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Dioxin: Toxic Waste On Campus



Cedric R. Anderson

TOXIC: The hazardous waste storage facility is adjacent to the General Services Building and labeled "Danger" due to potentially harmful chemicals stored inside. The drums from Weldon Spring were brought here in 1981.

by Terri Seymour
news editor

Discovery of dioxin stored in the campus' hazardous waste facility has aroused a wave of concern among the UM-St. Louis community.

Dioxin was found to be contaminating solvents which are stored in the warehouse facility located behind the General Services Building. The drum containing the dioxin has been in the University's possession since 1981, when twelve barrels containing unknown substances were brought to the campus from Weldon Spring.

According to the University's safety and risk manager, James Hickerson, the drums were once located on land in Weldon Spring that is property of the University of Missouri. He said that at one time a box factory had been located on the spot, but that the land was now used by the university for agricultural and research purposes. The drums containing undetermined chemicals were transported to the university for safe storage in the campus' hazardous waste facility.

Although the barrels have been on the campus for six years, it was not until this past summer that the chemicals in the barrels were scientifically tested.

"Actions were not taken earlier because information on dioxin has just emerged in the past few years," said John McCluskey, Vice Chancellor of University Relations. "Also," he said, "it took some time for an outside lab to get testing protocol from the Environmental Protection Agency and the Missouri Department of Natural Resources."

Meanwhile, several employees suspected that the barrels contained dioxin and urged administra-

tion to test the contents. During the summer, one of the barrels tested positive for the presence of dioxin. The other barrels from the Weldon Spring area have yet to be tested.

With the finding of dioxin, two employees voiced concern about exposure to the hazardous chemical. David Williams, hazardous material technician and Kenneth Newby, mechanical tradesman, both claim to have been exposed to the dioxin.

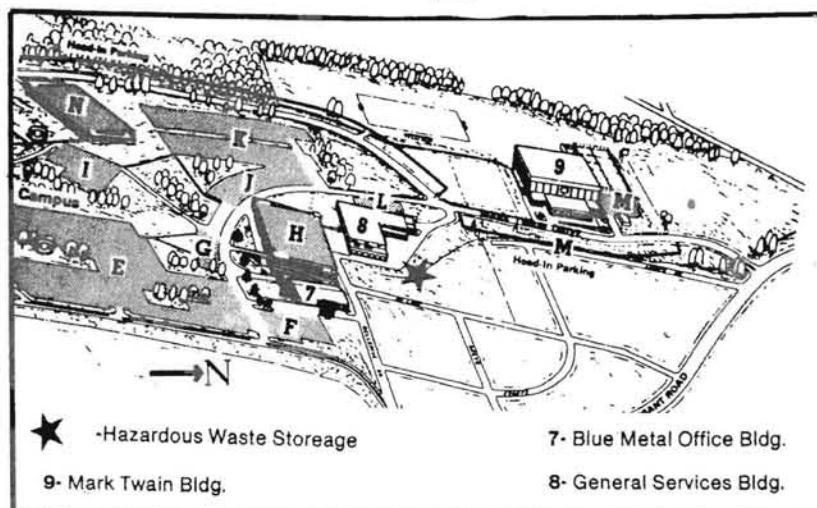
According to Newby, an employee of the physical plant, he had been exposed to the barrel containing the dioxin when installing an exhaust fan in the storage building.

"Dave Williams had asked me to help him loosen a bung on the drum so he could get a sample for testing," Newby explained. At that point, according to Newby, Williams had been told that the contents were not highly dangerous or hazardous.

Furthermore, Williams, by nature of his job, had been in contact with the drums numerous times. It wasn't until last year, when Williams said he discovered an overflow in one of the barrels that he became seriously concerned. According to Williams, he noticed that gaskets and bungs were loose on the drum, now known to contain dioxin. He assumed that it was an isolated incident and put on new gaskets and tightened the bungs.

One of the 12 drums is reported as having 8.4 parts of dioxin per trillion parts of liquid. According to vice chancellor Hussey, there are only two others suspected of containing small traces of dioxin. These drums contain rags and tools used to test the first barrel. Once it was determined that one of the barrels from Weldon Spring was contaminated with dioxin, both men took action to inform the administration.

Newby, also union steward for



Operating Engineers Local 2, wrote a report on behalf of staff members to voice concern about the hazardous chemicals. The five-page report made clear employee concern for Legionnaires' disease and radiation as well as for dioxin contamination.

"We feel we've been exposed to things in the science building as well," Newby said. "Things we have seen have left us room to wonder."

Williams also went to the administration as well as to the EPA with his concerns.

"When lab results were confirmed, I was stunned because I had been in contact with the drum containing the dioxin. I immediately spoke with Mr. Hussey, vice chancellor of administrative services, and Ed King, head of the safety and risk management headquarters at Columbia."

Williams questioned the two men as to the notification of UM President McGrath and Chancellor Barnett. According to Williams, King was evasive. Williams then called Hussey to question again whether or not the Chancellor knew of the dioxin.

"He was disturbed with me," Williams said. "He asked me if I didn't think he could do his own job and accused me of being disloyal and of not being a team player."

However, Hussey said he did not remember making the comment.

"I don't believe I said it," Hussey explained. "My concern was for Dave's concern about his health."

Williams then had his key taken to the facility and was relieved of his duties in the storage warehouse. According to Hussey, Williams was taken out of the storage facility for his own protection and to ease his concerns.

Both Williams and Newby say they understand the position of the university.

"I can understand dollars and cents," said Newby, "but I can't see not protecting the people who work around the chemicals. They don't care that much about us. We're expendable," he explained.

Williams says that many of the drums stored in the warehouse had loose gaskets and bungs. An incident reported in the "Post Dis-

See DIOXIN, page 3

SA Seeks New Budget Committee

by Michael Curran
associate news editor

The Student Association continues to be a student service organization. At the top of their list of activities is a recent bookstore audit.

A premium price for an education is a worthwhile investment, but over investing in books is not. Complaints of excessively high charges at the UM-St. Louis bookstore were brought to the Student Association last semester and an audit was undertaken. The results showed that the bookstore had one of the lowest profit margins of universities in this area; less than the normal 2 percent found at four other nearby universities.

As an alternative, the idea of a bookstore plan was discussed. The concept was determined to be unfeasible, because courses often require a change in textbooks each semester. The rental concept would require usage of the same book for 2-3 years before a minimal profit could be realized. In addition, extra storage space would be necessary, a need which cannot be met.

In the future, the Student Association will conduct a survey to determine the need for extra hours in the computer room. Mr. Westermeyer, Director of the Office of Computing and Telecommunications is open to the idea if the need is proven.

Nominations for the Budget Committee are now being accepted. The Budget Committee allocates student activity fee money to the various student groups. If you would like to be a member of the committee, and share the responsibility for allocating activity fees, contact Steve Bratcher at the Student Association office for further information.

Risks And Facts About Dioxin

by Cecilia Dames
reporter

In the early 1980's it was discovered that Russel Bliss had roamed the Missouri countryside spraying rural roads with dioxin-tainted oil. Someone designed a bumper sticker which read: Ignorance is Bliss.

Almost seven years have passed since the town of Times Beach was found to be laden with dioxin and the controversy concerning dioxin was hotly debated. But widespread ignorance about what dioxin is and what its health effects are still exist today.

There are 75 types of dioxin, scientifically referred to as polychlorinated dibenzo-p-dioxins.

Poly means many and chlorinated refers to the chlorine atoms which attach themselves in 75 ways. Dibenzo is derived from the two benzene rings in the dioxine molecule. The term dioxin is derived from the two oxygen links that join the benzene rings.

When the popular press and the scientific community discuss the dangers of dioxin, what is usually being discussed is tetrachlorodibenzo-p-dioxins, or TCDDs. This group of PCDDs contains four chlorine atoms. Within the TCDD group, there are 22 isomers, or 22 locations to which the chlorine atoms attach themselves to the dibenzo-p-dioxin molecule. The most toxic of the 22 TCDDs is known as 2,3,7,8-TCDD.

Times Beach was loaded with 2,3,7,8-TCDD.

No one knows what type of dioxin is stored on the UM-St.

Louis campus.

The scientific community is divided over the human health risks associated with exposure to 2,3,7,8-TCDD.

According to an informational pamphlet put out by the E.P.A., one reason the results of exposure to dioxin from industrial accidents is open to debate is because levels of exposure are hard to document.

The E.P.A. pamphlet stated "There are indications that accidental exposure to 2,3,7,8-TCDD containing chemicals may result in a rare form of cancer, soft tissue sarcoma. In addition, there are a number of reports that associate 2,3,7,8-TCDD with liver dysfunction, nervousness, headaches, loss of libido, neuropathy and other problems."

Dr. Marion Moses, a specialist in environmental and occupational health, stated, "Everybody is terrified of it, yet it never really shows human damage. Almost all studies done show that human beings are much less susceptible to dioxin than animals."

The E.P.A. pamphlet went on to state that laboratory animals enduring long term exposure develop the following maladies: cancer, chloracne, liver dysfunction, birth defects and loss of libido.

Critics of the E.P.A.'s stand on the health effects of dioxin, point to the fact that many of the maladies laboratory animals incur are the same as the maladies industrial workers exposed to dioxin report.

Biotech Seminar Held

by Kevin Lacostello
editor

"Biotechnology has the power to move minds and change lives," said Dr. David Schlessinger, Professor of Microbiology and Immunology and Director of the Center for Genetics in Medicine at Washington University. Schlessinger made the statement at the Biotechnology Seminar Tuesday evening, September 29 in the J.C. Penney Auditorium.

This seminar marked the initiation of the Biotechnology Education Project for the St. Louis region. Funded by the Monsanto Fund and sponsored by The Mathematics and Science Education Center located in Clark Hall, it is the first step toward introducing biotechnology to local high school science instructors and a step toward bringing St. Louis into national prominence in biotechnical research.

