IIT underwater

IIT's campus was deluged by a severe thunderstorm last Friday. The storm, accompanied by strong gusts of wind and severe electrical discharges, began at about 1:15 pm and lasted for 45 minutes. Although light showers continued for several hours afterwards, most of the damage had already been done. Large areas of the campus, including several fireplances and the HUB parking lot, were flooded to a depth of half a foot or more. Building and Grounds personnel attempted to push water out of the HUB lot and onto 33rd street to help reduce the HUB flooding. Traffic was also slowed due to flooded streets and intersections.

Virtual此外, building had was water damage of several inches. The north end of the HUB had water seepage through an outside door to a depth of 3 inches. The door was closed until the water could be removed. in the Life Sciences building. Several toilets on the first floor overflowed due to the high water levels. Several classrooms in the Life Sciences and other buildings had water seepage through the windows. A large amount of water was present in the basements of several buildings, especially the ETC area of Life Sciences. Several fraternity's also reported problems.

Although Stuart building had very little water damage, the Academic Computing Center had its share of problems. A power surge, possibly caused by a nearby lightning strike caused several circuit boards in the computer center to burn out. This caused every terminal outside of Stuart to go down. The damage was quickly repaired, but minor problems persisted for several hours afterwards.

Most of the flood waters had receded by 5:00 pm and cleanup crews were working to remove any remaining water in the buildings. Crews were also working on Saturday to remove mud and debris that had been deposited on the fireplances during the heavy downpour.

ACC acquires PC/AT clones

by Juliana T. Cole

As quite a few IIT students know, the Academic Computing Center has been in the process of updating their spare PC tabs in the Stuart Building. Recently they added yet another type of computer to the first floor PC lab, the Zenith PC/AT clones. The four new machines, each with a retail value of $3200.00, are equipped with 512K memory, expandable to more than one meg., 15 1/4 floppy drive, 1 hard drive (with a 40 meg capacity), and a high-resolution color monitor. They arrived about two or three weeks ago and are expected in the near future.

The reason for using these computers was to provide a user's preference and needs. "If you have something that resembles a spreadsheet or word processor, something that does a lot of determination, it is good because it grinds data quickly," said Steve Brzak. He also added that they are excellent for large data bases. Matt Large, a CS major, stated, "It is much faster than the regular PCs. The drive access time is faster also. A process that takes four minutes or so on the PC takes less than that time on the AT clones." For others, the appeal lies in the fact that Zenith PC/ATs provide excellent high-resolution color graphics for different games and flight simulations. A "Flight Simulator" enthusiast said that "the graphics are much better for games like Flight Simulator." The response time for flight maneuvers is better.

Mock interviews

SWE and NSBE will be sponsoring a Mock Interview event with Amoco Corporation on Thursday, October 6, 1986 from 11:00 - 12:00 PM in the HUB Meeting Rooms 177. There are 15 slots available starting at 11:30 - 12:00 PM. Five representatives from Amoco and one from Dow Chemical will be interviewing for a specific position on the major. They are as follows:

Jim Nicholas (Amoco), Major: Chemical Engineering.

This position will be for a Process Design Engineer. Judy Heath (Dow Chemical), Major: Business Administration, Position: Sales or Marketing, or, Major: Chemical Engineering, Position: Technical Service/Applications Research.

Kenn Zoline (Amoco), Major: EE, CS, or Telecommunications, Instrumentation, or, Major: Chemical Engineering, Position: Telecommunications Analyst.

Pat Raycroft (Amoco), Major: Chemical Engineering, continued on page 7

The popular Technopinion returns

page 5

IIT teams doing well — in Sports

pages 11,12

ATS discusses problems

The ATS held its second meeting of the semester last Tuesday. As always, the floor is opened to hear student concerns during the last portion of the meeting, and a number of issues were raised. The intensity of the meeting rose several notches as several students voiced their complaints. These included a shortage of parking, sanitation, problems in Keating and Stuart, broken computer lab equipment, and computer library fees. These problems will be looked into in the most appropriate fashion. President Preston Parish noted. Where a committee already exists for a problem, they will handle it or the ATS board members themselves will conduct the investigation. "Well get the answers," she said.

Earlier, the ATS proved that it could get answers when the results of an investigation into a previous student complaint were announced. At the last meeting, a student requested that Keating Hall be opened earlier for pre-class workouts. It was reported that past experience has shown earlier hours to be poorly attended, and therefore not cost-effective. Janice Dawson, Assistant Dean of Student Life, suggested that interested students organize themselves and continue on page 10

Animal rights' movement gains momentum

CPS: "The animal rights movement—and its success in pushing laws and bans going into effect this fall— is driving up the costs of campus research by convincing more public animal shelters to stop supplying stray to labs, various researchers say.

"We are not at the critical state yet, but we will be in the very near future," says Susan Wilson, acting director of the division of Animal Resources for the University of Arizona's research.

"Animals will now cost us $5 to 10 times more," she says. At Harvard, "a lot of investigations have had to rearrange their budgets or apply for additional funds," reports Dr. Ronald Hunt, the school's director of animal resources.

Wisconsin estimates the local pound's refusal to give more animals to Arizona could amount to a loss of $200,000 to $400,000, not including (lost) research grants.

"But while some scientists say the movement's impact—which spread quickly through U.S. campuses after the 1985 conviction of a University of Maryland Professor for cruelty to animals—is economically crippling, others minimize the cost increases and say many schools are adopting new research technologies to replace animals.

Local shelters near the universities of Florida, Tennessee-Memphis, Ohio State and Cal-Davis, among others, recently have stopped supplying free or cheap stray animals for campus experiments.

Eleven states in all have outlawed "pound seizures" of animals during the last five years.

The Humane Society of the U.S., for one, doubts the pound's actions will inhibit research or make it more expensive.

"No one has local sources for animals," says a Humane Society spokesman. "Every one buys long distance." "These anti-pound seizure measures have stopped the flow of cheap animals," concedes Dr. Randall Lockwood of the society.

