BEIRUT, Lebanon — U.S. naval guns hammered away at Druse encampments in the mountains yesterday, and for the first time a U.S. official said the fighting was in support of the Lebanese army's defense of Souk el-Gharb.

The government's Radio Beirut reported that fighting raged into the night in the mountain town overlooking the Lebanon capital. An army communique said a Lebanese military reconnaissance plane crashed near the Druse mountain town of Aley "and the fate of the two pilots is unknown."

It was the third in 16 days of renewed civil war that U.S. ships have opened fire and the first time since Syria warned Sunday that its troops in Lebanon would fire back if attacked by American ground, air or sea forces.

Druse spokesmen in Beirut claimed the American shells landed in a mountain town of a Druse stronghold and an undetermined number of civilians were killed. But U.S. officials insisted the guns were firing at military positions.

Israeli Druse leaders protested to U.S. Ambassador Samuel Lewis in Tel Aviv, claiming Washington was supporting the Christian Phalangists against the Druse in the fighting. The Druse sect is an offshoot of Islam.

French Foreign Minister Claude Cheysson, whose government has troops in the multinational force in Beirut, also criticized American military intervention in the civil war. He said he did not believe that the U.S. action, particularly the naval shelling, "is the best method to achieve" a settlement.

The destroyer John Rodgers and the guided missile cruiser Virginia fired repeated barrages in the morning and again in the afternoon as the U.S.-trained Lebanese Army's 8th Brigade fought with Druse and Palestinian guerrillas attacking Souk el-Gharb, the mountain-top town nine miles southeast of Beirut that overlooks the U.S. marine base at the Beirut airport.

The naval gunfire support was conducted on military targets threatening the Lebanese armed forces defending Souk el-Gharb," said U.S. Embassy spokesman John Stewart. Successful Lebanese armed forces defense of the area is vital to the safety of U.S. personnel, including the U.S. multinational forces, other U.S. military and the U.S. diplomatic corps personnel.

The government's Radio Beirut also reported that fighting raged into the night in the mountain town of Aley, and the fate of the two pilots is still unknown. It was the third time in the 16 days of renewed civil war that U.S. ships have opened fire and the first time since Syria warned Sunday that its troops in Lebanon would fire back if attacked by American ground, air or sea forces.

Druse spokesmen in Beirut claimed the American shells landed in a mountain town of a Druse stronghold and an undetermined number of civilians were killed. But U.S. officials insisted the guns were firing at military positions.

Israeli Druse leaders protested to U.S. Ambassador Samuel Lewis in Tel Aviv, claiming Washington was supporting the Christian Phalangists against the Druse in the fighting. The Druse sect is an offshoot of Islam.

French Foreign Minister Claude Cheysson, whose government has troops in the multinational force in Beirut, also criticized American military intervention in the civil war. He said he did not believe that the U.S. action, particularly the naval shelling, "is the best method to achieve" a settlement.

The destroyer John Rodgers and the guided missile cruiser Virginia fired repeated barrages in the morning and again in the afternoon as the U.S.-trained Lebanese Army's 8th Brigade fought with Druse and Palestinian guerrillas attacking Souk el-Gharb, the mountain-top town nine miles southeast of Beirut that overlooks the U.S. marine base at the Beirut airport.

The naval gunfire support was conducted on military targets threatening the Lebanese armed forces defending Souk el-Gharb," said U.S. Embassy spokesman John Stewart. Successful Lebanese armed forces defense of the area is vital to the safety of U.S. personnel, including the U.S. multinational forces, other U.S. military and the U.S. diplomatic corps personnel.

The government's Radio Beirut also reported that fighting raged into the night in the mountain town of Aley, and the fate of the two pilots is still unknown. It was the third time in the 16 days of renewed civil war that U.S. ships have opened fire and the first time since Syria warned Sunday that its troops in Lebanon would fire back if attacked by American ground, air or sea forces.

Druse spokesmen in Beirut claimed the American shells landed in a mountain town of a Druse stronghold and an undetermined number of civilians were killed. But U.S. officials insisted the guns were firing at military positions.

Israeli Druse leaders protested to U.S. Ambassador Samuel Lewis in Tel Aviv, claiming Washington was supporting the Christian Phalangists against the Druse in the fighting. The Druse sect is an offshoot of Islam.

French Foreign Minister Claude Cheysson, whose government has troops in the multinational force in Beirut, also criticized American military intervention in the civil war. He said he did not believe that the U.S. action, particularly the naval shelling, "is the best method to achieve" a settlement.

The destroyer John Rodgers and the guided missile cruiser Virginia fired repeated barrages in the morning and again in the afternoon as the U.S.-trained Lebanese Army's 8th Brigade fought with Druse and Palestinian guerrillas attacking Souk el-Gharb, the mountain-top town nine miles southeast of Beirut that overlooks the U.S. marine base at the Beirut airport.

The naval gunfire support was conducted on military targets threatening the Lebanese armed forces defending Souk el-Gharb," said U.S. Embassy spokesman John Stewart. Successful Lebanese armed forces defense of the area is vital to the safety of U.S. personnel, including the U.S. multinational forces, other U.S. military and the U.S. diplomatic corps personnel.
The Observer

In Brief

A man charged with arson in the bombing of a hotel owned by followers of an Indian guru was transferred to a regular hospital from one being released from custody by the government. Stephen P. Pater, 34, of Los Angeles, who had been held in the hospital's securities ward, suffered injuries to his arms, face and torso in the July 29 blast at the Hotel Rajneesh in Portland. He is to undergo more surgery. Scot Rokoskey, spokesman for the Portland Adventist Medi-cal center, said a woman who identified herself at his wife, LCD C. Pater, posted bond and delivered a statement to T. Oregonian. The newspaper reported that the statement was critical of the follow­ers of guru Bhagwan Shree Rajneesh. No details were given. — AP

A teachers union filed a grievance to help find a job for Paul W. Latalle, who spent six months in jail for failure to pay alimony to his former wife. Latalle, 51, was jailed in March on a contempt citation when he decided not to give his former wife $1,900 in support payments. The sixth-grade teacher asked for three months of unpaid leave but was given the whole school year, leaving him jobless. When he was released Sept. 8 after his wife's lawyer tapped his pension fund. Union spokesman James Bryce said the grievance filed last week protests school officials' refusal to shorten the leave and give Latalle a recent vacancy. Superintendent

