illustrated brochure and a summary of our Renewal Chapter Guidelines.

Write to:
 Vocation Director
Paulist Fathers
 Room 223
 415 West 59th Street
 New York, N.Y. 10019

Chemistry curriculum forum discusses department reforms

By Bob Fiver

A task force headed by Prof. Razz of the Chemistry Department presented its plans for revised Institute course requirements Friday in an open forum at 9 am in Room IL 10-100.

Despite prior publicity throughout north campus, student attendance was lamentably low; the faculty turnout, however, was strong, especially among government researchers in Courses XII and V. When questioned about the imbalance, Prof. Razz attributed it to lack of student discontent in the issue. "There was also some sort of trouble with security clearance," he added.

The meeting commenced with a presentation of the essentials of the task force recommendations. It was claimed, as a basic premise, that "the student body as a whole has expressed little dissatisfaction with the general Institute requirements as they now stand, and we may therefore conclude that they have accomplished their stated aims. At the same time, however, they are not doing everything we want them to. Therefore, while some changes must be made, no significant changes are necessary at this time." The group then listed their three "Major areas of investigation" as 1) maintaining MIT's "unique nature" as a "university magnetized around science"; 2) giving the student a chance to "shop around" for the first couple of weeks before committing himself and 3) creating a proper balance between Chemistry and physics.

Suggestions on the first two points were brief.

Attention for the rest of the meeting centered mainly on area (3). Prof. Spanish of the task force exhibited a four-dimensional chalk model relating the various courses and the student's options in the four years. While not having sufficient time to explain all its complexities, he summarized its paths as two "fundamental" sets of requirements: 1) each student must take two 12-unit physics or physics-related subjects (subjects in Course VIII are considered physics-related); 2) each student must take 5.01, 5.41, 5.60, and one of three Chemistry lab courses yet to be determined.

Prof. Spanish explained that this setup would relieve a situation where "two or three students every year decide they want to switch to Chemistry, and are forced to stay five years or take bothersome overloads of 54 or even 57 units." Transfers to other majors were considered less of a problem, since "any bright Tech student could pick the stuff up pretty fast." As for the excess of Chemistry over physics, it was pointed out that, while Chemistry was concerned with "almost everything of concern to man, physics dealt only with space and time.

At this point, the audience was invited to question the task force; most present, however, preferred to just sit and purr. Prof. Queen of the Department of Metallurgy and Materials Science finally broke the silence with a proposal that 3.091 be permitted as a substitute for 5.01. The ensuing violent argument, largely contradictory and incoherent, touched upon all the classic points in the age-long issue of Chemistry vs. Metallurgy. It drew passionate avowals from almost everyone in attendance, the most memorable being Prof. Razz's recitation of the entire fifth act of *King*

Lear, and Prof. Queen's moving sermon on "the Satanic blight of Chemical morality." Even the Student Center Library, he cried, "where so many young minds have been nourished, has been secretly but unmistakably labeled Room W20-501."

After the debate had continued for some time, Prof. Inclement (of the smaller schools) finally succeeded in being recognized. "I don't think we've given the humanities requirements at all enough attention," he said. "I find them restrictive and inflexible, and not at all in line with the guidelines laid down by the task force." The meeting was apparently taken entirely aback by the intrusion of a second line of thought; the task force at first only mumbled puzzledly to themselves, or shuffled violently through their copies of the General Catalogue. Only after several minutes could Prof. Razz once again speak: "Shit!" he growled, "Even my mother thinks Metallurgy is unhealthy." The argument then resumed as before.

Though the forum continued for several more hours, nothing conducive was agreed upon. Prof. Razz closed the meeting on a forboding note: "If we don't continue to give each student a firm practical base in Chemistry, we'll have a lot more pregnant coeds, let me guarantee you that."

The meeting dissolved.

The Daily Reamer swings



Photos by CRuD

Why is this man smiling?

Why is this woman smiling?

Why is Spiro T. Agnew smiling?

Created for the Creative Designer... an Engineering Masters Fellowship Program

Are you content to understand the technical aspects of a problem? Or, are you impelled to go on and create a design that solves the problem? If you're the latter type, Grumman invites you to investigate its fellowship program. These Fellowships were established to give encouragement and financial assistance to engineering graduates, knowledgeable in the technical disciplines, with an *aptitude for reducing ideas to practice*. Specifically, this is an opportunity for people with creative abilities who are interested in applying their talents to design usable hardware, as opposed to careers in pure analysis or research.

