Federal Cuts Threaten Students

by Regina Balocchi

The stage is being set for a cold war. Demands (mislabeled “proposals”) under the auspices of the commands-in-chief broadcast a message that is loud and clear: "DEFENSE HEADS NATIONAL PRIORITIES". The end is in sight for governmental aid to social programs, the arts, and education.

At first glance the educational victims in the audience, Pushing reveals an even dumber picture: repercussions of the eighties will be felt for generations to come. In a society where tomorrow's industry is developed yesterday, the Reagan administration is not willing to invest in technology's most basic commodity: the college and university. Federal aid to education is being revamped and trimmed at very high risks.

Meanwhile, on the legislature's homefront, student service officers do not display the potential needed to hold the fort. To find out more, Tech News interviewed the newly appointed financial aid director, Charles Carothers. Carothers shared the following thoughts with us: Inevitably, this fiscal year represents a pivot point for hard times. The federal "proposals" outlined below were outlined at a recent FNSA administrator's conference attended by Dr. Carothers and other IIT representatives. For starters a second round of cuts involves:

- additional twelve percent cuts for BEOG (Pell Grants)
- b) strictly modified qualification guidelines for 1982 NDSL
- c) freezing all Guaranteed Student Loans

Such measures will be taken by the U.S. government in an effort to lower the two billion dollar deficit that currently exists as a result of federal aid to education.

These staggering statistics are generally blamed on students who work part-time, fail to pay their bills, etc. Carothers points out that about ninety percent of all federal loans are settled within the nine month post-graduate period that is allowed. Many IIT students depend upon the BEOG (Basic Educational Opportunity Grants - renamed Pell Grants), NDSL (National Direct Student Loans), and Guaranteed Student Loans for up to half of their tuition.

And, if that isn't enough, federal "proposals" place a tremendous strain on IIT Scholarships. To date, two types are offered: Funded and Unfunded. Funded scholarships are provided by individual or corporate donors, and are distributed on the basis of merit, area of study, etc. On the other hand, Unfunded scholarships are created by the Institute from collected tuition that is not used for university improvements.

According to Carothers, the Unfunded Scholarships will probably suffer the most under this axe-wielding. As federal and local aid to education decrease, so will enrollment. He sees educational costs soaring at a rate too difficult for IIT Scholarships to match.

If you're a foreign student, there's some consolation in knowing that IIT offers handsome three-year scholarships based on Grade Point Average (GPA) guidelines. (Of course national economic trends may alter these scholarships as well.) They operate as follows:

Soph - 2.5 GPA - 12 1/2 percent tuition break; Jr - 3.5 GPA - 25 percent tuition break; Sr - 3.5 GPA - a huge 50 percent tuition

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Technology News

Volume 111, Number 5
Illinois Institute of Technology
October 26, 1981

Victory For Freedom of Speech

by Andrew Press and Robert Aita

The DePaul University campus is still an uproar from the events of the past few weeks. The event was not another Blue Demon victory on the basketball court, but a victory of another sort.

The victory came in the editorial offices of The DePaulia, the student newspaper of DePaul University, settling a controversy that started with The DePaulia's publication of an article concerning the rape of a DePaul graduate student at the downtown campus.

While a terrible thing itself, the rape incident is not the issue. According to Vince Kellen, the editor, "The name of the victim was not published, and her anonymity was preserved." The real issue arose from the administration's reaction to the publication of the incident.

Upon learning that the article was to appear in the next issue of The DePaulia, Dean of Students, Father Croak contacted Mr. Kellen and threatened severe changes at The DePaulia if the article ever saw publication. Kellen also received a call from Al Kip, the paper's administration representative who recommended that the article be suppressed to avoid any possible repercussions from the victim or the administration.

Kellen then weighed his options. He could have submitted the pressure applied by Kip and Dean Croak, or he could have run the article and risked whatever action would be taken by the administration.

Kellen decided to run the story. He realized he was going against the wishes of Dean Croak and Al Kip, but there was something more important at stake here. The fact that an incident like a rape could be successfully suppressed in a paper that was mandated to supply student body with timely and objective information was contrary to everything a co-editor should believe in.

Knowing that when word of the article's publication reached Croak there was a possibility that the paper would be confiscated, Kellen arranged to have the paper distributed to as many locations as possible in the shortest possible time.