But they have helped preserve animals, too. "It is in the public's interest and the animals' interest to continue on page 10
NEW CAMPUS MINIBUS SCHEDULE
This new schedule will be in effect starting this week.

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ATTENTION!

TECHNOLOGY NEWS
STAFF WRITERS
AND PHOTOGRAPHERS

IF YOU WANT TO GET PAID FOR THE WORK YOU HAVE DONE, YOU MUST ATTEND A STAFF MEETING WITHIN THE NEXT TWO WEEKS OR CONTACT YOUR EDITOR. OTHERWISE YOU WILL FORFEIT ANY CLAIM TO PAYMENT. IF YOU ARE ON THE STAFF AND HAVE NOT ATTENDED ANY MEETINGS, YOU HAD BETTER START, OR YOU WILL BE DROPPED FROM THE STAFF.
Open NSBE
The National Society of Black Engineers (NSBE) is always open for new ideas, members, and challenges. Following our successful membership drive, we look forward to the participation of new and old members in various NSBE-sponsored events. A major event, Tech Expo, needs assistance in typing resumes that are to be distributed at the NSBE Communication Expo: Contact Dwight Childress at 841-0766 for more information.

On Oct. 9, NSBE sponsors mock interviews with Amoco in the HUB from 11 a.m. to 2 p.m. Several time slots are still available. For more information contact Merv Boyd at x2384. Please attend, and bring a friend.

Conference
NSBE's Regional Conference is being held Oct. 17-19 at McCormick Center Hotel. IIT and Northwestern University are hosting the conference. Representatives from 27 schools in our region will be in attendance. We are expecting full participation of our chapter members. Additional help for the Regional Conference Planning Committee is needed. For more information contact Greg McKeel (221-2799) or Nancy Gilbert (x2293).

Bible and You
Continuing reflection and sharing of insights from the Letter to the Hebrews, Tuesday Sept. 30 at 12 noon in room 308 of the VU. Holy Communion
Communion-Eucharist is celebrated on Sunday Campus at 4:30 p.m.

WOU! Meeting
WOU! will hold a staff meeting on Tuesday, October 6th at 12:30 p.m. The meeting will be held on the 5th floor of the Main Building in the WOU office. All students interested in joining our staff, should attend the meeting. Current staff members are required to attend or notify Kevin or Ed.

Foosball
On Tuesday, Sept. 30th, the Rec Center will host a Foosball tournament. Win Protos. Sign up now at the Rec Center desk or call x3079 for more info.

ASCE Pit
Following is the schedule for the construction activities for the ITASCE PRO Project.
Sept. 29 (Mon.): 12-2, 3-6 p.m; Digging of footing & construction of the formwork.
Sept. 30 (Tues.): 12-2:30; Mixing & pouring of the concrete foundation.
Oct. 4 (Sat.): 10-2; Finishing of the garage.
Oct. 12 (Sun.): 12-2:30; Inspecting of the garage.
Oct. 14 (Tues.): 12-2:30; Top out stone set in place. (Tentative)
Oct. 20 (Mon.): 12-2:30; Formal dedication ceremony. (Tentative)

Blood Drive II
Blood Drive: October 6 from 10:30-3:30 p.m. October 7 from 12-3:30 p.m. Blood Drive is in the East Ballroom in the HUB. Help is also needed for running the blood drive. It interested leave a message for Cecilia Adams @x879.

EIP Jobs
EIP/Great Lakes is now accepting applications for the 1996 intern program. EIP/Great Lakes is a private, non-profit organization dedicated to providing college students, recent graduates and graduate school students with an opportunity to "learn by doing" through paid, professional-level, short-term experience with organizations working on actual projects in environmental protection, resource management and community development.

EIP offers a multi-disciplinary program and draws from the talents of the most experienced and dedicated professionals in engineering, chemistry, environmental science, resource management, public health, landscape architecture, urban planning, education, journalism, industrial hygiene, and labor relations (with a strong chemistry background) and many other areas of study.

For more information or application materials, please call or write to EIP/Great Lakes, 332 The Arcade, Cleveland, OH 44114, (216)861-4545.

Indian Movie
The Indian Students' Association will screen the Hindi movie "Padosan" (Neighbors) on Friday Oct. 3 at 7:00 p.m. in room 305 of the HUB. Everyone is welcome, and its Free!

Blood Drive
The American Red Cross Mobile Blood Collection Team will be on Campus Oct. 5 from 10 a.m. to 2 p.m. in the East Ballroom from 10 a.m. to 2 p.m. Alpha Phi Omega will again co-ordinate the process and award organizations making the best response.
Comments on U.S. foreign policy
by: Mark Panda
d
The debate over U.S. policy toward Nicaragua has reached a crescendo, and the question of how to support the Sandinista junta, its cause, has been condemned by some in the U.S. and worldwide. Justification for this condemnation has gone through two phases.

In the first phase, the Marxist Sandinistas were depicted as genuine reformers who desired only political pluralism and economic well-being for Nicaragua, and peaceful coexistence with its neighbors and the rest of the world. As time passed, this charade became increasingly untenable. The U.S. military, propiedad right were eroded and private enterprise steadily nationalized. Sandinista harassment and censorship of oppositional opponents began well before the communist junta. As this continues with the closing of the newspaper La Prens and the attack on the Catholic Church, both of which oppose the Sandinista's tyrannical rule, it becomes increasingly untenable.

The Sandinistas' support for the U.S. has long been a source of concern, especially for those concerned with freedom for Libya and PLO terrorists. The Sandinistas' search toward totalitarianism could not long be denied and began in the two years during which the Sandinistas were in power. It seemed that the only way to overcome the errors was to concentrate on the junta's success. A 51%-majority position, increasingly objectionable, the Sandinistas, the Contras were far worse. They were, in the view of some, the most inhuman of the Sandino's to whom sought to impose a fascist, thuggish, and terrorism who committed atrocities against Nicaraguan people.