Grumman, a high technology company producing a wide range of systems, annually awards 20 Fellowships for work toward Masters Degrees in Engineering. These are divided equally between members of the year's graduating class and company employees.

THE PROGRAM

The Program combines work and study. The Fellows work 24 hours per week during the school year and full-time—40 hours—during the summer. A Fellow is expected to carry a school load of one-half the full-time program, so as to complete his Masters Degree in two years. For the hours worked, the Fellows are compensated at rates consistent with regular employees of comparable education and experience, and they participate completely in full normal employee benefits, including fully paid medical plan and insurance. In addition, a Fellow receives a stipend of \$1,000

per year plus \$500 for each dependent (spouse and children), full tuition, fees and books. This package has an annual value of between \$10,750 and \$13,000. The Fellowships are granted for one year and will be renewed for a second upon satisfactory completion of the 12-month work/study plan.

THE APPLICATION

If you aspire to a career of creative design and call meet entrance requirements to graduate school, clip and mail the coupon below now. Completed application forms must reach us by March 1, 1969. All the Fellowships will be awarded by March 31, 1969.



Mr. Thomas E. Fessenden, Director of Engineering Services and Administration
GRUMMAN Aircraft Engineering Corporation
Bethpage, Long Island, New York 11714

Dear Mr. Fessenden:
I would like to apply for your Engineering Masters Fellowship Program. Please send me complete application material.

NAME _____ (please print)
SCHOOL ADDRESS _____
CITY _____ STATE _____ ZIP _____

F4



GRUMMAN

AIRCRAFT ENGINEERING CORPORATION
Bethpage • Long Island • New York, 11714
WHERE MAN IS THE HEART OF THE SYSTEM

An Equal Opportunity Employer (M/F)

"MAKES 'THERESE AND ISABEL' LOOK TAME!" —Cue Magazine



LES BICHES

(X) NO ONE UNDER 18 ADMITTED
11:25 - 1:30 - 3:30 - 5:35 - 7:35 - 9:35

WEST END CINEMA
OPPOSITE HOTEL MADISON AT NORTH STATION

Lukewarm War spreads to IM's as exchange students star

By George "Super" Nova

Russian House has overnight become the new powerhouse in IM sports. The admittance to MIT of 46 members of the USSR Olympic Team as graduate exchange students has seemingly been the major factor in Russian House's recent success.

All these players have been declared eligible for IM's because none of them have previously won varsity letters at any accredited American university. The IM Council meeting at which their

status was discussed proved to be the stormiest yet. The representatives from Burton House, SAE and LCA, led by Rich Belcher '70, stomped out of the meeting in protest of the Council's decision.

Russian House did not make its strength felt immediately as it has been somewhat selective in the sports that it enters. RH refused to enter teams in football, calling it "an imperialistic farce initiated by the ruling American fascist military clique and golf, terming

it "a decadent bourgeois pastime." Also winning the wrestling crown proved to be difficult in that there were no RH entries in any of the classes below 177 lbs. due to the size of the new Russian House athletes.

The first stunning win for RH came in cross-country as Russian House 'A' took the first seven places for a clean sweep and Russian House 'B' took the eighth through 14th spots for second place. A victory in tennis soon followed.