When Croak learned of the article's publication, he ordered all of the issues of the paper seized by Chicago Police officers along with the campus security force and the paper's staff suspended, with possible legal action to be taken by a Senate sub-committee against the editors.

The administrative clamp-down on the paper had succeeded if the news of what had happened had not reached the news media at large. The Sun-Times broke the story with the Tribune and the Chicago television and radio stations by running pieces about the shut-down.

At this point the administration backed down. The Reverend Father John T. Richardon C.M., president of the university, stated that the paper was not suspended and no action would be taken against the editors.

Furthermore, an emergency meeting of the Senate sub-committee was held shortly thereafter and it was decided that the paper was to be redistributed since the information contained in the article was already part of the public record; the committee also decided that a recommendation not to distribute the Oct. 9 issue

continued on page 3

Tech Expo Held

IIT held its annual exposition of numerous industrial representatives last Friday. Those who attended found the event enjoyable and enlightening. The many firms present at the event provided much information to the students.

Students discuss future opportunities.

Trike Rally!

Dope Pedalers take early lead in race.
WE’LL BE ON CAMPUS
NOVEMBER 3 & 4.
Be sure to attend our corporate presentation. Details and interview times available at your Placement Office.
A Victory

continued from front page

would not help to correct the fact that the story was already public. Indeed, such a recommendation might have lead to making the story even more controversial.

In the judgement of the committee, the story as printed in the DePaula was worthwhile, professionally and consistent with the common journalistic practices of timely and truthful reporting of all newsworthy items. The committee feels that the student body has a legitimate right to be informed and informed quickly, of any type of news, good or bad, that affects them, in order for them to make an intelligent decision regarding the issue.

The committee also recommended that the regular Senate Subcommittee on Student Publications review the vague wording of the policies governing the rights and restrictions of student publications, such as the DePaula. The actual part of the policy that is to be under review is the section dealing with the administration's right to assign a moderator to the newspaper. The committee thought that in order for the newspaper to have final say as to what gets published, Vince Kellen would like to see the policy modified so that the final say as to what gets published rests solely with the editor and not with the administration. Kellen is sure that if this issue would not have been resolved as it was, "was very seriously considering some type of legal action."

Hopefully this will not be necessary and the wording of the policy will be changed in favor of the press.

If you want to be an engineering star, see your placement office today.

Lockheed-California Company will be on campus November 19. See your placement office for details.

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A creative engineering career and three-day weekends in Southern California.

The Los Angeles Department of Water and Power, the largest municipal utility in the nation, has challenged career opportunities for ELECTRICAL, MECHANICAL, CIVIL and SANITARY engineering graduates.

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The Los Angeles Department of Water and Power offers very competitive salaries and benefits with the opportunity for three-day weekends.

We invite you to join us and become part of an engineering team working on the forefront of energy technology. Our recruiters will be interviewing selected engineering majors on your campus soon. Contact your Career Planning and Placement Office for an appointment, or write to:

Engineering Recruitment Officer
Los Angeles Department of Water and Power
P.O. Box 111 — Room 503
Los Angeles, CA 90051

An AAR (M) Employer

Federal Cuts

continued from front page

break! That's enough incentive to motivate the students to enhance our financial status. It takes a lot of work to contend with the student financial situation. It's impossible to avoid the many problems that arise with the college's financial status. Among his pet peeves: tariffs of paper and work philosophies which he finds to be often bone crushing work. The student body has come to be aware of his many problems and to work together with him. His colleagues at the university have come to know him for his dedication and for the fact that he benefits from his hard work.

In conclusion, students are urged to contact Dr. Carothers personally so that they may benefit from his hard work and dedication and get the most of what financial aid has to offer.
Which Way to Auschwitz?

Jim Brannit

What's the greatest threat to America today? Communism, Russification! Yet it's the Bill of Rights. The very freedom we cherish: freedom of speech, freedom to assemble peacefully, etc., are now in danger of being trampled by a totalitarian state.

Take, for example, the noon-to-6 p.m. TV news, just one of the many threats to which the American Nazi party seemed to march in pre-dominantly Jewish Soho. They weren't for the right to freedom of speech, we could have crushed the Nazis and that would have been the end of that. But the Fascists, who, if they had the chance would make America a WASP dictatorship, they get to have a nice parade in Soho.