In fact, given their military training, the presence of members of Sandino's National Guard had convinced the Contras that the Sandinista junta under its current leader. The Contras, under the leadership of Adolfo Calero, had lost credibility. Even so, fewer than 3,000 Contras were enrolled in the leftist Peasant Alliance, which seeks earthy salvation and in an atmosphere of "instructive" and "selfless" free markets and individualism with the collapse of an omnipotent state. Many would be left behind by this development.

A joint statement by the Council of People's Power, which acknowledges the right of the Contras to exist, exists. The Contras' rejection of this statement is a testament to its failure to gain acceptance.

HKN to accept new members

The Delta Chapter of Eta Kappa Nu will begin the process of accepting new members from the University of Maine at 8:00 p.m. on Thursday, September 12, at 8:00 p.m. at the Hub Mezzanine. All eligible students should have received invitations by this time.

To the students who did not receive an invitation, we hope you will take advantage of the opportunity to meet us and learn more about our activities for the year. We are the only student organization on campus that believes that we have something to interest our members. For this reason, we have planned several tours of engineering facilities which can give you a chance to see the similarities and differences in various technical environments.

Also, we will hold several technical speakers this semester from companies such as AT&T, General Electric, Magnavox, Westinghouse, and FMC.

HKN stresses that our speakers are professionals, not simply recruiters promoting their companies. They are always willing to answer questions from students. HKN can show you much of their material in ways not often considered in an engineering education. Be assured that these people regularly collect the resumes of those interested in engineering and report to their engineering supervisors upon return to their companies. It only makes sense that they would want to know you better.

After all, in many cases, these people are travelling from out of state just to see you all. The more you all talk, the more likely it will be successful.

For more information, call the faculty advisors at 833-3333 or visit the office in the Business Building.

The deadline for articles, announcements, letters, and advertising is 12:00 Thursday preceding Monday publication. Advertising rate sheets and information are available to regular, editorial, and production offices are located on the fifth floor of Main Building, Phone 577-3085. Our address is Technology News, Illinois Institute of Technology, 3333 S. Federal St. Chicago, IL 60616.

技术新闻

S-PAC speakers to discuss many topics

In case you haven't already heard, there's a major event will be held at the Hub, a Student Professional Awareness Conference (S-PAC). An S-PAC is a day-long conference for students that cover engineering profession, addressing such issues as career planning, leadership, professional development, and communication skills. The conference is open to all students in the B-1 Ballroom followed by a panel discussion of the topics presented.

James Watson, Sales Director for the Ohio Edison Company will be speaking about "Engineering as a Profession." Mr. Watson is a former member of the IEEE, and was chairman of the Commercial/ Industrial Power Group at the Edison Electric Institute.

Robert Janowick, president of Professional Awareness Conference International, will be talking about "Engineering Education: The Future of the Engineering." Mr. Janowick is an IEEE graduate, an IEEE Trustee, and an adjunct professor of Marketing and Business Policy at the Illinois Institute of Technology.

The IEEE is a member of the Stuart School of Business Administration, and is also a member of the Professional Education International organization. He was former president of the Federal Committee on Engineering Education at the Illinois Institute of Technology.

Leonard Reiffel, founder and president of InterCap Corporation, will be presenting a "Technological Entrepreneurship." Mr. Reiffel is a three-time IEEE alumnus and an internationally recognized inventor, educator, and administrator. He has served as a scientific consultant to several federal agencies as well as a consultant to the Department of Energy and NASA.

As founding dean of the School of Engineering at IIT, Mr. Reiffel was Group Vice President of IITR.

Leadership Conference

Success - something everyone wants. Yet only a few achieve it. There is no secret formula for success. It can only be obtained with a bit of hard work.

HKN stresses that our speakers are professionals, not simply recruiters promoting their companies. They are always willing to answer questions from students. HKN can show you much of their material in ways not often considered in an engineering education. Be assured that these people regularly collect the resumes of those interested in engineering and report to their engineering supervisors upon return to their companies. It only makes sense that they would want to know you better.

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技术新闻

S-PAC speakers to discuss many topics

在你还没有听说的情况下，预计将有一场大型活动将于在Hub，学生专业意识会议（S-PAC）。S-PAC是为期一天的会议，为学生提供有关工程专业的介绍，包括职业规划、领导力、专业发展和沟通技能等。会议将由俄亥俄爱迪生公司的销售总监James Watson先生作主题演讲，演讲题目为“工程学作为一门专业”。Watson先生曾是IEEE的成员，并担任伊利诺伊大学爱迪生电力建设大学的主任委员。

Robert Janowick先生是Professional Awareness Conference International公司的总裁，他将作关于“工程学教育：未来工程师教育”的演讲。Janowick先生是IEEE的校友，也是伊利诺伊大学爱迪生电力建设大学市场营销和商业政策的助理教授。

InterCap Corporation的创始人兼总裁Leonard Reiffel先生将作关于“技术创业”的演讲。Reiffel先生是IEEE的校友，也是公认的发明家、教育家和管理者。他曾为几个联邦机构的科学顾问，并在NASA任职。

Reiffel先生是伊利诺伊大学工程学院的首任院长，也是IIT的副主席。

领导力会议

成功——每个人想要的。但只有少数人能够实现。没有秘方可以保证成功。只有努力工作才能实现。

HKN强调，我们的演讲者是专业人士，而不仅仅是公司招聘的推销员。他们总是愿意回答学生的问题。HKN可以向你展示他们在其他领域的很多材料，这些材料通常不被认为是工程教育的。确保这些人们定期收集对那些对工程学感兴趣的人的简历，并报告给他们工程学的主管。这简直是太合理了，因为他们想知道你更多的信息。

毕竟，在很多情况下，这些人们是来自外州来见你们的。你们聊得越多，成功的可能性就越大。

更多信息，请联系你们的老师或访问工程学院的办公室。

新闻日期为每周一，地点在Main Building，电话577-3085。我们的地址是Technology News， Illinois Institute of Technology，3333 S. Federal St. Chicago, IL 60616.
Technopinion asks: What are your goals for this semester?