Dr. Schlessinger used the bold image to preface two points: that the field of recombinant DNA is technology driven and that there are two ways of gaining the technology. First is the successful transfer of hereditary traits, second is the analysis and manipulation of traits for the benefit of mankind.

Schlessinger said that the first wave of biotechnology was its application to plants. The second wave will be the production of large quantities of specific human genes and gene products for altruistic purposes.

Joining Schlessinger at the seminar were Dr. Gene Schwilk, President of the Danforth Foundation and the seminars moderator; Dr. Howard Schneiderman, Senior Vice President of Research and Development for the Monsanto company; Dr. Peter Raven, Director of Missouri Botanical Garden and a University of Missouri Curator and Father Robert Brungs, Director of



Cedric R. Anderson

EXPERTS: Dr. Gene Schwilk, Dr. Peter Raven, and Dr. Howard Schneiderman were among the distinguished panelists at the Biotechnology Seminar. Their expertise and cooperation in biotechnical research will help bring prominence to St. Louis for biotechnology and genetic engineering.

the Institute for Theological Encounters with Science and Technology.

"Biotechnology as an applied science is moving ahead, its social acceptance is stalled," said Dr. Schneiderman. Information presented at the seminar indicated that genetic engineering would produce a veritable menu of plant traits to choose from. Resistance to insects, disease, stress, drought and cold plus better quality and more nutrition. Schneiderman pointed out that through the manipulation of genetic traits, less insecticide and fertilizers would be needed which would lower production costs and improve the environment. "This is the most important advance in science this century and for the past 11 millennia" he said.

By characterizing genetic engineering as "dangerous and unnatural and infringing on divine copyright," the public is encouraged to be apprehensive, Schneiderman remarked.

"We are not living in a pristine forest. By using biotechnology to control pests and enhance produc-

tivity, we may leave other parts of the world unhampered. Rather than focusing on the methods used to release genetically engineered organisms into the environment, the focus should be on assessing the organisms impact on the environment," Schneiderman continued.

When asked why it was necessary to increase productivity when there was already overproduction to the point of waste, Schneiderman said that "without innovation, we're (the U.S.) out of business. Our lead in the market depends on lowering costs."

Schneiderman predicted that within the next decade biotechnology would produce vaccines for parasitic plagues, malaria, hepatitis and AIDS. "We are underestimating the pending impact of biotechnology in service to humanity."

"Our present civilization is based on the ability to manipulate organisms in a beneficial way," noted Dr. Peter Raven. "There are estimated to be five million plants,

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BONJOUR

Rita Bergoudian, the 1986-87 recipient of the Lecture of the Year award, discusses the connection between language and culture.

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PROLIFIC

The Riverwomen Volleyball team has upped their sparkling record to 26-4. They are on the verge of rewriting the UM-St. Louis volleyball history record.

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CAMPUS REMINDER

Chancellor Barnett will open her door to students, faculty and staff on October 14 from 10 a.m. to noon in 401 Woods Hall.

My Soul Longs For Plato, Ritchie Valens

by William J. Bennett
U.S. Secretary of Education

When I arrived at college as a freshman some time ago, I had definite ideas about how to use my four years of higher education. I was resolved to play a little football, and I wanted to major in English in order to become sophisticated, land a good job and make big money.

But because of my college course requirements, I found myself in an introductory philosophy class, confronted by Plato's "Republic" and a remarkable professor who knew how to make the text come alive. Before we knew it, my classmates and I were ensnared by the power of a 2,000 year old dialogue.

In our posture of youthful cynicism and arrogance, we at first resisted believing that the question of justice should really occupy our time. But something important happened to us that semester as we fought our way through the "Republic," arguing about notions of right and wrong. Along the way, our insides were shaken up a bit. Without quite knowing it, we had committed ourselves to the serious enterprise of raising and wrestling with the great questions. And once caught up in that enterprise, there was no turning back. We had met up with a great text and a great teacher; they had taken us, and we were theirs.

Every student is entitled to that kind of experience at college. Good courses should shake you up a little, expel stale opinions, quicken your senses, and animate a conscious examination of life's questions. Unfortunately, a growing body of evidence indicates that this is simply not taking place at enough of our colleges. That fact is becoming increasingly obvious.

Proof of this is the extraordinary reception given to University of Chicago Professor Allan Bloom's new book, "The Closing of the American Mind." (See Current issue no. 583 October 1, 1987 for a review.) Although I must say that I dissent from his views on rock n' roll, this is a brilliant and challenging book. It contains a devastating critique of, and a moving lament for, contemporary American higher education. And for most of the summer, it was at the top of the "New York Times" best-seller list.

Our universities, Professor Bloom asserts, are too often hostile to serious thought; no longer are they places where the transmission, criticism and renewal of intellectual traditions are assured. "The University now offers no distinctive visage to the young person," Bloom asserts, nor a set of competing visions of what an educated human being is.

If Professor Bloom is correct -- and there is every reason to believe that he is -- then something has gone



Education Secretary
WILLIAM BENNETT

terrible wrong on many American campuses. Students are not getting the education -- experiences, the challenges, the possibilities -- they deserve.

As a student, you can do something about this. The first thing you can do is get a copy of Allan Bloom's book, and read it. Think about what he has to say. Ask yourself some hard questions about your college or university. And ask those same hard questions of your professors, faculty, and administrators.

If you're not satisfied with the answers you get -- if you're not satisfied with the education your school is providing -- resolve to get a good education anyway. Fortunately, at least a few good allies can be found on almost every campus: good teachers, serious friends and good books. In selecting courses, don't be afraid intellectually to bite off more than you can chew. Seek out the best teachers, those who can stretch the limits of your knowledge and bring life to the subjects at hand. Take advantage of those teachers in class after class.

In the end, regeneration of our universities will come from within. Only those within the academy can rescue the academy. Students can play a part. Students can demand that colleges live up to the promises in their glossy catalogues. This will benefit you, and it will be a service to those who follow in your path.

So read Bloom, thing hard -- but also have fun this year. And in this one respect, feel free to act on

Bloom's advice: feel free to listen to a few, or more than a few, rock n' roll classics along the way. This summer, as Allan Bloom's book was number one on the best-seller lists, the Los Lobos film soundtrack to "La Bamba" was topping the "Billboard" charts. Take it from a former rock band guitarist, from a soul that will not cease longing to hear Ritchie Valens and Buddy Holly just one more time, that rock n' roll and a good education are not incompatible.

PUBLIC NOTICE

If dangerous chemical wastes have been hauled through this area, read these precautions carefully, especially if you may have been exposed to DIOXIN.

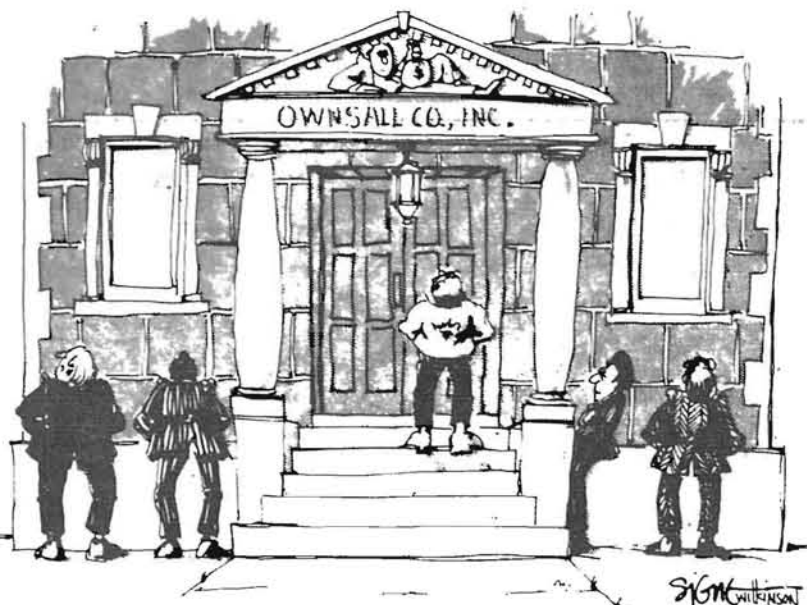
IN CASE OF DIOXIN CONTAMINATION



Disclaimer: There is no guarantee that following any of these precautions will prevent slow death from cancer after dioxin contamination. If you do all of the above, you may or may not survive. This geographical area may or may not continue to be inhabited. Life on this planet may or may not continue to exist. But the chemical companies will continue making profits until the very end. Remember, WITHOUT CHEMICALS, LIFE ITSELF WOULD BE IMPOSSIBLE. WITHOUT THE PROFIT SYSTEM, LIFE MAY VERY WELL BE POSSIBLE.

Test Faculty, Administrators First

THE PROPER WAY TO DELIVER AN EMPLOYER-MANDATED URINE SAMPLE:



(CPS)-- Two more colleges may force students outside their athletic departments to take mandatory drug tests.

Last week, the University of Arizona's College of Nursing formally began debating a proposal that would make Nursing students who exhibit "inappropriate" behavior take urinalyses to see if they've taken any illicit drugs.

Students who test positive for illicit drugs could be expelled.

Meanwhile, Central Florida Community College in Ocala, FL, has started making cheerleaders, music students and members of theater and dance groups-- as well as athletes-- take drug tests.

CFCC President Bill Campion said the policy will apply to any student in a position to represent the school.

Scores of colleges adopted mandatory drug tests for their athletes during the 1986-87 school year, largely in reaction to the June, 1986, cocaine related death of University of Maryland basketball star Len Bias.

Athletic directors at Duke and Stanford, as well as lawyers with the American Civil Liberties Union, complained at the time that forcing athletes would set a precedent allowing schools to force all students, regardless of their athletic skills, to prove they don't take illicit drugs.

Various courts currently are considering the cases of athletes from Stanford and the Universities of Washington and Colorado, who claim the drug tests unconstitutionally invade their privacy.

Guest Editorial

by Mark Stroker

Presently, the United States Senate, affiliations of the government, and the citizenry at large are locked in an embroiled debate as to the qualifications of Supreme Court nominee, Robert Bork.