The largest river-crossing in NATO history was begun in Wassau in the Netherlands here today, almost 59 years to the day after the Allied river-crossing disaster near Arnhem during World War II. U.S., British and Dutch units built bridges and platoons in more than 500 tanks across the Maas and Rhine Rivers. The three-day crossing is part of 'Autumn Forge,' a $40 million exercise involving more than 250,000 NATO troops in Western Europe. The crossing is taking place near Arnhem, the scene of an abortive wartime thrust by British and American forces on Sept. 17, 1944. During that operation, British paratroopers seized the Arnhem bridge over the Rhine. But they were cut off and massacred by German forces before Allied ground troops could arrive. — AP

Urban Plunge half representatives met last night to finalize plans for dorm publicity and application distribution for this fall. Hall representatives will be available for questions regarding the leaving and give Lataille a recent vacancy. Superintendent

Saint Mary's Cushwa-Leighton Library has extended its hours on an experimental basis. The library is now open until midnight, allowing students an extra hour of studying time to midnight on Sunday. — The Observer

The Observer

“In the autobiography of Miss Jane Pittman” will be shown tonight and tomorrow at 7 p.m. in the Center for Social Concerns. The movie documents the fictional life of a black woman from her childhood as a slave to the age of 110. Professor Wright and professor of Government and International Studies and director of Black Studies, will lead a discussion after the film. Professor Kenneth Weigert and Pipes Griffin, a senior and a representative from the Black Cultural Arts Council, will lead tomorrow’s discussion. — The Observer

The New World Hunger Coalition would like to thank those students who pledged to fast during the Wednesday lunch. The Coalition would also like to remind those students that the Fast begins tomorrow. A Mass at 12:10 p.m. in the Sacred Heart Crypt will begin the fasting program. All are welcome. — The Observer

Weather

An 80 percent chance of thunderstorms and showers, windy and turning cooler today. High in upper '70s and low '60s. Much cooler and breezy tonight with a 20 percent chance of early showers. Low in mid and upper '40s. Cloudy and very cool tomorrow with chance of showers. High in upper '60s and low '50s.

Save the Dome

Margaret Fosmoe Managing Editor

Inside Tuesday

Colorful stories describing the door to the upper balcony and the Dome itself have become a part of campus folklore. These stories are true. That door found on the fifth floor is made of solid oak, plated with steel, and secured with an iron bar, three massive locks and an alarm system. The insurance policy allows only workmen above the fifth floor. That hasn't stopped the truly adventurous, however. Additional graffiti marred the upper balcony is much more visible from the top floor. Also, visible, are massive cracks in the four door frames on the balcony. And the deterioration of the paint on the upper walls lends a shabby air to the Center of Notre Dame.

Lungi Gregori, the artist who painted the Administration Building murals and maintained his studio on the fifth floor, would probably drop over in his palate if he saw the condition of his former home. The Dome is recognized around the world as the symbol of Notre Dame. For few and fewer people, however, realize the delapidated condition of the building’s interior. Once the very heart of Notre Dame, the Administration Building is being allowed to fall to pieces. The Dome should be the pride and showplace of the University Students who have secretly dreamed of living in the shadow of the Dome since age four should not be reduced to midnight meanderings.

It is ironic that students who work all their lives to make it to the Dome are forbidden to get within two floors of it. The decay of the Administration Building started long ago. In 1959, a Scholastic writer wrote a satirical piece titled “The Decline and Fall of the Main Building.” Things have gotten worse since then. We should not be content to let it continue deteriorating. Remember the fate of the Old Fieldhouse. If you happen to notice a slight change in the figure atop the Dome soon, it will probably be a downward tilt due to deterioration. It is ironic that students who work all their lives to make it to the Dome are forbidden to get within two floors of it.

The Dome is recognized around the world as the symbol of Notre Dame. For few and fewer people, however, realize the delapidated condition of the building’s interior. Once the very heart of Notre Dame, the Administration Building is being allowed to fall to pieces. The Dome should be the pride and showplace of the University Students who have secretly dreamed of living in the shadow of the Dome since age four should not be reduced to midnight meanderings.

It is ironic that students who work all their lives to make it to the Dome are forbidden to get within two floors of it. The decay of the Administration Building started long ago. In 1959, a Scholastic writer wrote a satirical piece titled “The Decline and Fall of the Main Building.” Things have gotten worse since then. We should not be content to let it continue deteriorating. Remember the fate of the Old Fieldhouse. If you happen to notice a slight change in the figure atop the Dome soon, it will probably be a downward tilt due to deterioration. It is ironic that students who work all their lives to make it to the Dome are forbidden to get within two floors of it.

ARTS AND LETTERS BUSINESS SOCIETY

Organizational Meeting

TONIGHT

Tuesday, Sept. 20, 7:00 pm

124 Hayes—Healey

Meeting for all those interested in working

TECHNICAL STAFF for

FIDDLER ON THE ROOF — A Student Players Production

Wednesday, 8:00 — 9:30 pm

Little Theatre in LaFortune
Loux named Dean of Arts and Letters

By TRIPP BALTZ

Professor Michael J. Loux, former chairman of the philosophy department, was named Dean of the College of Arts and Letters over the summer.

Michael Loux

Dean Loux described his new job as “very tough, a full-time position.”

“Dean Loux described his new job as ‘very tough, a full-time position.’”

Loux intends not to teach any philosophy courses this year. He plans to look further into the future to teach one course per year.

Loux agreed to see any changes that should be made in the Arts and Letters Program.

“I do look forward to seeing any changes that should be made in the Arts and Letters Program,” Loux said.

One associate dean has already been appointed to the program this year.

Nathan O. Hatch and Roger B. Murken will assist Loux in determining the need for any changes or new programs.

With their assistance, Loux will be able to better monitor programs in the college.

Loux’s main objective this year will be to revitalize the image of the College of Arts and Letters. He believes that in recent years an intensely career-oriented attitude among students has caused a decline in the number of students in the College of Arts and Letters.

Many students and their parents believe, he says, are worried about the availability of jobs, and thus are more supportive of a professional major than of a liberal arts program.

Loux believes that this attitude has changed and that many businesses actually prefer a liberal arts background.

Family bludgeoned to death; two-year-old daughter survives

Associated Press

FORT WAYNE, Ind. — The bludgeoning deaths of the Fort Wayne News-Sentinel’s editorial page editor, his wife and 11-year-old son were described as “brutal, sadistic slaughter” yesterday by Al Ahlbrand, a Quaker, and former president of Earlham College.