Paul Helwig: This is my first semester at IIT and I have just been elected president of my pledge class. I hope I’ll be able to fulfill my requirements as president and get good grades at the same time.

Nick Kurukie: My main goal is to keep my grades up, and if there is any spare time, I would like to get into sports and probably attend a few parties.

Popfie Yen: I am definitely not going to any parties this semester. I was not too impressed with my grades from last semester, so I have promised to do a lot better this time.

Suresh Krishnan: Since I am an upperclassman, things are getting tougher and courses are getting alot harder. So, I will have to do nothing but study.

Barbra Steiner: My goal is to make it through the semester and keep my grades up. I would also like to get involved with people, have some fun, get sleep, and make some money.

Rights

continued from page 1
parallel to the ban on the importation of chimp monkeys. They were treated like disposable commodities to pick up, use and throw out. When they became expensive, they were ultimately treated like valuable items. Harvard’s Hunt doesn’t see the laws helping to save animals lives, however.

“We are talking about animals that are going to be destroyed (anyway),” he says.

And while Lockwood says dogs bled for research are better anyway because scientists know the animal’s genetic history, Hunt thinks “it is somewhat ridiculous to breed a dog for (expense) and then destruction (when hundreds of thousands are available).”

Harvard’s expenses for buying research animals have tripled as the result of a new Massachusetts law prohibiting using primate animals in labs. Tennessin-Memphis estimates its research animal costs will rise “five to ten times” after a new animal law goes into effect on Dec. 31.

says UT-Memphis Chancellor Dr. James Hunt, “People prefer to kill unwanted animals (in pounds) rather than allow animals to be used to enhance mankind. They are putting animal values ahead of human values.”

The law “will affect the volume and flexibility of research,” he adds.

University of Chicago spokesman Jonathan Kleinbard last spring testified that a proposed Chicago law to control the flow of animals into labs would stop “most of the medical research that takes place in this city (on heart disease, AIDS, diabetes, accident injuries, etc.).”

And in July, 1986 a group of multiple sclerosis sufferers organized as The Incalcuriy for Animal Research, organized to protest local Arizona shelters’ then-proposed plans...
Field museum events

NATIVE AMERICAN MONTH AT FIELD MUSEUM
A Forecast of Exhibits and Events:

World Music Program — Saturday, November 22, 11:30 a.m. to 1:30 p.m.:
Music communicates many different things to many different people. It is something that can be shared by all of us, whether or not we have common specialties, beliefs, or even languages. From the rhythmic sounds of the rattle to the melodic strains of a Native American flute, experience with us the music of Africa and Native American cultures. The World Music Program is supported by Kenneth and Harle Montgomery in honor of E. Leland Weber, President Emeritus of Field Museum.

Medicine Wheels — Family Feature — November 8 & 9 & 16, 11-5 p.m.:
Many Plains Indians hang medicine wheels in their homes, or wear them as an ornament. These small wooden hoops encircle a small bundle tied in the center. Tucked inside the bundle is a special charm with symbolic power to balance and heal the whole family. Children can make a medicine wheel and get a chance at their own magic. Family Features are free with Museum admission and tickets are available at the gate.

Life as a Hopi — Ramon Lomatema-wama — November 8 & 16, 2-3 p.m.:
Since 1977 Ramon Lomatema-wama and his wife and their three daughters have lived the Hopi reservation. Join Ramson, Hopi poet and educator, as he talks about his family’s experiences on a Hopi reservation. Listen to stories about the Hopi people and poems about the weather, mesa, fields of corn, and animals which are the spirits of life in Hopi. Learn how he and his family renewed their Hopi heritage.

American Indian Celebration — November 28-29, and 29-30:

The Last Word

by Jeff Gamblin

4-5-56

The aliens landed today. We detected it at 8:00 a.m., at least I’m not sure when but they were already deep in the solar system. Of course, we didn’t find myself, but I heard about it on the video. I’m not a scientist, just a merchant. I own a small shop in a small town; although I don’t think that that is going to matter anymore, things are not what they were. You see — the aliens landed today. They came down all around the world. Down into the blasted remains of the cities. I heard it on the video, they destroyed every city they landed in. Millions were killed. My family was in the capital. I can’t write any more now.

4-8-56

I don’t know why I’m writing this, I guess someone has to. Somebody has to record what’s going on now. The world is in chaos. There’s been no video for two days and only an occasional radio broadcast. I’ve closed up the shop and heading north; there’s no reason to stay here. The aliens are coming. Now they look real. The army is opposing them but that won’t do any good. I’ve seen few soldiers going through town to the front and their faces show nothing but fear. I’ll be long gone by 4-9-56.

The army commandeered the south part of town. I took out what supplies I could along with a radio. They still broadcast news at midday. Guess I’ll walk from here, I don’t know where I’ll go just north.

4-11-56

I saw one of their ships today. It flew high overhead but I hid anyway. Now they look real. They haven’t even slowed their advance. There’s nothing we can do.

4-13-56

I saw another one of their ships again. It was flying over this tiny village looking for targets. I guess. Why did they do it? We did nothing to them. Their ships just came from space and attacked our people. We were harmless. We were trying to get out of our own way and welcome them to our world. I saw it on the video—a big field outside the capital where they landed. I suppose that field is their command post now. Ironic isn’t it?

4-19-56

I haven’t written anything lately. I’ve been just trying to stay alive. I think the army has cleaned up the shop and heading north. They don’t look scared anymore, it’s just looked like the eyes of someone who knows who standard that they are going to die. I saw smoke to the west one day and the horizon glowed red last night. I climbed a tree to see farther and thought that I could see flames. The world is burning.

