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The Missouri Miner, October 01, 1997

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The

Missouri Miner

A publication of the students of the University of Missouri-Rolla

October 1, 1997

Volume 87, Number 5

Twenty-Eight Pages

In This Issue

Verve: The sky is falling!
- page 5

Sports: Miner cross country places first.
- page 7

JMR Police offers help against harassment, stalking

by **Brian McBride** - Staff Writer

In the September 17 issue of the Missouri Miner an opinion discussed the possibility that the "paint-darkened tunnel and graffiti as an indication of assented security easures" and these concerns do force us, all of us, to take a look at the overall safety situation on campus."

The article went on to say that the comfort level of women walking on campus at night serves as the standard test of university safety and "few women complain of excessive fear while on campus at night"

The last statement is supported by the fact that although there is a security escort service provided by the university police, few women on campus take advantage of it.

The statement is also supported by campus crime statistics which show 88% of 1996 crimes that occurred on campus were property crimes (burglary, stealing, auto theft and arson). The other

two percent were crimes against persons (homicide, rape robbery, assault) and fell into the assault category. Historically, crime against persons at UMR occur within the 2-4% range.

Over the last three years the reported number of crimes in 1994 was 124, in 1995 it was 123, and in 1996 it was 146, with the main increase in 1996 coming from stealing of property.

Missouri State Statutes hold that a person commits the crime of harassment if:

1. for the purpose of frightening or disturbing another person
2. (s)he does any of the following:
 - a. calls the victim on the phone or sends him/her a written message in which (s)he threatens to commit a felony: OR
 - b. calls the victim on the phone or sends him/her a written message in which (s)he uses coarse language that would be offensive to the average person: OR
 - c. makes an anonymous phone call to the victim: OR
 - d. makes repeated phone calls

A person commits the crime of stalking if that person:

1. a. purposefully; AND
- b. repeatedly
2. a. harasses; OR
- b. follows; WITH
3. a. the intent of harassing
- b. another person.

that these phones do work and police officers quickly respond to any call made over such a phone.

However, emergency phones are

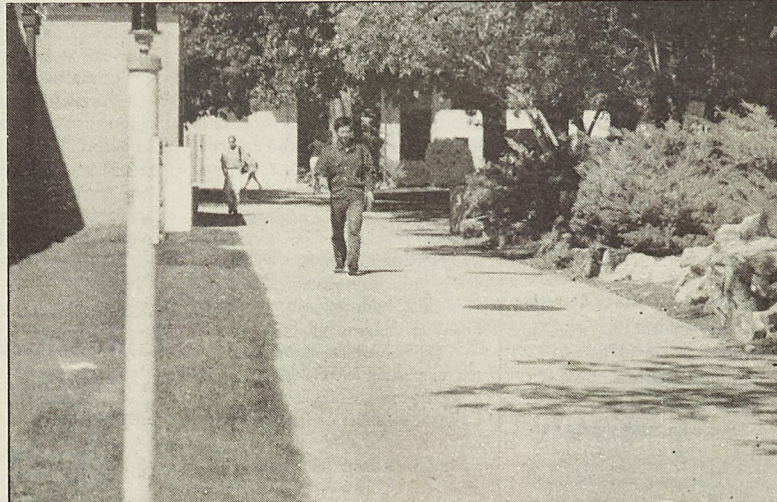
not usually used for crimes such as harassment, and the article expresses concern that on paper harassment may look trivial and not felt to be important enough to merit reporting.

Several questions were asked in the article that revolved around a person having a problem with someone who has not touched them but "he's been calling three times a day, and I see him following me around."

"I'm getting scared." The article asks, "How can she dissuade her pursuer beyond saying no?"

First of all, Chief Bleckman says, the University Police Department takes situations involving harassment, whether it be by phone, email or in person very seriously and he encourages anyone experiencing harassment to contact his office or Denise Schlake, Judicial Officer, Student Affairs.

In the example above where a person is receiving three calls a day, it is obvious the person is being harassed (receiving repeated phone calls) espe-



One of the 35 emergency phones scattered across campus.

photo Ryan Shawgo

cially if the victim has told the caller not to call anymore.

Again using the example above, the person is being stalked if they are being followed and it involves harassment.

