

# The Observer

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the independent student newspaper serving notre dame and saint mary's

THURSDAY, NOVEMBER 18, 1982

## ND placement reports

### Interviews remain strong

By KATHLEEN DOYLE  
Senior Staff Reporter

While some college placement services are experiencing a decrease in the number of companies interested in interviewing and recruiting students, the Notre Dame Placement Bureau has not experienced a reduction in corporations scheduled to conduct on-campus interviews.

Meanwhile, at Saint Mary's College, interview reductions are seen as a reflection of decreased hiring needs across the board.

"We've heard about this national trend," said Paul Reynolds, a placement specialist. "Richard Willemin, Director of Placement, was at a placement conference in September and one of the topics of discussion was the decreasing number of companies sending recruiters to colleges and universities."

"It seems that small liberal arts colleges and state universities are experiencing the most cut-backs. So far we haven't noticed a dramatic reduction here," Reynolds added.

Between 500 and 600 companies per year schedule on-campus interviews at Notre Dame. "It is not uncommon for corporations to cancel. About 450 companies actually hold interviews," Reynolds said. "We had as many corporations sign up, but more have cancelled than previous-

ly. Between 15 and 20 percent of the companies scheduled have decided not to hold interviews at Notre Dame."

Some companies, such as Exxon, Atlantic Richfield, and Union Carbide have decided to send fewer recruiters to Notre Dame, thus decreasing the number of students to be interviewed. Other corporations, however, including IBM, Chase-Manhattan Bank, Arthur Andersen and Company Consulting Division, M. O'Neill Company, and Procter and Gamble have increased

the number of recruiters sent to Notre Dame.

"We have found that certain 'recession proof' firms are increasing the number of recruiters they send here. These include financial institutions, investment and retail firms, and computer science and computer applications firms," Reynolds said.

"There have been fewer companies scheduled to interview in some of the technical areas such as

See INTERVIEWS, page 5

## Reagan/bishops conflict on nuclear arms strategy

WASHINGTON (AP) — The Reagan administration tangled head-on yesterday with the nation's Roman Catholic bishops about their projected condemnation of U.S. nuclear strategy, but the bishops were standing their ground.

Several of the bishops said they saw no likelihood of White House pressure causing them to back away from their convictions.

While welcoming the administration's letter of objections, Cardinal John Krol of Philadelphia commented, "They're saying what they think and we're going to say what we

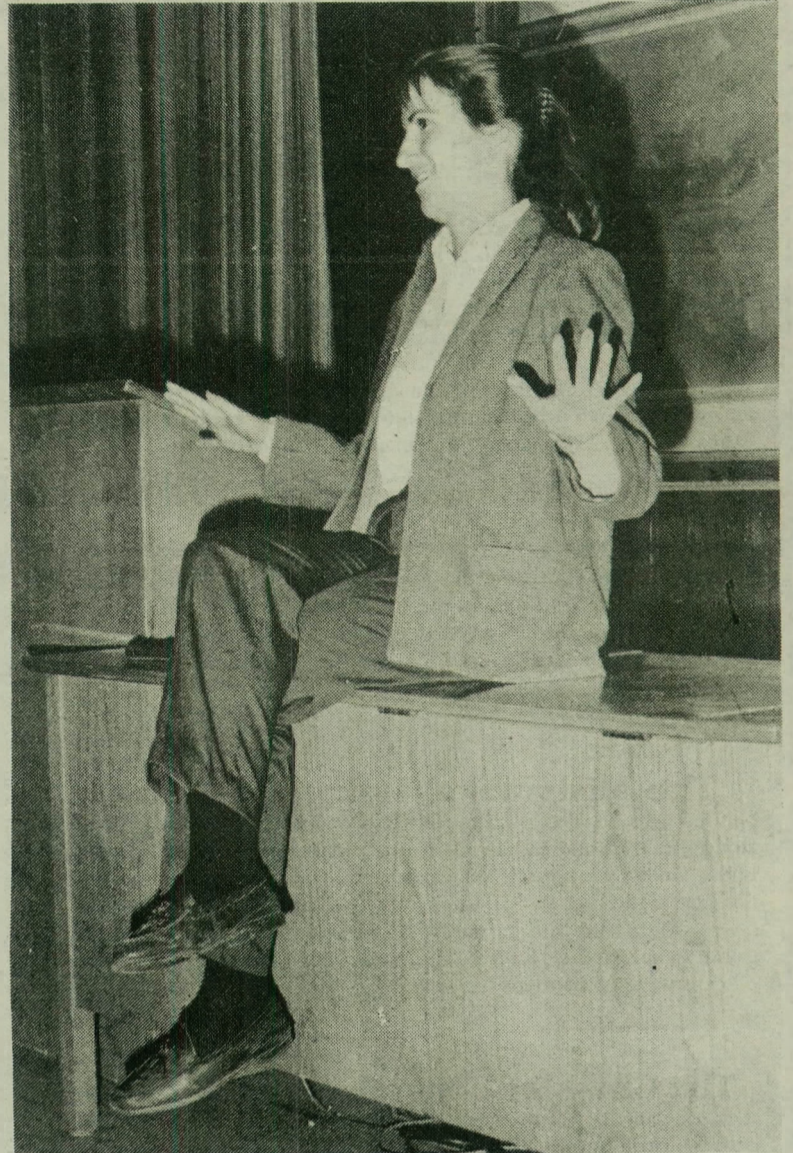
think."

Copies of the seven-page White House letter, signed by national security adviser William P. Clark but expressly speaking for President Reagan and other top officials, landed in a heap of brown envelopes at the bishops' meeting.

One was addressed to each of the 287 participants in the National Conference of Catholic Bishops, which is weighing a pastoral letter denouncing nuclear warfare and some aspects of U.S. strategy.

The White House accused the bishops of "fundamental misreadings of American policies" and of ignoring "far-reaching American proposals" to negotiate arms reductions with

See CONFLICT, page 4



Senior Accounting major Moya Nickodem talks about her experiences as a summer accounting intern at last night's Internship Night for juniors in the Hayes-Healy Auditorium. (Photo by Rachel Blount)

## Tax savings are advantage

### Tuition plans termed 'risky'

By ANNE MONASTYRSKI  
Staff Reporter

A tax-saving tuition plan at Washington University in St. Louis is helping students' families deal with recent financial aid cut-backs, but Brother Ryan Cafarelli, Notre Dame Director of Student Accounts, called the plan "a risky venture." The proposal "depends on the University investing at a good return," said Cafarelli.

Under Washington's plan, students pay for all four years of tuition upon entering as freshmen at the first-year rate. In return, the students' families receive a tax deduction and a guarantee of no tuition increases. The University invests the sum and the earned interest counterbalances tuition increases that the University now pays.

Parents who borrow money to pay for the four years of tuition can deduct the interest on the loan from their income tax returns. Students or their parents may borrow from lending institutions or directly from Washington University.

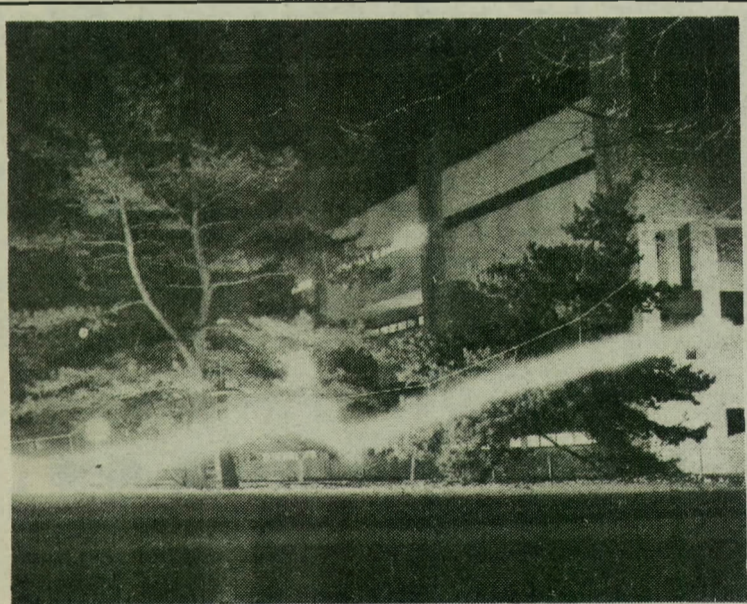
Under Washington University's financing program families currently borrow at a thirteen percent interest rate.

Vice Chancellor for Administration and Finance John H. Biggs, who was instrumental in implementing the tuition plan at Washington University, said they have not lost any money since it began in 1977. "The default rate is zero," noted Biggs.

Four hundred students are participating in the program. Because enrollment remains stable, the number is not expected to increase, according to Biggs.

Notre Dame Vice President for Business Affairs Thomas Mason said Notre Dame has never considered such a plan. Colleges and universities "come up with these different plans," said Mason. These plans do not suit the University's needs, according to Mason.

THURSDAY  
FOCUS



## Light sculpture graces Memorial Library lawn

By PAT SAIN  
News Staff

The monopoly is over — MUSCO, innovator of the portable stadium lights, has a competitor in outdoor lighting on campus.

Although it is unlikely that the collection of light bulbs sitting next to the library will ever be used to illuminate the stadium, or even as an alternative to fluorescent lights in classrooms, those who have an urge to study outdoors now have an ideal place to read. The ideal place is the west lawn of Memorial Library, where an 80-foot long "light sculpture" was erected earlier this week. The sculpture was the

creation of Robb Mackie, an artist-in-residence at Notre Dame.

Mackie, who is new to the art department this year, describes himself as a "high-tech" person who "enjoys doing things openly and publicly."

Mackie said the light sculpture, entitled "Dancer," was based upon his "offering to the seasons."

