

# The Observer

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TUESDAY, SEPTEMBER 13, 1983

## U.S. diplomat expelled from Soviet Union allegedly mistreated

Associated Press

WASHINGTON — The State Department disclosed yesterday that two Soviet diplomats were expelled from the United States last month as alleged spies, and charged that a U.S. diplomat expelled yesterday from the Soviet Union had been mistreated.

The two Soviets were identified as Yuri Petrovich Leonov, an assistant air attache at the embassy here, and Anatoly Yevgenyevich Skripko, another attache at the embassy. Both were declared persona non grata "for engaging in espionage," said Alan Romberg, a State Department spokesman.

Skripko was declared persona non grata on Aug. 17. The action against Leonov was taken two days later.

A State Department official, who spoke only on the condition that he not be identified, said the decision to announce the expulsions was made because the Soviets disclosed the expulsion of a U.S. diplomat, Lon David Augustenborg, on spying charges.

Augustenborg was vice consul at the U.S. consulate in Leningrad. His wife Denise also was declared persona non grata.

Also, the expulsions of the two Soviet envoys preceded the Soviet

downing of a South Korean airliner carrying 269 people on Sept. 1, which has caused a serious deterioration in Soviet-American relations and prompted worldwide criticism of the Soviet Union.

Romberg said the United States is "vigorously protesting the physical mistreatment" of Augustenborg. He refused to elaborate on the matter, and went no further than to say that Augustenborg was a junior officer at the consulate.

The U.S. official who spoke on the condition that he remain anonymous said Skripko was caught handing money to someone for a classified document he had just received.

Another official said the other person, whose identity was unknown to Skripko, was an agent of the FBI, which had entered the case "at an early stage."

Leonov was said to have been apprehended carrying a briefcase containing classified documents.

One official said Leonov was the same diplomat who attempted in September 1981 to obtain information on MX missile deployment plans from Rep. David F. Emery, R-Maine.

The official said Leonov left the country temporarily after the Emery incident but later returned.



The Observer/Mike May

### A newspaper clipping

*Some guys will do anything to get their picture in the paper. Joby O'Brien probably didn't anticipate this much attention, though, when he got his hair cut at the University Stylists yesterday.*



## Core requirements being re-evaluated

By ELIZABETH FLOR  
News Staff

Student Body Vice President Peggy Prevoznik, a member of the University Curriculum Committee, said that the committee is re-examining the University's core requirements for graduation at last night's Student Senate meeting.

The committee, with members from each of the colleges in the University, is examining the necessity of some requirements as well as the structure of courses.

Headed by Dr. Timothy O'Meara, provost, and Vice Chairman Father Edward A. Malloy, the committee is considering "adding a mandatory computer course for freshmen or

sophomores," Student Body President Brian Callaghan said.

Callaghan, a member of the Committee on the Responsible Use of Alcohol, reported on that committee's examination of the discrepancy between Indiana state law and University policies on drinking.

Indiana state law sets the drinking age at 21, but University policies allow regulated underage drinking. Callaghan believes that policies prohibiting students from drinking alcoholic beverages on campus will lead to increased drinking off-campus.

The issue will be discussed by the Hall President's Council and the

see SENATE page 4

## Congress returns in anti-Soviet mood after summer long recess

Associated Press

WASHINGTON — The destruction of Korean Air Lines Flight 007 had Congress in a bitter, anti-Soviet mood as it returned yesterday from a five-week summer recess, and leaders of both parties agreed that President Reagan is now far more likely to get his way on defense issues.

In the Senate, Republican and Democratic leaders united behind a resolution condemning the Soviet Union for "a cold-blooded attack on a commercial airliner," and "a barbaric action" which "will rank among one of the most infamous and reprehensible acts of aviation history."

The resolution is likely to be approved unanimously tomorrow. Similar action is probable in the Democratic House later in the week.

The Senate version urges further U.S. sanctions against the Soviet Union unless it apologizes for shooting down the Boeing 747 jumbo jet and pays compensation to the families of all 269 people who perished, including Rep. Larry McDonald, D-Ga., and 60 other Americans.

Majority Leader Howard H. Baker Jr., R-Tenn., said, "Over the longer term, we can hope that the combination of universal outrage and the various sanctions we can impose will convince the leadership of the Soviet Union that murdering innocent civilians does little to satisfy their paranoid obsession with security ..."

A co-sponsor of the resolution, Minority Leader

Robert C. Byrd, D-W. Va., said the attack on the Korean aircraft had left Congress "shocked ... offended and somber."

In the House, more than a score of congressmen took the floor at the first opportunity to express their outrage at the Soviets, not only for the attack but Moscow's refusal to allow other nations to search the area where the plane went down.

"This Stalinistic act may be the most vivid demonstration of the Soviet mentality which rules the nation and which has designs on subjugating the rest of the world," said Rep. Ike Skelton, D-Mo.

Rep. Gerald B. Solomon, R-N.Y., said shooting down the plane demonstrates that "the Soviet brand of communism is nothing but liars and cheaters and human barbarians that have no respect for human rights and no respect for human life itself."

The anti-Soviet mood extended to a host of foreign affairs issues in both chambers, including financing of the MX intercontinental nuclear missile, the role of Marines in Lebanon, and Reagan's anti-leftist policies in Central America.

Baker said the plane issue will "deepen concern about the dangers of Soviet conduct in the world and will strengthen the president's request for a stronger military."

But Baker said there may also be new pressures for arms control talks with the Soviet Union because of fresh realization of the risks of nuclear war.

# In Brief

**Two Notre Dame students** were arrested last week outside Kings Cellar Liquor Store, 1621 South Bend Ave., for violating Indiana liquor laws. One student, a 21-year-old, was charged with furnishing an 18-year-old freshman alcoholic beverages. The 18-year-old was charged with liquor law violations. Police reported seeing the 21-year-old hand the other student a brown paper sack containing alcohol. Police said the alcohol was loaded into a vehicle owned by the 21-year-old. — *The Observer*

**About 170 record albums** were stolen from a Grace Hall resident during the first week of school, but there are still no leads in the case, according to Grace Rector Father David Noone. The record collection, which contained nearly 40 rare rock albums of the 1970s, was taken from outside the student's door in the early morning hours of Aug. 31. A reward for return or information leading to the return has been posted. A list of the albums taken is on Grace's main bulletin board. Anyone with information should call Noone at 239-5560. — *The Observer*

**Gilbert F. Schaefer**, founder and president of Gil Schaefer Distributor Inc., of Detroit, has endowed a \$1 million professorship in economics at Notre Dame. The holder of this chair will be a specialist in world monetary systems. In announcing the gift, Father Theodore Hesburgh, University President, said, "The professorship will enhance the University's scholarship in a field of great importance to modern society, will affect generations of students, and will strengthen the Department of Economics, which has no endowed chairholder in its ranks." A former president of the Notre Dame Club of Detroit, Schaefer is a 1925 Notre Dame alumnus who sponsored the first radio broadcast of Notre Dame football to Detroit — an event which led to Notre Dame games being carried throughout the world. — *The Observer*

**Allen County, Indiana** residents will soon be able to pay their property taxes with a credit card — thanks to an agreement worked out between county officials and banks. Allen County Treasurer Linda K. Bloom says the plan — believed to be the first of its kind in the state — will begin Oct. 10. She says the county's seven banks have agreed to accept property tax payments for holders with MasterCard or Visa credit cards. "This way, if people don't have the cash to pay their taxes, we get our money quicker," Ms. Bloom said, pointing out that the plan gives property owners the opportunity to spread out their payments rather than writing a large check. "Somebody may just need 30 days to get the money," she said. Thomas A. Edwards, director of counties and townships for the State Board of Tax Commissioners, said Allen is apparently the first county in the state to develop the payment plan. The plan also has benefits for the banks, said William G. Day, the county's chief deputy treasurer. He pointed out the banks will be able to receive interest on the charges for taxpayers who don't want to get behind on their tax payments. — *AP*

**In the mid-1960s**, Brewster H. Shaw Jr. recalls, he was a long-haired singer and rhythm guitarist in a rock 'n' roll band who "tore around and raised hell" on a motorcycle. But on Oct. 28, Shaw, 38, will blast into orbit from Kennedy Space Center in Florida as pilot of the Columbia on the ninth space shuttle mission. Shaw, a native of Cass City, Mich., left his musical career behind in 1969 after earning a master's degree in engineering mechanics at the University of Wisconsin at Madison. "The Apollo program was just getting started, and the draft board said they weren't going to defer me any longer," Shaw said in a weekend telephone interview from his home in Texas. "I decided that rather than go into the Army, I'd join the Air Force voluntarily, because that way I could fly." Fly he did, winning a fistful of trophies in flight school, then a chestful of medals during two combat tours of Southeast Asia. Columbia is to be commanded by John Young, who has flown more in space than any other American, and the flight's mission specialist is to be Robert A.R. Parker. "You're not really an astronaut until you fly," Shaw said. "That's my definition. If you ask NASA, they'll tell you I'm an astronaut." — *AP*

**The largest gift** ever given to a women's organization — a \$3 million conference center — has been dedicated with the help of former first lady Rosalynn Carter. The Woodstock Conference Center in Illinois was donated by the Chicago-based Scheinfeld Foundation to become the first "think tank" for women, said Erma Gertler, co-founder of the National Forum for Women. The dedication Sunday included an address by Mrs. Carter, a talk by historian Gerda Lerner and performances by women artists and musicians. — *AP*

# Weather

**Partly sunny and cool today.** High in mid and upper 60s. Fair and cool tonight. Low in mid to upper 40s. Partly sunny and pleasant tomorrow. High in mid and upper 60s. — *AP*

# What, me worry?

Feeling jittery? It's not quite the beginning of the year anymore, but you probably haven't really shifted into school-mode yet either. Perhaps the summer memories are having a hard time fading and you're just not in the mood for differential calculus.