These are situations where the police department or Judicial Officer should be contacted. In almost all cases, contact with the offender by either department usually stops the harassment. In rare events it sometimes becomes necessary for the county prosecutor to file charges when the offender refuses to stop.

Chief Bleckman also wants every-

one to know that an article dealing with phone harassment can be found on the UMR Police Department's home page at <http://www.umar.edu/~police>. Once there click on the "Harassing Phone Calls" icon.

Also located on the department's home page is a "Crime Blotter" page, where a synopsis of crimes occurring on campus are published, and a "Crime Alert Bulletin" page, which is utilized occasionally when particular crimes

see Harassment on page 19

Researchers give atmosphere a checkup

by **Ellen Huggett** - Staff Writer

As a part of an international study of how aircraft exhaust affects the atmosphere, UMR researchers will sample air particles from the world's most heavily traveled flight corridor. Starting this week and continuing through October 15, Drs. Donald Hagen and Philip Whitefield, researchers from UMR's Cloud and Aerosol Sciences Laboratory, will participate in the conducting of the tests from Shannon, Ireland.

"There is no real problem that has been identified," Hagen said. "This testing is like going to the doctor to have a physical. You don't even have a pain in your side. But if we're going to see an effect, this is where it will be."

The North Atlantic Flight Corridor is the most heavily traveled flight corridor in the world. In addition to the

volume, the aircraft follow narrow, well-defined flight paths. "These paths, called the Organized Flight Track, make it particularly interesting to study," Hagen commented.

Interesting enough to attract American and European scientists, NASA's SONEX (Sass Ozone and Nitrogen Experiment) and the European Economic Community's POLINAT 2 (Pollution from Aircraft Emissions in the North Atlantic Flight Corridor) teamed up to conduct tests.

"This testing is like going to the doctor to have a physical."

-Dr. D. Hagen

all of its instrumentation on board and the Falcon (a German research plane), plus all the modeling by these scientists, will give enormous data that will help us understand how aircraft emissions are affecting the atmosphere."

According to Dr. Hagen, "the results of this study may provide evidence upon which the decision whether or not aircraft engine modifications need to be made, from a pollution standpoint."

Until five years ago, the possibility of measuring the effects of aircraft exhaust on the atmosphere was not known. The first POLINAT, in combination with Germany's DLR (Deutsche Forschungsanstalt für Luft und Raumfahrt) program proved that it was possible.

Hagen and Whitefield participated in those studies, also, in summer and winter 1995 through NASA funded research. The report on the data from the first POLINAT was published in September 1996. "There was no one gusty, one-liner type conclusion," Hagen explained, "What the report did say was that it would be possible to define the effects of aircraft on an air corridor."

For the current project, "we have to know the type of every single aircraft

see Exhaust on page 19

Two University Center renovation plans proposed

by **Brian McBride** - Staff Writer

On Tuesday of last week, a forum was held to discuss the renovation of the University Center.

Architects brought in their conceptual designs based on previous forums on the needs and wants of the students. They had

floor plans and elevation shots of two proposed plans.

The first plan is estimated by the architects to cost \$12 million. This plan consists of gutting and completely renovating the UC-East building and adding an 18,000 square

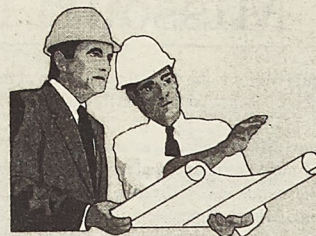
foot addition.

Plan B is slightly less expensive estimated at \$4 million. This plan includes major remodeling but no addition. An entrance would be

added on the west side of the building. The food service area would be updated with new equipment and serving lines. The game room would be modified and

rededicated along with the restrooms.

These conceptual plans will now be sent to Student Council to be reviewed. StuCo will then have to decide on a possible fee increase. No time table has been set for the implementation of this project.



In A Nutshell

♦ **Visitors Night at the UMR observatory**, sponsored by the UMR physics department, will be held Friday, Oct. 10 at 8 p.m. The event is open to the public, and weather permitting, the moon, Jupiter and later in the evening, Saturn can be observed with a 16-inch telescope.

The Observatory is located off of Highway 63 North, north of McNutt Hall and west of St. Patrick's Lane. For more information contact John Schmitt at (573) 341-4369 or e-mail at jschmitt@physics.umn.edu.

