Heilmich presents plan for peace
Dr. Henry J. Heilmich, inventor of the lifesaving "Heilmich Maneuver," a procedure used to open the airway of drowning victims and developer of innovative surgical procedures, will visit IIT Monday and Tuesday, April 16th and 17th to lead a Mini-Intstitute on Computers for Peace. Such is the name of a current movement to utilize the field of information processing for future projections of international relations and mutually beneficial trade to make peace an irresistible economic option.

Heilmich is an electrical engineering alum of the Illinois Institute of Technology in Chicago, and he more recently has been a professor at the University of Michigan at Dearborn. Dr. Heilmich has taught and lectured extensively on the subject of future projections for the public, and especially the professionals, to become involved in developing objectives and strategies for global peace. Just over a decade ago he authored a book, "The American Way," and in 1974 he published his celebrated Heilmich Maneuver which now is standard in Cardio-Pulmonary Resuscitation.

Scholars named
by Ned Liddell
How would you like to have someone pay all your bills for two years? That is approximately what winning a General Motors scholarship means for two IIT sophomores. Mr. Michael R. Shafer and Miss Elizabeth A. Juskiewicz won the electrical engineering award and Elizabeth Skrzyzpek won the mechanical engineering award last Thursday.

Every year General Motors Corporation awards scholarships at many schools around the United States. The scholarship pays for all expenses, including a $200 per year stipend for books and expenses. Recipients are expected to accept a summer position on the company's engineering staff of a GM division, during which they receive full pay. The Automotive and Engineering Department at IIT each chose five finalists from their sophomore classes, based on academic excellence. These students are grouped with representatives of GM and with IIT faculty members on Wednesday evening, April 4. Each student then had a personal interview on Thursday. The selections were announced last Thursday.

Skrzyzpek will spend the summer at the Cadillac division in Detroit, Wiedman will be at the Electro-Motive division in LaGrange, Illinois.

There is no prize for the other

Polish culture featured this week
The Republic of Poland will be featured during the week of April 9th, 1984. Poland which is located in the Baltic Sea in Eastern Europe, has a population of 35,800,000. For all you trivia buffs the capital of Poland is Warsaw and its population is 15 million.

On Monday, April 9th at 8 p.m. students will be on sale in the northeast corner of the HUB from 12 noon until 3 p.m. Wednesday all three dining areas will feature Polish pastries and sausage.

Freshmen aided by TechMates
Communities at IIT had the reputation for not getting along, but thanks to the TechMates Program community freshmen have been given an edge over their predecessors. They have been exposed to the organizations on campus, deans, directors, faculty, and helpful upperclassmen.

Incoming freshmen are grouped into six groups according to their majors and assigned a freshman who informs them of their programs. The freshman is responsible for keeping in touch with the freshmen by phone or by organizing get-togethers. The freshman serves as a role model and guide.

Every two weeks the members and their guests meet over lunch and share everything from campus events to personal experiences. As a result, the Administration keeps in touch with students and campus organizations can give pitchforks for their clubs. For example, the Honor Professional Societies do it by tutoring those TechMates who desire it.

Not only do the freshmen benefit, but the freshman does so also. They are given the opportunity to develop their leadership qualities and learn to communicate with others. The exposure to the Administration and organizations helps the upperclassmen themselves to become more aware of the IIT environment. With a minimal amount of effort they can be successful and gain the confidence sometimes needed to go to bigger things.

College Bowl a success
History, science, sports, literature, movies, and almost every other subject came up in last Wednesday's and Thursday's College Bowl competition.

Wednesday afternoon and evening saw student teams competing for not only a prize of $125 but for "the thrill of victory!" A large crowd of curious spectators gathered in the HUB gallery lounge to watch teams of four players attempt to beat their opponents and correctly answer questions read by moderates Bernard Ponillo and Tanya Miszczak.

Although many of the games ended in extremely close scores, one team seemed to dominate the competition: AIChE (American Institute of Chemical Engineers). "We just decided to do it for fun and better things.

Communities involved in the program tend to get more involved at IIT. Since its start in 1981, the program has produced more student leaders from the community sector than ever before. The Stryker Distinguished Service Awards can perhaps serve as the best example.

1983-4: Firstmates, 30 Mates, 1 Stryker
1982-3: 14 Firstmates, 60 Mates, 4 Strykers
1981-2: 25 Firstmates, 130 Mates, 4 Strykers
It is evident that being a TechMate enhances a person's

We decided to play at the last minute and didn't even practice," stated Janise

continued on page 11
continued on page 11
about the competition: "We were really glad to see such a good turnout and the players also seemed to be happy."
TECHNOLOGY, INDUSTRY, and AMERICA'S FUTURE
A Symposium

The IIT Lectures on Science, Technology, and Society
A series of free public lectures devoted to the consideration of science, technology, and national issues.