4-25-56

I think the date is right but I’m not sure. Last saw the radio crossing a stream. It doesn’t continue on page 7.

UB presents Esperie

by Greg Emil

If you walked through Hermann Hall on your way somewhere else Wednesday afternoon, you probably knew there was something different in the air. No, not something back-different, like the smell of two-week-old tuna and cranberry upside-down cake. I mean something good-different: the lyrical sounds of Esperie, a flute. Steve Hartmann, the harpist, and Mary Stolper, the flutist, are Esperie, and they make relaxing, beautiful music. Sponsored by the Union Board, as part of their Focus on the Arts series, Esperie played a variety of tunes for an hour in the HUB gallery lounge.

Some, of course, say that the flute and the harp can’t be played together, but not quite the way that Don Johnson can. But matters of taste are best left to be argued by boors and snobs. Whether your taste is Don Johnson or Don Giovanni, there’s no arguing with your neuro-muscular system when it responds to the unique, restful harmonies a duet like Esperie resonates.

While the Busy scurried from there to there, the Lucky lay back and enjoyed. They heard a number of tunes and styles and a Spanish piece, a Bach, some jazz. While Steve continued on page 7.
Word

continued from page 6

matter anyway. The batteries were almost dead and I hadn't
heard any news in days. I lay upon a mound today, in
the morning. There was no one there, the whole town had
been burned. It wasn't normal fire either, even the stones
were melted. I saw bones too, lots of bones.

5-56

Don't know what day it is,

saw them for the first time two,

or was it three days ago?

They're evil, pure evil. I had

just come over a hill and seen

a farmhouse down below me.

I think I was going to go down

and see if I could get something
to eat from the people at the

house. I really don't remember

now, then I saw them, the

aliens, the beasts. They came

to the house in a ground

vehicle. I hid myself in the

bushes. When the farmer saw

them he sent his wife and two

children outside. He put down

the tool he was using to weed

their small garden and went to

meet them. Before he had taken

six steps they shot him. Then

they surrounded the house.

I saw what they were going to do

so I ran. I ran away from there

as fast as I could but not fast

enough. The woman and children

were trapped in the house. I can still

smell the smoke and hear their screams

in my nightmares.

5-56

Still running, don't know

where but I'm still running. Not

going north anymore, no sense in

It. The Demons or everywhere.

That's what I call them now—Demons. I see them

often now, rarely do I see

anyone else. I've hidden in

basements and cellars for

days at a time listening to their

barbarous song and

wandering for them to go away. So far I've

been lucky. If you can call living

lucky, I'm not sure anymore.

At least I don't have to worry

about being taken prisoner. I've

seen the Demons operate, they

don't take prisoners.

5-56

This is my final entry. I'm

in a cellar in a burned-out house in

a ruined town on a dying world.

The stairs collapsed under me

when I came down. I can't wait

now and they are right outside,

searching. It's only a matter of

time now. I'm going to hide

this record in the wall, maybe

someone will find it someday.

Maybe our children or our

children's children, if there are

any, will overthrow these

Demons. If they do and if they

find this journal they will know

where these beasts came from.

It might help, I don't know. I've

learned just enough of their

barbarous language to figure out

where they are from. They talk

about it all the time. If we ever

get the chance then our people

can destroy the demon at its

source. They're the building

now so I must finish this

quickly. Their star is the

middle one in the belt of the

swords in the constellation of the

Warrior. Their home planet is

called Earth.

Esperance

continued from page 6

Strumming away on his head

high harp, Mary used several

different instruments, including

the traditional flutes, a piccolo,

and a unique Romanian pan-
pipe. Each was well done, and

the audience was enthusiastic,
even better.

While next month's Focus on

the Arts event won't be like

the one in February (if the

ticket price is scheduled),

Jenise Cohen, the Focus series

chairperson. One entertainment

to find time to enjoy this

free series of cultural events.

Mock

continued from page 4

Major: CS or MIS, Position:

Applications Programmer/

Analyst

Anne Callahan (Amoco),

Major: CS, Mathematics,

General Engineering, Position:

Software Programmer/Analyst

Registration will be on a first-

come, first-served basis with

preference given to SWE/NSBE

members and juniors or seniors.

In order to make the Mck

interview event a true

scenario of the real situation,

the organization will provide

a copy of their resume and

possibly an old or current copy

of the transcript on the day

they sign up.

Co-op students interested in

the Co-op format can be

submitted for the resume.

This event can help students

refine their interviewing skills

and also learn to cope with

unusual questions by giving

them a chance to adapt to new

grades, lack of experience, and

other weaknesses.

Students can sign up in the

SWE office (Room 116 E1) on

W F (11:00-1:00) and Tuesday,

Thursday (12:00-2:00). Each

student who signs up will be

given a brief synopsis of the

position, a copy of the

interviewing format and a blank

copy of the interviewer evaluation sheet.

Students participating must

wear the professional attire

during the interview.

In the few questions, please

contact SWE president Grace

Pepper at x3866, NSBE

president, Marva Boyd at 642-

9707, or leave a message in

DOSL.

Exercise

with Daley

If you are finding it difficult
to exercise because of your
schedule, allow us the

Daley Bicentennial Plaza (333

Randolph St.) the answer to

your problem.

Exercise before you go to

work. Exercise during lunchtime! Exercise on your way from off of

campus. You have your choice

between the more strenuous

athletic exercise or the calming

of yoga.

Rhythmic exercises are

offered Tuesday thru Thursdays

at 7 a.m. There are 45 minutes

sessions on Mondays, Wednesdays and Fridays at

lunchtime (12:05) and evening

classes Mondays thru Thursdays

at 5:30 p.m.

The fee is only $1.50 per

class and there is no pre-

registration required.

Yoga classes are held

Tuesdays thru Thursdays at

12:05 p.m. The fee for the 10

week course is $10.20.

Showers and locker

facilities are available.