♦ **Phelps County Health Department** will be on campus October 14, from 8 a.m. to 12 p.m. and October 28, from 12-4 p.m. in the Missouri Room-UCF to administer the flu vaccine.

The clinic is open to all students, faculty, staff, spouses and family members. The cost will be \$8 per shot (exact amount of money for payment would be helpful). No doctor's order will be required except under extenuating circumstances (for example, pregnancy).

♦ **The UMR Bookstore** will begin returning most **unsold textbooks** to the publisher at mid-term. They recognize there may be certain titles that should be kept in stock.

If there are any titles that you would like to put on hold, you need to let the bookstore know as soon as possible.

Please respond by email at bookstore@umn.edu or call the bookstore at 341-4705 with your request.

Networking Greek life

by Brian McBride
Staff Writer

There has been a great deal of talk around campus (particularly in fraternities and sororities) about the university supplying networking lines to fraternities. Many people have been wondering what happened to this great idea.

Adding these extra lines will greatly reduce the problem of busy phone lines for those dialling up, reduce the number of people in the campus CLCs and increase CLC convenience to Greek life in general.

On Thursday of last week after many months of arguing with the university over contractual issues, Rolla Municipal Utilities signed a contract to finally set things in motion.

The networking lines need to be run on existing telephone poles. This brings up many issues such as maintenance and liabilities that have been sorted out over these many months. This contract now needs to be signed by the university. This is expected to happen without delay, as long as no changes have been made.

The individual residence hall rooms are currently being networked. This process is about half complete and is expected to be fully complete in two to three years.

Electrical engineering building to be rededicated

by Casey Morriss
Staff Writer

At 2 p.m. on Friday, October 10, the Electrical Engineering building, located on the northeast end of campus, on the corner of Rolla and 16th streets, will be no more. From that time forward it will be known as the Emerson Electric Company Hall.

The rededication, which is part of the events surrounding Homecoming,

reflects the recent expansion and renovation of the building, made possible in part by a \$1 million gift from Emerson Electric Company. There will be a reception following the ceremony in room 136 of the Emerson Electric Company Hall. In addition to the money from Emerson, the Amendment 4 bond issue, which passed in 1994, provided \$6.9 million for the project. The project also received financial support from the National Science Foundation, UMR and

other donors. The electrical engineering building was originally constructed in 1958. Dr. E. Keith Stanek, chair of the electrical engineering department at UMR, points out that at the time, "vacuum tubes were gradually being replaced by transistors."

see EE Building on page 19

Irradiation proves to be best method for food preservation

by Ellen Huggett
Staff Writer

According to a UMR researcher, irradiation of meats, fruits and vegetables will keep them fresher longer and ward off bacteria such as E. coli.

Irradiation, a practice approved in many countries including the U.S., keeps meats, fresh fruits and vegetables fresher longer and contamination free for months, not days.

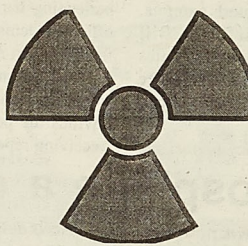
Just how long can irradiated foods last? According to Dr. Mueller, pork loins can last about 90 days as compared to 40 days normally treated. "The life

expectancy of fresh fruits can be increased from a week to a month." Preservation time for strawberries, for instance, can be increased from a few days to up to four weeks!

"Millions of people get sick every year due to food contamination, and some even die," said Dr. Gary Mueller, an associate professor of nuclear engineering at UMR.

Approximately 30 million people

in the U.S. alone get food poisoning each year, and about 7,000 of those people die. The most recent occurrence of food poisoning scare was the recalling of hamburger meat contaminated with E. coli bacteria. "Cooking that contaminated hamburger according to regulation would have killed the bacteria," Mueller says, "but a safer and better approach to keeping foods contaminant free is irradiation."



"A solution to the problem would be to irradiate the food in the processing, before it is shipped to market. Irradiation kills spoilage organisms and slows the natural ripening processes, creating extended shelf life. It also reduces foodborne illnesses by reducing or eliminating pathogens, such as E. coli, and finally the process is safe, cost effective, highly successful and government-regulated by those countries now using the method."