David Halberstam
Author, journalist, and publisher

"The Death of the Blue Collar Job: An American Dream Revised"

Joseph Engelberger
President, Cincinnati Milacron

"Robotics and U.S. Industrial Vibrancy"

David Jackson
Senior Vice President and Chief Scientist, Illinois, Iowa, and Asia

"The Impact of Biotechnology on American Industry: When and How Much?"

April 11, 1984

The Institute of Technology, Chicago, Illinois

The Institute of Technology, Chicago, Illinois, is a private institution of higher learning, accredited by the North Central Association of Colleges and Secondary Schools.

Here it is, your last chance at the big money --

The technology news

Puzzle 5
A senior mechanical engineer graduates from IIT and gets a job for $35,000 per year. He goes out and buys a Porsche 911. The Porsche was tasted, and will get 16 kilometers per liter of gasoline at 30 meters per second, and 15 kilometers per liter of gasoline at 26 kilometers per hour.

The IIT grad took his girlfriend on a weekend trip. He cruised at a speed of 35 meters per second, and used 78 liters of gas. How far did the IIT grad go?

This is the last puzzle of the year. The solution and winner will be announced in two weeks.

Everyone send in those entries accompanied by your name, phone, and address, to Tech News, 5th Main, by noon April 20, 1984.

The winner will receive a $5 purchase from the Bog.

Attention Graduates! party

Challenge
The Final Puzzle

Solution to Puzzle 4
Express in simplest form, the quotient:

\[
\frac{x + x^2 + x^3 + x^4 + x^5 + x^6 + x^7}{x^3 + x^5 + x^6 + x^7 + x^8 + x^9}
\]

Answer is \(x^{10}\)

The Winner!!!

Michael Adewumi

The winner will receive his prize by mail within one week.

Happy Birthday Kevin!
(This is for all the times you mentioned our names on the radio.)

technology news

Here's to good friends.

April 9, 1984

HEY!
Your student organization can fill a space this big with anything for only $39.00!
Announce: Parties, big events, etc.
Great publicity - Cheap! Call 567-3085.
announcements

You and the Bible

"The Bible and You Today" study/prayer group resumes meeting on Thursday, April 12, at 12:15 p.m. in the Field room of the HUB. Reflection on the Letter to the Ephesians continues.

Technical values

The Technology and Human Values group for a forum on changing patterns in student values and career goals will resume meeting on Tuesday, April 10, at noon in the Field room of the HUB. There will be readings from leading Technologist and Ruminators on the role of human values on technology.

Religious affiliation

Dr. Alice Gallin, Executive Director of the Association of Catholic Colleges and Universities (ACCU), will be the fifth and final speaker in the 1984-85 colloquium entitled, "Religiously-affiliated Higher Education: Values and Goals in an Era of Change." This event will take place on Tuesday, April 10, 2:00 p.m., Loyola University Water Tower Campus in Room 30 of the Marquette Center (lower level), 820 North Rush at Pearson.

Mantle convocation

Models for Mantle Convocation will be the topic of a Physics Department Colloquium presented on Wednesday, April 11, 4 p.m., room 217, of Siegel Hall. The speaker will be Professor Frank M. Richter of the Geophysics Department of the University of Chicago. A pre-colloquium social will be held in room 202 of Siegel Hall at 3:30 p.m.

Turn in your packet

All students who have old College Bowl practice packets are asked to return them to the DOSL office so that they may be used as practice for next semester's competition.

Calling all EE's

The IEEE elections and final meeting of the semester will be held April 9th in room 304, Stuart Building at noon. Every EE should be there. Find out the rules for writing papers and guidelines for making a good project proposal. Then use the summer months wisely. Undergrads who are not members should join now while half rate applies. There is an IEEE society for every EE interest.

Radio RHO

The Future of Amateur Radio at IIT will be the topic of discussion at the next Rho Epsilon Radio Club meeting on Tuesday April 17 in room 304 (the ham shack), Siegel Hall. Present amateurs are especially encouraged to attend and everyone with an interest in radio is welcome.

New Co-op officers

Co-op Student Organization will hold a meeting to elect new officers this April 12 at 12:00 noon in the HUB. All interested co-op students are encouraged to attend.

