"Spirits of '69" Arrives at IIT

Biff Rose, Buddy Rich and Food in Concert Tonite; Tickets Still Available

This year's Homecoming Concert features two groups and one singer representing diverse sides of the musical spectrum. The performers are Buddy Rich, world-renowned jazz drummer and his band, Biff Rose, a singer and piano player; and the Food, a rock group.

The first group, Buddy Rich and his band, have appeared in countless places over the thirty-five years that Buddy Rich has been performing on his own and with other groups. Acknowledged by music critics as the world's greatest drummer, Buddy has brought his distinctive styling and arrangements to all types of audiences from nightclubs to television to college campuses.

This is one of the many appearances for the Buddy Rich Orchestra, an entirely new sound appropriation both to the young sound in music and to the more conservative side. Buddy has won every jazz poll that exists both with the Orchestra and by himself, and the feelings of music critics and performers both is summed up in the words inscribed on one of his many awards: "To given appreciation for your amazing contribution to the World of Jazz. The greatest drummer of them all, BUDDY RICH!"

Biff Rose is a rather unique type of singer, both in style and arrangements. He accompanies himself on a piano, rather than a guitar, playing in a disarmingly human type of singing. As he says, "I think of a song as having a pulse, rather than a beat. I try to let my music move freely in the rhythm of life."

Now widely known yet, Biff Rose is just beginning to win a following on college campuses with his radio show on the American Contemporary Network, carried by WYTM in Chicago.

The final group for the concert is a Chicago-based one, Food. Consisting of five members, all from the Chicago suburban area, the Food has been playing to ever-increasing audiences in the 1½

Financial Aid

The deadline for students to submit financial aid applications for the spring semester is December 15, 1969. This will mean that ALL undergraduate scholarship, loan, and grant students applying for National Defense Loans, Applications received after December 15 may have to be denied due to lack of funds. Applications are available in the Dean of Students Office, Room 181, Main Building.

All Night Party Features Your Father's Mustache, Folk Groups, Movies, Slide Rule Contest, Breakfast

This year's homecoming at IIT, Spirit of '69, will certainly rank among the most exciting ones seen here if the weekend schedule of events is any indication of what students can expect in the way of entertainment on December 12 and 13. The Student Homecoming Committee has gone out of its way to provide the average Tech-hawk (or Tech-wen) with enough activities to last him (or her) for the rest of the semester.

Back Page — Forget what time it is, even the equinox liked them! 5 until 5:30
        Folk mass—Pray now, sleep later.
        Auditions
        Alumni
        Magic
        Homecoming Schedule of Events

The Students' Homecoming Committee invites you to attend this year's weekend of events celebrating Homecoming '69, "Spirit of '69."

Today, December 12
5 pm Queen contest
7 pm Concert in HUB Auditorium, with "Fling," Biff Rose, and Buddy Rich
8 pm Concert in HUB Auditorium, with "Food," Biff Rose, and Buddy Rich
Saturday, December 13
7 pm IIT vs. St. Francis; basketball in Gym
9 pm All-Night Party begins: four bands, movies, chaos music, contests, girl singers and dancers, talent show. "Your Father's Mustache" bounces back.

Tickets are still available! Prices: $4 for all-night party, $4 for tonight's concert; $5 for both. Tickets can be purchased at the HUB newsstand.

(continued on page 4)
THE TECHNOLOGY NEWS
December 15, 1970

Pub Bd. Appoints Nisbett
Spring Semester EIC

The ITSA Publications Board has named Bob Nisbett as Editor-in-Chief of Technology News for the spring semester. The appointment was made at the Thursday, December 4, meeting of the Board. Also appointed was Bruce Black, who fills the position of Business Manager, vacated by Nisbett.

Starting originally on the paper's business staff two years ago, Nisbett worked his way up to advertising manager and the last semester to business manager. Three semesters ago he became active on the news side of the paper, since then holding the posts of reporter, news editor, special correspondent, and currently of managing editor. Black joined the staff a year ago, and for the past semester has been advertising manager for the paper. He will head the business staff until at least next May, filling out Nisbett's uncompleted term.

Realizing that little of real political significance was achieved in the October-November Moratorium, the New Mobilization Committee and Vietnam Moratorium Committees across the nation are settling down for a long battle and looking for a new direction. Whether or not it is significant that the President's policy of the anti-war movement, the fact remains that the President has chosen to ignore public demonstrations. With this in mind, the future moratorium threat will not be in demonstrations on the campus. The new effort will be toward a mobilization of the politically anti-war community, with the 1970 congressional primaries and elections in view.

The entire focus for December, according to the Vietnam Moratorium Committee, is "on small scale, basically grassroots activity which will be modest in scope." One of the major efforts will be "Take the Moratorium Home for Christmas." This will be an attempt to have students do anti-war work during the Christmas vacation.