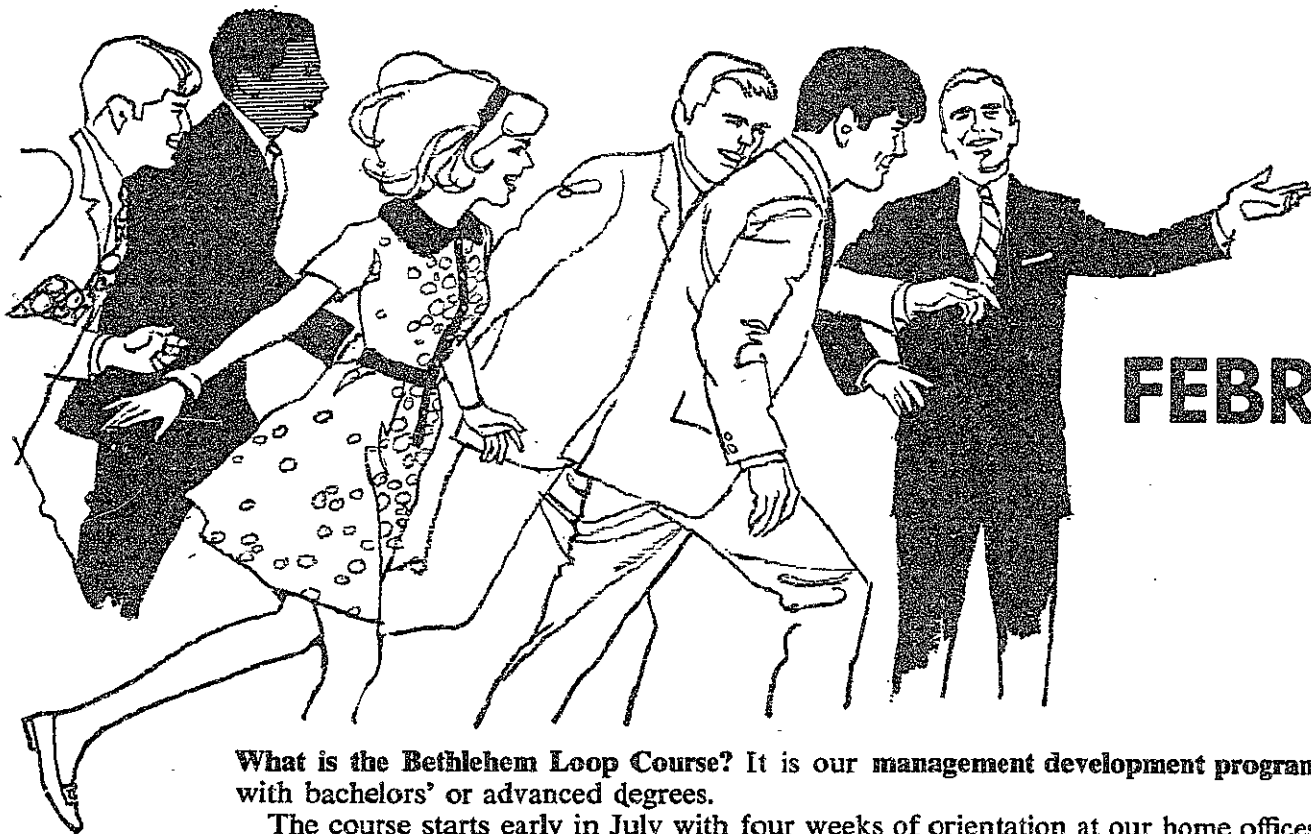
The RH team lost in the finals of the badminton tournament to the Chinese Students 12-15, 14-16. They immediately branded the refereeing as just another example of Sino-American collusion.

The real strength of Russian House came to the fore in the winter season. It's unbeaten basketball team and undefeated, unscored upon hockey team squad were immensely better than any other IM teams. After the first three hockey games, Russian

House was handed a protest by the infirmary because of the sudden upsurge of injuries involving broken bones. Since then RH has won all its games by forfeit, especially degrading to the rest of the A hockey league was the fact that RH did not even use a goalie in any of its games.

Russian House will probably settle back into the ranks of the obscure second term as all of its 46 players have flunked out of school.

Bethlehem Steel Loop Course Interviews:



FEBRUARY 24

What is the Bethlehem Loop Course? It is our management development program for graduates with bachelors' or advanced degrees.

The course starts early in July with four weeks of orientation at our home offices in Bethlehem, Pa. Loopers attend lectures on every phase of the corporation's activities, and make almost daily visits to a steel plant.

Steel Plant Loopers, who comprise a majority of the average loop class of 150 to 200 graduates, proceed to various plants where they go through a brief orientation program before beginning their on-the-job training assignments. Within a short time after joining the course, most loopers are ready for assignments aimed toward higher levels of management.

How about other loopers? Our Sales Department loopers (30 or so) remain at the home office for about a year of training. Most are then assigned to district offices where they take over established accounts.