As the Senate Judiciary committee commence their inquisition, it provides us with an opportunity to examine the process involved in executive appointment. The president's authority to appoint, with the advice and consent of the Senate, is enumerated in Article Three of the Constitution.

It has become obvious over the years that the duty of appointment has been abused by both the president and the Senate.

One has to wonder whether positions of appointment are delegated to the most qualified candidates or handed out as political tokens.

U.S. ambassadors, for instance, are appointed to various countries regardless of their ability to speak the language or understand the culture of the country to which they are appointed. Once approved, justices ambassadors, department heads and various other officials either retire, die or are impeached from office with little or no checking on their activity.

The idea of appointment for life to anything is questionable at best.

Mr. Bork may well be the most qualified person for this job. His credentials as a lawyer, author, professor and Solicitor General seem to be worthy. It is his extreme political ideologies that cause consternation among the informed community.

Bork will, without a doubt, have an impact on future decisions, whether or not he works to reverse previous decisions from the court. One thing is for certain, Bork is an extension of the Reagan Administration and the politics which it represents.

Hell No We Won't Glow

Welcome to the University of Missouri-Times Beach. This campus isn't a hazardous waste dump. But the University of Missouri has turned it into one. Why are dioxin contaminated materials even being stored in a populated area in a building that vents its fumes at temperatures above 70 degrees fahrenheit?

When I called Dr. Jane Starling of the biology department to ask about the environmental impact this could have she called the incident "Alarmist reactions."

One of the chemicals stored in the building (1,4 Dioxane) is a fairly common solvent and there is nothing to really worry about Starling said.

David B. Williams, hazardous material technician for the the University, said that that type of dioxane forms peroxides over a period of time and can have explosive results under conditions where it is jarred or heat and friction are a high level.

If this stuff isn't so bad Dr. Starling, how about storing it in your office?

The point of the matter is that dioxin is on campus. What species of dioxin it is and what other hazardous wastes are over in that building are irrelevant. These wastes shouldn't be on any college campus where they are a hazard to the students and staff. Since the barrels were leaking, they ARE hazardous to students, staff, and faculty. The full dangers of dioxin are still unknown so any leak, no matter how minute, should be considered a hazard.

The students, faculty and staff should protest the storage of ANY hazardous waste on this campus. This effects everyone at this campus so those people who are normally apathetic to the activity on campus should also wake up and scream about the toxic waste.

the Administration should take swift action to clean up the storage area and remove all of the hazardous materials from campus.

This is OUR university and we shouldn't let the administration turn it into a toxic waste site. Everyone should rise up and fight the University on this issue. Take time to write a letter to UM President C. Peter McGrath and let him know your feelings on the subject.

Maybe I'm being an alarmist like Dr. Starling says. But it's better to be an alarmist today than a genetic mutant in the future.



LETTERS TO THE EDITOR

Who's Who Nominations Now Open

Dear editor,

Each year, select students are recognized for their outstanding achievements both in academics and extra curricular activities by a national organization that publishes Who's Who Among Students in American Universities and Colleges. To receive consideration for this honor a UM-ST. Louis student must:

1. Be a junior, senior or graduate student.
2. Have a grade point average of 2.5 or higher.
3. Have made contributions in academic, extracurricular and community activities.

Members of the campus community are invited to place in nomination the names of those students who are deserving of such recognition. Students may nominate themselves. The nominees will then be asked to complete an application citing their accomplishments. A committee will screen the applications and make their final selection of honorees.

Applications are available in the office of student activities, 250 University Center or through the mail by calling 553-5536. The application deadline is Oct. 16, 1987.

Rick Blanton, Assistant Director
University Center/Student Activities.

Icy Walks, Distant Lots, More Spots

Dear editor:

Three times a week my classes begin at 10 a.m. and I find myself parking in Lot H (near the police building). Although it is a ten minute walk from there to Benton Hall, I have learned to enjoy my morning stroll, so long as the weather is nice. My worry is about what will happen when the pavements become icy and I will have to attempt the steep slopes from Lot H (with no hand rails) twice a day?

A possible solution lies in increasing the number of student parking places in Lot C. I have noticed that the spaces allocated on the top floor for the J.C. Penney building and on the middle floor for the carpools are usually more than half empty. If the police would check what the maximum number of (legal) parkers is in these areas at any one time, they could allocate the remainder of spaces to students by placing temporary signs over the existing ones. Each semester the signs could be removed or added, depending on the current needs.

I think the gains from this system (less chances of broken bones and time exposed to the cold for perhaps forty students a day) far out weigh the losses (2 hours of police work and acquisition of some temporary signs). I strongly urge those in authority to consider the matter before winter sets in.

Tammy Heiman

CURRENT

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Crime Can Be Prevented

by Carolyn A. Kruczynski
reporter

Crime is everywhere today, and our campus at UM-St. Louis is no exception. In the past, there have been cases of assault, indecent exposure, and theft. Last Tuesday a student was seen near the General Services Building wiping a threatening message off of his windshield.

Is crime on the rise at UM-St. Louis? According to Police Chief John L. Pickins, the answer is no. "Statistics can be alarming," said Pickins. "For example, two criminal incidents going up to four incidents is an increase, but nothing to become alarmed about. Most people don't tend to look at the underlying causes of crime. Many of the larcenies on campus are due to non-preventative measures—unlocked cars, windows down, valuable articles in plain view, and unattended purses." Pickins continued, "We have one of the safest campuses there is compared to municipal problems." No statistics were available. Chief Pickins also said he feels that crime is low in the surrounding area. Sergeant Roy Kenner of the Normandy Police Department agrees. "I have seen no real problem at all," stated Kenner.

When questioned about last week's incident of someone writing "I'll kill you" across the windshield of a student's car, Pickins replied, "We're really not sure about that. We think it was just a boyfriend/girlfriend dispute." Pickins could not release the name of the student or full details of the incident.

What measures does Pickins advise for crime prevention? "We place an emphasis on an educated community. A thief will take the easiest target. The more difficult the target, the less likely the thief will attempt the crime. Don't encourage a thief by leaving your car unlocked, etc. An offender looks for the advantage."

Pickins went on to say, "The public feels that crime is the responsibility of the police. We want the public to work together with us in a joint effort to keep crime down. Report all suspicious activity and utilize the student patrol."

How do UM-St. Louis students feel about crime on campus? Many think the campus is reasonably safe,

except in the evenings. Steve Hoyer, a sophomore, attributes this to several factors. "I understand we have a higher rate of crime in the evenings due to the dark parking garages and people walking alone a good distance to their cars because this is a commuter campus. Women are typically victims. I would caution them that they're not in the best of neighborhoods," said Hoyer, referring to recent crimes in the surrounding area. "Last semester and this past summer there was armed robbery, murder and several assaults within a quarter mile of campus. Also, a couple of fraternities have experienced thefts of such items as TVs and stereos."

Another student, Deanna Pruitt, commented, "I don't feel like there's that much crime during the day, or at least I don't see it. But I don't know about at night." Pruitt admitted that she would be a little frightened to be on campus during the evening. "I think it's worse for women, especially at night. There's not as many people around, it's dark, and there's a lot of space between buildings," Pruitt said.

Todd Shepherd has been attending UM-St. Louis for three years. Although he is not aware of a lot of crime on campus, he does feel that safety could be improved. "I have been on campus at night, and I don't feel any more threatened than during the day. But I do think the lighting should be better, especially for as far as you have to walk to your car."

Although some crimes are preventable, citizen involvement can help to reduce the opportunity for crime. You can help to reduce crime by taking the necessary precautions.

Here are some helpful tips:

When parking your car, always lock all doors.

Roll windows up tight.

Install tapered interior door lock buttons

Don't leave any valuables in sight. Remove the keys from the ignition.

Don't hide spare keys. They can be found.

When you park your car, be alert, look around for suspicious persons in the area.

When you use the facilities at the gymnasium, leave your valuables at home, don't store them in your locker.

When leaving the building at the end of the day, make sure the offices and buildings are secure. If your building is equipped with an alarm system, make sure that you set it before you leave. If there is a malfunction, report it promptly.

When using the library, don't leave your valuables (purses, radios, tape recorders) unattended while searching for books or other materials.

Use the buddy system when going to your car during the evening hours after class or use the free Escort Service provided by the Police Department by calling 553-5155.

DON'T THINK IT CAN'T HAPPEN TO YOU. Act before, not after the crime. Get involved, report all suspicious activity to the police at 553-5155.

Dioxin from page 1

patch" noted a pinhole leak in a drum on September 15 of this year.

"During the past two weeks, contaminated solution used in the testing leaked due to pressure," Williams said in an interview. "The 'pinhole' leak was about three inches in diameter and dripped into a main drain in the storage facility."

The drain only accommodates that facility said Williams.

However, in the chancellor's official statement issued on Monday afternoon, she explained that Hickerson was the only person involved in the cleanup of the leak and that no one was injured or exposed to any hazardous material.

Furthermore, Barnett said that she had reviewed 1986 and 1987 records kept by Williams on the facility. Barnett said that she had "found no record of the overflow indicated in the log. Williams said that he had reported the incident to Hickerson and did not feel he needed to record it."

Williams says that the drums from Weldon Spring have been venting for the past seven years due to weak seals. Also he alleged that poor building ventilation allows chemical fumes to escape into the outside air.

Black Alumni Celebrate

by Kevin Lacostelo
editor

More than 200 Black alums found their way back to the J.C. Penney lobby Friday, September 25 for an evening of reacquaintance and socializing. With the help of Anath Boone, Chair of the Minority Relations Committee and a 1980 Arts and Science graduate, and Kathy Osborn, Director of Alumni Relations, the event was a big success and a show of support for the University.

"It seems to me that this University is ours," Boone said in her opening remarks. "I and members of the University community welcome you back with open arms."

Noting the chancellor's leadership and her vision for the future of UM-St. Louis, Boone was able to recall a pet name that the University had acquired over the years, "Little Harvard." "If there is

a 'Little Harvard,' in St. Louis, it is located at 8001 Natural Bridge," she said.