"As I solved my technological problems," Mackie said, "the time became open, season-wise, for outside works. Most people think art only happens in confined spaces at specific times...it can happen at any time — like in a snowbank."

See SCULPTURE, page 5

By The Observer and The Associated Press

**A search committee for** a new director of Notre Dame's Institute for Pastoral and Social Ministry has been named by Professor Timothy O'Meara, provost. Chairing the committee is Father Richard P. McBrien, chairman of Crowley-O'Brien-Walter professor of theology. Other members are Father Thomas E. Blantz, chairman and associate professor of history; Sister Jean Lenz, adjunct instructor in theology, and Michael J. Loux, chairman and professor of philosophy. The director's position was opened up when Monsignor John J. Egan recently announced his intention to return to the Archdiocese of Chicago next April. The Institute coordinates the University's programs in service to the Catholic Church — The Center for Pastoral Liturgy, the Institute for Clergy Education, the Religious Leaders Program, the Center for Social Concerns, and Retreats International. — *The Observer*

**The Cushwa-Leighton Library** staff at Saint Mary's is sponsoring an open house from 2 to 4 p.m. Sunday. The public is invited to attend. Tours of the \$7 million facility, which opened its doors in early July, will be provided throughout the afternoon. The library, which features a seating capacity of 540, houses a collection of more than 250,000 volumes, 775 bound periodicals and a rare book room that contains an outstanding Dante collection. Financed through private contributions, the library was designed by Evans Woollen Associates of Indianapolis. — *The Observer*

**Lebanon Independence Day** will be observed today with a panel discussion on "Lebanon of the Future." The program, at 7:30 p.m. in the Center for Continuing Education, will feature numerous expert speakers, including Ambassador Fakhri Saghieyeli of the United Nations. — *The Observer*

**The Mishawaka, Ind.,** toll plaza, Exit 83, was opened yesterday as the first of six new interchanges to be built along the 157-mile Indiana Toll Road that spans from Ohio to Illinois. The \$5.9 million Mishawaka interchange, located northeast of the city, is the first step of the project which will be completed by spring 1985, said Robert Hardley, a spokesman for the Toll Road Commission. Lt. Gov. John M. Mutz and other state, county and local officials were on hand for the opening. — *AP*

**The Chrysler Corp.** will resolve its differences with striking Canadian auto workers before the strike becomes dangerously prolonged, Chrysler vice-chairman Gerald Greenwald said yesterday. At a luncheon at Indiana University — Kokomo, Greenwald refused further comment on the strike by Canadian United Auto workers which has idled 4,600 U.S. Chrysler employees, including those at Indianapolis, New Castle and Kokomo. Greenwald said he has learned through the years that "when put to the test in anything difficult all of us bring common sense to the table... I hope we can see some economic reality injected into the talks." He said Chrysler officials don't believe sales will improve much next year. "We're keeping costs down and product program strong. We're ready but unfortunately the economy isn't yet. We'll find our way through the recession," Greenwald said. — *AP*

**Democrat Richard C. Bodine** asked for a recount yesterday of votes cast in Elkhart (Ind.) County for the 3rd District Congressional race. Bodine, a state representative from Mishawaka, lost to Republican U.S. Rep. John P. Hiler in the Nov. 2 election. James Stevens, an Elkhart lawyer, filed Bodine's petition for a vote recount and a petition contesting the election in Elkhart Circuit Court. "We want the recount done by hand," said Stevens. "We quite frankly are challenging the outcome of the election based on some unfortunate mistakes in the tallying of votes." In the 3rd District race, Hiler of LaPorte defeated Bodine by 9,000 votes in Elkhart County. But his victory margin in the entire district was only 4,000 votes. — *AP*

**An "anarchist punk rocker"** with safety pins in his ears was killed Thursday when the bomb he was trying to plant in a New Zealand government computer center exploded prematurely, police in Wanganui reported. Police said they had not identified the youth, whose remains were thrown 70 yards by the force of the blast. The eight people on duty at the center escaped injury, but the explosion damaged the armored doors of the computer center, police said. The center holds police and Justice Department records, which authorities said were not harmed. Police said a tattoo on the dead man said: "this punk won't see 23 no future." A freshly painted sign in a public toilet opposite the computer center said, "We have maintained a silence closely resembling stupidity — anarchy peace thinking." A can of spray paint was found in the debris. — *AP*

**Increasing cloudiness** today and mild. High in low 50s. Cloudy tonight and mild. A 30 percent chance of rain. Low in low 40s. Rain tomorrow with high in low to mid 50s. — *AP*

## Bishop's letter falls short

Is the United States morally justified in possessing nuclear weapons? Is it morally right to threaten civilian populations with instant incineration? Is the theory of nuclear deterrence and the commitment to strike first if absolutely necessary ethically and morally justified? These are some of the serious and complex questions currently being hurled about Washington, D.C. as the National Conference of Catholic Bishops (NCCB) annual convention enters its fourth and final day today.

The herculean task facing the bishops is to enunciate clear and concise answers to perhaps the most difficult and perplexing moral issue of modern time. At the heart of the matter is the draft of a proposed pastoral letter aimed at the nation's 51 million Roman Catholics which attempts to address the moral and theological dimensions of nuclear war. After changes are made in the letter by the 285 bishops it will be returned to the committee that drafted it to be completed by next spring. It will then act as a source of guidance to Catholics regarding the nuclear issue.

The draft does not try to hide the bishops' moral disdain and abhorrence regarding the use of nuclear arms. It condemns nuclear war and the first use of nuclear weapons and calls for a bi-lateral freeze of nuclear arsenals. The bishops are still debating whether or not to condemn the use of nuclear arms for reasons of deterrence. These are certainly worthy and necessary proposals, but the reasoning behind them is not sound and the consequences of blindly rushing toward compliance of them could spell out disaster for the Western world.

The issues and ramifications of this serious dilemma are extremely complex, yet the letter attempts to treat the issue as cut and dried by offering definitive answers for nebulous questions.

For example, the letter states "We (NCCB) have judged immoral even the threat to use nuclear weapons," even for reasons of deterrence previously mentioned. This latter statement is a very serious and dangerous shortcoming of the letter. The possession of nuclear arms for deterrence has been a cornerstone of U.S. policy ever since the insane arms race with the Russians began back in the early 50's. The Western European nations would be especially vulnerable to a Warsaw Pact invasion if the Kremlin knew there would be no nuclear retaliation. The Warsaw Pact countries are far superior to their western neighbors in terms of firepower and militia. The West needs nuclear weapons to insure its security.

The bishops are concerned with the moral aspects of a nuclear war. But what about the moral aspects of bowing down to Communist Russia or of allowing a power-hungry foreign power, which does not possess the same basic moral standards as the West, to invade a country? The letter does not address the problem of the Soviet Union at all. If the West lets its guard down by refusing to use nuclear weapons as a deterrent or in

**Mike Monk**  
Editor in Chief

Inside Thursday



case of imminent defeat during a conventional war, there will be nothing to stop the Russian leadership. Through taking advantage of the West's commitment not to use nuclear arms, the Russian government has annihilated millions of its own people, used slave labor on such "beneficial" projects as the Siberian-European natural gas pipeline and imprisoned its handful of peace activists.

Even St. Augustine's "just war" theory, accepted by Pope John Paul II, seems to conflict with the bishops' letter. Augustine said that force is justified "to restrain those who would harm the innocent." This is consistent with America's policy of deterrence.

I am certainly not in favor of a nuclear war no matter how limited. What I disagree with is the bishops' impractical and idealistic approach to this delicate and potentially disastrous issue.

We all know that anything that possesses the terrible capability to wipe out entire nations in seconds is immoral. President Reagan and his advisers know it too. But we also have a moral obligation to do what is necessary to protect ourselves from whomever is seen as the aggressor.

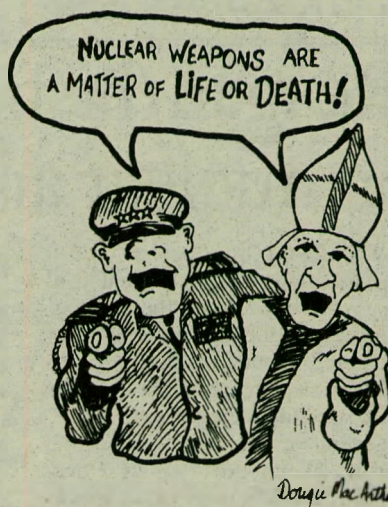
Proclaiming nuclear weapons immoral is not going to lead to a freeze or a reduction in arsenals. At the bargaining table the Americans and Russians aren't talking about the moral ramifications of the

possession or use of nuclear arms. I don't think the Russian leadership knows too much about morals. What they're talking about is SS-20's, Pershing II's, the Backfire bomber and submarine-launched missiles. They're talking about survival.

The present nuclear situation is absolute madness. Every attempt must be made to reduce the threat of nuclear war and for their strong and tireless efforts the NCCB deserves the highest accolades. But moral consciousness on the part of the good guys (that's us) is not going to reduce the threat of nuclear war. Serious strategic negotiations resulting in mutually verifiable treaties will reduce the threat.

If the U.S. government were to follow the tenets put forth in the bishops' letter, the future peace of the world might become even more precarious.

*The views expressed in the Inside column are the views of the author, and do not necessarily represent the views of The Observer or its editorial board.*



### The Observer

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You've got to have a dream.  
If you don't have a dream,  
How you gonna have a dream come true?

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# Activities throughout today \$1,200 expected from fast at SMC

By **TONI RUTHERFORD**  
Staff Reporter

Approximately \$1,200 is expected from the "Fast for a World Harvest" predicted Erin Flood, student coordinator of the annual pre-Thanksgiving event at Saint Mary's, yesterday.