May you grad?

A mailing pertaining to attendance at the May Commencement has been sent to all candidates. If you have not received this material, please contact us at 807-0130, Office of Student Records and Registration, Room 104 Main Bldg. prior to April 27.

Int'l. Fest coming

It's coming... International Festival 1984! Booths will be set up April 20, 12-7 p.m., in the HUB. Live entertainment will be presented 8-10 p.m. Be there!

BSO Info

The Business Students' Organization presents "Information Systems in Banking." Monday, April 12, at 12:30 in Room 111 of Stuart. A representative from the First National Bank of Chicago will be present to speak on the above topic.

Wang Laboratories will be interviewing at IIT for business majors with 4-5 courses in computer science on Monday, April 16, 1984. If interested, please sign up at IIT's Placement Office.

APhi O meeting

Alpha Phi Omega Service Fraternity will hold a meeting on Tuesday, April 16, 12:30 p.m. in the HUB. All active and any student who wishes to learn more about the organization are encouraged to attend.

Graduates admitted

Applications are now being taken for both summer and fall 1984 for admission to the School of Advanced Studies. The deadline for submitting an application for regular graduate status for Summer 1984 is May 1. The deadline for submitting applications for regular graduate status for Fall 1984 is July 1, 1984.

Not all programs admit during the summer session, so please contact the specific department of interest for information. Applications and catalogs are available at each academic department and the office of graduate admissions, Peirce Field. For more information call Graduate Admissions at X3020.

Need a job?

The Placement Office in conjunction with the Counseling Center will be sponsoring a series of employment workshops during the remainder of the semester. Workshops will be held in room 408 in Ferris Hall from 1:00 until 4:50 p.m. on the following dates: March 27, April 3, 10, 17, 24, May 1, and 8. Topics to be covered will include: Resume Writing, Interviewing Skills, and Interview Practice.

If you are interested in summer or part-time employment you are strongly encouraged to attend this informational session.

Look for dinosaurs

-Spend three weeks in Wyoming, August 6 through 24, collecting Eocene mammalian fossils. Work (and camp) under the direction of Dr. K. Kobel, Institute of the Field Museum of Natural History. You can earn 3 credit hours but this is limited to five students only. Call 307-5129 for further information.

Get your packets

Fall 1984 Registration packets for full-time undergraduate and graduate students can be picked up at the Office of Student Records and Registration (404 MB) on April 10, 9:00 a.m. to 4:00 p.m., or April 11, 9:00 a.m. to 3:00 p.m. A valid I.D. card is required. All unclaimed packets will be mailed at 3:00 p.m. April 11. All packets must be returned, with appropriate signatures, by 5:00 p.m. April 20.

International fun

The International Visitors Center of Chicago will hold its annual Lincolnland Weekend on April 27-29. International students who have participated in this event in the past agree that it is one of the highlights of their lives in the U.S. Students will stay with individual American host families while visiting Springfield, our State Capitol, and other rural areas of Illinois. The cost to the student is only $40, which includes meals, transportation, and accommodations.

Augsburger. "The best imported beer brewed in the U.S." San Francisco Examiner

TPB officers elected

The engineering honor society Tau Beta Pi elected new officers last week. Tau Beta Pi is made up of students from all engineering disciplines who have strong academic records. The new president of the society is John Sobczak, an ME junior. Other officers are Vice President, Greg Petrosky (ME); treasurer, Dan Blase (EE), recording secretary, Kevin Beem (ME); corresponding secretary, Carlos Hagler (ME); cataloger, Pat Green (EE).

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Computers useful?

POTS DAM, NY (CP) — Three months ago a freshman accounting major, Jackie Pouo, said she wasn’t really sure how she’d be using the new Zenith Z-100 she and over 800 other entering freshmen were required to purchase as they entered Clarkson College.

Now, she owns one three to five hours a week and says, "I just think it’s too much work and too slow for the current computer word processing system. I do all my papers on computer now.

Pouo’s experience is not uncommon at Clarkson, which, along with the Stevens Institute of Technology, is the first school in all the nation to require all entering freshmen to buy microcomputers.

Three months later, despite unfulfilled wiring and coursework that’s not yet integrated into a full-fledged computer campus, students are in fact not letting their machines gather dust.

Just out of the freshman "school" initial experiences, the personal computer appears to be getting higher on the list. The bulky, nondescript million-dollar white elephant some observers once predicted it would become is among all the expensive lab and "curricular relevancy" facts. The personal computer and administrators in recent times, this one actually seems to be working.