An even better example of the paradox of freedom is the Liberty Baptist College in Lynchburg, Virginia. Liberty Baptist is the college of fundamentalist preacher Jerry Falwell, president of Moral Majority. Falwell is the dictator of liberty and has some strict rules governing that liberty:

- Students need administration approval before speaking on a date, which must be spent in a designated area.
- Two students cannot date if they are not of the same color—or, of course, of opposite sex.

Free and open enmity, and skepticism are forbidden. If anyone is not comfortable with something which Falwell doesn't like, he cuts off the money.

Students must be a born-again Christian to be admitted to Liberty Baptist, and, as part of the administration process, they must write autobiographical descriptions of their conversions.

Marijuana is strictly prohibited as is drinking, dancing and going to movies. Rock music, the "Devil's Antichrist" according to Falwell, is absolutely prohibited, as is country and western music.

Domino officials inspect the students' rooms daily, while a guard watches the single road entrance to the campus. In case of a snowstorm, students must sign out before leaving and they have to be back by 10:30 p.m.

And you thought the social life here was bad! Teachers don't get off easily, either. They can't have been divorced, and must avoid dancing and drinking beer.

All of these of regrettably restrictions are more.

The point is that America, as a free country, protects the right for this Alcatraz U to exist. Even though future Hitlers(3000 of them) are being brainwashed to destroy freedom in the name of Jesus Christ, the U.S. government stands idly by, doing nothing. C'mon, let's get the bastard out of here.

...and yet, if freedom of speech and freedom of will are valuable rights, the Liberty Baptist and Falwell must be able to try and take away those freedoms, and everyone else must have the right to try and prevent Falwell from doing so by taking away his freedom. If you understand the last sentence totally, you belong at Liberty Baptist College. In other words, freedom is for everyone and not just those who agree with you.

...Aw, bullshit! Let's get the bastards, for Christ's sake.

Learn to Fight Your Investment Phobias

by Craig Glenn

In my mind fear is the only reason people never reach their goals (assuming they have any). Fear will stop you cold. It can keep you trapped in a major that you hate or one that is leading you nowhere. It will keep you from being responsible for your own financial needs and security. During my investing I've picked up five "philosophies" on fear. They describe different types of fear and what to do about them.

A confused mind always says no. If you are confused about how you are to accomplish your goals, you just won't accomplish them. You can't accomplish them because you don't think you can. Faith and confidence are the exact opposite of fear and confusion. Use them as the quest of your goals.

The paradox of analysis. When a child is afraid of the dark, he usually thinks there is some slimy creature hiding in the room, waiting to attack him. A quick solution is to turn on the lights and make him sleep for it. There is an adult counterpart, but it doesn't work very well. It says if you are afraid, read up. Settling is great because it helps eliminate confusion; just don't get paralyzed. In other words, don't read too much. Get out and do something.

Pronation. If you keep putting yourself out, you'll never get anywhere. Don't laugh. Pronation is not something you can get into hot water. Even worse, it just puts you on the same page with your past. Fast. Ask yourself, "What are the consequences of non-action?"

Head-in-the-sand syndrome. People who are afraid to do anything do nothing. And so they get nowhere, with their heads sticking out where they wanted to be in the first place. They would rather sit around with their heads in the sand. It is very comforting that way. They don't have to think much. Enough said.

Fear of asking for what you want. Some people are afraid to ask for a raise. Afraid of making a buy. Afraid of asking for a loan. Afraid of buying anything. Afraid of asking for a date. Afraid of doing anything. Why, some of us are even afraid to ask for a date. Try this: Approach a friend. Ask him (or her) to raise his right hand high in the air. Then ask him to touch the tip of his nose with his outstretched hand. 'I'll bet it's amazing what people do if you only ask. The worst thing that could happen is that they say no. That never hurt anyone. The best thing that could happen? The sky is the limit. You've got the world to gain and nothing to lose.

Fraternity Brothers Are Not Friends

Regina H. Bouchet, a graduate student for Technology News is a 1981 Chicago Tribune Poetry Contest winner. The poem, "Teetertrotter," is one of her early works from 1979. It was awarded a cash prize and an appearance in the October 11, 1981 issue of the Tribune Magazine. Regina was also a recipient of the 1981 Poets and Patrons Award, and was honored at a luncheon on October 17, 1981.