Oxfam America is sponsoring the fast and will receive a portion of the proceeds in order to help fund self-help programs in poor regions of seventeen countries.

More than 1,000 people at Saint Mary's have signed up for the fast

which opened last night at 9:30 with a prayer meeting at the St. Mary's Clubhouse. Flood noted that this year's total, which includes 781 resident students and about 250 faculty, administration, staff, Sisters of the Holy Cross and off-campus students, is a large increase over last year's total of about 600 participants.

The fasters will give up today's three meals while taking part in the many activities planned for the day. These activities are an attempt to bring participants together and take their minds off of meals through prayer, discussion and entertain-

ment, Flood said.

"These activities are not limited to fasters," stressed Flood. "We realize that there are many who can't fast and we would like them to join us through the day's activities."

The day's activities include:

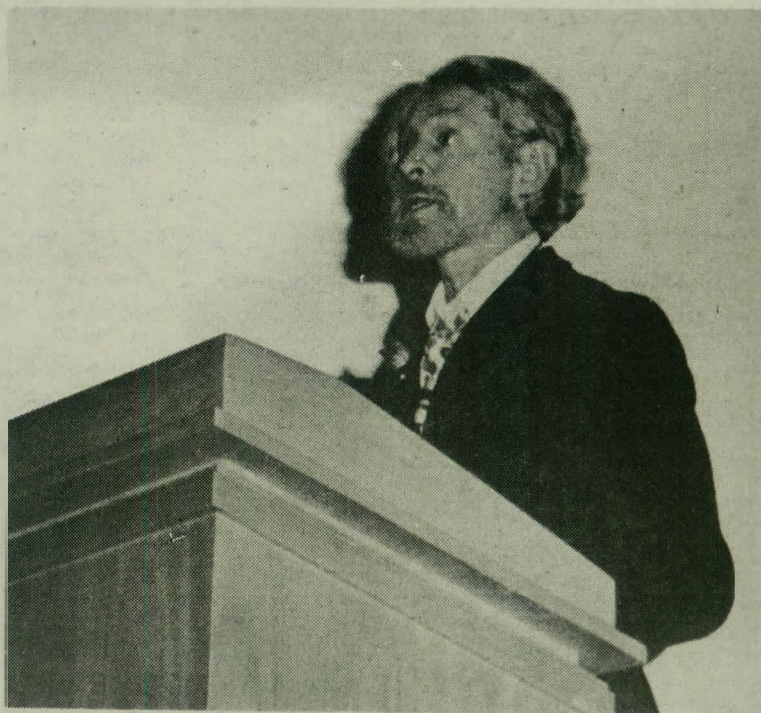
Stapleton Lounge

- 8:45 a.m. — Prayer
- 11:30 — Film: "The Choice is Yours"
- 11:45 — Film: "I Want to Live"
- 12:15 — Talk: Tom Reid, of Campus Ministry, on "Fasting as an Act of Faith, Hope, and Love"
- 4:30 — Film: "The Choice is Yours"
- 4:45 — Film: "The Longest Stride"
- 5:15 — Talk: Tom Reid, of Campus Ministry, on "Fasting as an Act of Faith, Hope, and Love"
- 7:15 — Recording of "Jesus Christ Superstar"

St. Mary's Clubhouse

- 9:30 — Closing Liturgy

After the liturgy a simple meal and an opportunity for discussion among all participants is scheduled.



Professor Paul Roche addresses his audience in the Annenberg Auditorium yesterday at the beginning of his talk and film discussion "Duncan Grant: Painter of Bloomsbury." (Photo by Rachel Blount)

# U.S. - Latin relations not to improve: Lowenthal

By **BOB JOHNSON**  
News Staff

Recent United States' administrations have not implemented any effective measures to better U.S.-Latin American relations, and it appears that the U.S. will not do so in the future. This was the message of Dr. Abraham Lowenthal yesterday in a lecture entitled "Ronald Reagan and Latin America: Coping with Hegemony Lost."

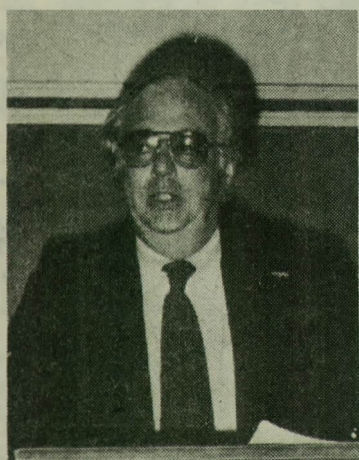
Both the Carter and Reagan administrations have started out promising to carry out innovative programs to improve U.S.-Latin American relations. Both times, however, the so-called "new" programs have drifted back to the old U.S. policy of treating Latin America as a lesser priority.

Lowenthal, secretary of the Latin American Program of the Wilson Center in Washington, D.C., analogized this drift by saying, "Whatever the United States has chosen on one branch, it has found itself moving back to the trunk."

One of the reasons why new American policy always seems to fade out is because of the multiplicity of non-governmental forces which evade control by the administration, said Lowenthal.

He added that another problem with U.S.-Latin American relations is the U.S. failure to realize the effect which some of its actions have upon these countries. Just a one percent fluctuation in the U.S. interest rate can result in a \$400-\$500 million deficit for Brazil, cited Lowenthal.

Lowenthal said that "all these illustrate a gravitation to previous policies." Since the U.S. does not appear to be putting any more weight on the Latin American relations there is little hope for improvement



Dr. Abraham Lowenthal

in the coming years.

Lowenthal, founder of the Wilson Center at the Smithsonian Institute, lectured to a crowd of about sixty-five people in Hayes-Healy Center. He is a recognized scholar on all areas of Latin American policy and has written for numerous newspapers.

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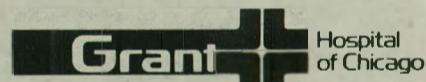
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Hair must be shampooed day of cut



Firemen spray water on the flames of the Raymond, Nebr., Co-Op Grain Company elevator yesterday. The explosion on Tuesday left a total of four dead. The fire was fought through Tuesday night. (AP Photo)

# Space shuttle follow up Faulty spacesuits examined

JOHNSON SPACE CENTER, HOUSTON (AP) — Sleuthing engineers started tests yesterday to determine why two spacesuits failed and forced cancellation of a crucial spacewalk during the shuttle's fifth flight.

A team of engineers at the Johnson Space Center organized a crash investigation of two unrelated but essential components that failed Monday, just as Columbia astronauts Joe Allen and Bill Lenoir were preparing to test the new type of suits in space for the first time.

"There is a great sense of urgency to solve this problem because there may be similar flaws in suits that are to be used on other missions," said a Johnson Space Center spokesman.

Richard A. Colonna, a Johnson Space Center executive who heads the team, said they should identify the problem in a week and have recommendations within two weeks that could affect future spacewalks.

The suits, developed at a cost of about \$2 million each for use on the shuttle, have yet to be proven on a spacewalk. Future missions call for extensive use of the suits in space. There are plans for suited astronauts to repair broken satellites and to as-

semble large structures in orbit.

Allen, Lenoir, and crewmates Vance Brand and Bob Overmyer landed Columbia at Edwards Air Force Base in California early Tuesday morning, completing a five-day mission that was flawed only by the space suit problem.

The astronauts launched two

satellites for paying customers to initiate an era of commercial cargo hauling by the shuttle.

"We deliver" was the mission motto, and officials said that was accomplished flawlessly. Two communications satellites launched by the astronauts are in orbit and working normally, officials said.

## ... Conflict

*continued from page 1*

the Soviet Union.

Bishop Raymond A. Lucker of New Ulm, Minn., commented, "They (members of the Reagan administration) say they've made the effort, but we're not convinced and it's not enough. It's rhetoric."

"We've known we are on very different wave lengths on the whole question," said Bishop Joseph F. Gossman of Raleigh, N.C.

He said the White House letter would get "careful consideration," but pointed out that "we're familiar with the issues raised in the letter" since administration officials previously had presented those

views.

"We're not meeting to debate the administration," he said. "Our purpose is to hear what the bishops have to say about it. But we've invited comments and are open to further dialogue."

The bishops' document calls for a nuclear freeze, condemns as immoral any threat or intention to use nuclear weapons and says even possession of them as a deterrent is tolerable only if progress is being made toward mutual disarmament.

The document also condemns any first use of nuclear weapons and their targeting on bases near population centers — both of these options are now espoused in U.S. nuclear strategy.

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## ... Interviews

continued from page 1

electrical engineering and mechanical engineering. But these fields are still strong," he noted.

Twenty five companies which have never held on-campus interviews at Notre Dame or have not done so in recent years have been added to the interview schedule for this year.

"We think recruiters have continued coming to Notre Dame because we have quality students. Most students seem not only to excel academically, but to participate in extra-curricular activities," Reynolds said. "Usually a Notre Dame student participated in extra-curricular activities in high school

and has continued to do so here. This makes him well-rounded. Also recruiters often tell us they are impressed by the ability of Notre Dame students to articulate and communicate well."

The Notre Dame Placement Bureau plans to present more seminars on various subjects, including interviewing skills, job search, and the mail campaign technique of seeking employment. The placement office also will continue to suggest that students use the university faculty as well as alumni to establish contacts while job-hunting.

The Counseling and Career Development Center at St. Mary's College reports that it is experiencing a definite reduction in on-

campus recruiters sent by corporations.

"Hiring needs are down across-the-board," said Kathleen Farrar, Assistant Director of the Counseling and Career Development Center at St. Mary's College. "This is true even in the technical areas. There are fewer interviews even in those heavily recruited fields such as math and chemistry."

"We are trying to take up the slack in our Job Search Program," Farrar added. "We are encouraging students to use an alternative method of seeking employment by utilizing the alumnae network. We want the students to get the job they've been working for," Reynolds said.