The victim’s names were Dan Osborne, 35, who joined The News-Sentinel in April, his wife, Jane, and their son.

His 2-year-old daughter was found alive in the home yesterday morning after spending more than 48 hours with her dead parents and brother.

Ahlbrand said the victims were attacked in their sleep and that 2-year-old Caroline underwent surgery for injuries last night.

“This girl was raped, a 2 year-old, to the extent that she required surgical repair,” said a police source who asked not to be identified. He added that the child was in satisfactory condition last night at Lutheran Hospital at Fort Wayne.

Ahlbrand told reporters after completing an autopsy on Osborne and preliminary post-mortems on the other victims, that all three were bludgeoned to death.

“All three appeared to have died from severe head injuries from a blunt instrument such as a bat,” he said.

“This was a brutal, sadistic slaughter. The word that comes to mind is bizarre. This was a nice home in a nice area of town, and inside there were three people dead — dead for a number of hours.”

The coroner said the slayings occurred sometime Friday evening.

Engle said there was no evidence of a forced entry or any signs of robbery at the two story brick home on the city’s southwest side. Anyone who entered was either led in or came in through a locked door, he said.

“We have every indication that there was nothing stolen,” said Engle, adding that items such as small television sets, jewelry and money were visible around the house.

Osborne was found clad in shorts and a T-shirt, lying on his back in an upstairs bedroom with bedclothes pulled up to his knees, Ahlbrand said. Beside him in the bed was the family’s dog, which also had been bludgeoned to death. He said the bed was covered with blood from the man and the dog.

On the floor at the foot of the bed was a son, in a zipped up sleeping bag. He was clad in shorts and a T-shirt. His 2-year-old daughter was found alive in the home yesterday morning after spending more than 48 hours with her dead parents and brother.

Ahlbrand said the victims were attacked in their sleep and that 2-year-old Caroline underwent surgery for injuries last night.

“It looked like she was injured and tried to get away,” Ahlbrand said. “Blood was everywhere, and her right hand was pulled up to her waist.”

“Toward the end of her room, playing with her toys. It appeared she had gone to the refrigerator to get food,” Engle said.

The girl had been wandering around the house and may have disturbed one or more of the bodies trying to awaken family members, Engle said.

“It’s at best confusing,” said Ahlbrand, noting that all the victims and the dog had died probably, and the mother and son had moved about after they were attacked.

“We were bludgeoned to death. There was blood in areas where it was difficult to say how it got there.”

Ahlbrand said he expected to complete the autopsies by today.

“Toward the end of her room, playing with her toys. It appeared she had gone to the refrigerator to get food,” Engle said.

“We are not looking for threats that had been received by Osborne or the newspaper,” Spencer said Osborne was to have reported to work at 7 a.m. yesterday. When he didn’t show up, his immediate supervisor, Associate Editor T. Craig Ludwig, went to the house.

“I saw both cars in the driveway. I went up and knocked on the door and heard no dog barking, That was enough for me to call police,” Ludwig said.

Ludwig, who said he was Osborne’s friend for about six years, described him as an unflawed, candid, steady editor. “He was kind of a man for whom anything was possible,” University Provost Timothy O’Meara said that Notre Dame will make the institute and academy “more independent” of University control.

Founded by Healy in 1972, the ecumenical in- stitute remains structurally independent of the University, though Healy’s fund-raising efforts continue to supply approximately 90 percent of the institute’s financial resources.

Engle said there was no evidence of a forced entry or any signs of robbery at the two story brick home on the city’s southwest side. Anyone who entered was either led in or came in through a locked door, he said.

“Toward the end of her room, playing with her toys. It appeared she had gone to the refrigerator to get food,” Engle said.

“We are not looking for threats that had been received by Osborne or the newspaper,” Spencer said Osborne was to have reported to work at 7 a.m. yesterday. When he didn’t show up, his immediate supervisor, Associate Editor T. Craig Ludwig, went to the house.

“I saw both cars in the driveway. I went up and knocked on the door and heard no dog barking, That was enough for me to call police,” Ludwig said.

Ludwig, who said he was Osborne’s friend for about six years, described him as an unflawed, candid, steady editor. “He was kind of a man for whom anything was possible,” University Provost Timothy O’Meara said that Notre Dame will make the institute and academy “more independent” of University control.

Founded by Healy in 1972, the ecumenical in- stitute remains structurally independent of the University, though Healy’s fund-raising efforts continue to supply approximately 90 percent of the institute’s financial resources.

Engle said there was no evidence of a forced entry or any signs of robbery at the two story brick home on the city’s southwest side. Anyone who entered was either led in or came in through a locked door, he said.

“Toward the end of her room, playing with her toys. It appeared she had gone to the refrigerator to get food,” Engle said.

“We are not looking for threats that had been received by Osborne or the newspaper,” Spencer said Osborne was to have reported to work at 7 a.m. yesterday. When he didn’t show up, his immediate supervisor, Associate Editor T. Craig Ludwig, went to the house.

“I saw both cars in the driveway. I went up and knocked on the door and heard no dog barking, That was enough for me to call police,” Ludwig said.

Ludwig, who said he was Osborne’s friend for about six years, described him as an unflawed, candid, steady editor. “He was kind of a man for whom anything was possible,” University Provost Timothy O’Meara said that Notre Dame will make the institute and academy “more independent” of University control.

Founded by Healy in 1972, the ecumenical in- stitute remains structurally independent of the University, though Healy’s fund-raising efforts continue to supply approximately 90 percent of the institute’s financial resources.

Engle said there was no evidence of a forced entry or any signs of robbery at the two story brick home on the city’s southwest side. Anyone who entered was either led in or came in through a locked door, he said.

“Toward the end of her room, playing with her toys. It appeared she had gone to the refrigerator to get food,” Engle said.

“We are not looking for threats that had been received by Osborne or the newspaper,” Spencer said Osborne was to have reported to work at 7 a.m. yesterday. When he didn’t show up, his immediate supervisor, Associate Editor T. Craig Ludwig, went to the house.

“I saw both cars in the driveway. I went up and knocked on the door and heard no dog barking, That was enough for me to call police,” Ludwig said.