Regina has been writing poetry since the age of seven, and has stayed with it ever since. While at Roosevelt University, she participated in a poetry workshop, producing several pieces that were published in Poetry Magazine, and several poetry collections published in New York and Chicago.

There's a heavy kid at the bottom of this season
Because I'm afraid of heights, he keeps me suspended in midair, screamed only by my fears.
I spot a streetcar
in the middle of the road of Hartigan School.
I am eye-level with the top ring of telephone poles.

And, through a high noon
much of late June shining,
Rather than sobbing down at a smiling fat kid who does not play fair,
I spot a main ringing
a screech bell
That talks the end of yet another childhood fear.

Copyright 1979 by Regina H. Bouchet
WOU, your student radio station, is distributing this questionnaire to help us improve the quality of our programming, please take the time to answer the following questions and drop your answer off at the HUB, WOU office in Main Building, or McCormick Lounge.

Male  Female  
Afro-American  Asian  
Caucasian  Hispanic  
Other (specify)  

1. Have you heard of WOU 88.9 FM radio station?  
2. If yes, do you listen to WOU?  
3. What type of music do you prefer?  
4. What times are you in the HUB?  
5. Do you live on campus or do you commute?  
6. If commuter, do you live in the ITT community?  
7. Would you like to have WOU played in the HUB?  

THANK YOU FOR YOUR COOPERATION!

The Technology News Challenge

Puzzle Four  Solve it and you could win a $5 purchase from the Mart By connecting four points in the grid shown, you can draw a square (the points being the corners). Two such possibilities are shown. 

(a) What is the maximum number of squares you can draw?  
(b) Delete six points from the grid, so that not even one such square will exist.

All entries; accompanied by name, phone, and address; must be turned in by noon, Friday, November 6, 1981.

Answer to Puzzle Three:
Equation: \( 10 \times N + N(N - 1)/2 \times 4 \) equals \( 40 + 7(N - 3) + (N - 3)(N - 4)/2 \times 3 \times 2 \)

solution: \( N1 = 5.73 \)  \( N2 = 19.27 \)
The two families meet twice. First on June 6th and later on June 20th.

Bikal Hasan was the winner of Puzzle Three. The prize must be claimed by noon, Friday, Oct. 30.

Getting Your Degree? CONGRATULATIONS! (got somewhere to go?) Career Placement Registry (CPR) Can Show the Way

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Why not let Dream Corp. come to you? CPR could be the answer. We’ve an information service that will give over 10,000 employers in 44 countries access to your complete records. (Any idea how much stamps for 10,000 letters would cost?) Here’s how it works: You fill out a short form, listing your career and geographic preferences, your special skills, your GPA. This information is fed into the DIALOG Information Retrieval Service—a system used by businesses large and small, by research firms, accounting and insurance companies, publishers, advertising agencies, international and multinational corporations, most of the Fortune 1000. Employers search through computer terminals for a combination of factors, such as your degree, your language, your extracurricular background, and so on. If you have what they want, you won’t have to get their attention. They’ll come to you. 

Instant access, instant searching, instant results. All for $8. Contact your Placement Office for details and student entry forms, or fill in the coupon below.

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REPUBLIC STEEL WILL INTERVIEW ON November 3 - an equal opportunity employer
announcements

A Chance For The Better?

Students attending Illinois colleges and universities will be able to request federal, state, and campus-based financial aid for the 1982-83 academic year by filing the new FAFSA form. The Illinois Student Assistance Commission has discontinued its own application form next year, and will be processing only the FAFSA. The Illinois Student Grants Program Financial Family Statement (ACT/FFPS), the College Scholarship Programs Financial Aid Form (CSS/FFAF), or the Pell Grant form (Pell) must be sent directly to the Illinois Student Grants Program. All forms should be postmarked by March 15, 1982. Each university will process the forms when they are received. To obtain the necessary information, call 1-800-423-6923 for inquiries.

Know Your Stuff?
The Engineers-in-Training Examination is fast approaching. The application form filing deadline is November 1, 1981. The exam itself is to be held on December 3, 1982. The Armour College Deans’s office has all the information and forms required.

Are You A Glamour Girl?

Illinois students are invited to participate in GLAMOUR Magazine’s 1982 Top Ten College Women competition. The program provides financial awards to college and universities throughout the country who will compete in GLAMOUR’s search for ten outstanding students. A panel of GLAMOUR editors will select the ten awards. The awards will be held in GLAMOUR in academic studies and/or in extracurricular activities on campus or in the community.