Fabricated Steel Construction loopers are trained in a drafting room, on a field erection project, in a fabricating shop, and in an engineering office. A looper's first work assignment is based on interests and aptitudes disclosed during this program.

Loopers in Accounting, Shipbuilding, Mining, Research, Traffic, Purchasing, Finance and Law, General Services, and Industrial and Public Relations go through training programs tailored to their types of work.

Where would YOU fit in? Check your degree or the one most similar to it.

MECHANICAL ENGINEERING—Engineering or mechanical maintenance departments of steel plants, fabricating works, mining operations, and shipyards. Fuel and combustion departments. Supervision of production operations. Marine engineering assignments in Shipbuilding Department. Also: Sales or Research.

METALLURGICAL ENGINEERING—Metallurgical departments of steel plants and manufacturing operations. Engineering and service divisions. Technical and supervisory positions in steelmaking departments and rolling mills. Also: Research or Sales.

CHEMICAL ENGINEERS—Technical and supervisory positions in coke works, including production of byproduct chemicals. Fuel and combustion departments, including responsibility for operation and maintenance of air and water pollution control equipment. Engineering and metallurgical departments. Steelmaking operations. Also: Research or Sales.

INDUSTRIAL ENGINEERING—Positions in steel plants, fabricating works, shipyards, and mines. Engineering and maintenance departments. Supervision of steelmaking, rolling, manufacturing, and fabricating operations. Also: Sales.

CIVIL ENGINEERING: Fabricated Steel Construction assignments in engineering, field erection, or works management. Steel plant, mine, or shipyard assignments in engineering, construction, and maintenance. Supervision of production operations. Sales Department assignments as line salesman or sales engineer (technical service to architects and engineers).

ELECTRICAL ENGINEERING—Steel plant, fabricating works, mining operations, and shipyard electrical engineering, construction, and maintenance departments. Technical and supervisory positions in large production operations involving sophisticated electrical and electronic equipment. Also: Research or Sales.

MINING ENGINEERING—Our Mining Department operates coal and iron ore mining operations and limestone quarries, many of which are among the most modern and efficient in the industry. This 10,000-man activity offers unlimited opportunities to mining engineers. Also: Research.

NAVAL ARCHITECTS AND MARINE ENGINEERS: Graduates are urged to inquire about opportunities in our Shipbuilding Department, including the Central Technical Division, our design and engineering organization. Also: Traffic.

OTHER TECHNICAL DEGREES—Every year we recruit loopers with technical degrees other than those listed above. Seniors enrolled in such curricula are encouraged to sign up for an interview.

ACCOUNTANTS—Graduates in accounting or business administration (24 hours of accounting are preferred) are recruited for training for supervisory assignments in our 3,000-man Accounting Department.

OTHER NON-TECHNICAL DEGREES—Graduates with degrees in liberal arts, business, and the humanities are invited to discuss opportunities in the Sales Department. Some non-technical graduates may be chosen to fill openings in steel plant operations and other departments.

NOW'S THE TIME TO SIGN UP FOR AN INTERVIEW. And when you register at the placement office, be sure to pick up a copy of our booklet, "Careers with Bethlehem Steel and the Loop Course." It contains important information about the corporation and your opportunities through the Loop Course.