Father Edward O'Connor makes a point during his Thomas More Society-sponsored lecture last night. O'Connor discussed the concept of the infallibility of the Church and why its teachings must be considered infallible. (Photo by Rachel Blount)

## ... Sculpture

continued from page 1

The light sculpture was also a testing ground for Mackie's "modular" system of building. The light sculpture is composed of units, each of which is about 10 to 20 feet in length. The units are connected by sliding joints, which permit shifting in the structure. Mackie claims that "Dancer" can withstand a 30 mph wind without breaking.

Because of the success of his system of moveable joints, Mackie now says that linear runs of over 100 feet are possible, even if the structure is supported in the air.

The largest light sculpture created by Mackie, called "Dinosaur," was 130 feet long and 29 feet high, and dipped to within four feet of the ground. The fluores-

cent tubes for his present work come from "Dinosaur."

"Dancer" has a total of 45 eight-foot fluorescent lights held together by circular joints. When lit at night, the light sculpture requires only four to five watts of power provided by a small transformer. Mackie claims that one transformer is enough to power 100 feet of tubes.

The structure's location on the west lawn of the library not only lets Mackie provide electricity for the lights from the fieldhouse, but also benefits from the number of people who use the library.

According to Mackie, even though light has been around "forever," it is usually thought of as illumination, instead of an art form. "Emitted light is like the human voice," Mackie said. "It has an intrinsic value. This value creates an expression — much like a voice can sing or talk."

Mackie says that "Dancer" is an illustration of the "anamorphic" quality of emitted light — depending upon one's position, the depth of the sculpture changes. Mackie pointed out that when the light sculpture is seen from the fieldhouse, it appears only three feet deep, when it really is nearly twenty.

He said that he hopes to put more sculptures in other places around the campus. "Every quad here has a spot that is right for a light sculpture."

Editor's note: The photo at the beginning of this story was taken by Paul Cifarelli.

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## Economic Update

**Nearly one-third of the production** lines at U.S. factories stood idle last month as the recession deepened, in what one economist called a "near depression." The 68.4 percent factory-use rate reported yesterday was the worst on record. In another economic development, the Commerce Department said housing starts by U.S. builders rose one percent in October. That was only a modest increase — to an annual rate of 1.12 million units — but the same report provided better news in the form of a second straight jump in building permits for future construction. Permits rose to an annual rate of 1.18 million, up 17.7 percent from September and up a full 60 percent from October of last year — good news since permits indicate how well builders should be doing in coming months. Economists say better times for home builders could also help bring recovery for the overall economy. — AP

## Wall Street Update

**The stock market** chalked up a broad gain yesterday, reversing the slide of the past three sessions. Financial services, bank and retailing stocks were among the leaders of the rally. The Dow Jones average of 30 industrials, which had fallen 46.73 points in the last three trading days, climbed 19.50 to 1,027.50. Volume on the New York Stock Exchange totaled 84.44 million shares, down from 102.91 million Tuesday. Advancing issues outnumbered declines by almost three to one on the Big Board, and the NYSE's composite index rose .37 to 79.67. Nationwide turnover in NYSE-listed issues, including trades in those stocks on regional exchanges and in the over-the-counter market, totaled 96.46 million shares. — AP

## Space Services, Inc.

# U.S. company launches rocket

It looked like a country picnic: some 300 people munching shrimp, sandwiches and watermelon under a striped awning while cattle grazed in the distance. Nearby, a generator chugged monotonously, providing electricity to a cluster of temporary buildings.

It was not food or good company that had attracted this crowd to Matagorda Island, off the Texas coast. The trailers served as "mission control" for a 37-foot rocket standing beside a makeshift gantry.

On this September day, it was scheduled to become the first space vehicle ever launched by an American company.

The flight of the Conestoga I was an inauspicious voyage by Apollo, Soyuz or space shuttle standards. The "no frills" rocket, built from surplus parts by Space Services Inc. of America (SSI) on a shoestring \$2.5 million budget, climbed only 196 miles before falling — as planned — into the Gulf of Mexico, 326 miles down range, 10 1/2

minutes after launch.

But to its backers, the mission was the equal of the Wright brothers' flight at Kitty Hawk or Lindbergh's crossing of the Atlantic. It proved that private companies, as well as governments, could master space flight and exploit space commercially.

Moreover, it would help SSI raise money to launch the first private satellite in 1984. Donald ("Deke") Slayton, the former astronaut who served as flight director, said, "We hope to have a flight a month by 1987."

The events that led to this soaring performance — and equally soaring rhetoric — began in 1976, when a Houston millionaire named David Hannah Jr. read a magazine article that said space colonies might be commercially feasible. The article, based on theories of the visionary Princeton professor Gerard O'Neill, inspired Hannah to think there might be profit in space.

He set about researching the pos-

sibility and, three years later, teamed with a young, self-taught rocket engineer named Gary Hudson to build a rocket from off-the-shelf parts. Hannah, whose money came from real estate, assembled a group of investors that included many Texas oilmen to found SSI.

The project was making rapid headway when the first space vehicle, a \$1.2 million liquid-fueled rocket, exploded during an engine test in August 1981.

"The day after we blew up that rocket," Hannah recalls, "Chris Kraft (the head of the Johnson Space Center) got permission from NASA to help us out." A NASA analyst studied the accident and turned in a report that persuaded Hannah to abandon volatile liquid fuels.

The developers of the Conestoga I concede that their rocket did not break any technical ground. Its design, including the use of the Minuteman booster, was borrowed from the standard Ariens rocket that has made 20 successful flights in 22 tries since the mid-1970s. The Conestoga's flight served merely to test its payload and guidance systems.

SSI's next rocket, the Conestoga 200, will also be free of technical surprises. The four solid-fuel stages will consist of commercial rocket engines made by United Technologies and the Thiokol Corp.

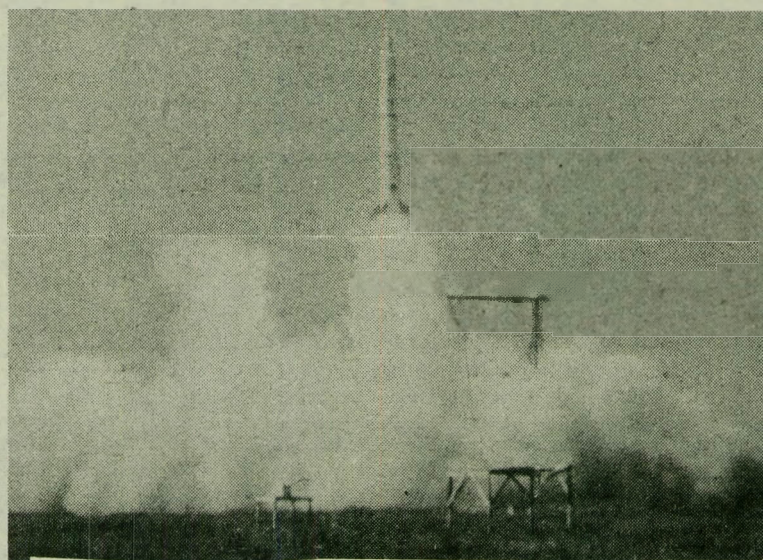
The next Conestoga, Hannah says, could cost \$20 million, but subsequent flights should be able to put 500 pounds of satellite into a 500-mile-high orbit for about \$5 million.

At first glance, that does not seem to be much of a bargain. According to Barbara Stone, NASA's senior staff engineer for pricing, the shuttle will charge customers only \$2.52 million next year to carry a 3,250-pound package (the smallest individual cargo allowed on the 65,000-pound-capacity shuttle) into orbit 180 miles high.

But the shuttle is 90 percent booked through 1986, and SSI officers hope to pick up business from firms that cannot wait.

Still, SSI may be left out of the hottest race in space today, the competition to put communications satellites into 22,300-mile-high geostationary orbits. At that height, the satellites circle the earth once every 24 hours, so that they appear to hang motionless in the sky — ideal relay stations for telephone and television signals. NASA's space shuttle and the European Space Agency's Ariane rocket are battling to launch these satellites because, according to an Ariane representative, "that's where the money is."

— Discover News Service



The 37-foot Conestoga I rocket, powered by an old Minuteman booster, lifted off from a Texas cow pasture in September. It was the first spacecraft ever launched by an American company. (Discover magazine photo by John Grossman)

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## Faust plays a phoney game

Is Gerry Faust trying to isolate his players from the rest of the Notre Dame community? Recently the new "permanent" phone books were distributed to the members of the Notre Dame-Saint Mary's community. For the

**Tim Neely**

**My Turn**

second year in a row, they are more noteworthy for what they do *not* contain than for what they do.

Anyone here then may recall that last year several hundred students were missing from the original books because of a faulty computer program which inadvertently misalphabetized a few students, eliminating those caught in the middle, including a large segment of "Mc-" based names.

This year the numbers and addresses of about 100 on-campus students are missing again. Computer foulups cannot be blamed this time. These deletions were no accident. They are the members of the Notre Dame football team who are on scholarship.

Check it for yourself. Look up Blair Kiel. Or Mark Zavagnin. Or Allen Pinkett. Or Hal Von Wyl. Or even Jim O'Hara. What you will find is their name, their year, and their college ... and nothing more. Even more obscure players who have never played a minute on the varsity and may never do so have been accorded this treatment. Even the Notre Dame operators do not give out the information; their phone numbers and room numbers are "unlisted."

Faust told to the media that he wished his players could be placed in a vacuum, unable to see or hear the opinions of newspapers and fellow students about his one-week, off-the-next football team. This is one attempt at that, but it is one which first, betrays a lack of trust in the student body from Faust, and second, eliminates any credibility to the claim that Notre Dame football players are as accessible as any other average student and more so than those at other big-time football schools.