"A few years ago there was a lot of proselytizing regarding the personal computer’s impact on higher education, and a lot of people were wondering if it was just a passing fad," says Kim Wright, coordinator for the EDUCOM Computer Literacy Project, a consortium of colleges studying the impact of computer revolution.

Now, the observes, "computers have gotten academically respectable and accepted.

"The question now is if colleges are really going to ask students to use computers," says Wright. "If they are, the computer will become a vital part of campus life when but "when and how," she adds.

Colleges’ computer ambitions run the gamut from Carnegie-Mellon’s multimillion-dollar joint venture with IBM to set up an integrated computer network by 1985, to Iowa State’s modest plans to offer students microcomputers at a reduced discount price.

Brown University, MIT, Drew, the Rochester Institute of Technology, Yasser, Dartmouth, Cornell, and many others have announced plans to require students to purchase micros.

Drexel University will be the next school to require students to come with personal computers, despite the fact that among the ones who return to classes this winter.

"We have well over 750 students participating in the Computer Literacy Project, and each is already offering some sort of program in computers," says Wiley. "And I don’t think that 750 is anywhere near the total number of schools offering such programs.

"If Stevens, where over 700 students are now using new DEC Professional 323 microcomputers — freshmen paid a one-time, $160 fee for the machines in addition to this year’s $740 tuition — “things are far from going very well,” reports Joseph Meo, dean of educational development.

But among other things, he says, "the amount of time devoted to coordinating things is very substantial. It’s not the kind of thing you just initiate and five days later it’s done.

"Students have initial trepidations and problems learning the computers, and once you’ve got the system in place and students familiarized with it, they have constant questions about the equipment, and so on.

"Students can get answers from Mueller, who coordinates the Personal Assistance Program on campus. Teams of computer science majors make regular visits to dorms to make sure students are comfortable with their machines. And frustrated students can even dial a hotline to meet to other specialists about their machines.

Clarkson officials, too, have been bombarded by questions and a few technical problems" regarding students’ microcomputers.

"But all in all, it’s going better than we ever expected," says Helen Chapel, Clarkson’s public relations director.

"In fact, she asserts, some of the issues administrators; and faculty worried about the most have even occurred.

"We were rather concerned that the computers would make kids isolated, but instead it has given all the freshmen something in common. They all get together at their machines and assist and learn from one another."

Clarkson fresh are using their computers in "all their classes," Chapel adds, although in liberal arts courses they’re used, "pretty much for word processing and for short quizzes.

"In one class, a humanities instructor is actually requiring students to turn in diskettes instead of printed papers," says Stevens’ Meo. "He looks over their work, inserts comments and grades it, and then gives the diskettes back to the students."

Prof involved in fraud

TEMPLE, AZ (CP) — An Arizona State University professor who has publicly criticized the safety of the artificial sweetener "NutraSweet" is fighting off an attack on his own credibility after it was discovered he purchased stock in the drug company that manufactures the sweetener.

ASU Professor Woodrow Monte, who has written chapters on "put" options in Searle Pharmaceuticals in anticipation of the sale of "NutraSweet," was selling Searle stock with the same enthusiasm he was directing the airing of several CBS television reports on the safety hazards of the artificial sweetener for the drug companies manufacturers.

Monte, who has done research and investigating the sweetener may decompose into harmful chemicals under certain circumstances, was one of the main critics of the new drug — generally known as aspartame — on the CBS program.

"Put" options are orders to purchase a stock up to a certain price within a set period of time.

Monte told the ASU student newspaper, the State Press, that he bought options on Searle stock several weeks before the program was broadcast in January, 1984, anticipating the stock would lose value after the broadcast.

As it turns out, however, the Searle stock price doubled right after the stock options venture.

Now the Securities and Exchange Commission — the federal agency that regulates stock trading — is investigating Monte and Searle stock employees for possibly trying to profit from changes in Searle stock prices brought on by the broadcast of their own information.

The controversy, of course, raises questions about the

continued on page 10

Halberstam addresses labor decline

Pulitzer prize-winning journalist and author David Halberstam will address the loss of jobs in the 1960s when he discusses "The Decline of the Blue Collar Job: An American Parable" at JIT’s annual symposium on "Technology, Industry, and American Future," Wednesday, April 11.

The discussion will be held from 10 a.m. in Illinois Institute of Technology’s Engineering 1 Building, 10 W. 32d St., suite 10.