BETHLEHEM STEEL

An Equal Opportunity Employer
in the Plans for Progress Program



Tech kickers swamped 123-1 despite underhand strategy

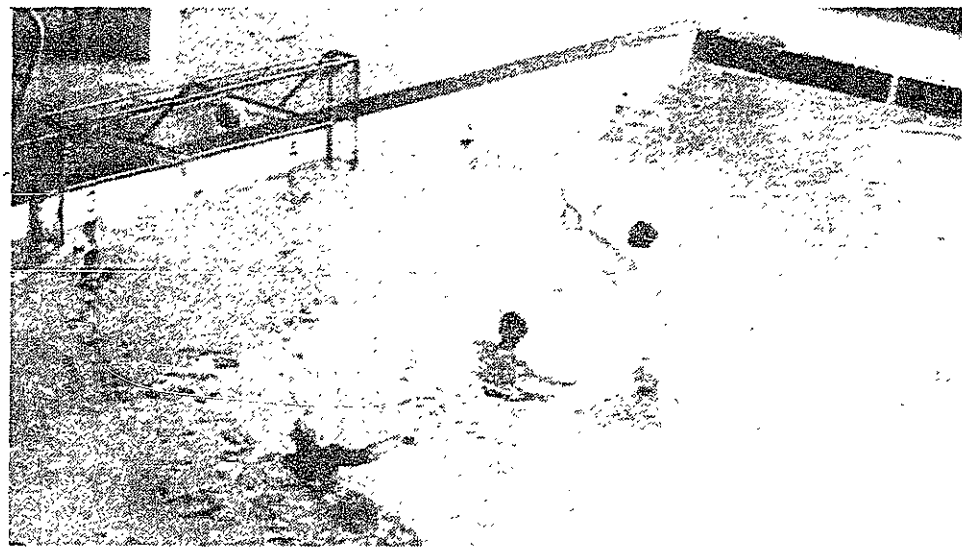


Photo by Yors Drooley

Tech kickers, using a run silent, run deep strategy, were unable to submerge their Humid U. opponents. Here is shown an engineer trying to come from beneath to block a shot.

by Done Achin

Undaunted by a puddle covered field (average depth 11 Feet), the Tech Kickers put on their best performance of the year before choking late in the first half, Tech has now lost 57 straight games.

The game was highlighted by Coach Moneson's brilliant new strategy. He told his team to use the element of surprise by staying out of sight. The strategy paid off immediately as the Humid U attackers kept folding up and sinking when ever they prepared to shoot. However, they scored several

goals on free kicks when Tech was called for illegal use of hands.

But as the half neared its end, the defense seemed to weaken. The reason became apparent when the half ended as only two of Tech's starters came off the field. A search revealed a strong current leading to the Charles River.

This bad break was magnified when Tech's best layer, Peter Pisces, was kicked out of the game for using fins and a snorkel. Of course the second half was no contest and the final score was 123-1.

By Hone Fine
The MIT Invitational Indoor Track Meet pitted the California Striders and the Russian Olympic Team against our own Beavers Saturday on the frozen Charles River Basin. The oddsmakers predicted a rout, but a Namath-Like performance by Vladimir Kutz coupled with Bill The Tout '85 and his unlaced sneaker made it a contest.

Larry Clod Killy '70 and Joel "Afro" Hemmeifarb '70 got MIT off to its expected fine start by edging Lee Evans and Boris Podjernik in the sixty yard dash with a clocking of 5.7 two tenths shy of the Brigg's Field record. Bruce Shoutemlouder '70 then took an amazing first in the 45 yard high hurdles against Russia's superb sprinter Mrs. Ivan Melshenko, who was later disqualified for either passing or failing her sex test.

California swept the shot put since the Tute could not field any varisty competitors, but in an exhibition Roger Mecca '72 had dry heaves of 73 and 89 inches. Stewy Duck '69, as fine an exhibitionist as we have seen in years, downed Old Colonel, Seagram, and Cutty Sark. He also managed another fine showing, and the police are ready in case it happens again.

The bearded buddies, John Wargo '59 and Larry Petrol provided drama in the 1000 yard run. With MIT needing only a first to win the meet and the duo leading by five yards, Wargo swooped to pick up a \$10 bill, stepped on his moustache and fell directly in

front of Petrol.

This disaster set the stage for MIT's aces Kirk Wingless and Bent Wilson-yes-might-Bent. Wingless flew to victory in the high jump at 18'2", but Wilson still had to win alone against the Striders six mile relay team. Although a slight favorite, Wilson trailed the

Striders by 30 yards as Tommy Smith began the final lap. The tiring Smith was just not up to Bent's tremendous final kick. Thus, MIT retains the highly coveted Ross Smith Trophy. The team's next meet is Tuesday as they go to Boston's P.S. 77 in what shapes up to be...

New intercollegiate sport here as rabble rousers subsidized

By the Rake

In keeping with the Institute's policy of competing in every intercollegiate sport imaginable, MIT will pit next year's freshmen against Boston's finest in a new field of aggression, rabble rousing. In order to enter squads the Tute is prepared to offer the first set of athletic scholarships in its history.