For further information call

294-4792.
IIT UNION BOARD

I apologize to those of you who missed the flute and harp duet because you went to the wrong place. Last week I said it would be held in the Gallery Lounge, formerly the Chit Chat Club. Well, the Gallery Lounge isn't the old Chit Chat Club. Sorry to those of you who were in the wrong place. The next Focus on the Arts is a crowd-oriented magic act. I will try and make it up then.

F/X

It means Special Effects, and this movie is full of them. Rollie Tyler has to stage a fake assassination for the government. Someone forgot to tell Rollie that it wasn't going to be fake. Now, in order to get out alive, he must use every trick from every movie he ever made.

Thursday, Oct. 2 5:15 pm
Saturday, Oct. 4 7:00 and 9:30 pm

Studebaker John and the Hawkes

The tradition of great Chicago Blues lives on with Studebaker John. And when they arrive in the Bog the place will be jumping. Come to the Bog to see this blues band, and you might be the next lucky winner. I am boosting the prize. We are offering a free pitcher of beer to the sixty-ninth person to walk through the gate. So show up at the Bog to find out what's going on around campus. Must be 21 or older to win.

Thursday, October 2nd 9:00

Coming to the HUB...

October 9th
Bo Ramsey and the Sliders
Youngblood

October 11th
Youngblood
At long last, the eagerly awaited puzzle page returns. Due to personal business out of town, this column had to wait a week. Sorry if its absence disturbed you.

Also, it has come to my attention that the issue three weeks ago that contained the first group of puzzles was unnaturally popular. If you missed the puzzles then, all I can say is find out who took all the papers and beat the stuffing out of them. (If you do, let me know, and you too will have your name appear in this space. I might even buy you a pizza.) That was over $200 worth of papers that were taken.

In any case, the answers to the puzzles appear at left. Unfortunately, I can't reprint the puzzles due to lack of space and sheer laziness on my part. Sorry.

Those who knew the answers:

Sean Linnane
Len O'Kelly
John R. Snyder and
Trieu Hoang

Thanks to all who tried.

Puzzle #1:

\[
\begin{array}{c}
9567 \\
+ 1085 \\
\hline
10652
\end{array}
\]

Puzzle #3:

Andy: Third base
Ed: Shortstop
Harry: Pitcher
Paul: First base
Allen: Catcher
Sam: Left field
Bill: Center field
Jerry: Second base
Mike: Right field

Puzzle #2:

Squaring the circle is proclaimed impossible, but what does impossible mean in mathematics? The first steam vessel to cross the Atlantic carried as part of its cargo a book that proved it was impossible for a steam vessel to cross anything, much less the Atlantic.

(Yes, I know it's not a very inspiring quote. I never said it was.)

This week's puzzle:

There are two jars of equal capacity. In the first jar there is one amoeba. In the second jar there are two amoebas. An amoeba can reproduce itself in three minutes. It takes the two amoebas in the second jar three hours to fill the jar to capacity. How long does it take the one amoeba in the first jar to fill that jar to capacity?

Answer: ____________________

Name: ____________________

Solve this puzzle and, once again, you could win the thrill of seeing your name in print. Turn in the answer to our offices on 5th floor Main Building by noon, Thursday, October 2. (Note that this is only four days. Simple math should not be that hard for you.)

We want to take heart defects out of the nursery.

It almost breaks your heart to see it. She's two days old and there's a question about a hole in her heart. She's fortunate. Something can be done about it. Each year 25,000 infants are born with heart defects which can disable them for life.

The American Heart Association is fighting to reduce the form of early death and disability with research, professional and public education, and community service programs.

But more needs to be done. You can help save young lives by sending your dollars today to your local Heart Association, listed in your telephone directory.

Put your money where your Heart is.

American Heart Association
WE'RE FIGHTING FOR YOUR LIFE
LIVE A LONG AND HEALTHY LIFE

Designed by Henk Primov
PCs changing study habits

Personal computers are changing the way students study habits, making students feel more "involved" in academics and helping students improve their grades, University of Illinois researchers have found.

They added it may be "too early to tell" if personal computers really do help students study better grades.

However, they did find vast differences in the ways men and women use the same computer system.

During the first half of a four-year study all found students used computers mostly for writing courses paragraphs for class papers, term papers, essays, and summaries and playing computer games.

Researchers, who had access to computers also tended to study more for their dorms in than in other areas on campus.

"We found most students in the residence halls," says Howard Reiter, one of the authors of the study, "I know when I went to college, I did most of my studying in the dorms, or three in the morning. Most computer centers close at midnight, so residence halls are already 24-hour buildings, we are finding they are good places to study as well.

"Through researchers are still sitting through the data we gathered during the first year of the study and have yet to make a decision on the data.

Leadership continued from page 4

Leadership is a key to the success of an organization. The conference is designed through different sessions on leadership style and the benefits of extracurricular involvement, followed by varied events on campus.

The Fall Leadership Conference is a great opportunity for everyone to get involved, and you can't miss it. If you still aren't convinced to attend, here's what some of the students had to say about whether or not the conference was beneficial.

"Only one word: definitely. I definitely think it was beneficial and should be continued."

"It is a great encouragement for those who don't have leadership experience."

To attend, sign up in the Student Life Office by Thursday, November 14th. Once again, the Fall Leadership Conference is a great opportunity - don't miss it.

HKIN continued from page 4

regarding technical speakers. Yes, you don't have to come to the conference by attending these short, free presentations. Yes, all of our presenters are experts in their field and we will provide free refreshments all night as we can.

Remember, we are the EE honor society. We will continue to strive to provide EE's with the opportunity to have more computer experience, and generally more willing than others to use them, although Diamond says the study found most students had some previous experience using computers "in one form or another!"

About 48 percent of the men and 32 percent of the computer during high school. Only 25 percent of 20 students did. About 15 percent to 20 percent of the 20 students in the study said they initially felt computer science was a science with personal computer systems.