Joining Halberstam in the symposium will be Joseph Engelsberger, president of Unimation, Inc., who will speak on biotechnology, and David Jackson, chief scientific officer of Genentech Corporation, who will talk about robotics and U.S. vitality.

"For at least a decade, the economic vitality of the United States has been impacted by the stagnation of its core basic industries — declining productivity, eroding international competitive positions, nagging unemployment and a widening loss of public confidence in the future," said JIT associate professor, Paul DeForest, chairman of the symposium committee.

"The condition is particularly acute in the industrial heartland of the Midwest and Northeast, long regarded as the core of American economic strength, now designated as the "Rust Belt," he added.

The symposium, which will address economic vitality issues, is being sponsored by JIT with the assistance of the Crawford Foundation.

Halberstam, a New York Times correspondent from 1960 to 1967, was a Pulitzer Prize for international reporting. The author of The Best and The Brightest, Mr. Powers, That Is, he is writing a book on the decline of American industry and how it might be revitalized.

Engelsberger, the founder of JIT, Inc., generally is considered to have been the driving influence in the creation of the industrial robot industry. The American Society of Mechanical Engineers annually presents the Joseph F. Engelsberger Award to "persons who have contributed significantly to the furtherance of the science and practice of robotics.

JIT has been doing research in the area of inexpensive DNA methodology for nearly ten years. As a post-doctoral fellow with Dr. Paul Berg at Stanford University, he developed the first generally applicable biochemical methodology for joining separate DNA molecules to one another. In addition, in 1972 he was the senior author of the first published report describing recombinant DNA methodology.

Why not you too?
The Adventures of East and West

by Ed Saba

The West is now at war with the Soviet Union. This war is a military conflict and ideological struggle. Gone are the colonial powers that ruled before the war, and the Cold War has been thrust into leading the West in this war. We can win or we can lose, but we cannot lose.

We are not however directly involved in the war with the Soviet Union. The involvement is indirect. The Soviet Union achieves its ends through the threats and skillful use of proxy troops — namely those of Cuba. The Cubans have increasingly become a tool of the Soviet Union to export its tyrannical socialist style communism and to achieve its global ambitions. The Cubans have gained independence without the use of force. They have lied, cheated, blackmailed, intimidated, disrupted elections, subverted guillotines for the export of revolution, tortured and murdered — all as a integral part of their policy.

It seems that the Soviet Union is actually in the way of the Soviet Union. Will they get the lead out of their way?

Since 1974 nearly 100 million people have fallen to communist rule. All of them, from Ethiopia, South Yemen, Cambodia, Laos, Mozambique and Vietnam. Up to now there are more than 20 countries under the communist orbit. Geographically the West is retreating and the communist powers are advancing all over the world. Those who say that the communists are not specific to the Russians are not able to control the world are blind of the reality of the situation. The Communists are expanding and will take over the world through violent revolution.

The purpose of the Soviet Union is just like us. They don't want war; they want a chance to live in peace. Unfortunately though it's not the people we deal with, it's their countries, so how can we differentiate the two? The only way that communist governments survive is through force. When people have a choice they reject communism. This is clearly demonstrated by the countless people who have fled communism from the Soviet Union. Remember the boat people from Cuba who fled to the United States? They have shown that a free society is superior to a communist society.

What has pointed us to an inherent weakness in the Soviet System? No one under their rule is free. To quote Sam: "I see a light in the window. I look inside and see a man sitting at a desk, typing on a typewriter." This is the way communism works. People are not free to think for themselves. They are forced to follow orders and do what they are told. The people are not allowed to express their own ideas. They are only allowed to express the ideas of the government.

In the Soviet Union, the people are not free to express their own thoughts. They are only allowed to express the thoughts of the government. This is why the Soviet Union is so afraid of the Internet. They want to control the information that flows between the people.

The Web is a powerful tool that can be used to spread information and ideas. The Web is a platform for free speech. It is a way for people to connect with each other and to share their ideas. The Web is a tool that can be used to promote democracy and freedom. It is a tool that can be used to fight against censorship and ignorance. The Web is a tool that can be used to promote education and knowledge. It is a tool that can be used to promote innovation and progress. The Web is a tool that can be used to promote a better world.
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For more information dial 567-3075
NEW VINYL

Gilmour’s solo project

by Kevin Eng

Pink Floyd is a band that is definitely part of rock history. When founding member Sid Barrett dropped out of the band, his longtime friend, David Gilmour, stepped into the guitarist spot. While in this spot, Gilmour has become a part of Floyd classics, such as ‘Meddle’ and ‘Dark Side of the Moon’. He has also worked on solo projects of his own. His second and latest solo project is called ‘About Face’. The album is mixed with rock and roll veterans such as Steve Winwood and Jeff Porcaro. Peter Townshend also lends a helping hand by co-writing a couple of the songs on the album.