The other activities projected for December and through January are:
1) Organizing town meetings to discuss Vietnam and local needs;
2) Leafleting and canvassing to make public the position of district congressmen on the anti-war movement;
3) Supporting and further involving DUIs in the anti-war movement;
4) Identifying the traditional Christmas themes of "Peace on Earth" with Peace in Vietnam through church and community activities appropriate to the season;

Some of the highlights of the December Moratorium in Chicago are:
December 12—a Peace Rally at Roger College, featuring speakers and entertainment; for details, call the Chicago Moratorium Committee at 570-0732.
December 13—a "Peace Happening" at Rosary College; a talk by Alkman Sanmio Raynor of the 7th December Committee, December 15—a screening of "Oh, What a Lovely War" and a talk by Adalberto Sanmio, III in Glenview; general admission, $5, and $1 for students with IDs.

The ITSA Moratorium Committee, although suffering from a lack of active membership and popular support on campus, is providing an interesting and informative panel discussion for the December Moratorium. "The Moratorium: Its Significance and Its Place in the World" will be held at the Harper College Library on December 15.

I know the way home with my eyes closed.

Then you know the way too well.
Because driving on an old familiar route can make you drowsy, even if you've had plenty of sleep. It happens on your way home after a long day, a day filled with experiences, new sights, new sounds. It happens on your way home from Christmas, pull over, take a break and take ten minutes to relax. It helps you drive home with your eyes open.

Notice. No car should be without it.
Carla featured at Bob: Sings in McKay Style

by Helen Hesseman

Yes, Virginia, there is a Theatre at Tech. Rehearsals finally began this week on Megan Terry’s play, “Vief Rock.” The remainder of the group formed last year as the Fiorella, sparked by new membership, and reorganized under the improbable name “Between the 2 Y’s and the Euclid Box.”

Riding the wave of enthusiasm that passed a new constitution, the group elected new officers: Mike Ro, president; David Wyse, vice-president; and Ken Bernard, treasurer. When one of the above mentioned officers was asked for an explanation of their “unusual” name of the group, he answered that he wouldn’t believe it, so we are still bewildered as to its origin.

Director of the play, Fred Webweld, stated that there is a need for people who are interested in any aspect of the production. He asked that anyone interested attend the first production staff meeting at 7:30 in the HUB. Public relations can use the talents of anyone skilled or unskilled in the area of advertising/public relations. Vice President David Wyse, called by some the Minister of Propaganda, is the man to contact. See him Monday night in the auditorium or call 225-2420.

“Vief Rock” Rehearses: Members Still Needed

Strange Quiet Settles On College Campuses: LIFE

In a survey in its December 12 issue, LIFE magazine presents the views of undergraduate writers and photographers on campuses across the country. No one voice can sum up the mood of the nation’s eight million college students. According to the article, one comment by a University of Colorado student comes closest. “The radicals are suffering from a case of the blues, the liberals are frustrated, and there seems to be no movement in any direction except back toward one self.”

LAST ISSUE
This is the last issue of Technology News for the first semester of the 1969-70 academic year. The next issue will be published on February 6, 1970.

All persons interested in submitting material for the February 6 issue should contact Bob Nibert at the Phil Kappel Sigma house, ext. 526.

“The stillness is hardly serenity,” Life comments. “The hard cases—the draft, Vietnam, drugs—are still deeply felt. Concern is too ingrained for a return to the cool detachment of the 1950s .... And if most students are pulling back to reexamine their commitments and tactics, at a few campuses the fire is still dangerously close to the surface. ... The strategy of head-on discussions—however successful, proved to be too painful to sustain.”

Campus reports were written from the University of Wisconsin, University of Chicago, Oberlin College, Smith College, University of California (Berkeley), University of Texas, University of Mississippi, San Francisco State, and the University of Iowa.

Two general observations surface in the Life article: “Music is as pervasive on campuses as hair or bell-bottoms” and “affection, personal and communal, is a key part of the current college life-style.” According to Roger Black of the University of Chicago, “We share a conviction that people must love each other not only to be happy, but to survive ... It is not obvious to everyone or we would not be the fit we are in.”

Kathy White reported from the University of California: “The only apparent rider is the Frat... That’s the kind of place Berkeley is right now. The campus is calm.”

At the University of Iowa, Alan Law told Life, “Silence is the order of the day— if not as a conscious tactic, at least as a refuge.”

10 things America’s new small cars won’t talk about.

America’s new small cars won’t talk about.

Checkers Talk About
checkers new small car prefer not to mention

For instance, (1) cargo-padded luggage compartment, (2) an extra set of fenders inside the fenders, (3) flush and dry rocker panels that help prevent rust and corrosion, (4) a quality body by Fisher, (5) magnesium alloy wheels, (6) a firm, steady ride programmed by computer-selected springs, (7) six different engines and five transmissions available, (8) an available lighting group that even includes a feature for your windshield washer fluid, (9) makes you can order, with antennas built right into the windshield and (10) the availability of a new, more compact, multi-sensor tape system. America’s little cars don’t offer them. Nova does. Nova also has a very appealing price. And a lot of loyal friends.

Putting you first, keeps us first.

Nova: America’s not-too-small car.

GRAD STUDENT

needed to assist with national research study on pedestrian accidents, interviewing and observation on part-time basis in Chicago.