"Those who don't learn to become good users of computers," Diamond says, "will suffer academically."

People with computers are now facing heavily, drastically. Humanities, for example, once considered a computer as not being particularly enhancing," Smith notes.

"Now, in English composition classes or literature classes, students no longer find it necessary to read books," he says. "A kid who has a word processor is going to be better prepared to write a piece of a plain old typewriter."

If something needs to be changed in the middle of a paper, a student can access the computer, Smith says, "with a word processor, it's just a click of the keys. For the kid with a typewriter, it's a white-out."

"Computers don't necessarily reduce the amount of homework, but they do enhance the quality," Smith concludes.

Eileen Mascullo, Cultural, John, Pullen and Charlotte Kowalski, Puality, Rich Pris, Security, and David Glickman, College Board, who was IIT at the IHED-SAC were Bob Grant and David Smiawirski, IIT at the IHED.

ATS continued from page 4

Dec. 13 TCU

Dec. 18 University of Akron

Dec. 23 Wayne State

Jan. 5 Illinois State University

Jan. 10 University of Iowa

Jan. 15 Temple University

Jan. 22 University of Miami (Ohio)

Jan. 24 Harvard University

Jan. 29 University of Wisconsin-Madison

Feb. 5 University of Michigan

Feb. 10 Michigan State University

Feb. 12 University of Illinois

Feb. 17 Temple University

Feb. 24 Wayne State University

ATS continued from page 4

into a club to demonstrate their dedication and numbers. The program's charter chair appointments were made:

Appointed were: Manish Shah, Connections advertising;
Tennis team splits

Led by junior captain Kristyn Lyons and sophomore Chris Kostner, the women's tennis team was victorious against the visiting Northeastern Illinois University on Sept. 22nd by a score of 5-1. Kristyn Lyons completed in the No. 1 singles position and defeated her opponent in three sets (6-2, 6-2, 7-5). Chris Kostner, the No. 2 singles player, added another win to her record, finishing off the opposition in only two sets (6-1, 6-0). Chris is undefeated in singles play with a perfect 4-0 record. Kristyn and Chris, the Hawks No. 1 doubles team, outplayed Northeastern by a (6-1, 6-0) tally.

Chris Kostner

2, 6-4) final. Also playing well and winning matches were freshman Adina Green and senior Shirley Kwei. Adina, the No. 3 singles player came out with a (6-4, 6-1) victory while Shirley followed fashion winning (6-2) at No. 4 singles. On Wednesday, September 17th, the Hawks dropped a decision on the road to North Central College by a 2-6 score. It's last home match will take place on Monday, September 29th at 3:00PM against Concordia College. All tennis enthusiasts are encouraged to attend the match which will be held at the tennis courts next to the Commons Building.

Kristyn Lyons

Varsity swimmers out to lunch

The varsity swimming team will hold their annual pre-season luncheon on Tuesday, September 30th in the Faculty Dining Room. All returning team members as well as three new recruits will be at this luncheon meeting.

Soccer

The most significant week of the IFC football season occurred last week. The "big three" of Delta Tau Delta, Pi Kappa Phi and each other head-to-head last week.

On Monday, the Delta played the Apes with the final score being 38-12. The highlight of the day occurred on the other field. The Sig Eps met the Pi Kappas. These are two of the top teams on the quad. The game was nonstop action. Both teams were able to move the ball against the opposing defense but with one major difference, every time the Sig Eps got close to scoring, an untimely interception or unforced mistake would stop their drive. The Pi Kappas capped their drives with scores and won 31-2.

Tuesday, Theta Xi met the Eps, Theta Xi, behind quarterback Rich Tandberg, took the game easy 29-13. In the other game, top contender Phi Kappa Sigma crushed triangle 48-12 with an explosive offensive.

Wednesday, in the pouring rain, Alpha Sigma Phi crushed the Apes 25-6. Probably the game of the day was occurring on the other field between the Pi Kappas and the Eps. The Delta's Pres 14-12 in the rain as the extra point proved the only difference to take over sole possession of first place.

The week ended with the Alpha Sigma crushing the Eps and Theta Xi beating Triangle 28-18.

Next week's big game will be on Monday as the Delta faces the second-place Alpha Sigma.

The standings at the end of last week were as follows: Delta Tau Delta, 5-0; Alpha Sigma Phi, 5-1; Phi Kappa Sigma, 3-1; Pi Kappa Phi, 3-1; Theta Xi, 3-2; Sigma Phi Epsilon, 3-2; Alpha Epsilon Pi, 1-5; Triangle, 0-5; and Tau Epsilon Phi, 0-6.

continued from page 12

averaging a goal per game, and Juan Apuriz, the Technology News of the Week.

This year's soccer team has been plagued by numerous injuries which plague its starting athletes. However, incoming freshman and veteran players from last year have made the difference this season. John Talianov, a forceful midfield player, has matured into a tough defender and has assumed a leadership role in the team through his determination and work ethic.

Roberto Guerro is a first year starter from St. Ignatius High School who has been playing the sweeper position which is a triangle that keeps an eye on the sweeper position.

L-R Swimming coach Dennis Mutch, Team captain Chuck Fee, Daryl Peters, Will Johnstone, Mike Messler, Matthew Fernandez, Rob Kracki, Patrick Grage, Doug Lovato, David Hathaway, Fred Palfy, and Athletic Director Dennis Hull.