The 1982 Top Ten College Women will be featured in GLAMOUR’s August College Issue and will receive a $3,000 cash prize. Announcements in Illinois in the entering class should contact Sandra Dawson, DOS, 2010 Armour Tech, for more information. The deadline for submitting an application to GLAMOUR is December 15, 1981.

Is Technique Everything?
The IEEE Computer Society will sponsor an IBM presentation of CAD/CAM technologies and a lecture on October 29 at noon in room 1101 ENSRN.

Where’s HOT TIX?
The League of Chicago Theaters, sponsors of the highly successful HOT TIX booth, announces continuation of the booth’s move to the State Street Mall. Sponsored by the League of Chicago Theaters in conjunction with the City of Chicago, the HOT TIX booth offers half-price, day of performance tickets to theater, music and dance events throughout the Chicago area. For more information about HOT TIX, people can phone the HOT TIX “hotline” after 11am weekdays (10am Saturdays and noon Sundays) at 977-1755.

CS Anyone?
The Christian Science Campus Counselor, Sue Poppen, will be in room 300 of the HUB on Tuesday, November 30 and December 1 from 1:30-3:30. Anyone interested in forming a Christian Science organization at Illinois is urged to see Sue Poppen. 943-6246 or Kvasin Blaard 502-3057.

Old Swiss or New?
The College of Architecture Planning and Design announces its next offering in its 1981 Fall Lecture Series: “Contemporary and Traditional Swiss Architecture,” presented by Prof. Werner Blaser, Architect, of the ETH (Polytechnic) University of Zurich. The lecture will be held on Tuesday, October 27 at 4:30 pm in Washilton Auditorium. In conjunction with the lecture and the exhibit, “Architecture Switzerland” 70/80, an exhibit of 37 selected and distinguished projects/works of contemporary architects, will be installed in the IIT Bookstore on Tuesday, October 27 from 2:30-5pm in Room 300 ENSRN.

Want A Turkey?

International Students: are you interested in spending the Thanksgiving holiday with a friendly American family downtown in Illinois? Or, what are you doing over the Christmas break? Why not spend two (2) weeks in a city of your choice with room and board provided. For information, come to the International Office, Room 110, Pard Hall.

Any Relics On There?
The IIT ACC User’s Guide is now on sale in the bookstore and the ACC office in 017 SB, for $9. The manuals contain a wealth of HELP texts of general interest.

The book: “Getting Started on the Prime” is now available. It is for sale for 75 cents in the ACC office, room 017 SB. Any user will be given a copy FREE in trade for any old version of the free-to-read-page "Prime User’s Guide", or any similar document. The old documents are totally out of date and full of misinformation.

The IIT Academic Computing Center Seminar Schedule is as follows: On October 27, 2:30 pm in 029 EE— "Microcomputer Hardware"; On October 28 at 2:30 pm in 029 EE— "Source Level Debugging"; On November 3 at 10:30 am in 029 EE— "Getting Acquainted with ACC"; On November 4 at 2:30 pm in 029 EE— "SOFTWARE 777". The seminars begin at 2:30 pm in Room 111 SB— "Scientific Information Retrieval System" and on November 10 at 1:30 pm in 029 EE— "Gentix" on the Prime. "A Little Bit O’ Magic?"

Music, magic, and mystery features Gilbert and Sullivan’s "The Sorcerer" on November 6, 7, and 8 at the HUB. Performances are at 8pm Friday and Saturday, with a 3pm matinee on Sunday. Tickets are $5.40 through Illinois student union, and may be ordered by calling 761-5502. Group rates are available for parties of 20 or more.

Eileen Martin directs this comedy of confusion caused by a love misconception. The cast of 20 performs under the musical direction of Arpad Bars.

Reruns Again?
The “Master Films” program series will present the following features in the coming weeks: Thursday, October 29, "Making of Star Wars: Episode IV"; Thursday, November 12, "Romeo and Juliet." All films are shown in McCormick Student Residence Lounge starting at 8:00pm free of charge.