For further information, send name, major, year in school, address and phone number to

Pedestrian Safety Study
Research Operations, Inc.
1420 Spring Street
Silver Spring, Maryland 20910

Checker Taxi

IMMEDIATE OPENINGS

EXCELLENT EARNINGS

WORK ANY NUMBER OF DAYS, WEEKS, MONTHS

DAYS OR NIGHTS

- Work close to home or school

MALE OR FEMALE

MINIMUM AGE 21

APPLY

845 W. WASHINGTON

6:00 AM to 6:00 PM DAILY

8:00 AM to 11:00 AM SAT.

CALL 241-1014
Algae as Oxygen Source for Life Support in Interplanetary Travel

Algae, the most primitive members of the plant kingdom, are extraordinary in a number of important ways. They are capable of existing in environments where no other vegetation can exist, growing rapidly at temperatures extremely hot or extremely cold, in fresh or brackish water, independently or in parasitic association with other plants and animals.

Their nutritional value makes them highly promising as a potential food source here on earth and on outer space missions. Their use as an oxygen source for life support systems in interplanetary travel is also being actively explored.

At a more fundamental level, they are providing invaluable laboratory tools in elucidating important biological mechanisms basic to all living organisms. In particular, the algae in both plant and animal, have assumed the structure and shape that they have, and have biochemical substances necessary to cellular metabolism, such as enzymes and hormones, influence cell form and cell function.

The data collected is pertinent not only in understanding normal cell growth and multiplication, but in cancer research as well.

Algae have proven a rich storehouse of knowledge for basic biologists, both plant and animal. They are small and amenable to cultivation. They also grow rapidly and their productive processes occur fairly quickly.

Among them there is an amazing diversity of form, yet most algae have a simple body plan that makes them easier to study than more complex organisms.

Unfortunately, however, in present only a small number of developmental biologists are working with algae, and there has been little concerted effort to set up algal test systems in research.

One reason is that few scientists know much about these simple plants. Algae are usually dismissed only in elementary general botany courses and as yet most graduate schools do not have an algae on staff. Another reason is the presumed difficulty of collecting identifying, and preparing algae in the laboratory.

Need Help

(Continued from page 4)

To learn more about CAVU, we select our engineers and scientists carefully. We train them well. Give them the equipment and facilities only a leader can provide. Offer them company paid, graduate education opportunities. Encourage them to push into fields that have not been explored before. Keep them tracing for a little bit more responsibility than they can manage, challenge them will they do manage it.

Your degree can be a B.S., M.S., or Ph.D. in MECHANICAL AERONAUTICAL ELECTRICAL CHEMICAL CIVIL MARINE INDUSTRIAL ENGINEERING PHYSICS CHEMISTRY METALLURGY MATERIALS SCIENCE CERAMICS MATERIALS ENGINEERING SCIENCE ENGINEERING SCIENCE ENGINEERING MECHANICS.

Consult your college placement officer or write Mr. William L. Shuler, Engineering Department, Pratt & Whitney Aircraft, East Hartford, Connecticut 06108.

CAVU might also mean full utilization of your technical skills through a wide range of challenging programs which include jet engine development, military and commercial aircraft, gas turbines for industrial and marine use, rocket engines for space programs, and tests for space vehicles and terrestrial uses, and other advanced systems.

ATTENTION: STUDENTS

Will you be typing in college or looking for new career? 24 Hour Services National Typing

1941 S. Ridgeway, Bloomington 474-9533

TYING

If you need help in solving your typing problems.

Call Dotty 251-2017

No job is too little or too big.

IT'S TIME TO COME TO WORK!

TWEED! WOULD you like a chance to be a part of the industry that has taken the lead in developed computer science and put it to work in the real world? Would you like to be a part of a team that is producing and distributing the most advanced equipment and systems in the world? Then come to work for us at Tweed.

We have a strong tradition of innovation and leadership in the aerospace industry. We are currently involved in projects that are changing the way we live and work. We are working on projects that will revolutionize the way we communicate, travel, and entertain ourselves.

Our engineers, scientists, and technicians are the driving force behind these projects. They are the ones who are designing, building, and testing the cutting-edge technology that is changing the world.

We are looking for people who are excited by the challenge of working on projects that are truly groundbreaking. People who are not afraid to think outside the box and take risks in order to achieve success.

We offer a competitive salary and benefits package, as well as opportunities for professional growth and development. We also offer a supportive work environment that values teamwork and collaboration.

If you are interested in joining our team, please visit our website or contact us directly. We look forward to hearing from you.

HEW Task Education Office

A special emphasis on education activities of the Federal Government. Review current programs for needs and help develop recommendations. Assist on committee assignments. Report to Office of Education.

The position is open to the highest qualified applicants. The salary range is $80,000-$100,000.

ATTENTION: STUDENTS

Will you be typing in college or looking for new career? 24 Hour Services National Typing

1941 S. Ridgeway, Bloomington 474-9533

TYING

If you need help in solving your typing problems.