And you're worried. Stress is a fact of college life. Stereotypical images of carefree undergrad years aside, in reality tension is an unavoidable and serious product of these years. Cramming to finish *War and Peace* before your 9 a.m. or struggling to complete last week's lab write-up is bound to result in a certain amount of anxiety.

There is an incredible amount of stress related to college, particularly at such competitive schools as Notre Dame and Saint Mary's. Right now, before you've really adjusted to the 18-hour days and prior to the first wave of tests, worry is probably rising on your list of priorities.

We've all heard that worrying never helped anything, but then such cliches aren't any great comfort either.

Although you often can't detect it, everyone in college suffers a certain amount of stress. In fact, the under-cover worrier is often much worse off than the blatant stress freak.

The best way to deal with stress is to recognize it and deal with it. The odds are you won't rid yourself of the collegiate variety until someone hands you a sheepskin on a day in May.

In case you're fast becoming a likely candidate to replace Robert Young on the Sanka commercials, below are a few ways of recognizing and dealing with college stress:

- Since a ton of unfinished homework is the best stress catalyst, the best thing to do is not to let yourself get behind in the first place. But it's probably too late for this advice, so it should be modified to this: catch up and don't let yourself get behind again. Walking into class prepared does wonders for reducing high blood pressure.

- Some form of exercise is the best way to relax. While banging out that late English essay may seem top priority, hitting a tennis ball, bouncing a basketball or taking a dive at the Rock may help too. Just because Notre Dame doesn't consider physical education worth giving class credit for doesn't mean it should be forgotten in the name of academics.

- Giving up television, perhaps the ultimate sacrifice for the college student, gives you a lot more time. The

## Margaret Fosmoe

Managing Editor

### Inside Tuesday



whole time you're watching that rerun of "Laverne and Shirley," in the back of your mind you're probably thinking about homework anyway. Sure, you may not be up to date on "All My Children," but think of all the time you'll have. Pretty soon you won't even remember what Wink Martindale looked like and, moreover, you won't care.

- And it's not only TV. If you really can't come to grips with the pressure, keep a written record of your time for one week. Then add up the time and calculate the percentage spent with each activity. Then set your priorities. Most students would be surprised if they realized how much time they spend on trivial activities that they really don't enjoy.

- Realize there is such a thing as studying too much. Most studies recommend two or three hours a week for each hour spent in the classroom. Being able to detail the obscure floral imagery of 18th century British literature isn't going to matter that much on the final.

- Take some courses just for fun. Learn something about architecture, art or film history while you're here. Not only does this make you a more well-rounded person, but it gives you a break from your more competitive intense major classes. Just because it won't add anything to your resume doesn't mean a class is worthless.

- When dealing with the pressure of required courses, keep your career goal in mind. Accepting that the course will help you in the long run might make it more bearable.

- Recognize the value of a weekend. Saturdays and Sundays weren't created to give you uninterrupted time to worry. Use the weekend to get off the treadmill. While there are definite stress-reducing benefits to getting some of your work done on the weekends, do something different too. Just varying your schedule on weekends makes things a little easier during the week.

The next time you find yourself biting your nails or snapping pencils in two, recognize your worries and try to deal constructively with the situation.

And relax.



## The Observer

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# Mortar shells slam into Marine positions at Beirut airport

Associated Press

BEIRUT, Lebanon — Mortar shells slammed into U.S. Marine positions at the Beirut airport last night, wounding three of the American peacekeepers, a Marine spokesman said.

Maj. Robert Jordan said two of the wounded were evacuated to the helicopter carrier Iwo Jima anchored offshore. One suffered a shrapnel wound in the left hand and the other had a dislocated shoulder, he said.

The third Marine was treated on the compound for a minor shrapnel wound in the leg, he said. Jordan refused to speculate about who fired the mortars, but both Shiite Moslem militias and leftist Druse militias hold positions that would be in range.

The attack, which began after sunset and lasted about an hour, came more than 12 hours after Marines exchanged small arms and machine gun fire with snipers firing from areas largely under the control of the Shiite militia, Amal.

"Some guy would just pop up and let off a few rounds," Jordan said. "But the heaviest concentration was out of Hay el-Sellum."

Hay el-Sellum, a crowded, poor neighborhood south of Beirut, is a stronghold of the Shiite militia.

Jordan said a U.S. Navy task force with an additional 2,000 Marines had arrived off the Lebanese coast. President Reagan dispatched the task force to the area after two Marines were killed last month. Two more Marines have been killed since then.

Lebanese army spokesman Capt. Youssef Atrissi said Amal gunmen in the Beirut neighborhood of Chiyah fired mortars at the Lebanese army.

He said the army responded with "all kinds of weapons," including tanks and machine guns, and destroyed an unspecified number of Amal bunkers. There were no reports of casualties.

In Lebanon's central mountains, leftist Druse militias battled the Lebanese army at the army's stron-

ghold of Souk el-Gharb, a Christian town which controls the major

route from the mountains to Beirut. The army said its gunners blasted a Druse convoy carrying weapons, causing enormous explosions.

Souk el-Gharb is the Lebanese army's only stronghold on the mountain ridge overlooking Beirut, and if the Druse took it they would command the area and the Beirut-Damascus highway.

The Druse claim their forces have overrun about 80 percent of the Chouf and Aley mountain regions since the latest round of fighting between leftist Druse and rightist Christian militias began Sept. 4, when Israeli forces withdrew from the area.

The Druse claim the Lebanese army supports the right-wing militias of the Christian Phalange Party and have resisted attempts by the army to take over positions vacated by the Israelis.

# U.S. demands compensation for Americans killed in airliner attack

Associated Press

The United States demanded compensation from the Soviet Union yesterday for the 61 Americans killed in the Soviet destruction of a South Korean airliner as a pilots' boycott of flights to Moscow took hold in Europe and NATO governments prepared to bar the Soviet airlines from their airports.

Meanwhile, a third body believed to be from the wreckage of the downed jumbo jet was found on Japan's northernmost coast, and the Kyodo news agency reported the plane did not crash for more than 12 minutes after one or more of its four engines was hit by a heat-seeking missile from a Soviet fighter.

The U.S. demand for compensation was presented in Washington by John H. Kelley, an acting assistant secretary of state, to Oleg Sokolov, second-ranking member of the Soviet Embassy staff, but Sokolov refused to accept it.

Kelley also tried to give Sokolov a note on behalf of the South Korean government demanding compensation for its citizens who were killed, but Sokolov rejected it also.

State Department spokesman Alan Romberg said the United States would "continue to press the Soviets to meet their clear obligation under international law to pay compensation to both the United States and Korea."

The pilots' ban, begun Friday in Britain, was joined by pilots in Italy, the Netherlands, Norway, Denmark, Finland and Sweden, cancelling 13 of the 27 weekly flights into Moscow from NATO countries.

Pilots of Air France, which operates six flights a week, were to join Tuesday, and the West German Lufthansa, which operates the remaining seven, said these would

be halted Thursday.

But the government of neutral Switzerland delayed deciding whether Swissair pilots could suspend their four weekly flights to the Soviet capital, and Finland's state railway began adding extra passenger cars to its two daily trains to the Soviet Union.

But four members of the alliance — France, Greece, Spain and Turkey — refused to take part. And the Danish Pilots' Association proposed that the pilots' boycott be reduced to two weeks also. It said a two-month boycott "primarily will hurt Western airlines, and it could jeopardize Soviet route allocations."

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## Attention Sophomores

## Informational Meeting

## Arts and Letters

### Semester

# LONDON PROGRAM

## Thursday, Sept. 15, 1983

## 7:30 pm Library Aud.

... Senate

continued from page 1

Board of Trustees before the year ends and a definite policy will be made.

Representatives of the Nestle Corporation will visit the campus on Sept. 22 to discuss their "new position" on the distribution of infant formula in Third World countries. Callaghan said that the company does not wish to hold large meetings or talk to faculty members, but prefers small, informal discussions with students.