Gilmour’s basic line-up is Jeff Porcaro, drums; Pino Palladino, bass; Ian McDonald, keyboards; and Gilmour on guitar. Gilmour also has additional musicians, a horn section and an orchestra.

After hearing the cut ‘Blue Light’, I thought this album was going to be a bomb. Fortunately, it’s a fairly decent record. The record company really should have picked a single other than ‘Blue Light’ for pre-release. The song, though, is not terrible, it’s just out of place with the rest of the album and gives the wrong idea of the style of the album.

Gilmour’s style is sprinkled with Pink Floyd influences. He does some material which is strictly his own sound, but throughout the album it’s easy to see Floyd’s riffs. This is understandable, however, since Pink Floyd has many influences itself and being a part of the band, Gilmour couldn’t help but absorb them. For the most part, the influences remain within the music and he does work well with them.

The lyrical content is not as strong as Floyd’s, but that is not to say the lyrics aren’t good. The lyrics aren’t as vivid as Pink’s, but they are still solid and follow the music.

‘About Face’ is an album worth buying. However, it isn’t one that I would recommend. You need to be a fan of Pink Floyd to appreciate this album. If you like it, it will be worth your while. It contains good music and decent lyrics, but it isn’t for everyone.

Restaurant review- The Rosebud Cafe

by George Quinn

A delightful place to eat while in Chicago is The Rosebud Cafe. This wondrous establishment is located at 800 W. Taylor St. The Rosebud Cafe serves high quality American food from $11 to $15 per person. The house specialty is a taste tempting dish called Veal Oscar. This fascinating meal is composed of medallions of filet grained veal slowly sauced in its own juices. This delectable meal is flattered by the addition of jumbo asparagus spears, Asparagus Cream and a specially blended Hollandaise sauce. All of this exquisite food is yours for $12.75. The Rosebud is not wishing to partake of the Veal Oscar may choose anything from Prime Rib ($11.25) to Lamb Chop ($12.95) to Asparagus Cream ($15.95) and anything in between. Perhaps the best of all these is the 14 oz. Prime T-Bone Steak. This fabulous cut of beef is brushed with sauce butter and char-broiled to order to bring out the full meat flavor.

The atmosphere is very pleasing to the senses. Because the restaurant is set on the fringe of the old Taylor Street Italian neighborhood, The Rosebud Cafe still holds on to its Old World quality. The lights are softly lit and provide a warm, friendly touch to the majestic old building. Deserts are served from a patisserie, giving you personalized service on a moments notice. On the whole, The Rosebud Cafe is the type of place to have a very romantic evening.

From Mon.-Thur. drop in from 11:00 am to 10:00 pm. Fridays from 11:00 am-1:00 am, or Saturday from 5:00 pm to 2 am. Sorry, they are closed on Sundays. Call ahead at 942-1171 to insure conditions are favorable for your outing.

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Stock fraud

continued from page 4

objectivity of Mont's academic research as well as about what weight be illegal stock manipulation.

ASU administrators, however, say they aren't conducting any similar investiga-

"I think the research he was discussing was probably legitimates a part of his research

here," says ASU Vice President Maureen Frye.

"I've tried to keep the issue

separate from the university," Mont's lament. "(The Nutrolatt research) was my own work I did
during the summer."

But I know Soale would get

dirty and it would become a hot

political issue," he says.

But such potential conflicts

between professors' academic

research and other outside

activities are causing increasing

problems and concerns at schools

across the country. A survey

by the Chronicle of Higher Education

reported that 31 percent of 4000 faculty

members surveyed was 53 percent in

1980-81.

"I think, certainly, there are

situations that exist where

individual faculty members are

couraging conduct research on campus

and their research is involved with

corporations in which they have

interests," observes Robert

Kreiser, a business associate with the

American Association of University

Professors.

While it's not new for faculty

members to mix their academic

activities with outside business,

he says the potential for abuse is

greater now as more professors

turn to outside jobs to supplement

their income.

Moreover, schools themselves

are teaming up with high tech

businesses to help support research

efforts and help attract companies

to "research parks" adjoining

camuses, opening the door for

more academic and business

conflicts of interest.

What's needed, Kreiser says,

is a set of guidelines that

define what faculty members do with

their outside time, and outlines what it may conflict with their

academic work.