Call Dotty 251-2017

No job is too little or too big.
**Announcements**

**Visit Rock IT**

IT's Theater group, "BETWEEN THE LY AND THE EUCLID BOX," needs help in producing "Visit Rock." If you have talents in motion picture and slide projections, lighting and sound effects, music, photography, and poster design creation, please attend the first production staff meeting tonight, Dec. 12, at 7:30 in the HUB. Also, you all P.E. geeks, it’s time to do your thing: "BETWEEN THE LY AND THE EUCLID BOX" needs help with the publicity of "Visit Rock." If your bag is news or release writing, copy, creative art, poster posting or anything, and you want to do it, make it at the next rehearsal, 7:30 Monday in the HUB, or stick up the Monster, especially Nappily, and David Wyse, at 225-2420.

**WIT Sunday Showcase**

Mike Andrews presents three hours of commercial, progressive rock, progressive music that has made it, somewhere, to the top forty airwaves, on WITW Showcase, Sunday, 9 p.m., 640 AM.

**Israel evening**

The International Club of IT is presenting an Israeli evening on Wednesday, Dec. 17, at 8 p.m. in the HUB. The evening will include movies, slides, and a short talk about Israel. There will also be Israeli food and music, as well as a photo exhibition. General public is welcome.

**AIChE**

AIChE will hold a meeting Tuesday, Dec. 16, in 108 Peirce Hall. The speaker will be Mr. T. M. Jenney with his topic "The Chemical Engineer in Management." Also, there will be a serious business meeting to elect officers for several open positions. All interested CSU students are welcome to attend.

**Work for Draft Repeal**

The Friends Committee on Legislation is holding an organizational meeting tonight at 7:30 in room 320, 467 S. Dearborn. The purpose of the meeting is to organize for action to educate and mobilize people for repeal of the draft. Persons unable to attend but wanting to work for draft repeal can call Richard C. Weston at 427-0504, or write him at the above address.

**Karee Club**

All members of the Karee Club interested in taking part, please attend the meeting Monday, December 15, at 7 p.m. in Kent Hall.

**Homecoming**

Homecoming hats and posters will be sold at the "All Night Party" Saturday night. Both hats and posters are $5.00 each, or $8.00 each in quantities of 10 or more.

**Slide Rule Contest**

Yes, even Tommy Techhawk can be part of Homecoming. Tommy, bring your slide rule and enter the Slide Rule Contest, Saturday night at the "All Night Party."

---

**Arlo’s Flic Shows Plight of U.S. Freak**

"Alone’s Restaurant" first came out as a little known album by a singer who’s only claim to fame was his father. A few enterprising disk jockeys began to play Arlo Guthrie’s album, and soon Hollywood made a movie of it.

"Alone’s Restaurant" could be termed a humorous essay on the plight of the freak in America. Each phase of the movie features a new at parts of our "established" society, college, rednecks, druggies, and of course, the pigs (the man, the law, the police, whichever you prefer).

The film is tied to the song, but is also a film essay on the life of Arlo Guthrie. The film begins with Arlo’s attempts to stay in college and his subsequent failure. He then sets out to seek fame and fortune in the entertainment world. The movie flashes to Alice in Ray and Ray Brook preparing to occupy the church they have bought.

Arlo comes to see Alice and Ray and the Restaurant is built, the town is shocked, and the kids try to build a Utopia.

The humor of the film is high, in more ways than one. The acting is done fairly well, except for the part of Ray, which is a bit overplayed. The movie’s good feelings are almost lost with the death of Arlo, and the in-irable death of Alice and Ray’s Utopian society. But hope is left in the viewers minds that it is someday all exist again.

---

**HEW Creates Task Force On Education Ills**

A special task force has been created to coordinate student-related activities within the Department of Health, Education, and Welfare, J. Allen Jr., Assistant Secretary for Education, announced recently.

The new group, the Task Force on Students and Social Change, "will work toward setting a climate for needed changes in education and helping to make HEW more responsive to student needs," Dr. Allen commented. He added that emphasis will be placed on programs and activities of the U.S. Office of Education.

The task force is a product of recommendations made in a recent report by the HEW subcommittee on Easing Tensions in Education. The establishment of an Office of Students and Youth in the Office of education was one of the recommendations.

"Increasing public understanding of young people, expanding educational opportunity in our Nation, and improving quality of secondary and higher education are among the goals established by this new group," Dr. Allen said.

The task force also will strive for increased student participation in both government and social programs, and for the development of channels within the government for discussion of student concerns," he added.

Members of the task force will travel to schools and colleges to promote communication between the academic world and the general public. Eventually, an evaluation of the issues by the committee is expected to include a large number of task groups will be formed to develop programs and strategies aimed at meeting specific problems.

---

**IBM**

"My engineering degree helps me sell computers."
Editor’s Strive, ITS4A Demands As “Big News” in Semester Review

TECHNOLOGY NEWS

December 12, 1999

I, a Blellum

by E. Michael Blake

In view of the recent pronouncement by F&W Security-Schnick Schnick that cyclamens are dangerous and must be removed from the market, and further investigations by Senator McGovern’s Nutrition Committee into the possible dangers of chemically derivediaed chemicals in baby foods, I feel it is my duty as a responsible citizen to take part in further endeavors to hunt out the truly dangerous substances we inadvertently use every day.