Depending on Nestle's position, Callaghan said, the Notre Dame community could revote on the Nestle boycott. Students and faculty voted to boycott all Nestle products by a 2-1 margin two years ago because of the company's marketing policies of infant formula in Third World countries.

"I would hate to drop the boycott if Nestle's stand has not changed. But if it has, I would hate to continue it," Callaghan said.

A representative of MCI will be on campus two days next week and will

offer free three-minute phone calls from a booth in the LaFortune Student Center. MCI mainly interests off-campus students, Callaghan said, because they are the only students who may have push-button phones.

The University, however, will be installing push button phones in dormitories over Christmas. Student Government will resuggest MCI options before Christmas break, so that interested students can order the phone service for next semester.

Because of student complaints "urging the faculty to get more personally involved with students," Callaghan said, a letter will be sent to all faculty members. Some students voiced the opinion that, although some faculty do make an effort, most professors only know one or two students well, usually ones who are having difficulty in the class. Students suggested spending more time with professors outside of class, participating in activities such as weekly lunches with different students each week, parties and barbecues.

The letter should be mailed to

faculty by the end of the week. Callaghan stated that the prompting can only help, even though some faculty respond that they are teachers and not entertainers.

Student Senator Rob Bertino said that a change machine is now located in the lobby of South Dining Hall. Although Bertino had asked for a machine in Badin Hall's laundry room, the University did not want such a large amount of money to be left unattended. A coin-operated detergent machine, however, will be installed by the end of the week.

Bertino discovered that St. Michael's Laundry Service is available to women on a cash and carry basis. If interest in this offer substantially increases, the laundry service will offer a pick-up service as well as accounts and laundry bags for women. Bertino will meet with the presidents of the women's dorms to discuss participation.

The rectresses of the women's dorms are considering opening the laundry rooms in their dorms to usage by men one day a week.

Priest delivers sermon on physical fitness

Associated Press

MANKATO, Minn. — When the Rev. Walter Flesner donned a jogging suit and ran down the aisle of his church to deliver a sermon on physical fitness, he had in mind his father's death of a heart attack at the age of 59.

He also had in mind the Mankato Heart-Health Program, a nine-year, federally funded program in this southern Minnesota city that is testing a community approach to health education designed to reduce the risks of heart attack and stroke.

Flesner's jog in his Hilltop United Methodist Church earlier this year was one of the more colorful examples of community involvement since the project began in 1981.

"There were a few people who were not sure it was the place to do it," he said of the reaction from his startled congregation. "But when they realized what the theme was, they accepted it."

"My father ate a lot of dairy products, like ice cream, that were high in cholesterol," Flesner said in an interview last week. Because his father died at a relatively young age, the 44-year-old Flesner said "there is a fear" that the same thing could happen to him.

High blood cholesterol and high blood pressure — conditions relating to eating habits — and cigarette smoking have been identified as three risk factors that contribute most to heart disease, the project's directors note.

Nearly a fourth of the city's 60 restaurants are taking part in the program by offering special meals approved by the program's dietitians.

Nearly all of the city's supermarkets and large groceries are taking part, offering the program's brochures with tips on healthy eating. The program's logo adorns shelves containing low-fat or low-salt foods. But getting customers to buy those foods will take time, said Jim Davis, manager of Madsen's supermarket and also a member of the program's board of directors.

Davis took advantage of the program's physical fitness tests and learned his own cholesterol level was "a step above average and that really surprised me."

Businesses have taken part in a competition to encourage employee fitness, and the program's officials held a quit-smoking contest with the winner getting a vacation for four to Disney World.

The effectiveness of the program in reducing the risk and rates of heart attack will be measured after four years, said Rick Swanson, executive director of the program. But he added that "the final proof will come at year nine."

Mankato, a city of 31,368, and neighboring North Mankato, population 8,071, are the first cities chosen for the heart project, funded by the National Heart, Lung and Blood Institute and administered through the University of Minnesota School of Public Health.

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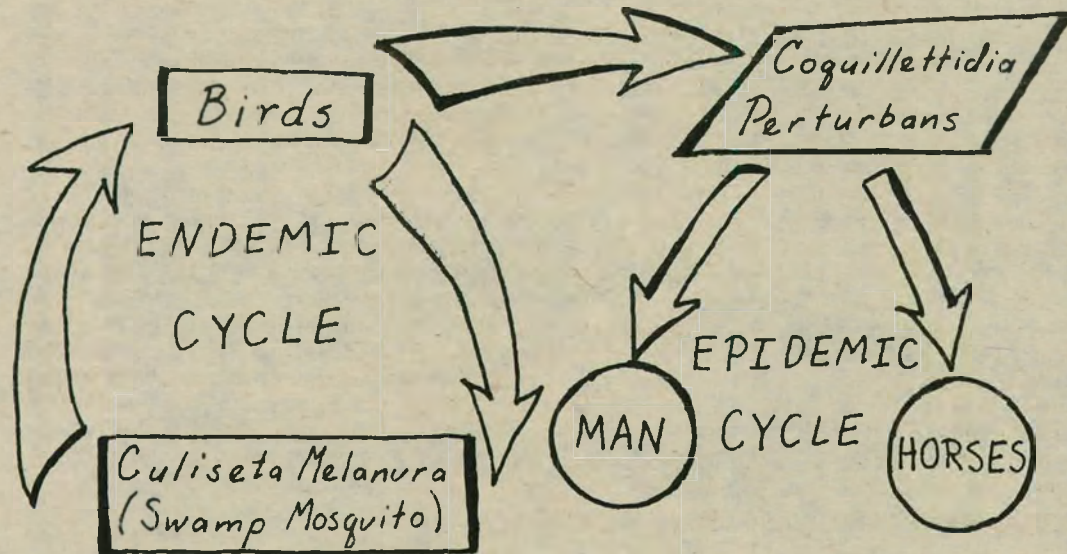
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## Encephalitis outbreak could become serious health hazard

EEE Virus Cycle in U.S.



The Eastern Equine Encephalitis virus is maintained in an endemic cycle between birds and *Culiseta Melanura* in the swamps. *Coquillettidia Perturbans* can pick up the virus from birds and

pass it on to men or horses. This transmission marks the end of the cycle, which usually results in coma or death for the victim.

By AMY STEPHAN  
Science Writer

We are "right in the middle of an encephalitis epidemic," according to Dr. George Craig, director of the Notre Dame vector biology laboratory.

Ten cases of Eastern Equine Encephalitis (EEE) have been reported in horses in St. Joseph and Elkhart Counties during the past week.

This is the first time since 1975 that EEE — a disease that usually affects horses, but can affect humans — has occurred in St. Joseph county, said Craig. A widespread epidemic of EEE took place in Michigan and parts of northern Indiana in 1980.

Craig said there is no known cure for EEE and his department is "not doing much but keeping score."

"There is very little we can do to stop it," said Craig, adding that he is "not prepared to recommend a spraying program at this time," because there are not enough cases. If the number of cases increases, however, he will consider recommending such a program. For now, Craig said he is "praying for snow."

The mortality rate for EEE is 60-80 percent. Although a vaccine is available for horses, the vaccine itself has a one percent mortality rate and is therefore too dangerous to be used on humans. Craig emphasizes, however, that the disease is rare in humans.

EEE is an explosive disease which usually occurs in outbreaks or epidemics, said Craig. It is difficult to predict where or when outbreaks will occur.

Researchers are not sure what the vector (the insect which transmits the virus from one organism to another) is for EEE. Craig said that *coquillettidis perturbans*, a type of mosquito which breeds in lakes or swamps where there are emergent reeds, is the current suspect.

This species is "difficult to study, because it cannot be raised in the lab," said Craig. *Coquillettidis* larvae attach themselves underwater to

hollow reeds and breathe through these reeds like air tubes.

"If we are right, it's a tough species to get rid of," said Craig. "The only way to destroy the larvae is to get rid of the cattails and other water reeds or drain the lakes and swamps where they live."

The EEE virus is maintained in a cycle between birds and insects that inhabit a swamp or lake. These mosquitoes, *culiseta melanura*, spend their entire lives in the swamp and do not infect humans or horses. The virus can be picked up by a coquillettidia, if she bites a disease-carrying bird. Infected coquillettidia can then pass the disease on to men and horses.

Craig, the George and Winnifred Clark professor of biology, said that every species of mosquito is down this year except for the coquillettidia. "This is not surprising," he said, "because they are not dependent on rainfall to breed."

The symptoms of EEE in horses include: a stiff neck, loss of orientation and coordination, skygazing, and pawing the ground. A horse can die of EEE in as little as 48 hours.

Humans afflicted with EEE can experience a stiff neck, disorientation, fever, and pain all over, often leading to coma and death, said Craig.

"Pharmaceutical companies are making no particular effort to research this disease because there's no money in it," said Craig. Because several years can pass with no outbreaks of EEE in a particular area, Craig said it is difficult to obtain funds to research this disease. "How do you convince people of the economic value of a disease that didn't happen?" he asked.