"Under her (Chancellor Barnett's) leadership, this university is moving forward and the sense of pride that Black Missourians have for her is non-pariel."

A round of applause greeted the chancellor and each of the administrators and department chairs she introduced to the alums. By calling attention to new construction on campus and donations from industry, Chancellor Barnett used the occasion to ask the alums to participate in the Alumni Mentoring Program; practicing professionals offering their help to undergraduate minority students.

"We can make UM-St. Louis a 'world class University,' it can happen when we work together and support this campus," Barnett said.

"Ventilation is bad there," he said. "When the temperature is below seventy degrees, air is circulated within the building. When the temperature is above seventy degrees, the air is ventilated through the building."

Some of the chemicals stored in the facility include: dioxin, flammable liquid, toxic waste, mercury, pesticides, herbicides, biological wastes, radioactive waste and asbestos.

Williams told of a drum containing 1.4 dioxane that has been stored in the facility since the university came into existence. The chemical is said to create peroxides as it sits for long periods of time. The peroxides are very sensitive to shock and could possibly react as an explosive.

Both Williams and Newby feel that there is a lack of adequate protection for employees working around these hazardous materials. Williams says that he is equipped with only a small ventilated face mask. While Newby claims that physical plant workers and other maintenance people are not equipped with safeguards at all. And are often not told completely of the danger involved.

On the other hand, Hussey explains that the name of the facility alone gives employees reason to take safety measures.

Hussey posed the hypothetical question "If you were invited into a

hazardous materials storage facility, wouldn't you take proper precautions?"

According to Williams the EPA has three recommendations for the facility: dioxin must be removed from the facility, ventilation must be changed, and the facility must be decontaminated.

The administration is taking immediate action to rid the campus of the dioxin. According to vice chancellor McCluskey, Dr. Hickerson and vice chancellor Hussey are giving a thorough examination in order to remove the dioxin and all contaminated drums. He said that the university plans to look at all safety issues concerning employees in their work atmospheres.

"An outside firm will be hired to evaluate the risks and give recommendations for a plan of action," McCluskey explained.

Newby and Williams feel that there is lack of strictness in risk management and hope that protective measures will be taken to improve the situation.

Hussey said that procedures will be looked at.

"We need as an employer, to work closer with all employees to look at what and what is not safe in our environment," he explained.

CURRENT

The Players Make The Right Move

by John Kilgore
reporter

The UM-St. Louis Chess Club has announced that the Missouri Chess Club Bulletin has ranked three UM-St. Louis students in the top 60 players in the state.

Ranked 22nd is Julio Santiago, Jr., ranked 25th is Dan Juengel, Soph., and ranked 59th is chess club president Ken Waller, Sr.

According to Waller, two other UM-St. Louis students and chess club members, Tony and Dave Cirillo, rank in the mid-100's. Waller said the club intends to take a four-man team to the Pan-Am games in Columbus, Ohio this December.

UM-St. Louis last sent a team to the games in 1985. Waller, who considers the UM-St. Louis club to be the best college chess club in the state, says this year's team should be even better than the '85 team which finished second in its category.

The Pan-Am Games begin December 26. The club meets on Fridays in 218 SSB at 1 p.m. and is always interested in new members.

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Le Monde Est À Vous

Le langage est la cle



HOLA: Professor Bergoudian, originally from Syria, teaches Spanish and French at the University. INSET: Bergoudian receiving the 1986-87 Arts and Sciences Lecturer of the Year Award from Don Phares, interim dean of the college of Arts and Sciences.

by Dan Noss
associate features editor

Follow this if you can. Professor Rita Bergoudian was UM-St. Louis' Arts and Sciences Lecturer of the Year for 1986-87 school year. Prof. Bergoudian teaches French and Spanish. So far, so good. Right? Prof. Bergoudian was born in Syria; educated and married in Brazil; she moved with her husband and daughter (then two and now 18 and studying at the University of Missouri-Columbia) to Milton, Wisconsin; and received her Master's Degree at the University of South Carolina. She is, to say the least, well-traveled. She is also convinced that the study of a foreign language is much more than just a completion of a course toward a degree. Within each new language is a new culture to learn. A culture that allows the student of the language to understand his or her own culture more fully. In explaining this she uses her son as an example. Alex, 13, is described as brilliant but obnoxious. Part of the latter description derives from the former. He has taken in so much of his parents' knowledge of different cultures and languages that Alex at times is capable of correcting his

instructors. He has to be reminded of his place. But, the problem began at a simpler root. Alex was at first afraid that his family background would make him less of an American. Bergoudian advised her son that it made him a stronger American because he had the knowledge of a different lifestyle to compare and contrast with his American friends. For her students she sees the same reason for studying a different language. "A foreign language makes a person more well-rounded," she said. "They are much more open to life." She sees another plus. "It gives them an opportunity to learn their own language better," she said explaining that understanding the basic grammar of another language allows the student to fully understand English grammar. The odyssey that brought Bergoudian to UM-St. Louis in 1979 was a potpourri of cultural discovery through language and experience. Born of Syrian parents, she learned to speak Armenian. After the family moved to Sao Paulo, Brazil (a capital city of over three million people) Bergoudian learned to speak Spanish. She also learned English at that time and began her

career as a teacher. After her marriage to a Brazilian businessman, the family moved north to Wisconsin to a city that was at the other end of the population spectrum. "Milton was a city where mainstreet was a corner. It was tiny." Her knowledge of the English language ranged only to a few easy lines such as "Hi, how are you." Once the locals began conversing at regular speeds, Bergoudian found herself on the outside of a lot of conversations. From Wisconsin, her husband's business (which centers on the international market making him a connoisseur of language and culture, also) took them to South Carolina. It was yet another twist in the cultural road she had been following in her life. It was in South Carolina that she noticed an accent that was more difficult to understand than the other English that she had heard. Her children began speaking in a more distinct southern drawl than any other English dialect. But it wasn't until she moved her daughter into the dormitories at UM-Columbia that she was first told by her daughter that she herself had an accent. Until that time the distic-

see LANGUAGE, page 5

"Hold Your Fire" Is Rush's New Sound

by Kris Embry
reporter

If you are looking for sappy love song lyrics or a danceable top 40 beat, you won't find it on "Hold Your Fire," the latest release from the Canadian trio, Rush. In fact, you won't even find the type of sound that many rock fans associate with the band. What you will find, however, are ten powerfully innovative new songs that are, for the most part, a radical departure from the driving beat, high-pitched vocals and heavy rock sound that brought the band its popularity in the mid-1970s. Musically, the band is still as strong as ever, driven by the incessantly kinetic percussion of drummer, Neil Peart, and backed rhythmically and melodically by bassist and vocalist, Geddy Lee and guitarist, Alex Lifeson. The trends begun on the band's last two LPs, "Grace Under Pressure" and "Power Windows" are continued and refined as they explore and utilize new techniques, as well as more electronic and synthesized sounds. Unfortunately, these sounds are

at times overpowering and do not allow the true musicianship of the band to shine through. "Force 10," the pre-released from the LP is guilty of this. However, songs such as "Time Stand Still" and "Second Nature" are clean and definitely prove that the band need not rely on synthesized effects to produce a pleasing and satisfying sound. Present also on this recording is a female vocalist, Aimee Mann, of the group Til' Tuesday. This is the first time that the band has used a female vocalist. Mann adds a new dimension to the vocals of Geddy Lee and also demonstrates the band's continuing desire to bring new and outside influences to their music. Rush is again a band of transition. They are continually maturing, changing and defining their style and musicianship. Each LP that they release is an exploration of new sounds and techniques in an effort to keep their sound fresh and current. "Hold Your Fire" is no exception. Gone is the heavy metal sound of the FM standard, "Working Man." In its place emerges a precise, sometimes mellow sound, lyrically addressing the problems of his planet, its people and the tough times in which they live.



MUSICAL GRIMACE: Alex Lifeson is the lead guitarist for the Canadian trio, Rush.

They Have The Velvet Touch

by Sue Fenster
music reviewer

Take a trip back in time to the early '60s. The music is what made that era so memorable, especially the "doo-wop" sounds of Motown; groups like The Four Tops and The Spinners. Their songs have lasted and become classics rather than hits—songs like "My Lady Soul," "Just My Imagination" and "My Girl." Every Sunday night, Hunter's Restaurant and Lounge in Black Jack, Missouri presents the smooth sounds of Velvet. The \$5 cover charge is well worth it to see and hear band members William Carter, Maurice Martin, Ken White and Rufus Young perform. They produce a full, rich sound on their own—even singing acapella harmonies. On Sept. 13, Velvet was the opening act for rhythm/blues singer, Alexander O'Neal, and were featured the following morning on

KSDK-TV's "Catch a Rising Star" segment. Ken White, the newest member of the band, said that they sing primarily '60s tunes because, "Everyone can relate to the music and its meaning." "It's the era we grew up in," said Rufus Young. William Carter said, "It's where our hearts are. The songs at that time all told a story; even the up-tempo songs still kept their meaning. Today, everything is beat, beat, beat. We're going to put the beat of today into yesterday's songs with meaning and give it a new sound." The St. Louis Band (all attended Beaumont High School) has been performing for about two years. Besides their own sound, Velvet sings contemporary heart-rending ballads, such as "Pop Pop Pop (Goes My Mind)" and "Going In Circles." As Velvet conducts their stroll down memory lane, the audience screams, sways and sings along, enjoying both the band and the era.