As a result of my investigations, I hereby present the awful truth about an element all we take for granted—that killer of millions, hydrogen oxide, commonly called water.

A systematic experiment was carried out on several lab animals. As a means of obtaining decisive data, each of 40 hamsters was fed 67 gallons of water in the space of two days. It was observed that all—not just some, not merely a large percentage, but all—exclusively died of the affliction referred to in pathological circles as ‘drowning.’

The fact that human beings could likewise be affected was hard to avoid at that point, but our team of researchers, after much deliberation and labor, was of the opinion, and with every reason for it, that all the precautions and precautions, including the best, had been taken to make sure that ‘drowning’ did indeed affect man. So, an experiment involving human factors was set up.

Their conception certainty, the facts bear out the theory. The people involved (who, incidentally, belonged to rival research teams) suffered from ‘drowning’ as unannoyingly as the hamsters had. Our team resigned to the findings I present here: ‘water’ kills, kills all, without mercy. Our entire team immediately swore off all use of this killer.

Further information reached us, information that literally left us stunned. It seems that there are vast open reservoirs of this deadly liquid in or near our country’s heartland. Not only in our nation surrounded by ‘oceans,’ which contain salt with the dreaded drink, but it is crucified and patterned—literally drenched—with unguessed ‘water’ sources, many of them verging on our cities.

In fact, the only cities that appear relatively safe are high-and-dry hamlets like Denver, Indianapolis, Atlanta, Oklahoma City, and Toledo, and, of course, Cleveland, a city that may have solved its ‘water’ problem. The area called ‘Lake Erie’ now contains almost no ‘wat-er,’ thanks to Cleveland’s vigilance and cleverness. Over the years, the city has dumped all its waste into the ‘Lake,’ eliminating any washing incentive by some uninformed citizens to drink the deadly ‘water.’

But the discouraging news of all this had not yet dawned on us. In a matter of hours after our joint pact toawan off ‘water,’ we all grew terribly nervous. Our research director diagnosed our group affiction as ‘thirst,’ a dryness of the throat (and, ultimately, the entire body) brought on by the absence of ‘water.’ This was the worst news yet.

(Continued on page 8)

Looking over the files of back issues of Technology News, this paper finds itself in one of the most ‘newsworthy’ in many a year. Although it cut in our budget several years ago, a 15% increase over previous sales was given, effective October 1. In October of 1997, employees will be given another 7% increase. The strike that was supposed to stop many services on campus, nearly 300 industrial student ITS4A and the ITS Board of faculty on October 8 and demanded the power to make final decisions governing student life in the IIT student community. At the special meeting, the Board voted to: (1) Declare final paralytic efforts in effect from 6 p.m. Friday to 2 a.m. Monday; (2) Declare that already on the staff, including freshmen, are eliminated; (3) Declare free distribution of literature by any member of the IIT community without restriction, except to the Dean of Student Outreach; and (4) Refuse to recognize the authority of the IIT student magazine, the discipline structure is reorganizaed.

A rally, attracting nearly 500 students, was held the following day to discuss when to test these demands, and a large vocal minority could be heard saying that last-minute notice, delays, and general delay on the part of the Board mean the IIT community stand on notice of any action.’

The next step is to pressure the Board to make it clear what the IIT community stand on notice of any action. The Board members are standing down in the Board members’ Office for the time being.

New EIC: Latent Student Talent Needed to Save TN

The staff problems which led to the resignation of former EIC J. R. Morison, and have led in part to the early return of former EIC Mike Kaus, still remain. The problems, in particular, are a shortage of newspaper experience, a lack of understanding of journalistic practices, and a lack of proper organization from the top.

The reasons behind these problems are several. They include the failure of the organization to properly train and recruit new staff members, the lack of student interest in joining the staff, the lack of communication and imagination of members already in theCanvas, the lack of foresight and planning, and the heavy workload which a predominantly engaged student body cannot bear.

Nonetheless, I am sure that there is a great deal of unrecognized and untapped journalistic talent within the IIT discipline. Many student staff members, past and current, have joined the paper with little or no experience and have managed to weather the storm. They have also scheduled their time to pressures and deadlines and to allow them to make a contribution to their student community.

Unfortunately, much of this latent ability has been dormant for some time. As the IIT community News is concerned...

It is not my intention to dwell on the subject of staff problems, however, but rather to solve them. To do so, I must, in a word: NEED. To solve these problems, we need the support of the student body. We need...
**EDITORIALS**

**Blast IIT Anti-Student Tactics**

It is customary for the last issue of Technology News to 'reck the major accomplishment of student organizations at IIT. This semester began with encouraging promises from administrators that finally, students, faculty and administrators, working together, would formulate meaningful reform in student affairs. However, after reviewing this semester, we are non-plussed years. It is our intention to keep their breath in anticipation of up-coming change.

We present for your inspection, the IIT Administration Scoreboard.