The Notre Dame vector biology laboratory is currently researching a different type of encephalitis, La Crosse. Craig said the laboratory does not plan to research EEE in the near future because "we have enough to do with La Crosse. We can only solve one problem at a time."

## Parasite research seeks protection

By KATHLEEN DOYLE  
Science Writer

Now that microbial infectious diseases caused by bacteria and viruses are under control to a greater degree than in previous years, the importance of parasitic infections has increased.

The development of antibiotics and immunizations has enabled scientists to turn their attention away from the microbial diseases such as polio, cholera, and measles. Instead, protozoa and worm parasites have come to the forefront as the most important agents infecting humans and causing disease and death.

The three diseases of most concern to researchers today are parasitic diseases which are protozoan or helminth (worm) infections. On a global basis, malaria, schistosomiasis, and filariasis rank as the most important diseases, even taking into account the infectious diseases.

Both schistosomiasis and filariasis are caused by parasites called helminths, the latter being a filaria. In the Department of Biology, under the direction of Paul Weinstein, research is being conducted with filarial parasites. Researchers are attempting to devise procedures and different types of media and physical-chemical conditions that are appropriate for the development of a parasite during its life cycle. However, the parasite which occurs in humans is not being used; instead researchers are experimenting with a model system.

The model is a filarial parasite common in gerbils. Ticks transmit the parasite in gerbils, whereas mosquitoes and biting flies carry the disease in humans. Weinstein and his colleagues are trying to culture the filaria *in vitro* (in culture), just as scientists have done with microbial organism. In this way, they hope to learn more about the filaria's life cycle.

"We hope that the model system will be translatable to the human system," Weinstein said. "We have reason to expect that this will occur based on our work done previously with other filarial parasites."

Previous Notre Dame researchers

studied dog heartworm, a disease transmitted by mosquitoes and in which the parasite lives in the heart of a dog. Using it as a model system, they found that it was possible to take the information and apply it to the human filaria.

Work done by Eileen Franke for her doctoral dissertation involved growing *in vitro* a filarial parasite to the young adult stage in chemically defined media. Franke is the first to accomplish this and her work was recently reported in *Science*.

Much is already known about the filarial parasite. In one type of filaria, the adults reproduce in the lymph glands of humans and from there the larvae move into the bloodstream. The larvae stay there for many months without further development, waiting for a mosquito to take a blood meal.

The number of filaria increases to a maximum level at about midnight (the mosquito is a night-biter) and decreases between morning and noon. The filaria is at this point within the mosquito's stomach wall in order to make its way to the flight muscles. There it penetrates the cells and becomes an intracellular parasite. "We have had tremendous problems attempting to reproduce this environment," Weinstein said.

The filaria then goes through molts and becomes a third stage infective larvae. It breaks out of the muscles and migrates to the biting

mouth part of the mosquito. When the mosquito sucks blood, its mouthpart containing larvae is inserted through the skin of humans.

The worms are activated by the warmth and carbon dioxide concentration. The worms then move to the skin surface. From there the larvae rapidly migrate down the hole made in the skin when the mosquito withdraws its mouthpart. Then the long series of migration and development begins again within the human.

The consequence is that the worms release substances to which the human becomes sensitive, resulting in an intense inflammatory response. If the condition occurs in a limb, the limb may become swollen and distorted and this may hinder the flow of lymph. This eventually leads to elephantiasis, a disease common in the tropics.

Another kind of filaria results in blindness. This type of filaria lives under the skin of humans. An inflammatory reaction to the worm products produces nodules about the size of hens' eggs. If these nodules occur on the head or scalp, the larvae may migrate into the eye chamber, with the inflammatory reaction causing blindness. Filarial blindness is common in parts of Central America and West Africa, affecting millions of people in those regions.

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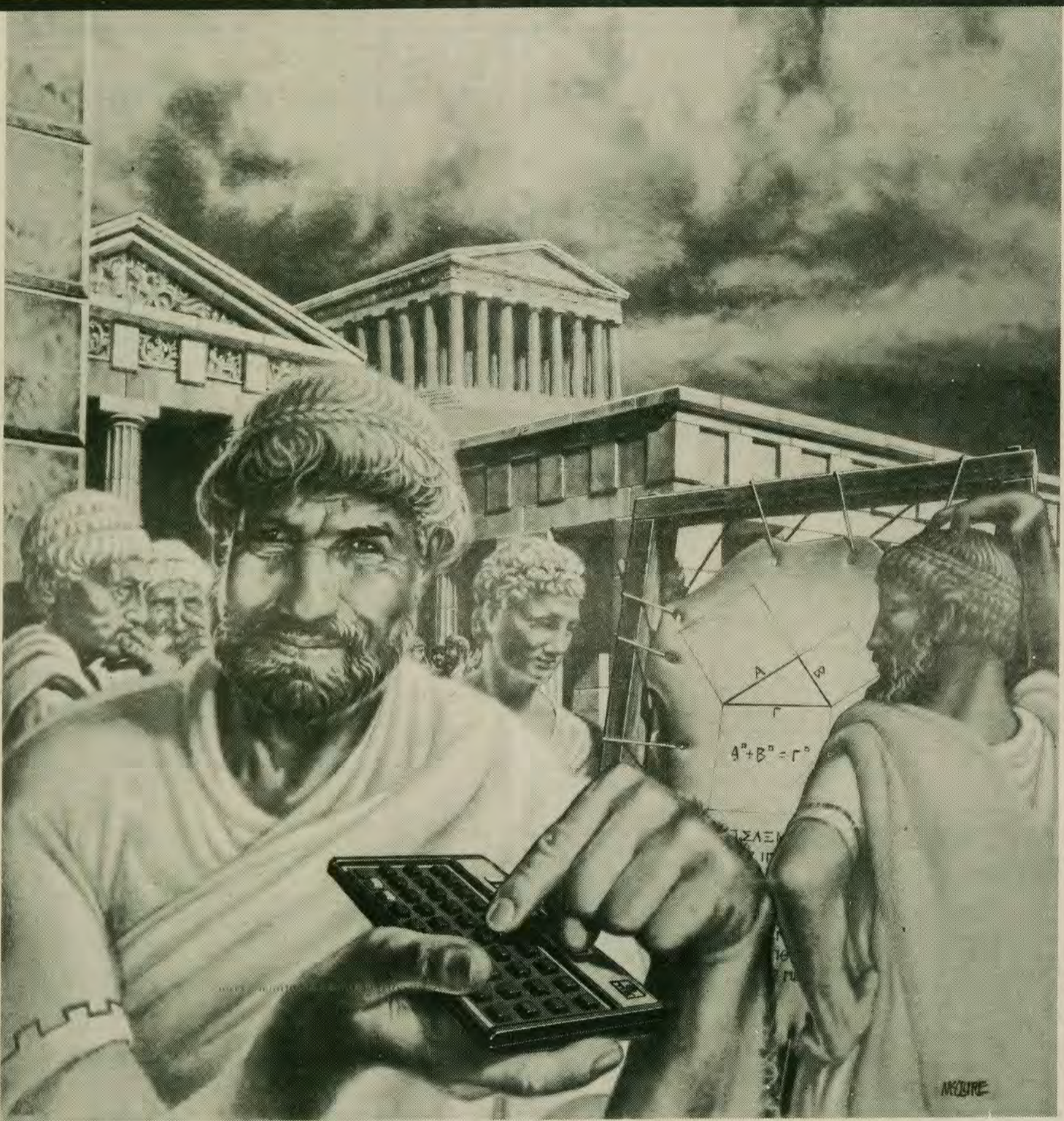
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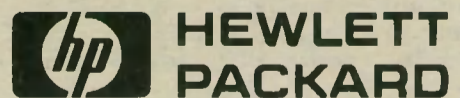
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## Ground Zero: nuclear ombudsman?

Last semester, the Notre Dame and Saint Mary's communities conducted separate referenda in which the students of the two schools voted on a "unilateral nuclear freeze" resolution which would have added the Notre Dame and Saint Mary's institutions to the growing list of individuals and organizations which have decided to back such a freeze. Although I was in London at the time and very unaware of events back on campus, I was very

### Robert Lloyd Snyder

Then midweek

interested in, and somewhat surprised by, the results of the vote on this issue; moreover, I found the voting patterns which emerged from the data concerning the voting results in the individual halls somewhat confusing. In last year's referendum on the "freeze," it seems as if the men who participated in the vote overwhelmingly rejected the measure; at the same time, the majority of Notre Dame's women passed the resolution, and an even-greater proportion of Saint Mary's women supported the matter.

There have been many explanations for "male/female" dichotomy which was evident from the voting results; some have perhaps too simplistically conjectured that the men who took part voted according to traditional "masculine" (i.e., aggressive, macho) instincts, while the women voted according to traditional "feminine" (i.e., passive, submissive) instincts. I do not care to speculate upon the reasons for the disparity between the male and female vote on this issue, but I think that

the main cause of this phenomenon is an appalling lack of informed awareness on the part of Notre Dame and Saint Mary's students on the subject of nuclear weapons.