This Month Librans Are Heard To Say, "It Isn't Fair"

by Linda Easte
astrologer

Horoscopes have no basis in scientific fact, and should be read only for entertainment, not for guidance. SPECIAL NOTE TO LIBRA BIRTHDAYS (Sept. 23-Oct. 22): Like all the air signs, Libra has a mental clarity that lets you see both sides of an issue. If you argue a point, then turn around and say, "But on the other hand..." then you've got a large dose of Libra. That's why so many of you make wonderful lawyers and shrinks. It is an issue of balance (your symbol is the scales, remember). You typical peaches and cream complexion gets flushed as you argue against injustice. "It isn't fair," is another Libran catch phrase. Libras are natural leaders, with a special flair for pulling people to work together. You prefer partnerships to going it alone. Librans have a natural affinity with the other air signs, Aquarius and Gemini. Libra also appreciates Pisces' sentimentality and Taurus' sensuality. Chemistry can be good with Cancer or Capricorn, although basic character differences makes those unions challenging. Virgo's preoccupation with perfection unbalances Libra; Scorpio wants to drag Libra into disturbing emotional depths. The fire signs, Leo, Sagittarius and Aries, are compatible. Fire needs air to burn, and Libra's air nourishes these signs.

You may have been uncharacteristically melancholy this year. This will ease until disappearing early next spring. You are struggling for a sense of self-definition. Do the work; you'll reap rewards in your ability to communicate, to relate you inner world to the outer world. New age subjects are more interesting than before. SCORPIO (Oct. 23-Nov. 21): Your creative imagination is strong this month. You are bringing things together behind the scenes, getting things ready for your high cycle when the sun goes into Scpio on October 22. Things that have been unconscious are coming to conscious level. You may do a very un-Scorpio thing and tell a few secrets. Vitality and health are strong. You're pouring energy into work. Your mind is sharp, capable of focusing on many topics with laser-beam Scorpio intensity. Happy Halloween, the Scorpio holiday. SAGITTARIUS (Nov. 22-Dec. 21): Go ahead, take a risk, by that lottery ticket. The last couple of months have been lucky for any kind of a gamble—including love. Just be careful your exuberance doesn't bring you into conflict with authority figures at work. Your ambition is high as you evaluate goals and your role within social groups in your life. You're attracting new relationships more in tune with the new you. This may be coinciding with the break-up of old ties. In a sense, this may be lucky as well, since those relationships that pass out of your life now are generally

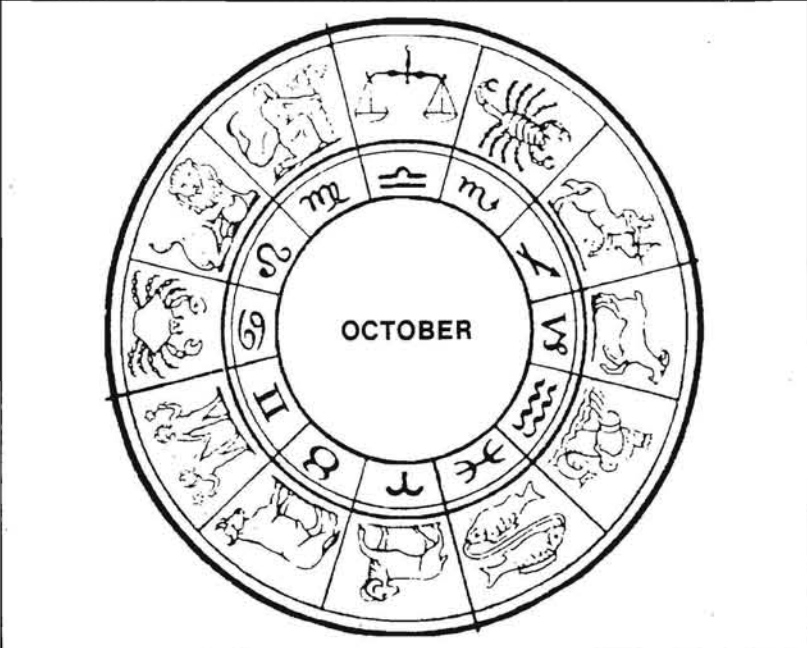
ones that deserve to go. CAPRICORN (Dec. 21-Jan. 19): This is an important time to make sure your home base is a comfortable and secure as possible. You will need that solid base to build on because you will be out in the public more, realizing your ambitions. You can successfully express your goals to others and attract their assistance. Communicate your

AQUARIUS (Jan. 20-Feb. 18): Your mind is sharp. The ability to relate ideas and understand concepts is strong. College may be the scene for meeting someone new this month. The focus is definitely on being out in public, not on playing the wallflower. This is a good time of year for broadening your horizons in any way—through studying a new sub-

public life should be paying off for you. Things that you value, whether they are material possessions, money or more inner values are in a growth phase. Getting financial backing for projects is favored. Your usual intuitive good sense is enhanced, feel your way to solutions; don't rationalize your way. Pay attention to developments on the 25th and 26th. Use the insights gained on those days to act on the 31st. ARIES (March 21-April 19): A sense of pervasive restlessness is a keynote this month, but you're probably not giving in to the urge to take off. You are pouring energy into work and into college. If you do take a break, it will probably be on an impulse around the 26th. Doing things with a partner is favored; the other person can give you a good perspective to measure your performance against. Irritations may surface on the 18th and 19th over work. TAURUS (April 20-May 20): Your emotional needs are changing, forging new definitions of intimacy. As a result of your changing needs, your relationships are changing too. Your health is good, if you don't give in to a tendency to overindulge in sweet, fatty foods. Forces may be at work behind the scenes for your benefit. You'll reap the benefits this spring. You have strong needs for creative self-expression, and your sensual side craves satisfaction. Cycle is high on the 8th and 9th; it is low on the 24th and 25th. GEMINI (May 21-June 20): You

are going with the flow this month. Your natural desire to have more than one thing on the burner at a time is satisfied. Fun and entertainment are featured. The world is your oyster. Your loved ones love you for just being you. The 11th and 12th should be very good. Schedule some time to relax on the 25th and 26th. You have called a halt to some old ties, but started new ones. The only disturbance might be on the home front, with a parent or spouse. Channel the energy in the home into physical work on the house. Remember your self discipline is low, so mainly kick back and enjoy yourself. Wear dark reds and black. CANCER (June 21-July 22): Dorothy must have been a Cancer. Like her, you'll be saying "There's no place like home." Or rather, there won't be, once you've gotten through with it. You may be buying lovely new things or just enjoying basking in the sunlight of someone's love. Getting any creative writing before the public is very good. Try sending something out on the 13th. There may be a short delay, but you're almost sure to get some feedback on it. LEO (July 23-Aug. 22): All pursuits relating to college or expanding your mind are favored. Use the energy to expand your own mind and avoid being preachy about it to others. You are sensitive to the everyday beauty and love that surrounds you. It is a good time to communicate

see LEO, page 5



needs to others after the 13th, and you can expect an answer after November 6. Opportunities arise in connection with friends on the 22nd and 23rd. Your cycle is high on the 27th and 28th; low on the 13th and 14th.

ject, doing something new and unfamiliar, even travelling (if you can get away). Your naturally high cycle will emphasize this on the 29th and 30th. PISCES (Feb. 19-Mar. 20): Sudden developments in your career or

LANGUAGE

from page 4

tion between her mother's sounds and the sounds originating from others were only in the language spoken—where it was a natural difference. The thought of having an accent was something new to consider.

Being named the Arts and Science's Lecturer of the Year was a surprise and a reassurance to Bergoudian. It wasn't that she doubted her abilities, but more that she teaches without the thought of earning extra recognition. She feels that since the award was voted to her by her students, it carries special meaning.

"It was certainly an ego booster," she also admitted I sent plenty of Xerox copies to my friends in Brazil to show them what kind of teacher I had become."

More importantly, Bergoudian states, such a recognition further points out the importance of language as a course of study. It gives her something to base her argument on when people debate the issue.

"The world is getting smaller," she said. "A foreign language is something that I can use to communicate with others. It also opens a person to new ideas."

Through language we understand our heritage, Bergoudian said.

Through language and culture a family can preserve their heritage and pass it on from parents to children.

Bergoudian was well into teaching before she realized how much she really enjoyed the work. Her natural love for languages led her into the field. But the positive motivation that she felt when she first began teaching in Brazil led her to make it a career.

She explained that it could have felt like the worst day in her life but she would still get something from it. Each day that she displays feelings toward the class she is contributing to their education.

Even a little knowledge in another language can prove to be helpful, as former students can testify. Bergoudian relates how students pose simple questions to natives of foreign countries and begin long conversations that the have trouble keeping up with.

"They begin to talk with them as if they understand," she said. "And they do a little. By knowing a few words of the language they can follow a conversation."

"Learning another language is not so much the words, but the feeling of the language," she said. "It's intuitive."

Enchantment Made Easy

by Eileen Pacino
movie reviewer

If you have one drop of childhood innocence and wonder left in blood that more often runs on 80 proof, gags on cholesterol or sags from too few red corpuscles, you'll adore Rob Reiner's newest creation, "The Princess Bride."

Enchanting is not overstating the case for this sweet, silly, clever story that's brimming with every corny convention fairy tales have justifiably been revered and reviled for: castles; dungeons; sword play; monsters; giants; and evil prince; a virginal, oh-so-beautiful, oh-so-helpless princess; an oh-so-brave and oh-so-invincible hero; a love that endureth all things and, of course, a happy ending.

Sounds like an old Disney movie, right? Only Rob Reiner knows comedy like he knows the back of his hand, and he's learned from some great ones: Carl Reiner (his father), Mel Brooks and Monty Python, for good measure.