**IIT Administration Scoreboard**

**Fall 1969**

Students on Discipline Comm. — NO
Referee: Online Structure — NO
Free Distribution of Literature — NO
Extended Library Hours — NO
Extended Gymnasium Hours — NO
Extended Vocation Hours — NO
Extended Women's Hours — NO
Handbook Revision — NO
Student Handbook Revision
Beer in Bog — a half-hearted — YES
plus
A $6000 cut in the FSA Budget

Although it would be foolish for IIT students to expect all of their 'revolutionary demands' to be approved by the administration, the administration's track record speaks for itself. IIT administrators will do anything within their power to keep IIT the unobtrusive "quiet oasis" that it has been in the past. It appears as if they are not an ideal IIT student is the 9 to 5, briefcase-carrying, EEL commuter student, whose extracurricular activities are limited to punching out computer cards to feed the all-knowing UNIVAC 1108.

Is this a realistic measure of today's Tech student? We think NOT. Witness the level-off of engineering enrollment, both nationally and at IIT, at IIT, Liberal Arts, Architecture, and ID enrollment has increased dramatically. For an engineering-oriented school such as IIT, such a shift in enrollment can lead to a future of academic mediocrity. IIT shall remain an also-ran in the competition for academically superior non-engineering students until it recognizes its students as adult individuals, and not as slide rule manipulating robots.

For the first time, IIT's entering freshmen, the class of '73, came to our south campus with no stronger academic credentials than the freshman at the University of Illinois. If IIT intends to remain ahead of this growing distance in engineering (and it appears as if it is their intention to create an technically competitive LA colleges and a liberal studies engineering curriculum), then the Liberal Arts college will have to be filled with superior students (even females), not engineers.

Educational opportunities for non-engineering students at IIT are exceptional, very few low student faculty ratios mean individual efforts easily recognized and supervised. However, what prospective student would want to attend a college where the student union stands deserted, where resident students flee for anywhere else on weekends, where student activities are crippled by a ridiculously low student activity budget, and where there are no facilities open late at night or on weekends? Why wouldn't a university that cares enough to provide its students with reasons to stay on campus?

IIT has overstretched itself in an effort to expand its Liberal Arts College. Consequently a $700,000 budget deficit is expected for this fiscal year. Prospective students are unreasonably to ask for money to keep the library and gym open, not knowing how about it is to keep them closed.

It is not unreasonable for students to expect the administration to grant privileges here that are unquestioned rights at first-rate universities. Besides, it doesn't cost anything to offer them. At least, our administrators support what little pride and school spirit that Tech students possess. It is asking too much.

Appropriately so, in action more real representation of administrative attitude than the repeated reassurances uttered at this early session. Academic Vice President Brophy has refused to consider the traditional cancellation of classes Friday afternoon for student participation in Homecoming.

**G. C. W.**

**LETTERS**

**Techhawk: Join in ‘Springs ’69’**

Dear EIC and Tommy Techhawk,

Why must "Techhawk" be a negative word? This year, Techhawk, and we don’t want to exclude you Archies and IDs, you or you struggling liberal arts majors—this year, Techhawk things are different—come out of that roost! Homecoming is more than an experiment, more than an event Friday and one Saturday. Homecoming is an all-weekend experience.

The atmosphere this time is total; the weekend is wild. Come to the bonfire Thursday, watch the Techhawk flight North Eastern, but don’t stop there. Friday evening, a kind of ceremony that Saturday almost everything. Two shows

Friday include Food, Biff Rose, and Buddy Rich. Everything imaginable is coming within the 24 hours starting 7 pm. The game against Princeton. Then the action really starts.

All at the All-Night Party—vintage movies, prestidigitation supreme, talented members of the Junior Class ready to sing and dance their way into your hearts, slide rule problems designed for your engineering pleasure by our own Dean Bombo, theme bands, continuous coffeehouse in the Bog, the world’s worst banana band, and, before breakfast at 5 am, our own contribution to the installment—pray now, sleep later.

Homecoming Committee

**LETTER POLICY**

Letters to the editor on articles previously appearing in TECHNOLOGY NEWS and articles for the Forum column are welcomed. Such letters must be typed (double-spaced), signed, and written in good taste. Anonymous letters to the EIC will not be printed, but the writer’s name will be withheld upon request. Articles for the Forum must be submitted with the author’s signature.

**Cops Fed Free**

Dear EIC,

I was somewhat mystified to read a few advertisements for the Winery at 234 West 31 Street in the latest issues of Technology News.

And I was much more mystified to find out that a student Dan Daves was printing this place in the October issue.

A number of students might be interested in reading that the Winery was known last year as Bobby's Snack Shop, that Bobby's Snack Shop was giving free sandwiches to policemen on duty during the massacre of August, 1968.

Saturday at 7 pm. Most sincerely,

J. M. Baryla
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 9, 1970

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
- Microrocketry Engineering
- Space Systems Engineering
- Don Ball Projects Engineering
- Circuit Design Engineering

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

---

**Air Force ROTC Offers Pilot, Navigator Program for Sr. Cadet Candidates**

by Dan Huns

Applications are now being accepted for the Air Force ROTC two-year program and especially to apply are those interested in becoming a pilot or navigator.