This semester, however, there will be a new organization on the two campuses whose sole concern is to act as an information source to Notre Dame and Saint Mary's concerning the realities of the nuclear dilemma. The name of the group is Ground Zero, and it is a non-affiliated, non-advisory nation-wide organization which seeks to raise the public consciousness on the facts and figures of all facets of nuclear war and weaponry.

When I first became aware of the existence of this organization on this campus, I really did not know what to expect of this group. My past encounters with individuals associated with "peace groups" were usually bad reminders of the Sixties, a decade of which I have little recollection, and a period in our history which I feel bears little relation to the Eighties. Furthermore, I had felt that there was an implicit contradiction between the organization's official "non-advisory" line and the very purpose for which the organization was formed; to raise public awareness on the imperative necessity to control nuclear weapons throughout the world.

Last week, I met with Mike Brennan, a Notre Dame senior who is also the co-founder of the Notre Dame-Saint Mary's chapter of Ground Zero. Brennan was altogether different from what I had expected; articulate and non-rhetorical, he explained that the organization's main purpose was to present the facts concerning the nuclear problem to a Notre Dame and Saint Mary's community that is at best, uninformed, and at worst, apathetic. Af-

ter briefly discussing the origins of the national organization, Brennan stressed that Ground Zero was a joint N.D.-S.M.C. organization, and that the founders of the campus chapter were mainly Notre Dame and Saint Mary's students who had been involved in overseas studies or in internships in Washington D.C. Brennan was also aware that many people already thought that Ground Zero would be an offshoot of, or in some way linked to the "nuclear freeze" movement. He replied to these criticisms by responding that, while he could not account for the individual opinions of members of Ground Zero, Ground Zero will not take any type of policy stance on nuclear weapons, but will devote its efforts to acting as a "nuclear ombudsman" for its region. He hoped that by raising the awareness of in-

dividuals on the realities of nuclear arms, people would be able to form more intelligent opinions on the subject, and would hopefully see the imperative nature of this issue. I left the meeting with Brennan more confident in the non-advocacy nature of Ground Zero and more convinced that there is a legitimate need for such an organization in the Notre Dame and Saint Mary's communities.

Ground Zero will have its first meeting tonight, Tuesday the 13th, in the Center for Social Concerns. I would urge all interested members of the Notre Dame and Saint Mary's communities to attend the meeting. Ground Zero is certainly an organization which is overdue, and the reasons for its founding are among the most compelling that we can imagine in the Nuclear Eighties.



... AND ASK YOUR CONGRESSMAN IF WE'RE IN COMBAT YET — IF I GET KILLED, I'D LIKE TO KNOW MY STATUS!

## P. O. Box Q

### Tax credits

Dear Editor,

In the course of his tirade against tuition tax credits and plea for "threatened" public schools (Sept. 2), Randy Fahs says: "By taking public money and giving it back to parents of private school children, the Federal Government has put a drain on the reservoir of funds which could have been used to promote and upgrade public education."

What is this "public money" Mr. Fahs is talking about? Is the money he earns on a summer or other job "public money"? Obviously not. Except for legitimate tax and other deductions that money is his own. That portion of his income withheld or owed the IRS in taxes is public money. But only that and nothing more.

I don't know, Mr. Fahs, if you are married or not, but for the sake of the argument, let us assume you are, and that you have three dependents, including yourself. By the very fact that you have three dependents you will pay less tax than you would if you were single and had the same income.

If, because of your dependents, you paid \$500 less in taxes, would you say that whatever you spent that \$500 on was something the government bought for you? Or would you say, more precisely, that expenditure was your personal purchase?

Mr. Fahs is making the unwarranted assumption that all income belongs to the government, which then permits the citizens to keep a portion of it.

The whole point of tuition tax credits is that they cannot be considered either a government subsidy or an expenditure of public funds, because the money spent on tuition

never belonged to the Federal Government in the first place.

Second, Mr. Fahs quotes several unnamed educators and concerned citizens to the effect that "...tuition tax credits at the high school level only give a freedom of choice to the wealthy. In effect, they actually serve to subsidize the education of more affluent people at the expense of the taxpayer."

Since you write so sympathetically of these "concerned citizens," Mr. Fahs, I presume you agree with their allegation. A look at the facts concerning the affluence of private school parents might be instructive.

I have, I believe, already shown that no federal subsidy exists for private school parents. But let us examine just how wealthy these "affluent" private school parents actually are.

Well, 62 percent of these families make under \$25,000 a year; nearly 46 percent earn less than \$20,000; 27 percent are under \$15,000; and 11 percent earn less than \$10,000.

Ah, you say, what about the 38 percent of private school families with incomes over \$25,000? Only 10 percent of all private school families have incomes over \$50,000, and the tuition tax credit plan proposed by the Reagan Administration provides that the full credit would go only to families with adjusted gross incomes under \$40,000, with no benefits at all to those above the \$50,000 level. Actually, the difference between incomes of private school parents vs. public school parents is very slight and is more than made up for by the tuition which private parents presently must pay.

You would do better, Mr. Fahs, to examine why so many people have so long accepted the burden to paying twice for education — once in taxes for the public schools they don't

use and again for the private school tuition.

In my opinion, they have done so because they perceived the public schools to be failing them. I am not opposed to public schools, per se, having attended them for all my own elementary and secondary years. All I ask (besides justice) of the public schools is that they get back on the track. And one way of getting back on the track is to correct the inequity that has existed for so long.

Charles W. McCollester

### Notre Dame- behind times?

Dear Editor:

In her editorial of September 6, Margaret Fosmoe addresses the view, frequently voiced, that Notre Dame is "ten years behind the times." In reviewing the issues that students of 1973 considered important, she renders us a valuable service.

Nevertheless, I'm afraid that I cannot fathom the line of reasoning that takes her from her examples to her conclusion that "Notre Dame is not ten years behind the times." Presumably, the standard of comparison to be used in such an assessment is not Notre Dame of 1973, but other American universities of 1983.

When Ms. Fosmoe says that "Notre Dame has made progress," she rightly recognizes that the phrase "behind the times" is used here as an *evaluative* judgement: the implication is not that Notre Dame fails to follow fads

in higher education, but rather that it has failed to make *improvements* in its policies — whether administrative, residential or pedagogic — that other universities by and large have made.

The policies that Ms. Fosmoe mentions — rules governing parietyals and alcohol possession — are indeed representative of a source of legitimate concern: that, whereas the nation regards students eighteen and above as citizens responsible for and competent to handle their own affairs, the University seems to regard them as children in need of its discipline and coercion. While most modern universities institute only such restrictions on student life as are necessary to ensure a civil and sociable dormitory community, Notre Dame also institutes rules restricting (for example) the conditions under which interaction between male and female students may take place (in the parietal rules and in the unavailability of coeducational housing.)

While I do not consider it "behind the times" in the negative sense for a college to wish its students spared the harmful effects of unwise sexual experiences, I do consider it misguided to ignore the great importance that being trusted to conduct one's own affairs plays in the process of maturation. I also think it "behind the times" in the negative sense to believe that the University has the right and responsibility to regulate the interactions of male and female students through coercion.

Apparently, however, the students of Notre Dame have been absorbed in the myth or their own impotence and lack of self-determination. Otherwise, those who grumble about policies would instead be actively seeking dialogue with the administration that could lead toward those policies' revision or repeal.

Steven Horst

## The Observer

Box Q, Notre Dame, IN 46556

(219) 239-5303

The Observer is the independent newspaper published by the students of the University of Notre Dame du Lac and Saint Mary's College. It does not necessarily reflect the policies of the administration of either institution. The news is reported as accurately and as objectively as possible. Unsigned editorials represent the opinion of a majority of the Editorial Board. Commentaries, letters, and the Inside Column present the views of their authors. Column space is available to all members of the community, and the free expression of varying opinions on campus, through letters, is encouraged.

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Fouts strikes again

# Late Charger rally downs Chiefs

KANSAS CITY, Mo. (AP) — Dan Fouts, unleashing his throwing arm after San Diego was shocked by a 48-yard Kansas City touchdown pass play, drove the Chargers 80 yards in five plays last night, passing 12 yards to Wes Chandler for the game-winning touchdown with 1:45 to play to beat the Chiefs 17-14 in a National Football League game.

In a game almost devoid of electrifying plays, the Chiefs stunned San Diego when quarterback Bill Kenney's lateral to Carlos

Carson was thrown to fellow wide receiver Henry Marshall with 3:07 to play to put the Chiefs on top 14-10.

Then Fouts, the record-smashing passer who had uncharacteristically kept the ball on the ground most of the game, went to work.