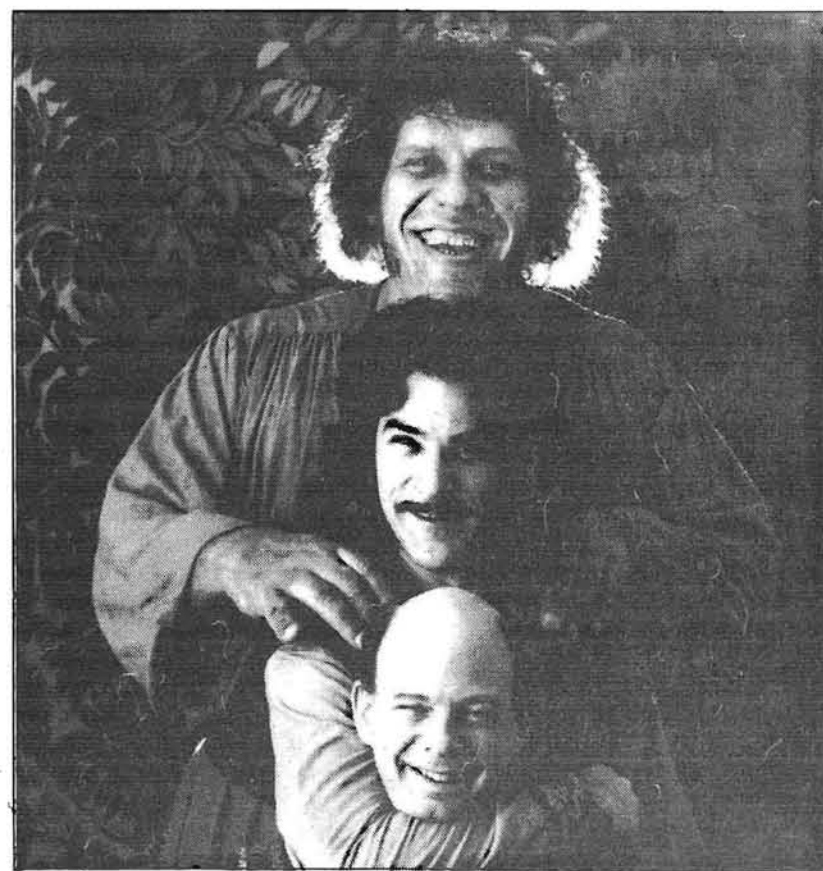
He doesn't make the mistake of bludgeoning the story or his characters with vulgarity, slapstick or low-brow highjinks. As producer Andrew Scheinman puts it, "...he plays it for real, with just a little glint in his eye...trusting the material to give

you the laughs."

That material is simple and just loaded with opportunities for laughs: A young princess, Buttercup (Robin Wright), falls in love with a Farmboy (Carl Elwes), then believes she's lost him in a storm at sea. Upon betrothal to the loathsome Prince Humperdinck (Chris Sarandon), she's kidnapped by three stumblebumps: Pint sized, peevish Vizzini (Wallace Shawn); jovial but simple gargantuan Fezzick (Andre the Giant); and hot-blooded Spaniard Inigo Montoya (Mandy Patinkin), who seeks revenge for the slaying of his father.

Buttercup is briefly reunited with her Farmboy lover, who now goes by the name of Westley; but their union is brief when Westley is thrown into the Pit of Despair, and Humperdinck, now king, makes plans to wed Buttercup, who knows that Westley will come to her rescue. Or will he?

Author and Oscar-winning screenwriter William Goldman ("Butch Cassidy and the Sundance Kid") crafted the magical, mirth-filled script from his novel, which began as a work for his daughter, but broadened into an all-ages fantasy of the "good parts" a young grandson pesters his crusty



MISFITS: Top to bottom—Andre the Giant, Mandy Patinkin and Wallace Shawn play three misfit kidnapers in the fantasy, "The Princess Bride."

grandfather to read to him when he's confined to bed with the flu.

If you want a spell of hysterical

enchantment cast over you for 90 minutes, go see "The Princess Bride."

LEO

from page 4

that to others. The 20th to the 22nd should be enjoyable. Your energy level is vibrant on the 16th and the 17th. Your mental processes are clear, and you are ready to explore new ideas and places.

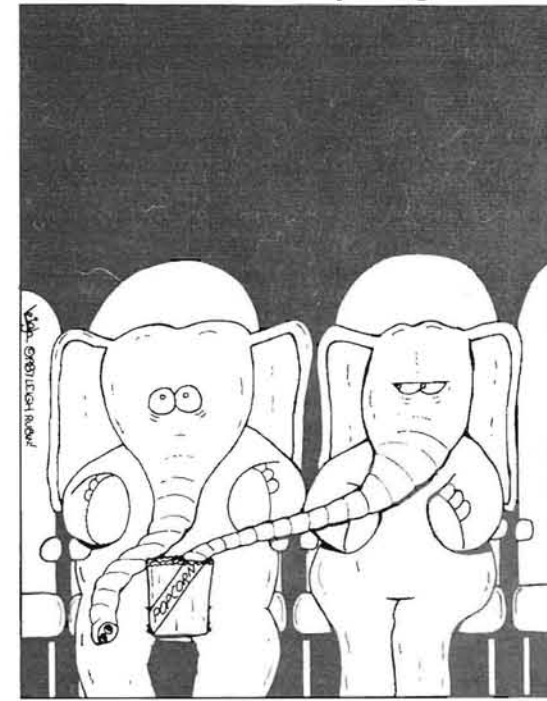
VIRGO (Aug. 22—Sept. 23): You are asserting yourself and communicating in a powerful way with people around you. Mentally, you are intense. This is a god time for digging down to the roots of a matter.

Research, investigation and communication are favored. The pace can be frantic this month. After the 13th, communication can go easily astray.

The 18th or 19th might see a minor conflict. Opportunities develop on the 22nd.

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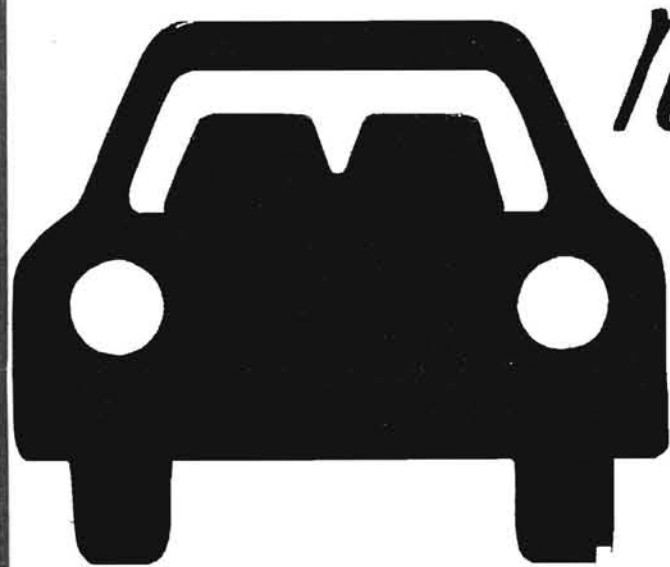
By Leigh Rubin



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J.C. Penney Auditorium

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Debating for the UM-St. Louis Team:

Bryan Ford & Suzan Harris

Debating for the British National Team:

Katherine Davey (Cambridge University)

G.T. Ramsay (Durham University)

Sponsored By: UM-St. Louis Forensics/Debate Squad, College of Arts and Sciences, University Program Board, Student Association, International Student Association, and the Political Science Academy.

Note: The British will debate **SIU Edwardsville** on October 12th, 2 p.m. at their Student Center.



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AROUND UMSL

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CURRENT

October 8, 1987

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Friday

12

Monday

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Wednesday

● **Sports. Men's Soccer:** UM-St. Louis Budweiser Classic begins at 6 p.m. Rivermen vs. Southern Indiana University at 8 p.m. Call 553-5641 for more information.

● **Metropolitan Studies: "Scenes From Vanishing Landscapes,"** an exhibit of color and black and white photos of urban scenes by William Stage from St. Louis will be in the Center for Metropolitan Studies, room 362 of the Social Sciences and Business Building. The hours are from 8 a.m. to 5 p.m. Call 553-5273 for more information.

● **The Alpha Players** present the play **The Pajama Game**, a light-hearted, happy musical filled with great songs at the Florissant Civic Center Theater at 8:00 p.m. Adults-\$5.50, Seniors and Students \$4.50. Reserve your tickets soon! Call the Box Office at 921-5678.

● **The Black Business Students' Association** will have an evening meeting at 5:30 p.m. in room 229 of the J.C. Penny building. The guest speaker will be John Hendrix of New York Life Insurance.

● **Women's Center: "Sexual Decisions and You."** Rosemary Petruso, parent-child educator in human sexuality and natural family planning instruction at Aware Center, presents a look at the issues surrounding sexual decision making for young adults in the Women's Center, 211 Clark Hall, from noon to 1 p.m. Call 553-5380 for information.

● **Chemistry Seminar: "Steric Enhancement of Resonance."** will be given by Krishna Pillay from UM-St. Louis, in room 120 Benton Hall at 4 p.m. Call 553-5311 for more information.

● **American Society for Personnel Administration** will hold an organizational meeting at 1 p.m. in room 225 of the J.C. Penny building. All interested students, staff, and faculty are invited to attend. This is an introductory meeting to determine members' interests before developing the semester program. For more information please contact Jim Hertel at 464-2516. Refreshments will be served.

● **Sports. Women's Soccer:** Riverwomen vs. Maryville College at 5:30 p.m. For more information call 553-5461.

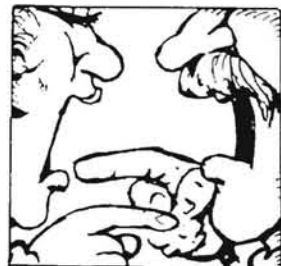
● **Sports. Men's Soccer:** Rivermen vs. Washington University at 7:30 p.m. Call 553 5641 for more information.

● **Women's Studies Seminar Series:** Robin Mack of the UM-St. Louis English Department will read poetry in room 318 Lucas Hall at 1:15 p.m. Call 553-5581 for more information.

10

Saturday

● **The University of Missouri-St. Louis Forensic and Debate Team** will hold its first international debate at 7:30 p.m. in the J.C. Penny Auditorium on the UM-St. Louis campus. For more information call Tom Preston at 553-5485.



11

Sunday

● **Premiere Performances: Los Angeles Piano Quartet.** This 10-year-old group will give the St. Louis premier of Gerard Sheldon Schurmann's "Quartet for Piano and Strings." Admission is \$12 for the general public, and \$7 for students and senior citizens. Call 553-5818 at UM-St. Louis for more information.