"Faculty bear a responsibility

for policing themselves and
determining when it's appropriate

and inappropriate for a faculty

member who has interest in a

company to do research in the

same field," he says.

The DOSL Office is now accepting applications for the positions of the Technology News Editor-In-Chief and Business Manager.

Applicants for the position of Editor need at least three of the following attributes: 1) Patience, 2) Diligence, 3) Free weekends. This is a salaried position.

Applicants for Business Manager should have some background in sales, good communication skills, and a natural affinity for money. The position requires a minimum of six hours a week but the investment in time is greatly rewarded with real business experience as well as a handsome salary.

Applications will be accepted in the Dean of Student Life Office in the HUB until May 10, 1984.
Tax breaks tend to hurt poor

WASHINGTON, D.C.
(CPS) - Most programs that give parents tax breaks for paying for college tend to help families that would send their children to college anyway, and virtually exclude families who need the most help in financing college educations, the College Board has found, after a study of education tax exemptions.

Moreover, President Reagan has repeatedly spread the benefits of some tax exemptions for college payers, leading Congress to act on proposals for direct financial aid programs that help the neediest students the most, said Lawrence Gladieux, director of the College Board's Washington office.

The study estimates that about 65 percent of the families that benefit from the federal tax laws aimed at helping students in college have incomes above the national median.

"Although middle and upper-middle income families benefit most from current and proposed tax shelters, most of them probably would have participated or invested in a college education without these incentives," Gladieux says.

The incentives now include exempting scholarship and grant money from taxes, letting parents take deductions for their college-attending children, and subtracting the amounts of college loans from taxable income, as well as other accounting measures.

President Reagan has proposed enacting new tax incentives, too.

In February, he again proposed allowing parents to deduct part of what they pay in tuition from what they owe in taxes, and letting people set up special education savings accounts that would generate tax-free interest.

"We want to raise a caution about adopting policies that sound good — such as reinforcing family saving for a college fund — but which are very expensive," Gladieux explains. "I fear that if (they are) put in place, it would indirectly cut into the support for direct student aid programs."

He adds that "if the nation wants to give priority to encouraging youngsters from less-advantaged families to attend college, current and proposed tax breaks do not appear to meet that goal as well as conventional student aid based on need."

The study also found the tax breaks reduced the amount of money the government took in in 1982 by $1.85 billion.

Heimlich plan continued from page 1
Of particular interest to students will be Heimlich's 12:30 open meeting on Tuesday with the IEEE Computer Society hosted by IIT's student Chapter in room 104 Stuart. All are invited with free admission.

For information about student participation in the workshops call IIT, X5962. Tickets for Dr. Heimlich's Monday evening address are available at the HUB Ticket Office.

The IIT guest appearance of Dr. Heimlich, proposed by the Technology and Human Values Forum, is being sponsored by the One World, Many Cultures program. The "Computers for Peace" event provides a valuable and substantive experience for the technological world in a period of crucial decision making for the future of the human race.

College Bowl continued from page 1
Dawson, one of the event's judges. She went on to say, "I hope ATS continues to hold the competition every year; students seem to be very interested in it."

Dawson and two other judges had the role of choosing the best players to an All-Star team which played against a faculty team on Thursday. Faculty members William Grimshaw, Sander Marcus, Nate Thomas, Dennis Matusch, and Reverend Auscelo Amadio fought hard against all-stars Charley Hannon, Tom Sill, Manny Macedo, Ann Smith, and John Gossage; but, the students came out ahead as the buzzard sounded to end the match. Grimshaw's statement, "I had fun," seemed to be representative of the sentiments of the everyone involved.

"Next semester we'll hold College Bowl early enough in the semester to be able to enter a team in the regional competition," replied ATS Vice President Paul Valentino when asked if the Association of Tech Students plans to sponsor the event in the future.

From the caliber of this year's players, IIT certainly has a good chance for a victory in the regionals. IIT's "Royal Flushing" team won the regionals in 1982, and a repeat performance in 1985 would be nice, to say the least.

ATS wishes to thank all participants, sponsors, judges, time-keepers, score-keepers, and the HUB staff. They reminded all players to return the old practice packets to the DOSL office.

ALS marathon continued from page 12
one of three categories: male, female, or co-ed. Prizes will be awarded to first, second, and third place team winners within five age brackets. These brackets, determined by adding the age of both team members, are: 19 or less; 40 - 59; 60 - 79; 80 - 99; 100 and above.