Starting from his own 20-yard line, he passed 13 yards to Chandler, then flipped short flat passes to James Brooks and Chuck Muncie that were converted into gains of 36 and 15 yards, respectively. On first-

and-10 at the 12, he rifled the game-winning touchdown pass to a wide-open Chandler on the left side of the end zone.

Any hope the Chiefs had of regaining the lead died with 59 seconds left when, on fourth-and-1 at their own 29, Jewell Thomas was stopped cold by linebacker Mike Green.

Before San Diego's winning score, Kansas City had pushed just over midfield, staying almost exclusively on the ground. Then, on first-and-10, Kenney tossed the ball to Carson, who never hesitated. He fired the ball downfield to Marshall, who had gotten behind stumbling cornerback Danny Walters.

The Chargers, disdaining the pass in one long drive after another, took a 10-7 lead in the third period when Muncie capped a 96-yard, 15-play drive by sweeping 10 yards for his third touchdown this season.

## ... Positive

continued from page 12

know what to expect from her," explains Bishop.

Bishop attributes Saturday's loss to a lack of finesse in Notre Dame's stick work and she plans to work on this area. She feels that experience and time will help the Irish improve during the course of the season.

Bishop feels that playing in the morning was an advantage, due to Saturday's unseasonal heat in West Lafayette. According to Bishop, the extreme heat affected the team, but it was not a factor in the team's loss since it affected both teams equally.

At the end of the match, DiGiacomo was submerged in water due to overheating.

"I got the chills at the end of the game," DiGiacomo said later. "The heat wasn't so bad until the last few minutes."

Bishop doesn't expect to make any major changes in the starting line-up soon, but stressed that it is still very flexible. Bishop is impressed with the depth and talent of this squad and hopes their enthusiasm continues through the

season.

Bishop is confident of a victory over Adrian College and believes that the Irish will win "if they play like they did on Saturday." The match against Adrian will begin on Friday at 4 p.m. on Alumni field.

### Lunch at the Center for Social Concerns

Wed., Sept. 14, 11:30-1:30

Lunch will be cooked by and served by Cambodian Refugees—a typical Cambodian meal consisting of the following menu:

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# Baseball standings

NATIONAL LEAGUE					AMERICAN LEAGUE				
East					East				
W	L	Pct.	GB	W	L	Pct.	GB		
Philadelphia	74	68	.521	—	Baltimore	85	55	.607	—
Montreal	73	68	.518	.5	Detroit	82	62	.569	.5
Pittsburgh	73	70	.510	1.5	New York	80	63	.559	6.5
St. Louis	72	70	.507	2	Milwaukee	79	65	.549	8
Chicago	64	79	.448	10.5	Toronto	69	74	.483	17.5
New York	59	84	.413	15.5	Boston	64	80	.444	23
					Cleveland				
West					West				
Los Angeles	83	60	.580	—	Chicago	84	59	.587	—
Atlanta	80	63	.559	3	Kansas City	67	75	.472	16.5
Houston	75	67	.528	7.5	Texas	67	77	.465	17.5
San Diego	71	73	.493	12.5	Oakland	67	78	.462	18
San Francisco	68	76	.472	15.5	California	64	79	.448	20
Cincinnati	65	79	.451	18.5	Minnesota	61	83	.424	23.5
					Seattle	55	87	.387	28.5

Yesterday's Results  
Chicago 8, Montreal 0  
Philadelphia 2, New York 1

Yesterday's Results  
New York 1, Milwaukee 0  
Detroit 5, Cleveland 1  
Baltimore at Boston p.p.

Pittsburgh 7, St. Louis 5

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## FRESHMAN NIGHT AT THE SNITE

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Meet the museum staff  
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## AL - ANON

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**WHO:** for Notre Dame/St. Mary's College students.

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continued from page 12

in 14-11 before a service error halted the charge.

"What the spectator sees when he sees the erratic play," said Vanslager, "is how the players start out with good concentration, but the level of concentration is not the same throughout the match.

"They have to have the same level of concentration on every point, in every game, whether they're winning or losing."

Despite the erratic play, though, the team's performance is getting better. At times, the offense was running efficiently and the defense was digging well.

"Our transition from offense to defense was better tonight," said Vanslager. "The front row players were pulling back from the net like they should."

The play of Henken, Mollie Merchant, and McKeown was another bright spot as Henken did well in her

first start, and Merchant and McKeown performed well late in the match when the pressure was on.

**IRISH ITEMS** — The Irish will try to make it two in a row when they take on Butler and Dayton tomorrow in Indianapolis to open North Star Conference play. . . . The next home match will be on Saturday at 10:30 when Southwestern Michigan visits the ACC Pit.

## Tennis pairings

All matches must be played and reported to the NVA office by Wednesday, September 21.

### Men's Open Tennis

Cogan (8057) v. Logan (1877)  
Runger (1432) v. M. McCabe  
Pujals (8653) v. Ralph (1903)  
Eulon (8394) v. Boulet (8433)  
Arellano (1461) v. Miller (1107)  
Cooke (3316) v. Collins (8919)  
Calloway (1527) v. Muyres (1775)  
Powers (1600) v. Welsey (6981)  
Bery (1177) v. Marchanz (1652)  
Poirier (1471) v. Cierzniak (1689)  
Immonen (3091) v. Goldner (6937)  
Mischke (4521) v. Curis (7743)  
Gee (1022) v. Chou (3258)  
O'Brien (1692) v. Antonini (1633)  
Weimholt (8921) v. Soergel (1575)  
Simone (3122) v. Griffin (1178)  
James (1530) v. Deeter (1983)  
Walker (1723) v. Donahue (1424)  
Reidy (9070) v. Harman (1082)  
Duncan (1103) v. Kelleher (8943)  
Wall (1195) v. Reyes (1372)  
Isiwaka (8944) v. Foley (1725)  
Hayes (1195) v. Knipe (8917)  
Richardson (277-1405) v. Weigel (3171)  
Sharp (3344) v. Hanna (3106)  
Fench (1073) v. Tuel (1478)  
Shafer (1219) v. Grunewald (6802)  
Delrances (1139) v. Goulet (7563)  
Grojean (1248) v. Hardiman (1223)

Players whose names do not appear have received a bye.

Other tourney pairings will appear over the next days.



## SOCIAL CONCERNS FILM SERIES

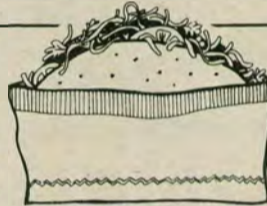
# ATOMIC CAFE

Sept. 13-14 7 and 9:00  
Engineering Auditorium, FREE

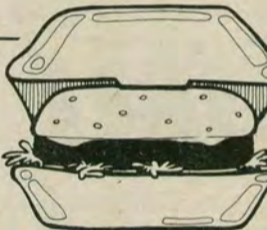
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3 oz. (serving)  
Protein 12g  
Fat 10g



4 oz. (serving)  
Protein 15.1g  
Fat 14g



5 oz. (2 Slices)  
Protein 20g  
Fat 5.8g



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Coke available 16 oz. bottles

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## Australians challenge U.S. for Cup

NEWPORT, R.I. (AP) — Is Australia II the breakthrough boat that will seize the America's Cup that has been U.S. property since before the Civil War?

Does the more traditional Liberty have enough all-around strengths to stave off one of the strongest challenges to America's 132-year dominance?

After a summer filled with competition and controversy, the first few moments of today's opening race of the best-of-seven final series may answer those questions.

"It would be interesting for the first 10 minutes" to see which boat has the edge, says Liberty skipper Dennis Conner.

"Give us 20 to 30 minutes with average wind and you'll know pretty quickly if someone is getting blown out of the water," says Warren Jones, executive director of the Australia II syndicate.

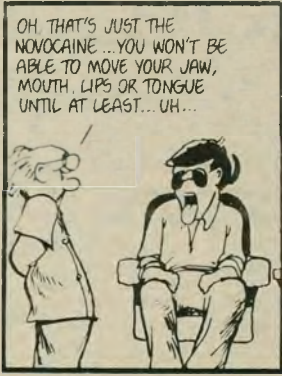
Since trials to determine the two finalists began June 18, Liberty raced 50 times, compiling a 34-16 record, and Australia II, in 54 races, amassed a 48-6 mark.

But they've never measured their relative strengths in the same race, making the beginning of today's battle especially revealing.

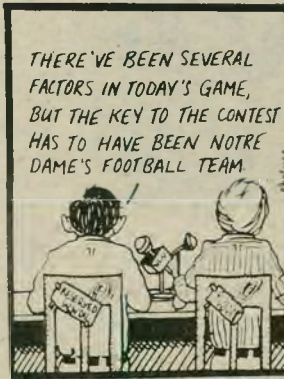
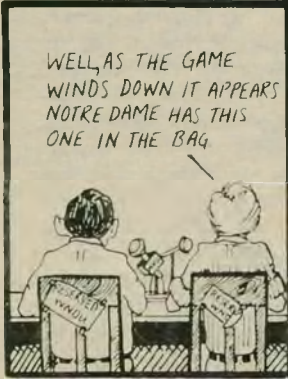
Australia II, an exceptionally maneuverable boat skippered by John Bertrand, won most of its starts during the foreign trials and excelled on the first, fourth and sixth legs, which go upwind. Its crew was happy to stay even going downwind on the second, third and fifth legs of the six legs of the races over a triangular 24.3-mile course on Rhode Island Sound.