Ludwig, who said he was Osborne’s friend for about six years, described him as an unflawed, candid, steady editor. “He was kind of a man for whom anything was possible,” University Provost Timothy O’Meara said that Notre Dame will make the institute and academy “more independent” of University control.

Founded by Healy in 1972, the ecumenical in- stitute remains structurally independent of the University, though Healy’s fund-raising efforts continue to supply approximately 90 percent of the institute’s financial resources.

Engle said there was no evidence of a forced entry or any signs of robbery at the two story brick home on the city’s southwest side. Anyone who entered was either led in or came in through a locked door, he said.

“Toward the end of her room, playing with her toys. It appeared she had gone to the refrigerator to get food,” Engle said.
Water safety course helps Notre Dame soph save child's life

By STEVE GASTA

While most students were enjoying their first few weeks of summer, hunkering in the sun, Notre Dame sophomore Jack Considine was busy saving a young boy's life.

On June 2, Considine was in the water at a local beach in the community of Avon, Indiana, when he noticed a boy in distress in the water. Considine, who was one of several Notre Dame students and U.S. military personnel who were in the area for a recreational weekend, immediately went into action.

"I saw the boy struggling in the water," Considine said. "I immediately swam over to him and realized that he was not breathing."

Considine, who is a member of the Notre Dame water polo team, immediately began CPR on the boy and administered mouth-to-mouth resuscitation until he was able to restore the boy's breathing.

"It was a natural reaction," Considine said. "I immediately knew what to do."

Considine's quick thinking and actions saved the life of the young boy, who was pronounced dead by medical personnel at the scene. Considine was later presented with a commendation for his heroism by the Department of Veterans Affairs.

"I am proud to have saved a life," Considine said. "I was just doing what anyone would do in a situation like that."
Shamir almost certain to succeed
Begin after NRP gives support

Associated Press

Soviet Union would repeat attack
on airliner, ND professor says

BY KEITH HARRISON

The Soviet Union would repeat the destruction of an airliner if the same situation arose again, said Dr. George Brinkley, director of Soviet and East European Studies at Notre Dame.

Brinkley believes the decision to destroy the Korean airliner was made at the last moment. Soviet military officials have been reprimanded recently for being too soft on cases similar to the Korean airliner incident, in which forged planes violate Soviet airspace.

The airliner apparently fell over Soviet airspace for two hours before it was attacked. Brinkley believes the Soviets now fear that their response to protest may be seen by the United States as a sign of military weakness. It is for this reason that Brinkley believes the Soviets would welcome another chance to show their strength.

Brinkley believes that unilateral disarmament is "a bad mistake." The Soviets are "extremely vulnerable to temptation," he said. If the U.S. were to do away with a large portion of their nuclear weapons, Brinkley said, the Soviets would be more inclined to use a provocative act in acts of military aggression.

Dr. Brinkley's lecture was sponsored by Ground Zero, an organization designed to educate the student body on disarmament issues. Ground Zero will be showing a videotape on nuclear war this Thursday at 9 p.m. in the Center for Social Concerns.

Nazis intended to create 'Museum of the Extint Race' after conquest

Associated Press

WASHINGTON — The Nazis intended to create a 'Museum of the Extinct Race' after their conquest of Europe, so they ordered the eight workers of the State Jewish Museum in Prague to assemble a vast collection of the cultural heritage of the Jews.

As the Germans systematically sent Jews to concentration camps, trains carrying artistic works of Jewish culture — religious items and secular, prayer scrolls and kitchen utensils — arrived in Prague, where the Jewish curators labored to catalogue them, hoping to preserve relics of a culture that they, too, thought was doomed.

After 15 years of negotiations, the Czech government has agreed to allow about 150 of those relics to go on display outside of Prague for the first time.

The exhibition will visit Washington, Miami Beach, Fla., New York, San Diego, Detroit and Hartford, Conn., in a 22-month tour arranged by the Smithsonian Institute Traveling Exhibition Service.

At a news conference Monday, officials told the story behind the collection.

"Only paradoxically did the Nazis become the overseers of a project that resulted in one of the world's greatest collections of Jewish art," said project director Anna Cohn.

The germ of the project began in 1940, when Hitler ordered the creation in Frankfurt of something called the Mobile Schule, or Academy, that was to be the center of Nazi doctrine and education.

We Want You! Counseline

The Counseling and Psychological Services Center here at Notre Dame is looking for volunteers to work on our Counseline, a free confidential telephone service offering professionally taped materials covering a variety of student concerns, issues, and everyday problems.

If you are interested in volunteering for Counseline, please call our Center at:

239-7336

Interested in Taking a Class in Ballroom Dancing?

Wednesday, September 21, will be the first lesson of a five week ballroom dance class that will be held on Saint Mary's Campus in the REGINA HALL BASEMENT from 6:30-8:00 p.m.

This class will be taught by Ray Sexton from Indiacapolis and total cost is only $25 for five weeks.

If you would like to join this class, you can register at the first lesson.

This offer is limited to Notre Dame and Saint Mary's Students Only.

The Observer

Tuesday, September 20, 1983 — page 5

Miss America 1984 Vanessa Williams of Millwood, N.Y. smiles for the cameras as she appears on NBC's Today Show yesterday. She is sitting in front of a photo taken of her Saturday night as the announcement was made that she had won the pageant.

UNITED NATIONS — The Soviet Union yesterday questioned the fitness of the U.S. to host the United Nations, and the American delegate replied that the United States will not stand in the way if the membership wants to move the headquarters.

"The members of the U.S. Mission will be down at the docks waving you farewell as you sail into the sunset," Charles M. Liebstein told foreign colleagues on the U.N. Host Country Relations Committee on the eve of the 38th annual General Assembly session.

"We will put no impediments in your way." The United States has been the United Nations' host since 1945 and contributes a quarter of its annual budget of about $750 million. Liebstein was responding to remarks by Igor Yakovlev, a Soviet U.N. mission delegate, who had just accused American authorities of "actions which have made it impossible for the head of the Soviet delegation to come take part" in the General Assembly session, which lasts for about three months.

Soviet Foreign Minister Andrei A. Gromyko has headed the Soviet assembly delegation annually since 1955. But Gromyko's government has scrapped his trip this year because the governors of New Jersey and New York, upset over the Soviet destruction of a South Korean jetliner Sept. 1 with the loss of 269 lives, have forbidden Gromyko's plane to land at New York or Newark international airports. The facilities are closest to the U.N. headquarters in New York.