Some maneuvering must have occurred between the football office and the Office of the Registrar to pull this off. On-campus students are omitted from the directory only in extreme circumstances. Off-campus students do

have the option of being unlisted; they receive an "Off-Campus Card" at registration which asks if they wish to be unlisted.

Even if on-campus students could easily acquire unlisted phone numbers, I doubt that 95 scholarship football players — and no one else on campus — would have *voluntarily* asked that all but their names be deleted from the official University phone directory.

There may be a few students here who would call one of the players after a lousy performance and berate him. The vast majority, even the most ardent Irish fans, are beyond that, based upon past experiences. Yes, the spectators hate to see the team lose, but they generally take it well when it does happen; they don't blame the players for losses.

They often, however, will blame the coach.

What seems to be happening is that the pressures of the "toughest job in America" are getting to Faust already. He came here on a massive public-relations blitz, visiting every dorm on campus and quickly endearing himself to the Notre Dame student body. His actions since the promise of the spring of 1981 have turned many students against him, and not only because of the team's less-than-

thunder-shaking 5-6 record last year.

Some of Faust's behavior off the field, both in word and in deed, alienated some of his most ardent supporters. Leaving the players' addresses and phone numbers out of the official telephone directory will not help matters any. In fact, it more likely will make things worse.

Notre Dame prides itself on the scholarship athlete as an integral part of the community as a whole, living among the other students in the same dorms and, often, the same closet-sized rooms. This deed has, in effect, separated the team from the community, as much interaction here takes place over the phone. What will happen next? Will the separation become more than symbolic? Will next year find all the players living in the same dorm, like at other football factories?

Because Notre Dame has not allowed the same sort of segregation that other schools do, the players have had to learn to handle the pressure from their fellow students. Most, if not all, of them do; witness the very low player transfer rate. It seems like the man at the top is not doing as well. If he can't handle the heat, he should get out of the kitchen before he is allowed to burn it down.

## For natural birth control

*This weekly column would never have been possible without the influence and support of more than a few priests and some fantastic lay friends. Today's article is a tribute to two of these wonderful people — a young*

**David M. Schorp**

**Chautauqua in Faith**

*married couple who have graciously consented to the printing of a very personal letter. What a beautiful letter it is; a newly engaged man and woman, who were both in graduate school, were first confronting the question of birth control. Not only is birth control "faithfully" explored but another, more encompassing theme brought out is "How Best to Make a Decision."*

Dearest,

This letter will be about birth control. I have been reading some of the books that we had thought about. Dear, if we really think most basically alike, will we come to the same conclusion in our thinking? If this is the case, I think I can state our decision.

When my younger brother was thinking about going for eight months to France, he wrote me a letter asking me for advice about how he should make a decision. He was insecure about leaving for so long, and to help his decision he wanted to use some words from the Bible, "Trust God to make your decisions." He asked my opinion, and this is what I told him.

The whole question centers around having a free will, and being able to make our own decisions when the Bible might be interpreted as saying, "Listen to God for your decision." I believe, dear, that the two views can be brought together. We can use our free will to make a decision, but the basis of our thinking should be our faith. We say to ourselves, "Which will be the best way to please God?" So we use our trust in God to make a decision.

This will be the final, most general reason that we might agree on in thinking about birth control, but first I'd like to present some others.

1) The pill has harmful side effects. To quote from *The Meaning of Contraception*

(Mary Joyce): "Some of the effects caused by the drug are nausea, vomiting, cramps and bloating, amenorrhea, edema, chloasma (brownish discoloration of the skin), cerebral vascular accidents, vision impaired, loss of scalp hair, leg cramps, jaundice, migraine, allergic rash, rise in blood pressure, mental depression and blood clotting sometimes resulting in serious damage or strokes." Dear, you are a very healthy, strong person, mentally and physically, but altering such a complex system as your menstrual cycle and reproductive system is *serious*. There is much potential for you to be harmed. We love you too much to take risks with this, or any other chemical means of birth control.

2) Our marriage is for the community first. By sacrificing, (seven or eight days with the most modern, scientific methods) we have to suffer, but this will make us stronger, better persons, better able to help others.

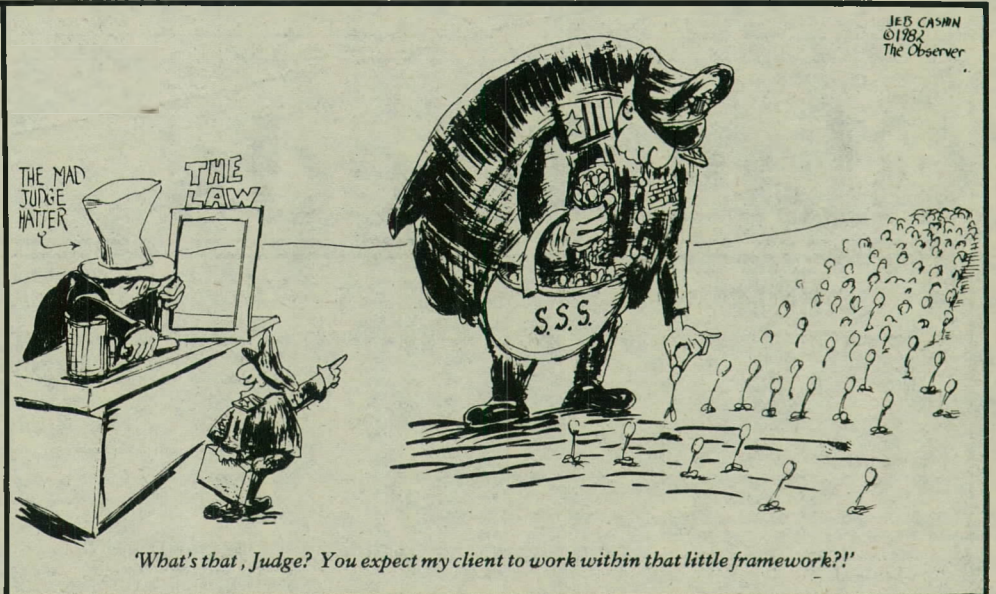
3) (Like 2) We have a responsibility to bless this world with our wonderful children — to — be. And if we feel it is best to wait to do this, we should do so in the most unselfish way. We should sacrifice to have our first two years to ourselves.

But after all these reasons are listed, there remains some scary thoughts. What if natural birth control doesn't work? Can we refrain from sex seven or eight days a week? (What if we used the pill and it didn't work?) There exists the possibility of our conceiving a child while we are still in school. We can't get married until we are comfortable with this possibility.

This is the most beautiful, general way that we can be, dear: we will put our faith in God. We will get married, and put our faith and our minds to work to use natural birth control. We will say to God, "God, we think that we will serve you best if we wait to have children." But, dear, we must realize that God might say, "No, I want you to have beautiful babies!"

It has to be faith! With faith, things will always work out for the best. We might not think right now that a baby would be the best. But if we are using our faith for natural birth control, and if God decides differently for us, then He must be right!!

In short, dear, won't we use our faith to try and glorify God, and in doing so won't we be comfortable knowing that God will take of us and make us the happiest we can be?



P.O. Box Q

## Occupation of Lebanon must end

Dear Editor:

April 13, 1975 was the beginning of the so-called Lebanese war. Now, seven years later, with more than 100,000 Lebanese killed and hundreds of thousands of others homeless in a population of three million, with economical losses approaching thirty billion dollars, and its capital lying in ruins, Lebanon finds its territory occupied by three powerful foreign armies, the Syrians, the PLO, and the Israelis. Amidst all this, Lebanon celebrates its Independence Day on November 22.

Foreign powers saw in the small, neutral and peace loving Lebanon a country they could polarize. In 1975 the PLO tried to do so, in 1977 the Syrians joined in and in 1982 the Israelis became part of the picture. The Lebanese suffered a lot from the war but they never gave up and resisted all invading forces. For seven years, world opinion seemed to care less for what happened to Lebanon and to the Lebanese, and called the war a civil and internal conflict.

The summer of 1982 was a turning point. The Israeli invasion of Lebanon uncovered the main actors on the Lebanese arena. The world saw the urgency of resolving the Lebanese problem. The PLO left Beirut which it controlled for seven years. A new and young Lebanese president was elected, Bachir Gemayel, and he rallied behind him Christians and Moslems alike. For the first

time in years there was hope for peace and the Lebanese thought that their suffering had been brought to an end.

That hope lasted a few days but was dissipated with the slaying of the new president. His death was a blow to the aspiration of freedom, democracy, and justice in the new Lebanon that president Gemayel had promised the Lebanese. It was also a reminder of the forces which will always try to undermine Lebanon's independence.

The momentum that the Lebanese cause gained in the summer disappeared. Israeli, Syrian and PLO forces are still in Lebanon and each is setting impossible conditions to withdraw. American mediators find themselves trapped again in the Middle Eastern politics, and an early withdrawal of foreign troops is not likely to occur.

The American role in trying to achieve a pull out of those forces must be commendable. We hope that the American effort will continue and will be eventually fruitful.

Once Lebanon finds itself free from foreign occupation, we will rebuild it in no time. We have the know how, the will the faith and the love to do it. But will we be ever left alone? What does the future hide for the tiny, once beautiful Lebanon? Are the Lebanese condemned to live in grievance and despair??

Francois Boueri  
Lebanese Student

## The Observer

*The Observer* is an 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. Editorials represent the opinion of a majority of the Editorial Board. Commentaries, opinions and letters are 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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Soccer banquet

# Hunter names awards, captains

By SAM SHERRILL  
Sports Writer

The Notre Dame soccer team closed out a successful season in fine style last night with its sixth annual awards banquet held at the MR Falcons Club in South Bend. Such dignitaries as Edward "Moose" Krause and Gene Corrigan, the past and present University athletic directors, were in attendance to salute the team on its fine 16-4-2 record.