Need Some Cool Cash?
The National Science Foundation plans to award approximately 35 Postdoctoral Fellowships for Minorities in a program that will provide opportunities for continued education and experience in research to American Indians and Alaskan Natives (Siikem or Alenuit), African Americans, Mexican Americans/Chicanoa, and Native Americans. The Fellows will receive 75% of their regular salary, and be paid in 24 equal monthly installments, while working with research teams and attending academic conferences and meetings. The fellowship achievement in academic research and scholarly work will continue for two more years. The deadline for the submission of applications is February 1, 1982. Further information and application materials may be obtained from the National Science Foundation, National Research Council, 2100 Constitution Avenue, Washington, D.C. 20415.

Where Is Bert Parks?
The Men of Alpha Phi Alpha Fraternity, Inc. Nlu Chi Chapter are making preparations to start the semester with their semi-annual scholarship ball, "The Black and Gold Pageant." Interested young ladies who are college students should contact Steven Wolfs at (312) 567-3223 for more information. The dance will be held on Tuesday, October 29, from 7:00 pm to 11:00 pm, in Room 1101 ENSRN.

Can You Ski And Dunk?
The ISC, in conjunction with the German Club, is planning a night at the Berghoff Restaurant and Chicago Bulls Basketball. Tickets will be sold on November 20. Reservations for the game must be made by November 6th by coming to the International Office, Room 110 ENSRN, Monday, Wednesday, or Friday 3:50 pm. Berghoff reservations must be made by November 15th. The up-coming winter "See America" ski and culture trip January 6-10 sponsored by ISC is open to all students. Display and reservation information can be seen in Room 110 ENSRN, with deposit due by November 18th.

The Victors

The results of the October 27 election are as follows: the new class representatives are: Senior representative, David Piascik, Junior representative, Dean Kovak; Sophomore representative, Tanya Matzov; Freshman representative, Chrissia Chajda, Residence Hall Association, Aliens Zemalica, Interfraternity Council; Brian Lee, Dean of Student Life; Leah Dorsey, Union Board. Since CTA is officially endorsed by the IIT Student Council, ATS will study each sponsorship's quality and prices of the HUB cafeteria food. If you have any input please contact Brian Lee or Aliesia Zemalica.

Are You Applying?
The deadline for Fall applications for Fulbright study grants is Thursday, October 29th, 3:30 pm, the office of Student Life, Ext. 8060, regarding any questions.

Are These Our Friends?

"Conversations at ICT", a fireside-chat format involving ICT students, faculty and distinguished guests, is produced by ICT. The lecture will be held on Thursday, November 12 with a program addressing the technology, management and productivity synergy between the U. S. and today’s international business environments. Drs. German and Soergel, of ICT, will share their knowledge. Beach, Professor of Economics and Finance at ICT’s Stuart School of Management, will serve as chief resource person on this issue. The "Conversations at ICT" take place in the Faculty Club Dining Room on the lower level of the HUB, beginning at 12:30 pm.

What Next? Quantum Faith?

"Perspectives in Science and Religion," a weekly dialogue between faculty, students, and visitors continues to study the effect of quantum physics on theological thought in the 20th century. The discussion group meets at 12:15 p.m. each Tuesday in Room 306 of the HUB metazone.

Co-op Moves On

The IIT Cooperative Education Office is inviting all students interested in finding out about co-op to attend Co-op Information Sessions during the Fall semester. The meetings will be held each Thursday in the HUB Mezzanine from 10:30-10:45 am. Sessions will meet starting on September 11. Plan on attending; bringing questions and a friend. The following companies will be on campus to recruit registered co-op students for the Spring semester:

TRW-Chicag Connectors, Wednesday, October 28, MI.

Dow Chemical (MD), Wednesday, November 4, CHEM, CHE, EE & ER.

Amsted Industries Inc., Friday, November 6, ME, METE, ME & EE.

Bendix, Monday, November 16, ME.

The following companies will be in the Student Union or recruiting graduating seniors during October:

October 26

Stouffer Chemical

Dow Chemical

Chemical

Liquid Carbonic

October 27

Bechtel Power

Dow Chemical

Olin Chemical

Chevron

October 28

Sargento Lendy

NCR Electronics

Fisher Engineering

October 29

Amoco Research

Standard Oil of Indiana

Excelsior

October 30

Bartec Foods

Nutters

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The women credited this, and other near wins, in part to applying Coach Topper’s philosophy of being more aggressive. One member of the team com- mented, "At first we were going into the matches with an 1'ope I don't lose too badly' attitude. Toward the end we were think- ing more as a Coach, I really want to win this one." We became more competitive and when one of us won or lost we all felt it.