Yakovlev charged that the U.S. government and press were waging a coordinated propaganda campaign against his country. He said the case of against Yakovlev is not yet clear. To put labels on it would be premature.

The U.N. Secretariat said yesterday that 38 heads of state and government had sent word they would attend the assembly's opening session today. The number is second only to the 42 at the 1970 session, which celebrated the 25th anniversary of the United Nations Charter.

Despite Gromyko's absence, heads of state of two Soviet Allied Eastern European countries will attend — Pal Istocnic of Hungary and Henryk Jakobski of Poland. Also expected are two Third World leftist leaders — President Mengistu Haile Mariam of Ethiopia and Beni Bouterse of Surinam.

Indian Prime Minister Indira Gandhi will report on the non-aligned summit held in New Delhi last March. Most of the heads of state and government expected at the General Assembly session took part in that summit.

President Reagan, who attended the assembly's disarmament special session in 1981, will be the first speaker in the three-day annual policy debate opening next Monday.

Imer Hollai of Hungary, president of the 1982 General Assembly, will open the 1983 session this afternoon, and the assembly will vote on a new president. The candidates are David Hempner, U.N. ambassador from the Bahamas, and Jorge Enrique Jheuca, vice president of Panama.
Science Writer

The first aspect of his research involves testing the feasibility of using video discs to repair the courthouses in downtown South Bend. The limestone building is exhibiting outward signs of weathering.

In ordinary light the courthouse stone appears to be very slightly bleached in some areas, but under ultraviolet light, the area glows brightly. This fluorescence indicated the presence of hidden salt (Sodium Chloride) since sodium is released from the marble that glows when treated with fluorescent dye. The presence of salt in the sample showed the location and the extent of weathering in the stone.

Winkler recently spoke at an international symposium in West German about his work with ultraviolet luminescence. He feels that fluorescent dyes may be useful tools in order to study weathering patterns. The effects of weathering agents such as acid rain may be more easily studied using this technique. Many of the foreign minerals that fluoresce are indicators of the effects of acid rain.

The other aspect of Winkler’s research involves strengthening already weathered building materials. He has developed a solution in his lab which appears to recement or reinforce crumbling marble, limestone, and sandstone.

Winkler explains, “You can strengthen crumbling sandstone where the cementing material between the sand grains is becoming lost through the effects of weathering like acid rain.” The same process is effective with marble and limestone as well.

Winkler’s silica solution is easy to produce and is non-toxic. He estimates it only costs little cents a gallon to make in his lab. But his solution only strengthens certain natural building materials, and has no strengthening effect on man-made materials such as brick and cement.

He has also found that his solution discolors some samples when applied at certain concentrations. However, marble appears to be unaffected by the discoloration problem.

Winkler is currently testing his solution on the Field Museum in Chicago. Several years ago concern was raised over the crumbling marble columns at the Museum’s south entrance. Some of the museum staff had heard about Winkler’s work and requested his aid in preserving the weathered marble.

Two years ago he applied his silica solution to a section of one of the crumbling columns. The treated section seems to be holding up very well, and has shown very little further deterioration, compared with the untreated marble.

The Field Museum would eventually like to build up the marble columns to their original profile. This would involve the development of an artificial marble, an idea that Winkler thinks may be possible in the future. However, he has just started thinking about such possibilities, and says that nothing has yet been developed.

His research has shown that stone treated with his silica solution is eroded more by distilled water than it is by acidic solutions. This is significant since the problem of acid rain seems to be increasing.

Acid rain is a major factor in the weathering of building materials today. Acid rain is caused when substances such as carbon monoxide and sulfates are released into the atmosphere. Such substances tend to remain in the atmosphere until it rains. Then these substances react with the rain water to form acidic solutions.

Volcanic eruptions are one plentiful and natural source of the ingredients needed to form acid rain. Volcanic eruptions have been occurring throughout the Earth’s entire history. However, acid rain has been getting a lot of attention recently because it seems that the acid character of rain is becoming more pronounced.

One cause of is believed to be increased industrialization and pollution. Factories and automobiles are prime sources of the necessary ingredients of acid rain. Figures indicate that since the 1950s rain has become approximately ten times more acidic.

Winkler is presently conducting his research under two grants. He has a grant from Western Waterproofing and a grant from the Skaggs Foundation. These grants are for the purpose of studying the effects of weathering quantitatively.

---

Freshmen to evaluate videodisc technology

By KAREN INGWERSEN

Deep in the basement of the Fitzpatrick Hall of Engineering, seven students and two professors labor over a research project that could revolutionize education as we know it today.

Alvin Miller, professor of metalurgical engineering, and his associate, John Barsey, are developing an interactive videodisc system for use in the freshmen engineering course, EG 120. Miller believes that the disk, which they are working on, will be the forerunner of an entirely new form of education.

Miller feels that the tremendous demand for continuing education which is caused by the numerous career changes people go through will bring about an educational revolution. He believes the videodisc will be an important part of this revolution.

One of the benefits that Miller feels sets videodiscs apart from other educational devices is that they are truly individualized teaching tools. The videodisc teaches the student personally. If they do not understand the lesson, it can be reviewed at the touch of a button.

Through this approach the student can learn at his own pace. He can drill himself until he is unsure of his knowledge, or he can skip through sections which he understands.

What makes the videodisc even more individualized is the fact that it is truly interactive. Through the use of touch-sensitive screens, the student will be able to communicate his answer to the videodisc system itself. When a student touches the screen, he causes a short circuit between the two plastic grids that make up the touch-sensitive screen. This enables the system to “feel” what the student has touched on the screen.

Furthermore, the videodisc is a random-access machine which allows the student to skip to any part of the lesson at any time that he wants in less than one second.

Miller says that practical uses for these advances are already being researched by the military for use in replacing equipment while in the field. Other examples of practical uses include home instruction of welding or teaching students how to use expensive equipment without ever exposing them to the actual equipment.

Miller believes that Notre Dame is one of the leaders in the development of videodisc technology. Nebraska and Utah are the only other universities in the country that are working with videodiscs.

In addition, Notre Dame and MIT are the only universities in the country in possession of a rewriteable videodisc. This allows them to make their own videodiscs. Each videodisc has 60,000 frames which must be created one frame at a time. Because Notre Dame is creating their disc here on the campus, the students can keep up to date about the usefulness of individual sections of the disc.