After cocktails and dinner, master of ceremonies Tom Van Meter, an assistant coach with the Irish, opened the awards portion of the banquet by introducing Fr. James Riehle, Chaplain of Varsity Athletics, to present the Most Valuable Player award. This award, voted on by members of the team, was bestowed on goalkeeper Gerard McCarthy.

McCarthy, a senior, started 20 of 22 games this season, recording 82 saves, ten shutouts, and a 1.127 goals-against average. Over four years, McCarthy allowed only 34 goals in 52 games played, finishing

with a .874 g.a. More than once this season, he came up with the big save to turn a game around.

Other awards given out last night included:

- Awards of appreciation to all seniors, including Brad McCurrie, Ed Graham, Steve Berry, Larry Smith, Gerard McCarthy, Mario Manta, Mike Sullivan, Jay Schwartz and manager Greg Koury

- The "Spirit" award, to backup goalkeeper Dan Coughlin

- The Most Improved Player award, to fullback Bruce Novotny

- The Scholar-Athlete award, to senior Mike Sullivan

- The award for Greatest Contribution to the Varsity by a Freshman, to Joe Hohl

- The Scoring Leader award, to Mario Manta

- The Assist Leader awards, to Richard Herdegen and Steve Chang

The last major award was the "Coach's Award", a special honor bestowed by Coach Rich Hunter on the player who most exemplifies what a Notre Dame soccer player should be. This year's recipient was

senior Larry Smith, the iron man of the defense.

The last major announcement of the evening was the captains for the 1983 season. There will be four captains next year: seniors Mark Luetkehans and Ken Harkenrider and juniors Richard Herdegen and Steve Chang.

A tentative schedule for next season was also unveiled. The Irish will play perennial foes Indiana, Akron and Marquette, among others, and also a few newcomers like Wilkes College and Stockton State.

Hunter closed out the evening with an exhortation to this year's freshmen to follow the seniors' example and dedicate themselves to the program. He also set as the team's goal for next season a victory over powerful Indiana. After five losses in five years, a victory over IU would be the type of win to turn the program around.

With all the adversity the Irish suffered earlier this season, one has to admire the grit and determination they showed to post the final record they did.



Notre Dame senior fullback Larry Smith received the coveted "Coach's Award," honoring the player who best exemplifies what an Irish soccer player should be, at last night's year-end banquet. (Photo by Rachel Blount)

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## ... Sports Briefs

continued from page 8

**ND women's track and field** club is looking for interested members to join up. Call Yvie Allmaras (1349) or Rose Marie Luking (6896) for details. — *The Observer*

**Hearing-impaired viewers** will be able to enjoy two televised Notre Dame basketball games with closed-captions. Metrosports, which will again televise a number of Irish games this season, has agreed to provide the service for the games against UCLA (Dec. 4) and Marquette (Jan. 15). The captions, however, will be visible only on television sets equipped with TeleCaption units. — *The Observer*

## Boxer Kim declared deceased

LAS VEGAS, Nev. (AP) — Lightweight boxer Duk Koo Kim was pronounced dead last night, and the comatose boxer's mother said his organs would soon be transplanted so another person can live.

A Nevada district judge allowed Kim's hospital respirator to be removed, and declared Kim legally dead at 9 p.m. EST.

"My son, Duk Koo Kim, has passed away," said the 23-year-old South Korean's sobbing mother, Sun-Yeo Yang, through an interpreter. "I made up my mind that my son's living organs be transplanted so another person can live."

Kim has been described by a neurologist as "brain dead" since shortly after being knocked out Saturday in the 14th round of a lightweight title bout against World Boxing Association champion Ray "Boom Boom" Mancini. The fighter never regained consciousness. Doctors said there was no sign of brain activity and Kim was kept alive by a life-support system.

Doctors who had attended to Kim since the injury, said a team of organ transplant doctors was scheduled to arrive in Las Vegas late last night.

They said they did not know when the organ transplants would be performed, and added that Kim's body would be flown back to Korea tomorrow afternoon after a short memorial service by the Korean Residents Association, a Korean community group here.

Kim failed to respond to acupuncture treatments yesterday from a team of Korean doctors, who said the comatose boxer "belongs to the dead."

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## THE COMMITTEE ON PUBLIC POLICY STUDIES THE UNIVERSITY OF CHICAGO TWO YEAR MASTER'S PROGRAM IN POLICY ANALYSIS

Steven Loevy, Administrative Director, will be on campus to discuss the program and career opportunities.

Fri., Nov. 19, 9:00, 10:00, 11:00, 1:30 p.m. Small Group Appointments Placement Bureau, Room 213. Thurs., Nov. 18, 6:30 p.m. "Career Options in Public Policy," Hayes-Healy Center, Room 124.

Please call for an appointment, or for information, 239-5200.

Interested students with any major are welcome to attend these meetings.

Student Policy issues such as: Urban Fiscal Stress, Health Care, Housing, International Trade, Economic Development, Taxation, Regulation, Federalism, Welfare, Energy, Arms Control, Immigration, ect.



### How far is too far ?

The Notre Dame Student Union presents

PAUL NEWMAN SALLY FIELD

### ABSENCE OF MALICE

\$1 7:00, 9:15, 11:30  
ENGINEERING AUD NOV 19 & 20



PRICES GOOD THROUGH SATURDAY, NOVEMBER 20, 1982

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**PABST**  
**5<sup>99</sup>**

24-12 OZ. CANS



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**7<sup>99</sup>**  
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### KEGS

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**MILLER LITE 1/2 \$31<sup>99</sup>**

**JACK DANIELS**  
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750 ML.



**JIM BEAM BOURBON**  
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**FURSTENBURG IMPORTED GERMAN \$2<sup>99</sup> 6 Bottles**  
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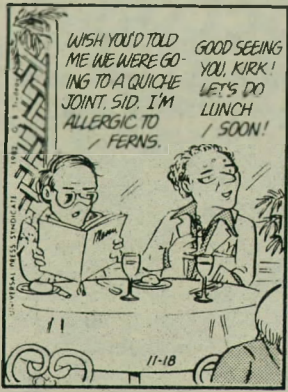


**YOU'RE WASTING YOUR MONEY BUYING ANYWHERE ELSE!**

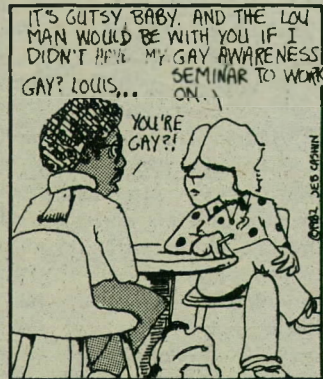


1621 South Bend Ave.  
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## Doonesbury

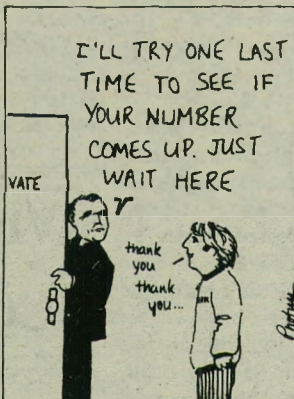
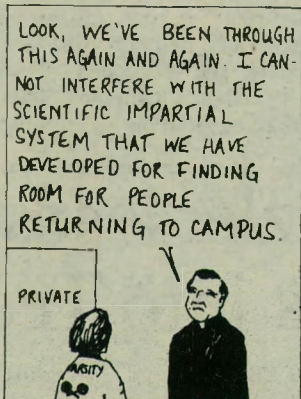


## Simon



## Jeb Cashin

## Fate



## Photius



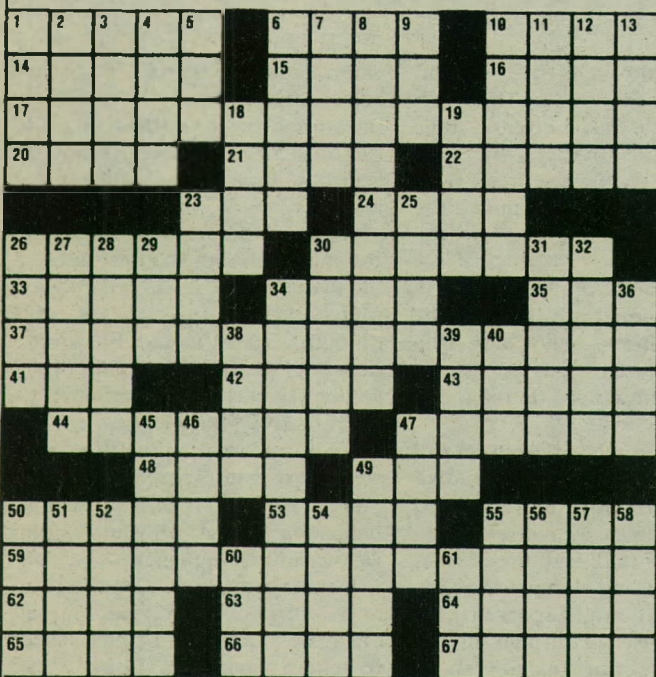
## Campus

- 4 p.m. — Radiation Lab Seminar, "Electron Spin Resonance Studies of Spin-Stabilized Semiquinones in Chemical and Biochemical Systems," Dr. Roger Sealy, Rad. Lab Conference Theatre
- 6 p.m. — AISEC General Meeting, LaFortune
- 7, 9:15, & 11:30 p.m. — Film, "The Exorcist," Engineering Auditorium, Sponsored by Circle K Club, \$1
- 7:30 p.m. — Meeting, The London Program of the College of Arts and Letters, Dean Burns, Library Auditorium
- 7:30, and 10 p.m. — Film, "Star Wars," Carroll Hall, Sponsored by SAPB, \$1
- 8 p.m. — Concert, St. Mary's Choir Fall Choral Concert, Little Theatre, Free
- 8 p.m. — Play, "Man For all Seasons," LaFortune Ballroom, Sponsored by Student Union Student Players, \$2.50 in advance
- 8 p.m. — Basketball, ND vs. Yugoslavia National Team, ACC Arena
- 8 p.m. — Lecture, "Was Plato a Feminist?" Prof. Gregory Vlastos, Galvin Life Sciences Auditorium, Sponsored by Philosophy Department
- 8 p.m. — Play, "The Maids," Washington Hall, Sponsored by ND/SMC Theatre, \$2.50
- 9 p.m. — Keenan Night at the NAZZ