For the uninitiated the object of the game is to capture the most ink in the national press for the longest period of time. However, bonus points are awarded in recognition of special achievement. For example, top play of this season has to have been pulled off at Swarthmore where the President of the college was stricken by a heart attack while leading a discussion on how to deal with a student takeover. At the end of each year newsmen and broadcasters from all over the country vote to determine the national champ. Columbia took the 1968 title for its

classic student riots in the spring. MIT finished twentieth despite the fact that it didn't officially field a team.

A proposal was brought before the International Olympic Committee last spring to open rabble rousing as a new event in the Olympics. It was thought that the spectator interest would be sky high as squads from Czechoslovakia, the U.S., France, Japan, and Mexico would have been favored to capture the gold medal. However, the Russians vetoed the plan when the rest of the world wouldn't accept the simultaneous opening of another new event called rebellion squashing.

Skaters slushed by Brandeis six

By Pete Perky

The ice hockey team of the Massed Infinitude of Trivialities sank last night in the swimming pool (it was renamed after the top two inches of ice melted Saturday afternoon and decided to stay around for the game). An uninspired team from Babson scored soon after goalie Steve Sieve lapsed into shell-shock after the first two minutes of the game. Left wing Tally tallied in the first period to leave the score at 2-1 as the teams retired to the dressing room. Coach Ben Martians pep talk had a marked effect on the team as they quickly allowed two more goals. The first occurred when shell-shocked Sieve was faked out of his skates, and a few other pieces of zapparel, by the opposing center who then glided the puck into the goal.

The second was scored when two MIT players executed the most brilliant maneuver of the hockey season.

The play began when the MIT center wing, Maris Sucks, executed a perfect pass...to the Babson center. The Babson center proceeded at a leisurely pace toward Sieve (no faster pace was necessary because MIT decided to switch lines and defensemen at this point). After stepping onto the playing area, waving to the cheering fans, and donning their aqualungs, the MIT players decided that it would be injudicious to allow the Babson center to proceed much further. Accordingly, they hailed him and asked: Hey Mac, gotta light? Mac was preoccupied with the defensemen and did not bother answering. At this point Cant Telly and Hairly Berber had a meeting of the minds, bodies, helmets, sticks, and skates at center ice allowing the Babson center to proceed unmolested.

Engineers, Mathematicians: At NSA, our successes depend on yours.

Because of the nature and scope of the National Security Agency's mission, our successes are in direct relation to your achievements.

At NSA, we are responsible for designing and developing secure/invulnerable communications and EDP systems to transmit, receive and analyze much of our nation's most vital information. The advancing technologies applied in this work are such that they will frequently take you beyond the known and accepted boundaries of knowledge. Consequently, your imagination and resourcefulness are essential qualifications for success.

The Career Scene at NSA

ENGINEERS will find work which is performed nowhere else... devices and systems are constantly being developed which are in advance of any outside the Agency. As an Agency engineer, you will carry out research, design, development, testing and evaluation of sophisticated, large-scale cryptocommunications and EDP

systems. You may also participate in related studies of electromagnetic propagation, upper atmosphere phenomena, and solid state devices using the latest equipment for advanced research within NSA's fully instrumented laboratories.

MATHEMATICIANS define, formulate and solve complex communications-related problems. Statistical mathematics, matrix algebra, and combinatorial analysis are but a few of the tools applied by Agency mathematicians. Opportunities for contributions in computer sciences and theoretical research are also offered.

Career Benefits

NSA's liberal graduate study program permits you to pursue two semesters of full-time graduate study at full salary. Nearly all academic costs are borne by NSA, whose proximity to seven universities is an additional asset.

Starting salaries, depending on education and experience, range from \$8845.00 to \$15,000.00, and increases