Moderate northeast winds of about 15 knots and scattered showers were predicted for Rhode Island Sound today. The winds were expected to pick up Wednesday.

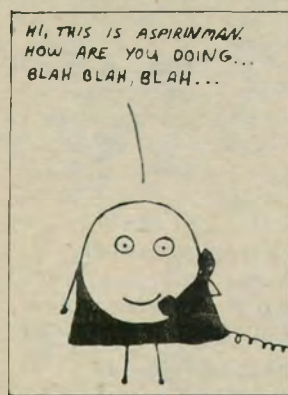
## Bloom County



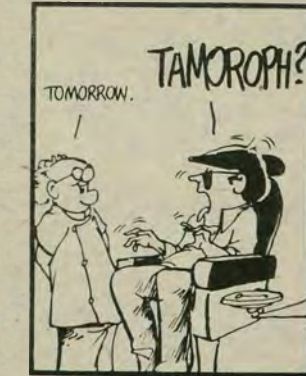
## Fate



## Aspirin Man



## Berke Breathed



## Photius



## David J. Adams



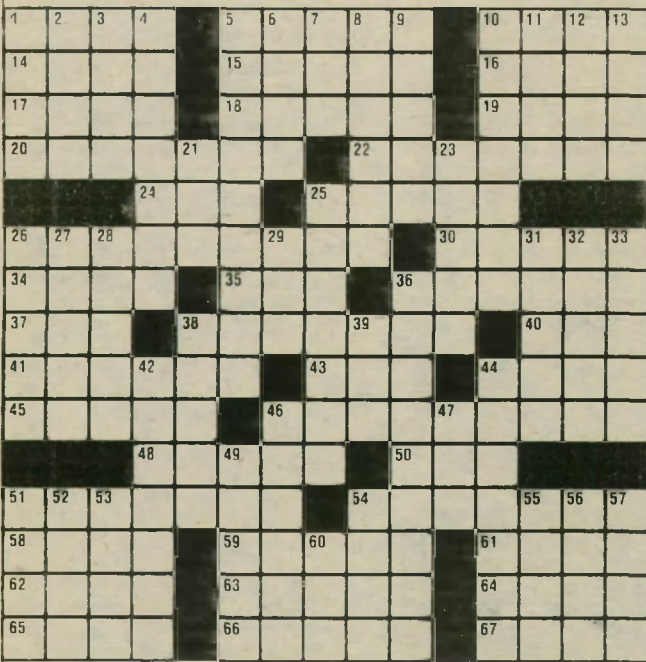
## Campus

- 12:10 p.m. — Art Noontalk, "Francois Boucher's Offering of a Rose," Dr. Dean A. Porter, Annenberg Auditorium
- 3 p.m. — Computer Minicourse, Essential JCL, 115 Computing Center
- 4 p.m. — Soccer, ND Men vs. Valparaiso University, Alumni Field
- 7 p.m. — Hawaii Club Organizational Meeting, LaFortune
- 7 and 9 p.m. — Social Concerns Film, "Atomic Cafe," Engineering Auditorium, Free
- 7 p.m. — Relationship and Sexuality Series, "Sexuality: A Doctor's Perspective," Gail English, Carroll Hall, SMC
- 7 p.m. — Fellowship of Christian Athletes Meeting, Howard Hall Social Space
- 9 p.m. — Pep Rally Committee organizational meeting, LaFortune Little Theatre

## TV Tonight

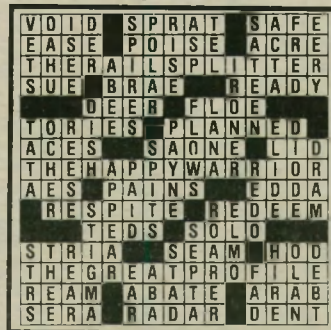
- 6:00 p.m. 16 NewsCenter 16
- 22 22 Eyewitness News
- 28 Newswatch 28
- 34 MacNeil/Lehrer Report
- 6:30 p.m. 16 M-A-S-H
- 16 Family Feud
- 28 Wheel of Fortune
- 34 Straight Talk
- 7:00 p.m. 16 A Team
- 22 Special Movie Presentation: "The Bunker"
- 28 Happy Days
- 34 NOVA
- 7:30 p.m. 28 Joanie Loves Chachi
- 8:00 p.m. 16 NBC Movie: "Beulah Land" Part III
- 28 Three's Company
- 34 Lifeline
- 8:30 p.m. 28 9 to 5
- 9:00 p.m. 28 Hart to Hart
- 34 Numero Uno
- 9:30 p.m. 34 Matters of Life and Death
- 10 p.m. 16 NewsCenter 16
- 22 22 Eyewitness News
- 28 Newswatch 28
- 10:30 p.m. 16 Tonight Show
- 22 CBS Late Movie
- 28 Thicke of the Night
- 11:30 p.m. 16 Late Night with David Letterman

## The Daily Crossword



- ACROSS
- 1 Feeler
- 5 Hinder by crowding
- 10 — impasse
- 14 Silkworm
- 15 Of a time period
- 16 Appie type
- 17 Maple genus
- 18 Bonn's river
- 19 Streetcar
- 20 Sleep
- 22 Hunting cry
- 24 Tax agcy.
- 25 Composer Erik
- 26 Deducts
- 30 Patty Duke —
- 34 Corner
- 35 Ballad
- 36 In doubt
- 37 Important import
- 38 End of the month activity
- 40 Ring decision
- 41 Roi's home
- 43 Neither Rep. nor Dem.
- 44 British weapon
- 45 Bo-Peep's loss
- 46 Small planets
- 48 Attain
- 50 Fabled bird
- 51 Foot lever
- 54 Window adjuncts
- 58 Kiln
- 59 In agreement
- 61 Architect Saarinen
- 62 Dies —
- 63 Spiritual nourishment
- 64 Waste allowance
- 65 Praise
- 66 Dim with tears
- 67 Wheellike toy
- 13 Verne captain
- 21 Blunder
- 23 Chinese weight
- 25 Fashionable
- 26 Halts
- 27 — Heap
- 28 Pretty girl
- 29 Presidential nickname
- 31 Everyone, in music
- 32 Offended
- 33 Garish signs
- 36 Certain apparel
- 38 Man, e.g.
- 39 Bank abbr.
- 42 Made bubbly
- 44 Association
- 46 Chemical compound
- 47 Reagan, to friends
- 49 Meek as —
- 51 Drudgery
- 52 — avis
- 53 Birthright seller
- 54 Magnani of movies
- 55 Sleuth Wolfe
- 56 Novelist Zane
- 57 "And — bed"
- 60 Unit

### Monday's Solution



## Far Side



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9/13/83

9/13/83

Student Union

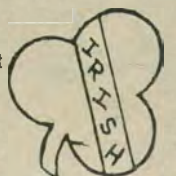
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in Ft. Lauderdale.  
\$10 bus from Ft. Lauderdale to game & back early Sun. morning  
A pep rally Friday, tailgater Sat & Mass at hotel Sunday

Call Greg Moore (305) 566-4732 for reservations or Student Union 239-7757 for details.

**Be There**





Mary Jo Hensler and Mary McLaughlin attempt to block the shot of a Georgia player in action last week at the ACC Pit. Although the

Irish women lost to Georgia in straight games, they had better luck last night against St. Francis. See Mike Sullivan's story at right.

## Irish take 'must-win' game for first victory

By MIKE SULLIVAN  
Sports Editor

Before this season started, it was doubtful that Sandy Vanslager and her Notre Dame volleyball team thought that their match against St. Francis — Ft. Wayne would be an important one. But a rash of injuries and careless mistakes put the Irish in a "must-win" situation against the Cougars.

They got the win — their first in eleven matches this year — by defeating St. Francis, 15-7, 7-15, 15-11, 15-11, last night in the ACC Pit.

"Getting a win under our belt was real important," said Vanslager. "The girls proved to themselves that they could put a combination together to win."

The victory was not as smooth as Vanslager would have wished as her team played very erratically, but, at times, it appeared that the players were about to break out of the slump that had seen them lose more games (10) in the first two weeks of the season than they had all last year (9).

Once again, the team's injury problem was very noticeable as starters Karen Bauters and Mary McLaughlin did not play, and another, Karen Sapp, played with a badly jammed thumb. Terese Henken started for the first time this year in McLaughlin's place.

However, it was many minor mistakes that caused the most problems against St. Francis. Service errors and net violations hurt the Irish just like they have all year, as did spikes that missed the court. Vanslager traces the problems to a lack of concentration.