## T.V. Tonight

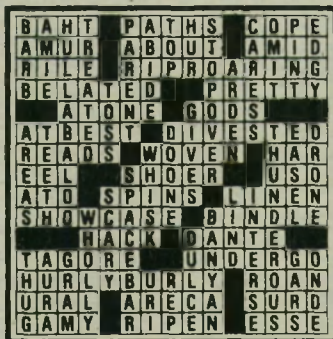
- 6 p.m. 16 NewsCenter 16
- 22 22 Eyewitness News
- 28 Newswatch 28
- 34 3-2-1 Contact
- 6:30 p.m. 16 NBC Nightly News
- 22 CBS News
- 28 ABC's World News Tonight
- 34 Making It Count
- 7 p.m. 16 M\*A\*S\*H
- 22 Laverne and Shirley
- 28 Joker's Wild
- 34 The MacNeil/Lehrer Report
- 7:30 p.m. 16 All in the Family
- 22 Family Feud
- 28 Tic Tac Dough
- 34 Straight Talk
- 8 p.m. 16 Fame
- 22 Magnum PI
- 28 Joanie Loves Chachi
- 34 All Creatures Great and Small
- 8:30 p.m. 28 The Star of the Family
- 9 p.m. 16 Cheers
- 22 Simon and Simon
- 28 Too Close for Comfort
- 34 Wild America
- 9:30 p.m. 16 Taxi
- 34 Sneak Previews
- 10 p.m. 16 Hill Street Blues
- 22 Knots Landing
- 28 20/20
- 34 Odyssey
- 11 p.m. 16 NewsCenter 16
- 22 22 Eyewitness News
- 28 Newswatch 28
- 34 The Dick Cavett Show
- 11:30 p.m. 16 Tonight Show
- 22 Quincy and McCloud
- 28 ABC News Nightline

## The Daily Crossword



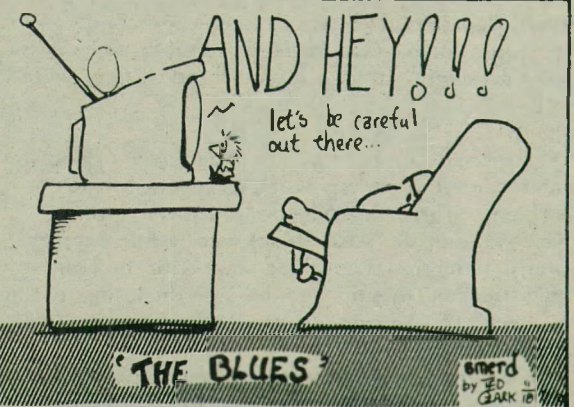
- ACROSS**
- 1 Skinflint
  - 6 S.A. rodent
  - 10 — mater
  - 14 Building clay
  - 15 Marsh grass
  - 16 Follow
  - 17 Gambler's phrase
  - 20 Building wings
  - 21 Radix
  - 22 Gable or Hopper
  - 23 Pixie
  - 24 Caspian country
  - 26 Chemical compound
  - 30 Patron
  - 33 — Rogers
  - 34 Did garden work
  - 35 Varnish ingredient
  - 37 Movie classic
  - 41 Coastal bird
  - 42 Dagger, old style
  - 43 Roof overhangs
  - 44 Endorses a motion
  - 47 Most mature
  - 48 Finished
  - 49 Move a camera a certain way
  - 50 Scent
  - 53 Winglike
  - 55 Court action
  - 59 Ungrammatical items
  - 62 This: Sp.
  - 63 Skin problem
  - 64 Precipitous
  - 65 Cozy retreat
  - 66 Peruse
  - 67 Singer Como
  - 27 Smells
  - 28 Meet with former classmates
  - 29 Clerical vestment
  - 30 Units of loudness
  - 31 Salad ingredient
  - 32 Charges
  - 34 Obstacle
  - 36 Wen
  - 38 Serf of yore
  - 39 Chow —
  - 40 Snooze
  - 45 Battle
  - 46 Ellipse
  - 47 — avis
  - 49 Summoned publicly
  - 50 Arabian gulf
  - 51 Flower losers
  - 54 Ms. Home
  - 55 Quote
  - 56 Prove to be true
  - 57 Prognosticator
  - 58 Catch sight of
  - 60 Hearing organ
  - 61 Recipe abbr.
- DOWN**
- 1 Created
  - 2 Baal
  - 3 Psyche
  - 4 Recedes
  - 5 Electrical unit
  - 6 Verification
  - 7 Flying prefix
  - 8 Myriapod
  - 9 Fuss
  - 10 Greek city
  - 11 Set down
  - 12 Obey
  - 13 Seaweed
  - 18 A Gardner
  - 19 Comparison word
  - 23 Latin abbr.
  - 25 Took the bus
  - 26 Commanded

### Wednesday's Solution



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11/18/82



The ND Student Players Present:

## A Man for all Seasons

November 18, 19, and 20 at 8 p.m. November 21 at 2 p.m. in Chautauqua, 2nd floor LaFortune

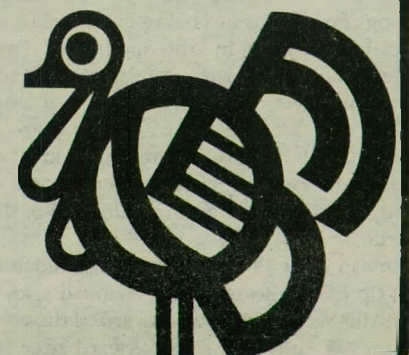
Tickets are on sale at the Student Union Ticket Office for \$2.50. Admission at the door is \$3.

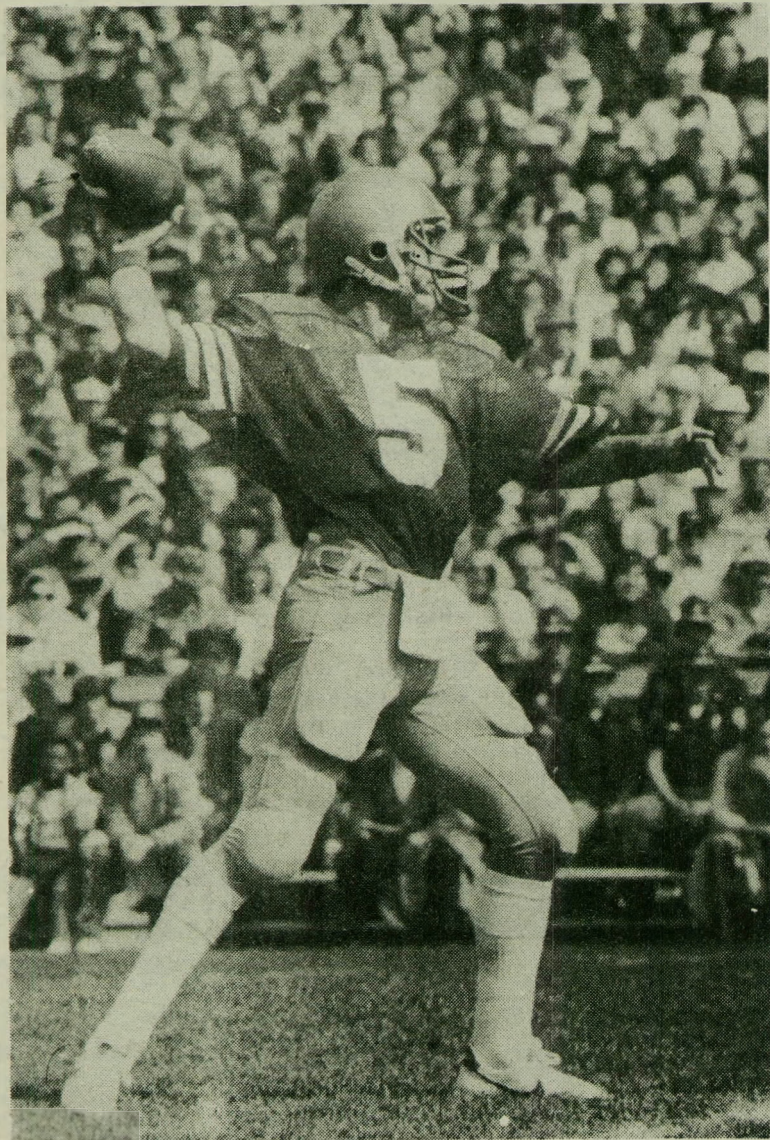


Get a Jump on Thanksgiving ...

## Senior Bar

Wild Turkey Nite  
at Sr. Bar  
this Thursday  
open 9:30 - 2:00





## Kiel doubtful

Notre Dame sore-armed quarterback Blair Kiel is doubtful for Saturday's game at Air Force. Kiel injured the arm in the Pitt game, and was unable to throw more than one pass last week against Penn State. ND's bowl chances are equally doubtful, according to Chris Needles' article at right. (Photo by Pete Laches)

## Fiesta doubtful ND bowl list has Bluebonnet on it

By CHRIS NEEDLES  
Sports Editor

If you were to believe the rumors that are flying around campus, Notre Dame will be playing in the Orange Bowl, the Cotton Bowl, the Fiesta Bowl and sitting at home doing nothing on New Year's Day.