1986-87 Varsity swimming schedule

<table>
<thead>
<tr>
<th>DAY</th>
<th>DATE</th>
<th>OPPONENT</th>
<th>PLACE</th>
<th>TIME</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sat.</td>
<td>Nov. 1</td>
<td>North Central &amp; Millikin University</td>
<td>IIT</td>
<td>1:00</td>
</tr>
<tr>
<td>Sat.</td>
<td>Nov. 15</td>
<td>11th Annual Hawk Relays</td>
<td>IIT</td>
<td>1:00</td>
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<tr>
<td>Sat.</td>
<td>Nov. 22</td>
<td>Loyola - Six Team Invitational</td>
<td>IIT</td>
<td>1:00</td>
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<tr>
<td>Sat.</td>
<td>Dec. 8</td>
<td>UMSL &amp; Michigan Tech</td>
<td>IIT</td>
<td>1:00</td>
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<tr>
<td>Wed.</td>
<td>Dec. 10</td>
<td>Carthage &amp; Lorain</td>
<td>Carthage</td>
<td>4:00</td>
</tr>
<tr>
<td>Sat.</td>
<td>Dec. 13</td>
<td>North Central Invitational</td>
<td>Eureka</td>
<td>1:30</td>
</tr>
<tr>
<td>Sat.</td>
<td>Dec. 13</td>
<td>Eureka College</td>
<td>Eureka</td>
<td>1:30</td>
</tr>
<tr>
<td>Fri.</td>
<td>Jan. 6</td>
<td>Carroll &amp; UW - Oaksho</td>
<td>Oaksho</td>
<td>4:00</td>
</tr>
<tr>
<td>Wed.</td>
<td>Jan. 28</td>
<td>U-Chicago &amp; IBC</td>
<td>IBC</td>
<td>4:00</td>
</tr>
<tr>
<td>Sat.</td>
<td>Jan. 31</td>
<td>Luther-Loras Invitational</td>
<td>Dubuque</td>
<td>All Day</td>
</tr>
<tr>
<td>Wed.</td>
<td>Feb. 4</td>
<td>Lake Forest &amp; Loyola University</td>
<td>L. Forest</td>
<td>4:00</td>
</tr>
<tr>
<td>Thu./Fri.</td>
<td>Feb. 12/13</td>
<td>Illinois Area Swim Camps</td>
<td>Wheaton</td>
<td>All Day</td>
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<tr>
<td>Sat.</td>
<td>Feb. 14</td>
<td>Illinois Area Swim Camps</td>
<td>Wheaton</td>
<td>All Day</td>
</tr>
<tr>
<td>Sun.</td>
<td>Feb. 19</td>
<td>U of Illinois, Chicago</td>
<td>UIC</td>
<td>4:00</td>
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1986-87 Varsity swimming schedule

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</thead>
<tbody>
<tr>
<td>Wed./Thu.</td>
<td>Mar. 4/5</td>
<td>NAIA National Championships</td>
<td>All Day</td>
<td></td>
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<tr>
<td>Fri./Sat.</td>
<td>Mar. 6/7</td>
<td>Schroeder Aquatics Center, Milwaukee, Wi</td>
<td>All Day</td>
<td></td>
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Volleyball team 11-0

A first place finish in the Scarlet Hawk Invitational and a NAIA national ranking of 21st are this week's highlights for the IIT volleyball team. Their record is currently 11 wins, 0 losses.

The Hawks flew through the Invitational, winning five consecutive matches. Their first match of the day was the closest, as they dropped game one to Mundelein College 15-11. IIT took game two easily by a score of 15-8, but struggled in game three, winning by the narrow margin of 16-14.

Rockford College was the next opponent and the Hawks won easily 15-7, 15-7. Trinity Christian College proved to be tougher, but IIT won by scores of 16-14, 15-7. In the semi-final match, the Hawks overpowered Blackburn College 15-3, 15-7. A rematch with Trinity Christian in the finals was hard fought, with IIT winning 15-11, 15-13.

Jennifer Gisk and Joan Bena of IIT made the All-Tournament team.

On Tuesday, September 23, the Hawks travelled to Evanston to face the National College of Education. The match was extremely hard fought as IIT and NCE split the first four games. Game five was no contest as the Hawks played mistake-free volleyball. Final scores were 15-12, 11-15, 15-7, 10-15, 15-2. Kim Murphy had 17 spiking kills in the NCE match, followed by Joan Bena with 16. Jennifer Gisk contributed 25 assists.

The Hawks are currently ranked in 21st place in the NAIA national coaches poll. This week IIT travels to Mundelein College on Tuesday and St. Xavier College on Thursday. Both matches start at 7:00 PM.

IIT Athlete of the Week

Women's Tennis

Chris Kostner is a sophomore architecture major and a member of the women's tennis team. Chris holds the #2 position in singles play and has earned an outstanding 4-0 record. In doubles, she competes at the #1 spot and has three wins and only one loss. With an overall 7-1 record, Chris Kostner leads the team in victories and is an integral part of the tennis program.

Soccer

Juan Aparicio is a senior business major and a midfielder for the varsity soccer team. Juan is the primary force on the Hawks' offense and with his superb dribbling and passing abilities can create goal scoring opportunities where none seem to exist. Every game he plays he stands out and can most accurately be described as IIT's offensive perpetual motion machine.

Volleyball

Joan Bena is the volleyball player of the week. Joan was selected to the all-tournament team in the Scarlet Hawk Invitational. She recorded 33 spiking kills in the tournament, many coming on quick sets in the middle. In the Hawks dual match with National College of Education, Joan had 16 spiking kills and only 3 spiking errors in 49 attempts. She also had 10 blocks in the N.C.E. match.

Soccer team loses 2

The soccer team dropped their last two games by identical 3-2 scores. The first of these matches was played on September 20th against St. Francis College on the Hawks' new home field. IIT came out strong in the first half with an organized attack consisting of smart short passes and overall hustle and teamwork. Their consistent play was rewarded with a comfortable 2-0 halftime lead. In the second half, the Hawks lost their composure as well as the game by allowing St. Francis to score three unanswered goals. Two of these goals were scored late in the second half.

The Hawks faced Chicago State University on a rainy September 24th in front of a soggy home crowd. In this game, IIT was simply outplayed by a better team. Chicago State was strong both tactically and physically. However, the Hawks fought their hearts out playing hard nose soccer but were a couple of goals short of the victory. Scoring for the Hawks were Martin Brandt, who is continued on page 17.