A disadvantage that the team had was the lack of playing facilities available while the outdoor courts were being renovated. Some practices were conducted around drills, rather than playing matches. Now that the courts are re-opened, the Nutters felt that this will be a major plus next year, particularly play-coach at the Midwest. Greatness Captain Donna Brown stated, "This year’s team was relatively new with just two of us returning. All of us and all but two of the girls will be returning next year, I think we’ll know what to expect and we’ll have a more successful season in ’82."
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We will be interviewing graduates in ELECTRICAL ENGINEERING on campus November 2.

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United States Steel

October 26, 1981

Women Becoming Majority of College Students

WASHINGTON, D.C. (CPS) — Women continue to account for a larger and larger percentage of the graduates of American colleges and universities, continuing the trend of the last several years, says a new survey by the National Center for Education Statistics (NCES).

Though the total number of degree recipients is expected to start to decline next year, NCES predicts the percentage of female graduates will continue upward due to the fact that more and more women are seeking careers rather than getting married and raising families. This trend will continue, says NCES, until women numerically eclipse male counterparts by the middle of the decade.

"There are more women than men enrolled in college today," explains Tom Snyder, an NCES education programs specialist, "and that's not likely to change." Women became the majority of students only in 1980.

"The enrollment rate of women graduating from high school has been increasing, while the rate among the men has been steadily decreasing."

"This kind of trend continues," he predicts, "the number of female graduates should surpass the number of male graduates by the 1985-86 school year."

The NCES also found there was an increase in the total number of degrees awarded to members of both sexes in 1979-80.

Sargent & Lundy Engineers will be recruiting on campus

OCTOBER 28th

Sign up for your interview now!

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Excellence in Energy Engineering

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Meet the U.S. Steel representative on campus:

Mon., Nov. 16
KING OF ALL TIME

by MOLNAR
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Quickly responding to their minds, the Destroyers arrive at J'lan. They find the city under attack. The streets are filled with fighting. The Destroyers fight their way through the crowds.

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- **MATHEMATICS**

**DATE:** November 11

(AN EQUAL OPPORTUNITY EMPLOYER U.S. CITIZENSHIP REQUIRED)
On-Campus Interviews Nov. 6

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Baseball Looking Good

Think there’s no such thing as a winning baseball team in Chicago? Think again. Coming off a 25-10 season record, the IIT Hawks looked promising once again as they downsed Northwestern, 5-2, in a practice game held earlier this semester.

Returning from last year’s squad are Dave Alborn, catcher; Mike HerDesk, second baseman; Mike Hetrick, catcher; Mike Thomas, second baseman; Frank Riccardi, first baseman; and Paul Johnson, infielder. Also returning from last year are Tony Albin, Stan Pawlak, Clarence Wu, Dave Veit, and Andy Zilis. The conference tournament was held on Monday, Oct. 29, at IIT’s home field. The game will play on IIT's home field, the Southwest Field Arena, 5500 W. 127th St. (near Central Ave.) at 3pm. The next home game will be against Illinois College on Wednesday, Nov. 10. Both games will begin promptly at 3:00. The players promised an action packed season, and hope to see some fans cheer them on. All games are free.

sports notes

Hockey Club Opener

The IIT hockey club will vie with Northwestern Wildcats for their season opener on Thursday, Oct. 28. The game will begin on IIT's home ice, the Southwest Field Arena, 5500 W. 127th (near Central Ave.) at 3pm. The next home game will be against Illinois College on Wednesday, Nov. 10th. Both games begin promptly at 3:00. The players promised an action packed season, and hope to see some fans cheer them on. All games are free.

Scarlet Hawks Practicing

The Scarlet Hawks began practice with a bang on Thursday, Oct. 15, the first official day sanctioned by the NCAA. Led by Captains Mike Bartoli, Coach Topper, and Assistant Coach Wally, the Hawks went through many spirited drills and are ready to "look good." Topper stated, "We are the hawks!"

Softball Club

There will be a meeting on Thursday, Oct. 29, at 2pm in the Schommer Room at Kendall Hall for all undergraduate women interested in forming a Softball Club in the spring of 1982.

According to Athletic Director John E. Glancy, the purpose of the meeting is to ascertain the interest and commitment needed to pilot this venture.