Amazing, isn't it? College football's bowl bids are officially extended Saturday 6 p.m. EST, and as usual the yearly guessing game has begun. As always, the Irish are right in the middle of the rumor mill, and are supposedly targeted for every bowl this side of the Garden State.

The truth is, last Saturday's 24-14 loss to Penn State effectively killed Notre Dame's chances for the Sugar Bowl, and probably every other January 1 bowl (Cotton, Orange and Fiesta).

So, just where, if anyplace, will the Irish go for post-season action?

"We had been invited to several bowls," said Athletic Director Gene Corrigan yesterday. "But they all wanted acceptances in advance, whether or not we win Saturday (at Air Force). And we don't want to send the team to a bowl if we lose this week. We have to win to deserve a bid."

It's no secret that deals are made prior to the Saturday announcements, as bowl officials scramble to fill their slots with "name" teams. And it looks like Notre Dame, by choosing not to make a commitment beforehand, may lose out on a major bowl bid.

"We had been looking at the Gator and the Fiesta," said Corrigan, "but they both wanted firm commitments in advance. Everybody panics and they (bowl officials) get on the phone and try to make deals.

"The major bowls are pretty

much all closed out by now. They all have a lot at stake, and that's why they panic."

So where does that leave the Irish? "About the only bowl left for us, as it looks, is the Bluebonnet," said Corrigan. "We would play the Arkansas-SMU loser, which would be a Top Ten team. We're presenting the details to Father (Theodore) Hesburgh (University president), and he'll make the decision."

The question is, would Notre Dame deign to play in a so-called "minor bowl?"

"The Jan. 1 bowls are what you would call 'profit bowls,'" said Corrigan. "That is, you make more than enough money to cover your expenses. The others are called 'expense bowls,' because you only make enough to cover your expenses. We have to see if it is worth it for us to go to an expense bowl."

Through various sources, *The Observer* has compiled the tentative major bowl pairings:

•**Sugar Bowl** — No. 3 Penn State vs. Southeastern Conference champion (No. 1 Georgia). Notre Dame was ticketed here if it had defeated the Lions last Saturday.

•**Orange Bowl** — Winner of Saturday's Florida State-Louisiana State game vs. Big Eight Champion (probably Nebraska). Rumors say

that the Irish still have a chance here, especially if FSU loses, in order to draw fans and ratings for this bowl, which goes head-to-head with the Sugar Bowl New Year's night.

•**Cotton Bowl** — Southwest Conference champion (No. 2 SMU or No. 9 Arkansas) vs. No. 6 Pitt.

•**Fiesta Bowl** — No. 8 Arizona State vs. Big Eight runner-up (probably No. 14 Oklahoma). Notre Dame had this one for the taking, but either did not want to make the advance commitment, did not want to break an NCAA rule forbidding the acceptance of a bid in advance, or perhaps wanted to hold out for a better offer.

•**Rose Bowl** — Big Ten champion (No. 13 Michigan) vs. Pac-Ten champion (probably No. 5 Washington).

•**Gator Bowl** — No. 16 West Virginia vs. the FSU-LSU loser. The Irish definitely cannot take this bowl, played on Dec. 27, because of lack of practice time caused by final exams, which last until Dec. 23.

Corrigan cautions, however, that anything can happen between now and Saturday. "Some (bowls) have made commitments," he said, "but all sorts of things can happen. Pitt can lose to Rutgers (this week), somebody might change their mind... You never know."

## Metzler leads Irish icers into Tech series

By STEVEN LABATE  
Sports Writer

When time had expired on the third period clock at the University of Illinois-Chicago Pavilion last Friday night, the Notre Dame hockey team had lost by nine goals, 11-2. Head Coach Lefty Smith assessed it as "the most frustrating loss of my career."

Midway through the second period the next evening, the Irish were doing a little better — they trailed Illinois-Chicago by only three goals, 4-1. Two scores before the second intermission pulled the Irish to within one going into the third period.

Notre Dame lit the lamp twice in the final session, both times by the man, Kirt Bjork, who has been providing clutch goals for Notre Dame since he arrived on the scene in 1979.

But the man who assisted on the tying and game-winning tallies, Mike Metzler, is a relative newcomer to late game heroics.

Metzler, all told, had three assists last weekend, and along with Bjork, were the only bright spots in what were otherwise very dismal and forgettable Irish performances.

"Bjork was breaking down the wing on the last two assists," says Metzler. "I spotted him breaking and fed him. He (Bjork) did all the rest. He put them away."

Metzler (5-11, 175 pounds) is a junior right wing hailing from Niagara Falls, N.Y. He impressed Smith in freshman tryouts two years ago and made the team as a walk-on.

"Mike came to us without us even knowing anything about him," says Smith. "Niagara Falls is not a hotbed for high school hockey talent. He's got an excellent attitude and a nasty shot."

"Mike's biggest asset is his scoring ability. His drawbacks are his speed and quickness, but he has worked hard at improving them and has gotten better."

His freshmen season, Metzler played sparingly due to a thigh in-

jury incurred during Christmas break action. The misfortune sidelined him until the final weekend of the season.

"It was disappointing," says the New Yorker. "Just when I was about to play (on a more regular basis), I got hurt."

Last season, his sophomore year, saw Metzler play in only 10 games. When injuries kept Bjork, Mark Doman and Jeff Perry out of the lineup, Metzler was called on each time to substitute for them. He made the most of his limited icetime by scoring four goals and tallying one assist.

"I was kind of itchy with my playing time," says Metzler. "When I did play, I scored, and I felt I played pretty well. It was the coach's thought that it would be to the benefit of the team if the other guys (older players) would play more."

Presently Metzler is tied for second in scoring on the team with three goals and five assists for eight points. He credits his success to being able to play with Bjork, John Deasey and Steve Bianchi.

Metzler sees his role on the team as a scorer. "I don't see myself changing much from being a scorer to being a playmaker," he says. "I've always had the confidence that I could score and feed people."

That's just what Metzler and his teammates will have to do this weekend if they entertain any thoughts of beating visiting Michigan Tech.

Tomorrow and Saturday night the Irish will play host to the Huskies of Michigan Tech, who have vaulted out of the CCHA basement into a three-way tie for second place because of six straight victories. They are 6-2 in the CCHA and 6-4 overall.

Last weekend, the Huskies swept a pair from the Wolverines of Michigan, and in doing so scored 18 goals.

Head Coach Jim Nahrang is in his first season at Tech. He stepped in following John McInness' retirement after 25 years of coaching be-

See METZLER, page 8

## MSU wins, he loses

# 'Muddy' Waters sings the blues

It was a sad week for Bottom Ten devotees. One of the most beloved losers in college football got the axe. Sorry, folks, but we won't have Frank "Muddy" Waters to kick around any more.

The legendary Michigan State coach is singing a sad song this week, and — if he's smart — looking for a job in another business. Already, though, the people in East Lansing may be longing for the good ol' days.

See, it was just last week that five of the schools top athletic department boosters announced publicly that they would donate no more money to the school unless MSU's president, athletic director and Waters were fired.

Fools. The Spartans promptly went out and won a game. A conference game, no less. That'll teach 'em. It won't be long before Spartan fans beg the Mud Man to return.

Elsewhere in the state, things were a little happier. Eastern Michigan, recently the team with the longest losing streak in Division I, got back on the losing track this week. The Hurons dropped a hard-fought 7-24 game to Bowling Green.

The Bottom Ten voters were furious this week when news leaked out of Saratoga Springs, N.Y., that a Bottom Ten Hall of Fame nickname had been changed. Like the mysterious manner in which news of the Afghanistan tunnel tragedy was uncovered, this news, too, travelled slowly.

For years, the Skidmore College teams have been among the favorites of ballot-casters. But no more. The school now goes by the nickname Thoroughbreds, which is dull and boring compared to the old monicker.

Sad but true, Skidmore teams will never again be called "The Wombats." There was an epic battle in the Midwest Athletic Conference last Saturday. The Kent State Golden Flashes went down to the wire before pulling out a miraculous 0-3 defeat against Toledo.

Fans in Kent, Ohio, were understandably whelmed. A tip of the Bottom Ten chapeau goes to Kentucky State this week. K.S.U. was awarded the coveted George Custer "We ain't dead yet" Award after gaining minus 12 yards in total yardage against Eastern Illinois.

## Tony Clements Dave Roberts



### Bottom Ten

For those curious, Kentucky State lost that game — a real squeaker — 0-73.

Alabama gets an award this week, as well. The Fighting Elephants have slipped a great deal, and are making a real bid for a spot in the Bottom Ten. They are so bad, they lost this week in Tuscaloosa. That's twice in 19 years they've lost there.

It's a wonder they sell any tickets. Bear Bryant and the boys proudly accepted the Patrick Henry "Give me Liberty or give me Garden State, but give me something" Award after losing to Southern Mississippi.

Here are the rankings for this week:

- 1) Rice (0-10)
- 2) Kent State (0-10)
- 3) Richmond (0-10)
- 4) Memphis State (0-9)
- 5) Texas Southern (0-9-1)
- 6) Kentucky (0-9-1)
- 7) Oregon (0-8-1)
- 8) Oregon State (0-8-1)
- 9) Eastern Michigan (1-9)
- 10) Texas-El Paso (1-8)

Also receiving votes:  
Russia (1-0)  
NASA space suits (0-2)  
NFL fans (0-57)

Quote of the Week:  
Michigan Coach Bo Schembechler — whose teams have lost their last game of the season in 13 of the last 15 years — on next week's game with Ohio State: "I don't have anything to prove next week."