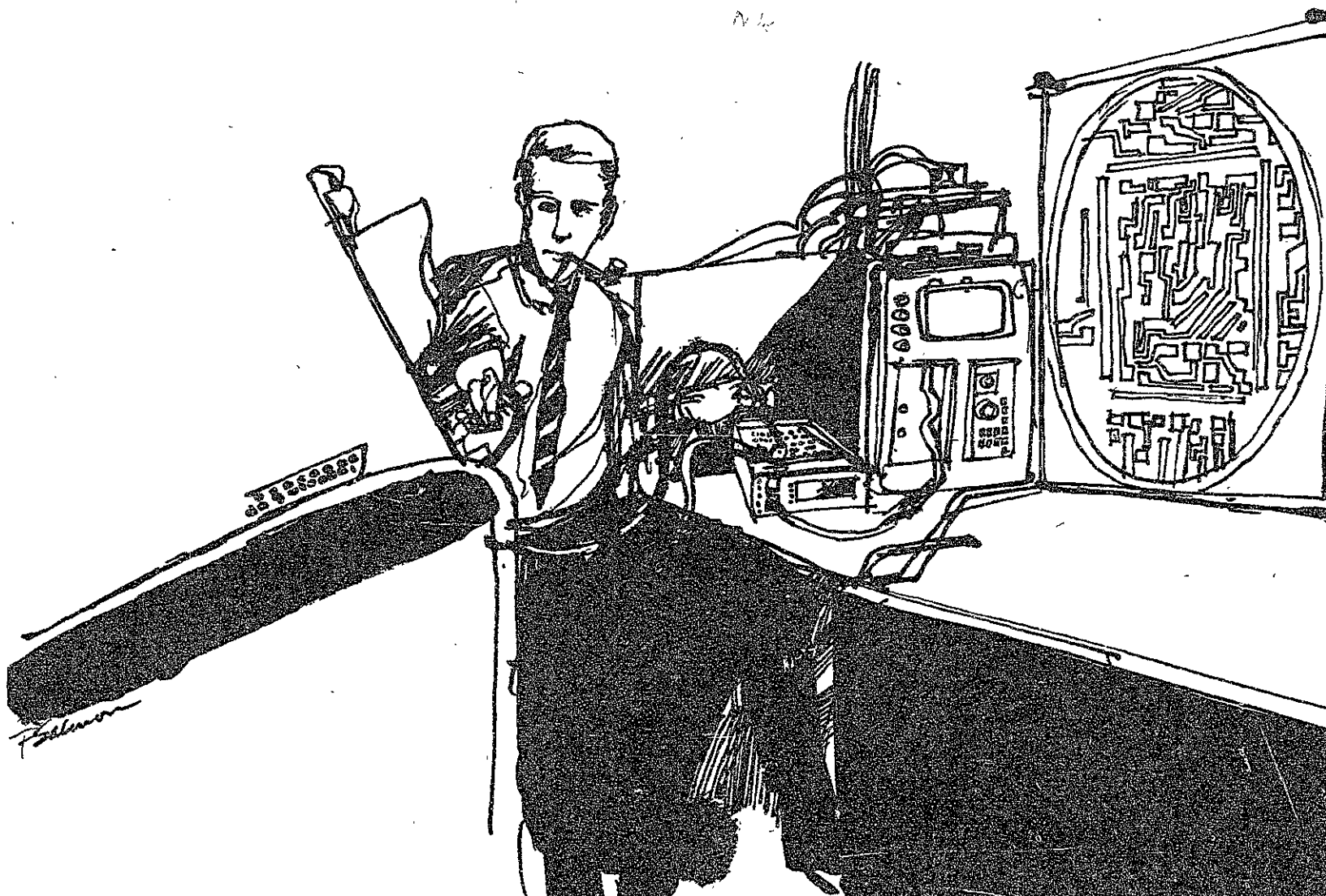
will follow systematically as you assume additional responsibility. Further, you will enjoy the varied career benefits and other advantages of Federal employment without the necessity of Civil Service certification.

Check with your Placement Office for further information about NSA, or write to: Chief, College Relations Branch, National Security Agency, Ft. George G. Meade, Md. 20755, Att: M321. An equal opportunity employer, M&F.

Campus Interview Dates: FEBRUARY 6



national security agency



... where imagination is the essential qualification

The Daily Reamer (and Sunday Crossout) is published daily through the help of Ex-Lax and the Will of God. Lowest postage possible is paid as infrequently as possible. The publication is distributed by carrier pigeon during warm weather and seal during cold. Repeat ye sinners and purchase a subscription. The price of salvation is \$69.69 (cheap-cheep) for one year or \$4.25 for the rag and The Teck. The number to call here in hell to vote for your favorite sin is UN4-6900 ext 6776. Amen.