● **"What was the Music During the St. Louis World's Fair in 1904?"** will be the topic in this week's Creative Aging to be aired at 7:30 to 8:00 p.m. on KWMU (90.7 FM). Special guest will be John B. Hylton, Associate Professor of Music at the University of Missouri-St. Louis.

● **Zeta Tau Alpha** is having an **Alcohol Awareness Program** at 8:00 p.m. in the J.C. Penny Auditorium 101. The three guest speakers will talk about the hazards of alcohol when not handled responsibly.

● **Women's Center: "Double Standards. . . Women and Chemical Dependency."** will be given by Joan Bell, counselor for the St. Louis Council on Alcoholism. She will speak about the myths, stigmas and special problems relating to women and alcoholism/chemical dependency in room 211 Clark Hall, from noon to 1 p.m.

● **SMSTA (Student Missouri State Teachers Association)** will hold a meeting at 7 p.m. in the Marillac Conference room. The topic will be "Teaching the Special Child in Your Classroom."

● **Increasing Your Learning Power: Study Skills** workshop will be held from 2-4 p.m. in the Counseling Service, 427 SSB. Call 553-5711 for more information.

● **Women's Center: "A Workshop for Mothers on Teenage Sexuality."** Rosemary Petruso, parent-child educator in human sexuality and natural family planning instruction, hosts a workshop that will cover sexuality, parenting skills and communication to be held in the Women's Center 211 Clark Hall, from 7-9 p.m. Call 553-5380 to register or for more information.

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Tuesday

● **Increasing Your Learning Power: Study Skills** workshop will be held from 2-4 p.m. in the Counseling Service, 427 SSB. Call 553-5711 for more information.

● **An International Seminar** entitled "The German Question and European Integration After the Second World War" sponsored by the Center for International Studies, UM-St. Louis Department of History will be held from 1:30-3:30 p.m. in room 331 SSB.

● **Career Exploration Workshop** is offering individual interest testing, career counseling and a variety of career materials. This will be held from 2:30-3:00 p.m. in room 427 SSB. Call 553-5711 or drop by to register.

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Thursday



● **The Student National Education Association** sponsors "Aids in the Classroom: Issues and Lessons" to be held in the Marillac Hall Conference Room. The speaker will be Bev Colombo, St. Louis Effort for AIDS. All are welcome. For more information contact Peggy Cohen, Behavioral Science.

Material for "Around UMSL" should be submitted in writing no later than 1 p.m. Tuesday of the week before publication to Diana Sagitto, around UMSL editor, Current, 1 Blue Metal Office Building, 8001 Natural Bridge Road, St. Louis, MO 63121. Phone items cannot be accepted. Material may be edited or excluded to satisfy space or content requirements.



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DRAWING FOR A LARGE PRIZE

Fall Classic Is Here, Will Birds Win?

by Stan Wisniewski
assoc. sports editor

The Fall classic is rolling around so I guess it's time for a Current staffer to go out on a limb and make some predictions. By the time this is published, two of the National League playoff games will have been already played. So, keep in mind that I am writing this early (Sunday to be exact).

Commentary

The Cardinals and Giants will play a dramatic seven game series. The Cardinals will win the series with their great defense and some clutch hitting from Jack Clark, even though Clark isn't expected to make an appearance until the sixth game.

Clark has some intense feelings about the Giant organization, and those feelings are not that nice. He wants nothing better than to beat his old employers.

Another factor in the Birds' favor is that the Giants have not seen John Tudor at all this year. Tudor should manhandle the Giants.

Playoff MVP: Jack Clark.

The Tigers will be a little flat after their emotional series with the Bluejays, but they will come back to beat the Twins in six games.

The Twins have a pretty good lineup, but it won't stack up against the Tigers who are peaking at the right time.

Jack Morris, the ace of the Tiger's staff, will beat the Twins twice, and he will probably be on the mound when the Tigers win the pennant.

Playoff MVP: Jack Morris.

The World Series will pit the speed and defense of the Cards, with the natural grass and smaller ballpark of the Tigers.

But, like they used to say in the late sixties, "Speed kills."

The Cardinals will be the champions again this year after beating the Tigers in seven games.

Think of it as revenge for the 1968 series. The birds lost to the Tigers that year after winning the Series in 1967.

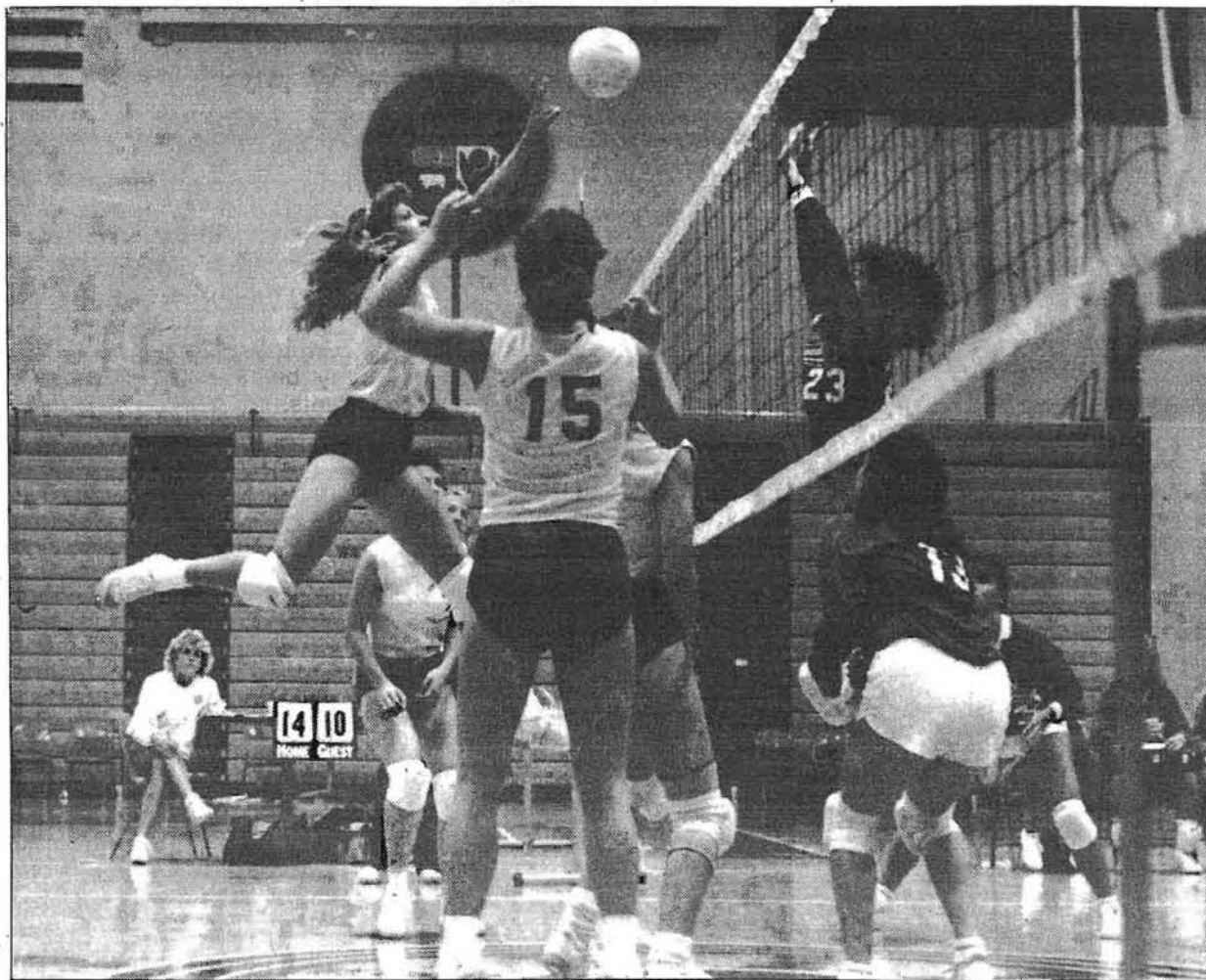
Series MVP: Ozzie Smith.

Hint: Look for the natural grass in San Francisco and Detroit to be extra high and wet to negate the Cardinal's speed and the way the Birds pound out the infield hits.

Swim Team Looks For Participants

The University of Missouri-St. Louis swim team is looking for female swimmers who would be eligible for competition in 1987-88. Head coach Mary Liston is also searching for divers, male or female.

All full-time students interested in trying out for the team can obtain additional information by contacting coach Liston at 553-5685 or by stopping by the pool, located in the Mark Twain Building.



UP, UP AND AWAY: Senior hitter Sharon Morlock goes up in the air to put the ball over the net. Morlock was named the Missouri Intercollegiate Athletic Association's "Co-Player of the Week." With 75 kills, 10 blocks and 27 digs, Morlock shares the honor with Joyce Ann Mackenzie of Southwest Baptist.

Netters Have Perfect Week

by Stan Wisniewski
assoc. sports editor

The UM-St. Louis Volleyball team finished last week with a perfect record of 8-0.

They started it off by beating Quincy College 15-4, 14-16, 15-12, 15-13 on Wednesday. The Riverwomen continued their winning ways in the UM-St. Louis Invitational, winning the tournament with a 7-0 record.

In winning the tournament, the team raised its record to 26-4, the fourth highest total in the 14 year history of the program. The Riverwomen need only six more wins to break the school record of 31 wins in a season.

In the tournament, the Riverwomen lost only one game, which came in the finals against St. Francis College out of the Chicago area.

"They put six solid players on the floor," said St. Francis coach Rich Luennemann of the UM-St. Louis squad after losing the championship match. "They have good digs and cover. The team is very fundamentally strong."

In the game, the Riverwomen displayed their best team effort of the season from start to finish, according to coach Denise Silvester.

"We adjusted really well to the St. Francis attack," she said. "They tried to exploit our weakness, but we kept adjusting."

Another high note for the team was the play of seniors Chris DeHass and Sharon Morlock and of freshman Carla Addoh, all of whom were named to the eight-player All-tournament team.