Miller hopes to show his work to the students in this year’s class in order to determine the effect of the lessons. Then the sections can be rewritten to make them into more effective teaching tools without the tremendous expense of having a new machine.

Miller and Barsey hope that the videodisc will enable them to reach their goal of teaching freshmen engineers how to use computers and how to make computers a tool that works for them. Next fall the freshmen engineers will be learning the technologies of the future through the use of the educational means of tomorrow.

---

IRELAND PROGRAM

St. Patrick’s College, Maynooth, Ireland

IMPORTANT MEETING

Carroll Hall — Madeleva Building

Saint Mary’s Campus

Wednesday, September 21, 1983 6:30 pm

Slides will be shown and information given by students who were at St. Patrick’s in past years.

---

No tips, please

The precision of modern robotics is demonstrated by the ability of a robot arm to pour drinks. The performance was part of a robotics show held in Tokyo last week.

---

SENIORS planning to attend LAW SCHOOL

Professor Thomas Marullo will hold a 2-part Personal Statement Writing Workshop in the Memorial Library Auditorium:

MONDAY, SEPT. 19, 7:15 p.m.

TUESDAY, SEPT. 20, 7:00 p.m.

Each session will last approximately two hours.

Attendance is mandatory.

Sponsored by the Notre Dame Pre-Law Society
The “peace keeping” lessons of Lebanon

Mike McClory

The city of Lebanon, home to the University of Notre Dame du Lac, is the site of American military presence, an event that has drawn the attention of the world. However, the actions of American forces in Lebanon have been questioned by many, including Max Lerner, who writes in his column:

The gift of youth

Curiosity and inquisitiveness are two of the most easily observed trademarks of youth. Constantly asking why? and how? and wanting to know the reasons behind them are understandable. Americans too have a tendency to challenge the reasons, not the power brokers behind them, in the way that youth do. We are often more effective than the political guns America's diplomatic, economic, financial and political guns on them. Once the U.S. is in, the initial suspicion is, the initial suspicion will probably be the only way to bring about a change in the situation.

P. O. Box Q

Korean incident calls for reflection

Mike McClory states that "some students have pointed fingers towards Moscow and accused them of various crimes, while other students with their noses buried in bibles (that's me, I suppose, although I didn't know that I have more than one nose) have urged the only sinless to throw the first stone." McClory suggests that both kinds of students haven't really thought through the issue, and therefore he will do it for us. Mr. McClory, it is not pointless, as you suggest, to point out that a Soviet pilot did kill people, and it is not pointless to demonstrate against the killing, and likewise it is not pointless to point out that such an action should help us reflect upon our own deeds. Let me reverse Mike McClory's question: doesn't it make a point to say that the people of Africa are suffering and that we can do nothing about our own government. Can we! While Mike McClory thinks that a proper response to the Soviet's action is to stay out of politics, my suggestion would be to get involved in politics. Getting involved in political issues does not mean a one-sided in volvement.

The Observer

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 views of the administration of either institution. The news is reported on a regular and as objectively as possible. I urged editors to represent the opinion of a majority of the Editorial Board.

Directory

Editor-in-Chief: David Dendyk
Managing Editor: Margaret Fouque
Executive Editor: Bob Vonderheide
News Editor: Mark Warchef
Saint Mary's Editor: Scott Bower
Features Editor: Sarah Hamilton
Sports Editor: Mark Miotto

Business Manager: Daniel O'Hare
Controller: Alex Sills
Advertising Manager: Chris Owen
Compass Manager: Steven LeConte
Circulation Manager: Mark Miano
System Manager: Kevin Williams

The Observer
Box Q, Notre Dame, IN 46556
(219) 239-5803

Founded November 2, 1966
**Orioles widen lead over Tigers**

With one out, Wilson started the Mets' winning rally with a single off Ken Terrell. 5:49 p.m. and then tripled in the go-ahead run on a strong throw by catcher Tony Perez.

The Twins got one of those runs back in the top of the eighth inning, when the Chicago White Sox made it 4-1 in the bottom of the inning when Tom Paciorek raced into home plate on a wild pitch from reliever Carlos Diaz, 5:31 p.m.

The Twins got one of those runs back in the top of the eighth inning, when the Chicago White Sox made it 4-1 in the bottom of the inning when Tom Paciorek raced into home plate on a wild pitch from reliever Carlos Diaz, 5:31 p.m.

The Dodgers need one more win to clinch the National League West. The San Francisco Giants have clinched the NL West title.

**Mont. 3-6, St. L. 0-3**

MONTREAL (AP) — Pinch-hitter Terry Crowley single home Ar- gents Salazar from third base with none out in the eighth inning for his fourth run of the season, giving the Montreal Expos a 6-5 victory over the St. Louis Car- dinals and a sweep of their doubleheader last night.

In the opener, Bryan Smith tossed a five-hitter and Bryan Little and Tom Paciorek drove in Mookie Wilson with two runs in the ninth inning for the Mets' fourth straight win, 6-4.

**Bos. 5, N.Y. 3**

BOSTON (AP) — Dwight Evans, Jim Rice, and Glenn Hoffman belted home runs as the Boston Red Sox scored six runs in the fourth inning to beat the New York Yankees, 5-3.

**N.Y. 5, Pitt. 4**

NEW YORK (AP) — Hubie Brooks drove in Mike Willie with a single in the 10th inning to give the New York Mets a 5-4 victory last night.

The Mets came within an out of beating the Pirates a serious setback in their chase for the National League East title.

The loss, coupled with Philadel- phia's win over Chicago, dropped the Pirates two games behind the Phillies in the National League East.

The, lost, coupled with Philadel- phia's win over Chicago, dropped the Pirates two games behind the Phillies in the National League East.

**Los. Angeles 4, S.F. 2**

LOS ANGELES (AP) — Rookie defensive end Greg Townsend dashed 66 yards for a touchdown immediately after a pass interference penalty against Miami's Glenn Blackwood put the ball at the Dolphins' 2.

The Raiders made it 13-0 with just 2:29 remaining. Miami then scored two touchdowns in the final minutes to cut the lead to 14-7.

The Dolphins finally scored on a two-yard run by Don Shula to beat the Dolphins, 10-1.

**Florida 27, Ont. 54**

The Miami Dolphins 27-14 in the National Football League.

The Dolphins scored two touchdowns in the final minutes to cut the lead to 14-7.