Runners will depart Skokie Federal's parking lot, 4747 Dempster St., Skokie, at 8:30 am, running half the ten kilometer course and returning to send off the second team member.

Each person running the Skokie Federal/ALS 10K Relay, will also be eligible to win one of two six month memberships at the North Shore Club, one of the finest health clubs in the area. Entrants may register at any Skokie Federal office or through the mail by calling Loret Williams at 767-5547 or the Lee Turner ALS Foundation office, 3235 Main St., Skokie, 767-3331.

GM scholars continued from page 1
applicants. Unfortunately, some of them expressed, either in words or with the expressions on their faces, the pain of not being chosen. To be so close to such extraordinary help and then to find yourself still alone is difficult.

The GM scholarship program has been in existence for eight years. Officially its purpose is to reward and help engineering students. But a GM representative said during competition last year that it was also intended "to identify the top engineering students in each school and hire every one of them we can." Forty-two schools participate in the program.

The other final candidates were Marla Marrich, Robert Montvidas, Mary Murtray and David Reabold (from ME); Nancy Jaffe, Robert Lum, Daniel McHatton and Michael Schwartz (from EE).

TechMates continued from page 1
chance of getting involved and being rewarded.

Clearly, the firstmen play a vital role in the program, and at this time of year the Student Life Office is interviewing students for firstmate positions for next fall. Those interested should call or stop in the DOSL office, and speak to Janice Davis, Associate Dean of Student Life (567-3080).

GOLDIE HAWN & KURT RUSSELL
When America marched off to war
the women marched into the factory.
From then on...nothing was the same.

STARTS FRIDAY AT THEATRES EVERYWHERE
Swimming Coach Bob Wendi retiring after 13 seasons at IIT.

With all the weather being as nice as it is, you should already be getting in shape. You should be combining enjoyable exercise and doing aerobic exercises to reach your Training heart rate (T.H.R.).

If you’re doing all this or if you’re in the near future you’ll experience some pleasant things and some alarming ones until you understand them.

1) Your heart recovery period - the time it takes to go from THR to resting pulse rate - will have dropped significantly. Before you started, it may have taken 10 minutes for your pulse to drop to 100; now that your in shape, that time has been cut in half.

2) Your stores of subcutaneous fat - fat under the skin - have started to shrink. Not just in the areas you are working hardest, but everywhere on your body. That’s because there’s no such thing as spot reducing - just as there is no such thing as spot weight gain. Fat comes off in the same order in which it went on.

3) You’ll fall asleep more easily and have fewer digestive problems. Exercise increases your energy and speeds up your metabolism; you actually burn more calories even when you are not exercising. And exercise helps your body produce beta-endorphines, morphine-like chemicals that help you relax naturally.

4) You may have gained a few pounds. That’s because you’re replacing intramuscular fat with muscle. And muscle weighs more than fat. Do not get worried! This is the best kind of weight gain; it is often accompanied with the loss of inches just where you want to lose them.

5) You can eat more without getting fat. When you exercise strenuously and regularly you need food, so eat! But, make sure it’s nutritious food.

6) You’ll reach a plateau. Suddenly, no change. You’ll get discouraged. You want to quit. But don’t, it happens to everyone in almost identical ways. Three weeks is the time it takes for your cardiovascular improvement to level off according to Washington University Department of Medicine. If you just want to maintain your physical condition, stick to the same program. If you want to improve even more, this is the time to set up your training. Wait another three weeks before increasing it again, or you’ll just be asking for injury.

Diving Coach Bob Wendi retiring after 13 seasons at IIT.

A new automatic system is being installed in Ecke Pool, which is supposed to keep the pool water and chemicals at a specified condition at all times.

Senior swim team co-captain Mike Swenson has qualified for IIT’s Swimming Hall of Fame, and will have a plaque in the Ecke Pool Gallery prior to next season.

Swimming Coach Dennis Wetzel was Guest Speaker last Friday at the Valentine Boys Club Swim Team Banquet, where Wetzel spoke on competitive swimming on the “Boys Club Level” to 150 of the team swimmers and parents.

**Benefit marathon for ALS to be run**

Unique, ten kilometer relay race benefiting the Lou Turner ALS Foundation, was held annually at the Old Orchard Center and benefiting the Lou Turner ALFS Foundation (Amnestic Lateral Sclerosis Research Laboratory) at Northwestern University Medical School.

The team entrance fee is $12 or $12 per two or three selected albums in their original jackets. Runners will receive race packets containing T-shirts, I.D. numbers and a map.

Teams in this CARA-sanctioned event will be continued on page 17