"Carla was really sick (with the flu too)," Silvester said, "but she played very well."

This weekend, the Riverwomen will travel to Bowling Green, Kentucky to play in the Western Kentucky Tournament. In the tournament, UM-St. Louis will face Southeast Missouri State University, whom they have already beaten once this year.

"I expect Southeast to be extremely pumped up to play our girls," Silvester said. "They will work to beat us."

In last night's action, the Riverwomen defeated Washington University 15-7, 15-17, 15-13, 1-15, 15-8.

Netter Notes: Senior hitter Sharon Morlock shared this week's "Player of the Week" honors with Southwest Baptist's Joyce Ann Mackenzie. Morlock had 75 kills, 10 blocks and 27 digs.

Also, Jean Deahn will be available for action in 1987 as she will not be redshirted this season.

Riverwomen Experience Some Ups And Downs

by Pam Watz
reporter

The Riverwomen soccer team played inconsistently this week, winning Wednesday and losing Saturday after finishing second in the St. Louis National College Women's Budweiser Tournament.

The team defeated Northeast Missouri State University 2-1 on Wednesday as UM-St. Louis opened the scoring in the first half.

Kathy Guinner put the Riverwomen in the lead when she received the ball from forward Cathy Roche at the 19:24 mark.

Guinner currently leads the Riverwomen in goals scored with eight, while Roche, who is second on the team with five goals, is the UM-St. Louis leader in assists with seven.

Northeast Missouri State then succeeded in tying the match at 1-1 at the half.

"When they tied it," coach Ken Hudson said, "I thought, 'Here we go—they're going to come back and win it because they had the momentum going in their direction.'"

The final goal came when Laurie Aldy passed the ball to Stephanie

Gabbert at the 81:55 mark.

"It was a pretty goal," Hudson said. "She shot that ball from about 30 yards out."

Hudson was pleased with the team's overall performance and felt that the Riverwomen deserved the win.

"We played good," he said. "They were lucky to score on us. We pretty much dominated the game, and for us having three players out (Kathy Casso and Micki Frederiksen), they didn't do much."

On Saturday, UM-St. Louis played Southern Illinois University-Edwardsville only to add a disappointing loss to their record.

The loss was the first ever to a local team in the history of the UM-St. Louis program.

After the Cougars opened the scoring, Cathy Roche tied the score at 1-1 as Laurie Aldy dished out the assist at the 30 minute mark.

SIU-Edwardsville then scored two more goals, putting them ahead 3-1.

Aldy added one more for the Riverwomen with Roche receiving the assist, but it wasn't enough as the Cougars put the game away with their fourth goal, leaving the final score at 4-2.

"We didn't play up to our capabilities," Hudson said. "We gave up some real bad goals. We didn't play smart. We couldn't clear the ball, and there was no distribution."

The Riverwomen played both matches this week without starter Kathy Casso and Micki Frederiksen because of injuries in the Budweiser Tournament. Casso is expected to play this weekend when the team travels to Colorado for three games. Frederiksen will remain out of action with a knee injury for the next few weeks.

In Colorado, the Riverwomen will play Northern Colorado State University on Friday, Colorado College on Saturday and Metropolitan State University on Sunday.

"If we play like we did on Saturday," Hudson said, "we're going to be in for a long weekend. 'If we play like we did in the Budweiser Tournament, then it will be a different story.'"

A story that may include a happy ending.

Riverwomen Notes: The Riverwomen will return home to face Maryville College Wednesday at the UM-St. Louis Soccer Stadium.

Rivermen Fall To NE, Lose No. One Spot

by Diane Schlueter
sports editor

The Rivermen soccer team's stay at the top was nice while it lasted.

But after learning of their number one ranking on Tuesday, the team went on to drop their next game on Wednesday against conference foe Northeast Missouri State, 1-0.

With the defeat, the Rivermen dropped to fourth in the Intercollegiate Soccer Association of America/Gatorade Division II Poll and flawed their perfect record, which was 8-0 at game time.

"It was just one of those games that we didn't take advantage of our opportunities, especially second half," head coach Don Dallas said. "I think the team realizes that they are a good ballclub. Any time you play someone in the conference, you can expect a good battle."

"Northeast is the best of the other three ballclubs in our conference, not including us. They haven't received the recognition that they deserve. Northeast's only problem is that they don't (usually) play well against us."

The only goal of the match came at the 20th minute mark when Northeast's Alex Kuinones put the ball into the nets. Northeast out shot the Rivermen 8-7.

After the loss, which dropped UM-St. Louis' record to 8-1, the Rivermen came right back to romp Southeast Missouri State University 5-0.

Not allowing a shot on goal until the 76th minute mark, the Rivermen displayed excellent defense as UM-St. Louis out shot the Indians 13-4.

Scoring goals for the Rivermen were Mike Hennessy (2), Mark Reiter (2) and Paul Bielicki. The goal for Bielicki was his first in two years after sitting out the 1986 season with a knee injury, which he had suffered during the offseason.

Mark Reiter continues to lead the Riverman offensive attack. With nine goals and eight assists, Reiter leads all UM-St. Louis scorers.

Riverman goalkeeper Jeff Robben recorded his fourth shutout on the season, giving him 15 in his career.

Coming up this weekend is the 1987 version of the UM-St. Louis Budweiser Classic. Matchups in the tournament this year include a pair-

ing of Southwest Missouri and Benedictine on Friday at 6 p.m. and a meeting of UM-St. Louis and Southern Indiana at 8 p.m.

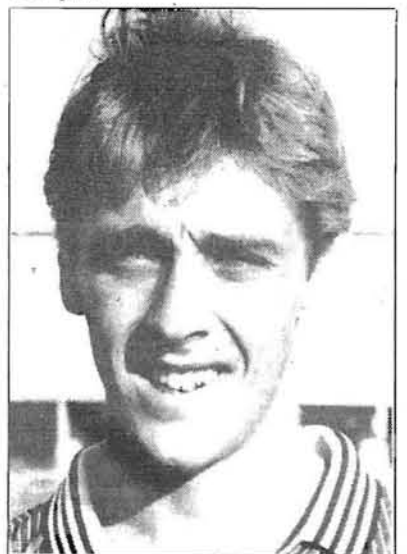
A consolation match will be played Saturday at 6 p.m. with the championship match scheduled for 8 p.m. All games will be played at the UM-St. Louis Soccer Stadium.

"It will be a tough tournament," Dallas said. "It will be very competitive, as it has been every year. Across the country, the gap between the good and the not so good teams has been narrowed over the years, and now you see a lot of teams that are very equal."

"Benedictine has always been tough, and Southwest Missouri and Southern Indiana have really improved."

On Monday, the Rivermen will travel across town to face St. Louis University at 7:30 p.m.

The Rivermen will play host to cross-town rival Washington University on Wednesday at the UM-St. Louis Soccer Stadium. Kick-off time is set for 7:30 p.m.



Mark Reiter
leading the Rivermen

Riverman Notes: For his efforts in the recent National Invitational Soccer Tournament, Riverman soccer player Mark Keller was named the Missouri Intercollegiate Athletic Association's "Player of the Week" last week.

Keller scored the game-winning goals in UM-St. Louis' wins over Lock Haven and Oakland University in the tournament.



IT'S MINE: UM-St. Louis defender Laurie Aldy (8) races for the ball as an opponent does the same. The Riverwomen will face Maryville College at home Wednesday at 5:30 p.m.

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Personals

Hey Michelle! Happy 21st birthday!! (or Sweet Sixteen???) We'll have to go again when Bobs' playing. I'll let you know. Diana.

What's wrong Bob? Too much heat in the kitchen? Looks like you failed at another endeavor. Guess the only thing left to try is the Current. Maybe you can screw them up. Face it, you are a failure. Good riddance.

To: Less than criminal and concerned UMSL student.

Whomover you are, thank you sooo much. I sincerely appreciate your help! You must know Autos. P.S. I do need a tune up. Thanks again!

We met and talked briefly at mothers in Chicago. Would like to meet with you again... but where did we say we would meet? P.S. How was the train ride home.

A warm thank you to the students and faculty for Expo support.

Rusty: Welcome to Delta Sigma Pi, little brother! It will be a great semester! Good luck! Your big brother, Lisa

Biotech

from page 1

animals and microorganisms of which only one-third are named and classified," he continued.

"In 1850, there were one billion people on this planet. By 1950 it was two billion, now it is five billion. By 2020 it will be 10 billion. At the present rate we will need to increase food production 60 percent to feed the world's population," Raven said.

"Africa produces one million new people each week. 40,000 people starve to death there each day. We need to achieve global political and economic stability and control the movement of people across continents and realize that sustained productivity is necessary to achieve this stability," Raven said.

"At the present rate, humans use 40 percent of the earth's photosynthetic productivity on land. 40 years from now, when the earth's population has doubled, will we be able to achieve 80 percent productivity?" Raven asked. "To escape biological extinction, we must make the most efficient use of land to sustain population growth."

"The U.S. has the most invested in molecular study," Raven continued. "But we are caught in the throws of discussion. We know, but we're not

using. Instead, we are wondering about the possibilities. Let's use the tools at hand and judge the products by their impact on the environment and improve."

and religious dimensions. Good for that," he said.

"The essential social question is who are we and what would we be?" stated Father Brungs. "The industry is now directed at plants and animals. Are human applications to follow? As animals have become a commodity, will the whole chain of

life become a commodity?" he asked.

Through the use of parable, Father Brungs was able to illustrate the ambivalence surrounding new technology. Researchers and entrepreneurs find it fascinating and inspiring, while the great masses recall the disasters at Chernobyl and Bhopal. "The social problems it may create now are few, but biotechnology will broaden and deepen social, political, economic

"And what will precise tools be used precisely for? What is our betterment? Where does our betterment override other life forms?" he asked further.

"The techniques are neutral, he said. Humans are not." "We fail to make the world better unless we see who we are. Biotechnology will enlarge the stage, not rewrite the play. That is our responsibility. We must not write a tragedy."

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