The Air Force has a Flight Instruction Program (FIP) for cadet pilot candidates during their senior year. The candidate receives ground school instruction as well as in-flight instruction from a private airport and at no cost to the cadet. Upon completion of the program, the cadet can very easily obtain a Federal Aviation Administration Private Pilot's Certificate.

Presently at IIT, Wayne Crane and Jim Pohoski are Pilot candidates. Robert Rumili is a navigator candidate.

Ray Gortzinger, who is still at IIT, completed the FIP last year. In an interview with Technology News, Mr. Gortzinger explained the in-flight part of the instruction.

He flew a Piper Cherokee and was based at the Hinsdale airport. After receiving elementary instructions, the candidate is allowed to solo. New in-flight instructions are then given by the instructor before each solo practice period. "Being up alone is the biggest thrill," according to Ray. He went on to comment that the ability to go anywhere, to see altitude as well as horizontal distance, was one of the new feelings experienced in flight.

The simultaneous varying of the above and speed made landings challenging. Flight was a combination of "scare and enjoyment" for him.

Those who are not presently in Air Force ROTC can participate in the FIP through the two-year AFROTC program. Two-year men attend a 6-week Summer Flight Training period prior to entry into the program. Officer candidates must pass a written entrance exam (Air Force Officer Qualifying Test), pass a physical exam, and be selected by an Air Force interview board. In addition, FIP candidates must have at least 20/20 uncorrected vision (i.e., no glasses or contact lenses), pass a special pilot's test and submit to a rigorous physical examination.

These interested in the FIP or the two-year program should contact the AFROTC administration office, 117 AB. Appointments should be made now, because of the large amount of forms and examinations required for entrance.

**Blellum**

(Continued from page 6 of all... water is added to our... is too discouraged by this insurmountable dilemma to continue. And too thirsty. We never put water in the water reservoir, the human race must rely on what we have. So, I hereby propose a government-sponsored program of water rationing. To this effect, a National Guard detachment will be stationed at every water outlet in the country—including the ones classified as "travellers', ponds' and 'bathrooms'. Also, it shall be a federal offense to attempt suicide by being rendered during the phenomenon known as 'water'..."

Strict measures! Perhaps. But such measures would have saved thousands from the Black Plague in the Middle Ages. It is our responsibility to save the human race whether it likes it or not.

---

**Grampus**

(Continued from the previous page... the record of matches played... the entire College (except 9 men...). The Tuesday College football match between W.U. and Williams...

W.U. took down 171 IIT men,... three wins in their opponent's... 147 lbs. 17, followed by 5-5-5, Williams...)

In a recent match of W.U. and Old... Tom Strong... a victory match with the... Universities... the efforts of Paul... and Mack Madsen... The football brought the... commitment. Herb... and W.U. matches (all 134 lbs. in the... that, Tech... Pat, Flex, Grampus... A cockroach, a... heavy"

For sale at the... a slinky, or... offer. Come in and...
### Grapplers Win Second

Good form and determination, seen in Tech wrestlers, has earned the Tech team a very respectable record of 2-1 for the first three matches of the nine planned for the entire season. Defeating Lewis College 18-7, and losing to University of Wisconsin 25-9 (both away meets), Tech wrestlers came home Tuesday night to defeat Aurora College 26-14 in a well-fought match between the two.

Wednesday's match (Dec. 3) saw Tech come from behind after being down 17-4 with only two matches remaining. Up to this point, Lewis seemed to have the edge. Our first three wrestlers were unsuccessful in their attempts to defeat their opponents. Next Larry Foster at 142 lbs. defeated his opponent 13-7, followed by Bob Mcelroy, who tied 5-5. Captain of the team, Ron Rothrock overcame his man 14-0. At 177 and 177 respectively, Pat Williamson and Jim Brod each lost.

In a rising surge to pull the match out, John DeGraff at 190, and our heavyweight bouncer Tom Sterley each pinned their man to salvage the match, 18-7, a victory greatly deserved. This match was followed by the second away bout with University of Wisconsin. Despite the efforts of Foster (142 lbs.) and DeGraff (190), who each won, and Mcelroy (152) who tied, Tech wrestlers lost 25-8.

The third match for Tech brought home an exciting engagement, terminating in the defeat of Aurora College. The first three matches were lost (118, 126, and 134 lbs.), the first being by forfeit due to non-participation. After that, Tech points fell to the positive side. Pat Williamson and Larry Foster each won, 5-3 and 10-4 respectively. Next Captain Rothrock pinned his man, and Jim Brod followed suit, DeGraff going on to win by forfeit. Aurora's "heavy" barely squeaked by with a 5-4 win. The scoreboard read 18-7, another Tech wrestling victory. The last match of this year (1969) is another away match, a Quadrangular at Carthage. Coach Tony Barbara and his team have shown real enthusiasm in their sport, which should prove a factor in the future success of the team.