The Dolphins finally scored on a two-yard run by Don Shula to beat the Dolphins, 10-1.

The Dolphins scored two touchdowns in the final minutes to cut the lead to 14-7.

The Dolphins finally scored on a two-yard run by Don Shula to beat the Dolphins, 10-1.
Baseball team seeks to build

By SEAN CALLAHAN
Sports Writer

The full edition of the '83-'84 Notre Dame baseball team will host Boston College in a doubleheader on Saturday and will play another twinbill Sunday against Valparaiso University.

Coach Larry Gallo, explaining that the fall season, unlike the spring, is merely exhibition, said, "We are not as a scrum for process tryouts and to see what we have for the spring."

Gallo had planned to make cuts after a scheduled doubleheader with Bradley University last Sunday but the schedule was not made up. The field was playable Sunday, but the game was canceled due to the forecast of rain and to prevent Bradley from travelling all the way for nothing.

The 45 players remaining on the team will be pared down to 30 or 25 after Bradley and his stuff watch this weekend's contests in addition to intra-squad games today and tomorrow.

Despite the fact that the full team has not been on the field for Gallo, he has chosen outfields Carl Vuono as team leader.

Although the fall season has no bearing on the Midwestern City Conference standings, Gallo is taking it seriously.

Beat the Buckeyes

Notre Dame outsmarts OSU

By DAVID ROOP
Sports Writer

Last Friday, the Ohio State cross country team tried to gain the upper hand on their Notre Dame opponents. When the gate went off, the OSU pack lead from the starting line, hoping to gain an early lead, while trying to "psych out" the Notre Dame runners.

Apparently, their tactic granted them their wish, five OSU runners battled Notre Dame's Tim Cannon for the lead with the remainder of the Notre Dame runners running in small groups behind them.

Notre Dame Coach Joe Plein explained, "Ohio State went out very hard, their attempt to control the race. But by three kilometers our guys had caught them and by four kilometers we were clearly in control."

To the dismay of the Ohio State team, the Notre Dame pack would not be denied. In other words, a fast start could not "psych out" a talented and mentally ready Notre Dame squad.

As the race progressed, Cannon wore down the leading Ohio State runners. Eventually all five would be broken by Notre Dame's captain and top returning runner.

Notre Dame seniors Ralph Caron and Ed Juba, running to gather at the three kilometer mark. Then, Courty dropped off the pace somewhat, while the remaining three surged to join Cannon.

".Experience across the board" plagued last year's spring squad, according to Gallo.

Last year's 19:28 record was Gallo's first losing season at Notre Dame had a pretty good fall," he said. He pointed out that the team had a disappointing spring, and a good fall season would boost the team's confidence.

"I'd like to look back and say, 'We after two winning years. Following his first two seasons, the Irish schedule became tougher, partially explaining last season's losing record.

Again this year Gallo has what he believes is a young team, despite the fact that five starters are returning.

Gallo said, "We've got a young pitching staff. We lost five pitchers last year."

In tune with Gallo's statements, Moran said, "We need a lot out of our pitchers this year."

One pitcher who the Irish will be counting on heavily is Mark Cernement, mainly because he has been statistically the best pitcher on the squad over the past two years.

"Mark is a steady performer," said Gallo. "He throws strikes, has good breaking pitches, and has his spots well."

In addition to the pitching, Gallo feels the Irish defense must improve. Two years ago the defense ranked tenth in the nation, but last year Irish fielding dropped considerably in the national rankings.

Another problem Gallo would like to correct is the habit of falling behind early in the game. He explained that his team did not steal many bases last year and played "station to station," because of their concern that they had fallen behind and were not in a position to gamble.

Tennis team wins three

By JERRY MELIA
Sports Writer

Many Notre Dame sports fans may have looked upon last weekend as a lost one with Michigan State's stunning win over the Irish football team and Bradley University losing one problem for the Irish with its failure to defeat their Ohio State football team.

Notre Dame seniors Ralph Caron and Ed Juba, running to gather at the three kilometer mark. Then, Courty dropped off the pace somewhat, while the remaining three surged to join Cannon.

Carl Vuono

In any case, the student body gets "excited" over a football team's success, and members of Notre Dame's tennis team were no exception.

On Saturday morning, the Irish took on a DePauw team which had been No. 9, lost to Tulane 34-28 and fell to 20th.

The final tally indicates Notre Dame's lead pack two years ago on the same course.

Even better, Notre Dame's top four are now at least a half-minute faster than the year before. The four runners were two years ago.

The final tally indicates Notre Dame's dominance over their Ohio State rivals. The DePauw team finished 5th at the Ohio State dual meet, which had been No. 9, lost to Tulane 54-28 and fell to 20th.

Sending the second pack of Notre Dame runners, freshman standout Mike Collins finished sixth at 25:12, followed closely by Jim Tyler, John Adams, and Craig Maxfield. It is noteworthy to mention that this second pack ran at times which are very comparable to the times of the top four runners in recent years.

The team would greatly appreciate some more fans for their next home meet, which is tomorrow against Boeing State.

By JERKY MELA

Sports Writer

Sports Writer

The Observer/Pics

Beat the Buckeyes

Notre Dame outsmarts OSU

By DAVID ROOP

Sports Writer

Last Friday, the Ohio State cross country team tried to gain the upper hand on their Notre Dame opponents. When the gate went off, the OSU pack lead from the starting line, hoping to gain an early lead, while trying to "psych out" the Notre Dame runners.

Apparently, their tactic granted them their wish, five OSU runners battled Notre Dame's Tim Cannon for the lead with the remainder of the Notre Dame runners running in small groups behind them.

Notre Dame Coach Joe Plein explained, "Ohio State went out very hard, their attempt to control the race. But by three kilometers our guys had caught them and by four kilometers we were clearly in control."

To the dismay of the Ohio State team, the Notre Dame pack would not be denied. In other words, a fast start could not "psych out" a talented and mentally ready Notre Dame squad.

As the race progressed, Cannon wore down the leading Ohio State runners. Eventually all five would be broken by Notre Dame's captain and top returning runner.

Notre Dame seniors Ralph Caron and Ed Juba, running to gather at the three kilometer mark. Then, Courty dropped off the pace somewhat, while the remaining three surged to join Cannon.

Carl Vuono

The race strategy because it spread us out is good preparation for the spring season."

Our original intention was to start out slow and make our move at about three kilometers," explained John. "Our fast start threatened our race strategy because it spread us out..."