"We're working on these things every day in practice," she said, "but

we are not executing them in the game."

The execution was especially bad early in the first game as Notre Dame was called for a line violation and made service errors in falling behind 6-4.

The team's performance improved when Josie Maternowski began her service, however, and the Irish won 11 of the last 12 points of the game.

The streak of good play did not last long. After taking a 6-4 lead in the second game, Notre Dame proceeded to commit numerous service errors and violations, allowing the Cougars to take the last eight points of the game for a 15-7 win.

St. Francis made it 13 points in a row as it jumped out to a quick 5-0 lead in the third game, but Maternowski once again provided a boost on her service, lifting the Irish to a 6-5 lead.

The lead went back and forth until St. Francis committed a costly service error, allowing the Irish a chance to take control of the game. With Kathy McKeown serving, Henken and Mary Jo Hensler scored with spikes, and Notre Dame ran off the last five points to take a 2-1 edge in games.

The Irish put the match away in the fourth game as they jumped out to a large 13-4 lead and hung on as the Cougars tried to stay alive.

Sapp, who had been having serving problems all night, took her team out to a 6-1 lead. Henken extended the lead, and it appeared that the Cougars had run out of gas.

They were not quite ready to roll over, however, as they moved with-

see SPIKERS, page 10

## Topple Boilers and Illini

### Irish netters win two over weekend

By JANE HEALEY  
Assistant Sports Editor

Astonishing victories were not exclusive to the football field this weekend. The Notre Dame women's tennis team upset a surprised Purdue 7-2 on Saturday and then went on to topple Illinois 5-4 on Sunday. The victories were their first ever against Big Ten opponents.

Seeking revenge for two previous losses to the Boilermakers (7-0 and 7-2 last season), an inspired Notre Dame squad handed the home team a 7-2 thrashing. For five hours in the sweltering heat, the Irish served, stroked, and sizzled their way to victory.

worse over the off season, or whether Notre Dame is just that much improved over the same period of time.

"I thought they were strong this year, but I think our team is stronger," commented the lone Irish senior, Pam Fischette. "It was our first match and I think everyone wanted to start the season with a victory — especially against Purdue."

The only two matches the Irish lost were at No. 3 singles (Mary Colligan) and No. 2 doubles (Suzie Panther and Laura Lee).

At No. 2 singles Lisa LaFratta squeaked by Deb Prochaska 7-6, 4-6, and 6-3, and Fischette had some early trouble with Barbie Barnes before finally winning 6-7, 6-1, and 6-2. But the other three singles players — No. 1 Suzie Panther, No. 5 Jo-Anne Biafore, and No. 6 Laura Lee — all earned their first victories of the season in a relatively easy fashion, while the doubles pairings of Fischette-Colligan and LaFratta-Greta Roemer won their eight game pro sets, 8-5, in each instance.

The momentum created in Saturday's victory carried over into Sunday's duel with Illinois.

"Having beat Purdue on Saturday really made the game for us against Illinois," Petro said. "If we hadn't beat Purdue, I don't think we would have defeated Illinois."

The Irish were also battling the memory of a close 5-4 loss to the Illini last season.

"Illinois is an improved team," Petro said. "Last year we played so bad, it wasn't indicative of our ability."

"Going into Sunday's match, I was confident about our talent, but I was concerned about how tired we were after Saturday."

Petro's concerns were not satisfied until the very last match of the day. After splitting the six singles matches and the first two doubles matches that were played, the team victory came down the last set of the No. 1 doubles match featuring Colligan-Fischette.

With all the other action completed, the crowd at the Courtney Tennis Courts focused their attention on the deciding game. Beyond the talent that the crowd witnessed, they also saw sheer motivation and positive attitude at its best. The Irish battled back from a 6-7 loss in the first set to finish the Illini off 6-2, 6-2.

"Finishing third in the nation (in the Division II National Champion-

ships) at the end of last season signalled to us that we can compete with the best," Fischette said. "I think it motivated the team members to work hard over the summer, and now it's paying off."

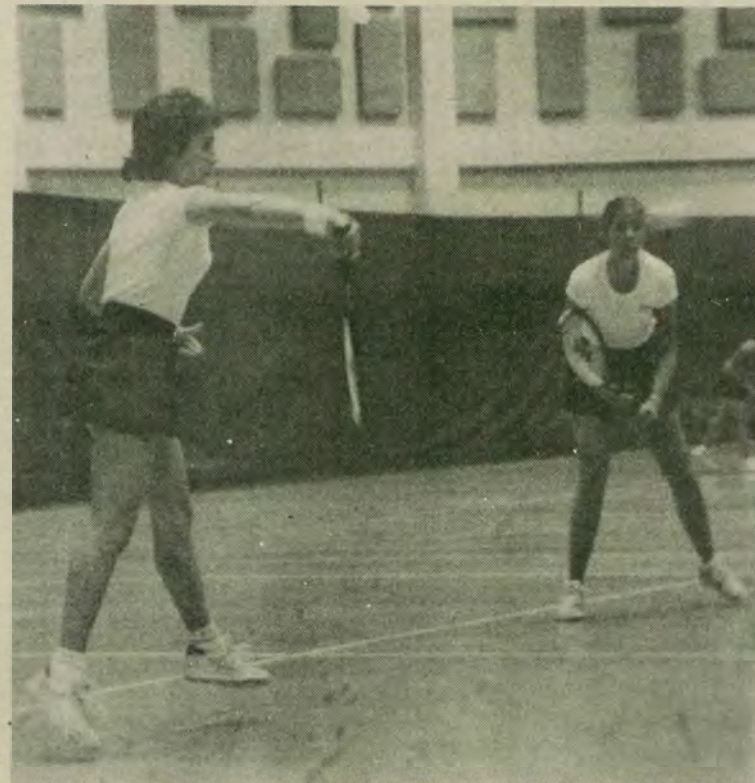
Petro noted the importance of a heightened team attitude, but as coaches are likely to do, she cautioned against overconfidence.

"We have a different attitude this year," she said. "We started from day one wanting that National Championship. They (the team) are really psyched. Now we have to maintain that attitude."

As players are apt to be, Fischette was more optimistic about the rest of the season.

"Our first two matches were our toughest opponents of the season," she said. "With two back to back victories, I think we can be on our way to a successful campaign this year."

Fischette's optimism will be tested once again next weekend when the Irish face Butler at 3:30 pm on Friday and Depauw at 9 a.m. on Saturday in two duels on the Courtney Courts.



The No. 1 doubles team of Pam Fischette and Mary Colligan played a vital role last weekend as the Notre Dame women's tennis team captured their first wins ever over Big Ten foes, beating both Purdue and Illinois. Jane Healey gives the details in her story at left.

**TODAY**  
soccer  
vs. Valparaiso  
4 p.m.  
Alumni Field

**TOMORROW**  
soccer  
vs. Bethel  
7:30 p.m.  
Cartier Field

**FRIDAY**  
soccer  
vs. Loyola  
7:30 p.m.  
Cartier Field

tennis  
vs. Butler  
3:30 p.m.  
Courtney Courts

field hockey  
vs. Adrian

"It was so exciting," Coach Sharon Petro said. "I wasn't really certain beforehand if we could beat them (Purdue) or not. I was a little concerned, and I hoped we could give it our best."

"We gave it our best, and just bowled them over. They were surprised — really surprised."

A look at the final score raises the question whether Purdue has gotten

## Field hockey team drops first to Purdue

By MARY SIEGER  
Sports Writer

While the Notre Dame football team chalked up a stunning victory at Purdue on Saturday, the Irish field hockey team can't claim to have fared quite as well. The Irish dropped their first game of the season to the Boilermakers, 1-0.

Although the game will be

recorded in the books as a loss, Irish head coach Jan Galen-Bishop considers Saturday's match a victory for her team. She believes the game, "was the most positive loss I ever had and it set the pace for the entire season."

"They played with their hearts," she reflected.

Bishop feels that the entire team gained confidence after its performance against Purdue. She believes it is a credit to her team to have provided a challenging match to a team which was ranked third in the Big Ten last season.

In the last meeting between the Irish and the Boilermakers two years ago, Notre Dame lost 7-0. Bishop says that Purdue was expecting an easy match against Notre Dame this time and suspects that the Boilermakers will take the Irish more seriously in the future.

In the closing minutes of the first half, the Irish had an opportunity to tie the score, but a spectacular save by a Purdue defender ended Irish hopes for a tie score at the half. Bishop said that the defense from both teams did outstanding jobs and commends her defensive players for preventing more Purdue goals.

Bishop was very pleased with goalie Patti Gallagher's performance on Saturday. She stopped seven of the eight Purdue scoring attempts.

"Patti is off to a good start and I'm impressed with the goals she stopped," says Bishop.

Freshman Corinne DiGiacomo, who started against the Boilermakers, also submitted an outstanding performance.

"She stood out because we didn't see POSITIVE, page 9