### Tankmen Drown Elgin Community College

In their first outing of actual competition, the IIT Mermans took to the pool and romped Elgin Community College. The swim team looked impressive and took a first in every event except for the diving competition, in which we had no entry. In the first meet the opponents forfeited, so, as of the writing of this article, the team has won two wins and no losses. This is very remarkable because the swim team has only eight men, who have to participate in eleven events, two of which take four men each. If anyone is interested in swimming you may still come out. Your participation would greatly help the team.

- **Lineup:**
  - 100 free style—Bill Bielinski
  - 100 free—Conover
  - 100 backstroke—Conover
  - 100 breaststroke—Bielinski
  - 100 medley—No entry

- **TOTALS:** 110-57, Elgin—29.

### Swimming Schedule

- **Dec. 13** Northeastern College
- **Dec. 18** Wheaton College
- **Feb. 9** Wright Jr. College
- **Feb. 14** Lake Forest College
- **Feb. 18** University of Illinois
- **Feb. 20** Milwaukee Tech
- **Feb. 26** University of Chicago

---

**COLLEGE STUDENTS Part Time Employment**

$3.95/hr.

2:00 - 10:00 pm shift

4 day minimum per week

Opportunity for Full-Time Employment Over Christmas

For Appointment Call 263-0618

---

**You’ll never get anywhere without it.**

Nothing helps a young engineer's career like being given a challenge. Which is another way of saying there’s always a chance to fail now and then, to make his own mistakes.

At Western Electric we give our newly recruited engineers responsibility almost immediately. They make their own decisions, on a de-centralized basis, and we don’t get us wrong. We keep our demands reasonable enough so that our recruits can make their decisions at their own pace. But our thinking is, a man feels awfully good about even a small decision when it’s his.

If you’re the type who’d like the chance to make your own moves, see our recruiter or write College Relations, 222 Broadway, New York, N. Y., 10022. A lot of hard work never hurt anyone.
Looking Backward

With another year at an end, the Tech Sports Believe that a review of the past year's events should make manifest high aspirations for the 1969-70 season. It must also be realized that this staff acknowledges the hard work and diligent practicing that athletes have accepted, and thanks them as we're sure the student body does.

This year's cross country finished its season with 7-1-1 season. Led by outstanding performances by Jerry Wilkes and Bob Ivarson, these Hawks finished with a respectable record, despite the fact that the team fell short of its expectations. The potential seen in the "Hawks" failed to materialize, thus leaving the team without a strong base to work on. This then left only a few runners with the responsibilities of carrying the whole team. The formation of a spring activity, such as track, would help develop more and better runners and thus facilitate the plight of the fall's cross country.

Probably the best examples of Tech Power is seen in Coach Ed Biltke and the bowling team. Rampaging through the first half of the season, Tech bowlers took all of the 34 points available to them for four games (11 points per game), putting them in sole possession of first place in their league as well as the North League. The closest rival, U. of L. 1, or IU, was even defeated soundly by the Tech "Alley Cats." It is particularly true for this year that the 70 season looks bright.

Tech wrestlers under the leadership of Coach Biltke and Captain Ron Rostruck have earned a 2-1 season thus far as they prepare to enter the Ohio Quadrangular at Carthage, Dec. 13. This team has shown considerable determination also in their efforts to move into the state championship. The strength of this team, particularly in the upper weights, shows great confidence in winning the 70 season.

Up to this point, L.U.T.'s basketball varsity sport a 2-1 record, with victories over Roosevelt and Grinnell. Backed up by player skill, the basketball team is also assisted by the experience of Head Coach Ed Biltke and Asst. Coach Joseph DeJong. The latter, an experienced guard from Lewis College, was described by Glancy as "a fine competitor and one of the best small college guards in the region," and the Grinnell. Together they led the Tech drive and "has displayed a steadiness and enthusiasm as in pre-season work establishing himself as the team leader," according to Coach Glancy. With this experience and skill, we can only hope for a "net total" of wins.

As far as intramural sports, the season saw Fart Hall defeat NORTC, in the 1st. football championship game. Both teams had shown exciting offenses and aggressive defense, but the championship game, Fart Hall defeated the NORTC team.

In IP Football, Triangle defeated Phi-Kappa in a defensive struggle. Each team, undefeated up to that point, showed the reason behind their unbroken record. But to reach this point, these two teams had to overcome the strong attacks of the others, none of which made a bad showing.

We are not able to make predictions about the Tennis team, since play will not commence for the rest of the season. However, the team is in a somewhat unstable, lacking a sufficient number of participants.

Non-varsity participation has been accounted for well in most intramural sports. Student interest even went so far as to initiate a voluntary volleyball league to alleviate the depleted, (or inflated) Tech Phys. EXCLUSIVE INTERVIEW

In an interview with ace communication staff member Phil Marti, cub reporter J. R. Morris asked him what he liked most about his job.

"Aside from the opportunity of being able to use my skills at 8 a.m. on Thursday, I particularly enjoy working in the real plush surroundings of the Bancroft Press, while piling up the numerous holes in the newspaper with trimmed up copy."