Fortunately, the Irish were able to regroup. Cannon, Dillon, Caron, and John ran the second half of the race in what John described as, "a hard but not overly taxing pace."

The finished race ended in a four-way tie for first. Then, Ohio State's top runner, Kurt Kiidnicz, who had received the coach's vote of confidence for the three-way meet with Western Michigan and Bowling Green, finished fifth at 25:02.

Leading the second pack of Notre Dame runners, freshman standout Mike Collins finished sixth at 25:12, followed closely by Jim Tyler, John Adams, and Craig Maxfield. It is noteworthy to mention that this second pack ran at times which are very comparable to the times of the top four runners in recent years.

The team would greatly appreciate some more fans for their next home meet, which is tomorrow against Boeing State.
They should 'blitz' on the quarterback—to put more pressure on him.

Aspirin Man

Apologies are very fancy if people only wait... and they do like to rephrase.

America is dropping back—he sets the ball down. He's starting to build a Pyramid.

WOW! He's built a full size replica! He's picking up the ball. Touchdown!!

No, with the amazing new knife, you only have to wear the skin of those dead animals.

### The Daily Crossword

**ACROSS**

1. Mastodons (4)
2. Redskin garments (4)
3. Celestial body (5)
4. Vow (6)
5. Identical (5)
6. Popular tree (5)
7. Short skirt (5)
8. Market losers? (4)
9. What pioneurs do (4)
10. Gathering of people (8)
11. God's affirmatives (4)
12. Tab of (4)
13. Be on guard (5)
14. Ultras (5)
15. Handsome impulsively youthful (9)

**DOWN**

1. Doughnut (6)
2. Crescent (4)
3. Heavy burden (9)
4. Oblivious (5)
5. Gatherum (7)
6. Twin (6)
7. Crystal (8)
8. Former secretary (5)
9. Have a sale (4)
10. Thread used for horseriding (7)
11. Relax (4)
12. Tab of (4)
13. Films (6)
14. Youthful (9)

**Monday's Solution**

### TV Tonight

6:30 p.m. 16: MASH
7:00 p.m. 21: Family Feud
8:00 p.m. 28: Wheel of Fortune
9:00 p.m. 16: Straight Talk
10:00 p.m. 16: A Team
11:00 p.m. 28: Joanie Loves Chachi
12:00 a.m. 22: Remington Steele
1:00 a.m. 23: Their's Company
2:00 a.m. 34: Ludic
3:00 a.m. 9:00
4:00 a.m. 22: Adam's House
5:00 a.m. 34: Monsters of Life and Death
6:00 a.m. 10: NewsCenter 16
7:00 a.m. 22: Eyewitness News
8:00 a.m. 28: NewsWatch 2B
9:00 a.m. 22: CBS Late Movie
10:00 a.m. 28: Thrice of the Night
11:00 a.m. 16: Late Night with David Letterman

### Far Side

"Yes, with the amazing new knife, you only have to wear the skin of those dead animals."
Will the real Irish please stand up?

If you're looking for an optimistic column that tells you not to worry because it's early in the year, you won't find it here.

If you're looking for a scathing column attacking Gerry Faust, Blair Kiel, and all the other popular targets, you won't find that here either.

Perhaps the most important question is this: Which Notre Dame team is the real Notre Dame?

We have seen two different Notre Dame teams so far this year. Against Purdue, we saw an Irish squad that abused a Purdue team that was supposed to be a tough opponent. We saw a team that put pressure on the quarterback, didn't give up a big play, and both ran and passed the ball efficiently. We also saw a team that seemed to possess a killer instinct.

Against Michigan State, we saw a Notre Dame team lose to a team that doesn't have anywhere nearly the talent that Notre Dame does. We saw a team that couldn't put much pressure on the quarterback and could rush, but nor pass. We also saw a team that seemed to possess a killer instinct.

Against Michigan State, we saw a Notre Dame team lose to a team that doesn't have anywhere nearly the talent that Notre Dame does. We saw a team that couldn't put much pressure on the quarterback and could rush, but nor pass. We also saw a team that seemed to possess a killer instinct.

Against Michigan State, we saw a Notre Dame team lose to a team that doesn't have anywhere nearly the talent that Notre Dame does. We saw a team that couldn't put much pressure on the quarterback and could rush, but nor pass. We also saw a team that seemed to possess a killer instinct.

Against Michigan State, we saw a Notre Dame team lose to a team that doesn't have anywhere nearly the talent that Notre Dame does. We saw a team that couldn't put much pressure on the quarterback and could rush, but nor pass. We also saw a team that seemed to possess a killer instinct.

Against Michigan State, we saw a Notre Dame team lose to a team that doesn't have anywhere nearly the talent that Notre Dame does. We saw a team that couldn't put much pressure on the quarterback and could rush, but nor pass. We also saw a team that seemed to possess a killer instinct.

Against Michigan State, we saw a Notre Dame team lose to a team that doesn't have anywhere nearly the talent that Notre Dame does. We saw a team that couldn't put much pressure on the quarterback and could rush, but nor pass. We also saw a team that seemed to possess a killer instinct.

Against Michigan State, we saw a Notre Dame team lose to a team that doesn't have anywhere nearly the talent that Notre Dame does. We saw a team that couldn't put much pressure on the quarterback and could rush, but nor pass. We also saw a team that seemed to possess a killer instinct.

Against Michigan State, we saw a Notre Dame team lose to a team that doesn't have anywhere nearly the talent that Notre Dame does. We saw a team that couldn't put much pressure on the quarterback and could rush, but nor pass. We also saw a team that seemed to possess a killer instinct.

Against Michigan State, we saw a Notre Dame team lose to a team that doesn't have anywhere nearly the talent that Notre Dame does. We saw a team that couldn't put much pressure on the quarterback and could rush, but nor pass. We also saw a team that seemed to possess a killer instinct.

Against Michigan State, we saw a Notre Dame team lose to a team that doesn't have anywhere nearly the talent that Notre Dame does. We saw a team that couldn't put much pressure on the quarterback and could rush, but nor pass. We also saw a team that seemed to possess a killer instinct.

Against Michigan State, we saw a Notre Dame team lose to a team that doesn't have anywhere nearly the talent that Notre Dame does. We saw a team that couldn't put much pressure on the quarterback and could rush, but nor pass. We also saw a team that seemed to possess a killer instinct.