Swim Team Meets

The varsity Swim Team's annual meeting was held on Thursday, October 15, in the Alpha Sigma Phi fraternity house. Along with a superb meal of hamburgers and Italian sausage, the team discussed the upcoming swim season. Co-captain John Semich received the coveted award, an 11x234 red framed picture of the red-tailed hawk, while All-American Gary Simmons took the lowest awards for sporting the best pre-season times in two swimming events.
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The National Security Agency

More than just a career.
Netters End Season

To many, a 1-9 season record may appear to be a sign of failure, but as far as Women’s Tennis is concerned, this past season has been their best yet. Puaa such as the 8-1 team victory and the record number of games and matches won are only a few of the many positive accomplishments attained this year. Senior, and four year team member, Peggy Brits commented, “This year’s team was different. We had a new coach and I think we got a lot better as the season went on.” Evidence of the netters progress was seen in their close 4-3 loss to Rosary College. Singles victories were gained by Nancy Gulston, Tracy Higin both Higgin’s and Maccanekou beat their opponents 6-0, 60.

With the score of 8-1 in the singles competition standing at 3-3, the deciding outcome was up to the three sets of doubles. Brits and Gulston easily triumphed over their opponents, but the second-doubles lost 6-2 to drop the score once again. All eyes were now focused on the first-doubles, Higgin’s and Liz Stryker.

The first set went ITT with the Netters putting on a fine display of steady, consistent strokes. The second set took a turn in Rosary’s favor, extending the match another set. ITT was unable to regain their momentum and Rosary went on to take the final set, ending the competition 4-3.

continued on page 6

Spikers Win

Things are going well for Women’s Volleyball these days. Following their tough loss to University of Chicago, the team sparked a four game winning streak with impressive victories over: Thornton Community College, National College of Education, and Trinity College.

The most exciting of the four matches came on October 13th, when the Spikers downed Trinity in first games, 15-5, 15-15, 6-15, 6-15, 15-7.

The first two games were dominated by ITT but the strong and experienced Spiker team gained momentum and took the next two.

But, the Spikers weren’t giving up, and they fought back to take the final game, handing Trinity a homecoming loss. This was the first time ever that ITT had defeated Trinity at their school.

An upsetting loss to Trinity Christian snatched the Spikers’ winning streak and leaves to Morton College and Rockford College followed.

Coach Meyer erred the defeat to ITT’s lack of experience in comparison to the older teams.

This was not the case on Oct. 9th. Once again the Spikers proved to be tough competitors as they easily downed Kennedy King College, 15-3, 15-7, 15-9, in a match that lasted less than an hour.

A number of substitutes were active in this match and the fast serving and overall game play proved to be too much for their opponent.

One more home match is scheduled for Nov. 3rd against Moody Bible Institute at 7:30 p.m. Everyone is encouraged to come out and watch the women win again.

by Bill Gallagher

The Hawks took a trip to Roosevelt University in hopes of repeating a victory, but instead, they came out with a disappointing draw, 3-3.

The kickers were down, 3-1, after the first half, and a red card in the second half left the team one man short. The shortage added some extra incentive for the men as they quickly tied the game.

Chicago. Two of ITT’s goals were scored by Pete Petropoulos and Steve Lee had one kick and an assist. John Varghese had two assists and Jean Delofle had one.

Tech’s next opponent was University of Portland-Catholic coming in with a player who had a record of 21 goals and 32 assists. His damage to ITT was just as bad: one goal, three assists. The defense totally broke down in this game ending in a 3-2 defeat. Highlights of the game were goals scored for Tech by Pete Petropoulos and Jean Delofle with assists by John Varghese, Jean Delofle, and Tom Chapman.

The Hawks paid a visit to the University of Chicago on their homecoming to hopes of spoiling it, but once again key defensive mistakes hurt the Hawks to the tune of 2-1.

The defense, for the most part, played the best game of the season. The key play of the game was a world-class goal scored on a free kick by Jalo Escobar assisted by Pete Petropoulos.

The Hawks then came home to play Lake Forest, a team known for their great defense. This reputation proved to be a fact as the kickers were shut out for the first time this season. Lake Forest scored their goals on a penalty kick, a highly disputed goal, and another defense mistake. The final score was 3-0.

This brings the Hawks record to a disappointing two wins, six losses, and one tie. Tech’s final three games are against North Park, Wheaton and Wisconsin.

Kickers Hit Trouble