What about taste and nutritional

see Irradiation on page 19



The Missouri Miner

The **Missouri Miner** is the official publication of the students of the University of Missouri - Rolla. It is distributed each Wednesday in Rolla, Missouri and features activities of the students of UMR.

The **Missouri Miner** encourages comments from its readers and will attempt to print all responsible letters and editorial material received. All submissions must have a name, student ID number, and phone number for verification. Names may be withheld upon request.

The **Missouri Miner** is operated by the students of UMR and the opinions expressed in it do not necessarily reflect those of the university, faculty, or student body.

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Submissions for publication must be in our drop box (first floor of Norwood Hall, room 103) by 3:30 p.m. on the Thursday before publication. Submissions, not including personals, will be accepted through e-mail at miner@umn.edu. The Missouri Miner reserves the right to edit all submissions for style, grammar, punctuation, spelling, length, and matters of good taste.

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Opinions

Letter To The Editor

To The Editor:

When people think of "hazing," the first thing that they probably think of is National Lampoon's "Animal House" and the paddling and drinking that was portrayed in it. However, today's definition has expanded beyond the confines of the physical and alcoholic aspect of the issue. Today, anything done to threaten only the physical but the mental health of a new member (i.e., pledge, associate member) of any organization is considered "hazing." Recognized student organizations include not only Greeks but also academic departmental, governing and programming, honor and professional, intercultural, media and publication, recreation and sports, religious, residence hall, service, and social and special interest.

Organizations conduct certain activities during a pledge program to educate their new members. Pledges learn the history of the organization, the traditions of the organization, and the operations of the organization during their pledgship. Anything that does not conform with these teaching or with helping the pledges develop into respectable, sociable, and well-rounded individuals should be replaced with something that does

have a positive impact on them. Emphasis should be placed on individuals, not on groups. Chapter unity, rather than pledge class unity, should be stressed. Rather than participate in pledge activities, pledges should participate in chapter activities along with the active members. Membership education should be the responsibility of each active member, not just the pledge trainer or educator. Pledge lessons should be understood and applied, not memorized and forgotten. Individual development, growth, and learning should not end with initiation into active membership but should continue throughout the members days in the organization. Fear and intimidation should not be used to motivate pledges to become active members. Rather, pride in oneself, a feeling of acceptance into the group, an understanding of what the organization stands for, and the emergence of self-respect and confidence should motivate pledges to become initiated into active membership.

Pledges are entitled to certain rights within an organization. They should have the right to individuality, dignity, equality, participation, privacy, respect, and support. Along with the desire to become part of an organization comes certain responsibilities as well. Pledges should be responsible for personal growth, for loyalty, for responsible con-

duct, to participate in all activities, and to respect older members. Finally, they should be accountable for learning, understanding, and living the principles of the organization of which they hope to become an active member. However, all members should be entitled to these rights and should accept these responsibilities, not just the pledges.

Pledge programs have always been based on these ideals. Over the years, organizations have unconsciously intermingled "hazing" with the teaching of these principles, or its definition has expanded to include what was once not considered "hazing." In time, it becomes tradition. This is not to say that all traditions are necessarily negative. Some are very positive. Each organization, however, must evaluate its own pledge program for any negative traditions or "hazing" and discuss how to eliminate them. Doing so will protect your new members and your organization as a whole.

If you have any questions about "hazing" or if you feel that it may be happening to you or someone you know, consult the Student Organizations section of the Student Handbook and/or your faculty advisor.

Name withheld by request

Letter To The Editor

Dear Editor,

My name is Jessica Bigas. Yes the same Jessica that was "interviewed" by John Johnson in last week's Miner. In the past I have enjoyed reading the Missouri Miner from week to week and have on occasion read John's attempts at humour. His articles are normally pretty innocent and are generally no more than just a lame attempt at gaining attention. But last week's article was different.

Yes, John did in fact talk to me about Canada, but it was not until some time later that I found that his questions were in fact nothing more than "research" for one of his pitiful columns. I want to state right now that John's column was far from humorous. It was an insult to my native land and my people.

Canada, the 51st state indeed! I'll have you know that the U.S., as a whole, is nothing more to us Canucks than the 11th province. (Or is that the third territory?) And concerning John's little "facts" about Canada, well, I have a few facts of my own to share with you:

1) In 1812 the United States was defeated by Canadian Troops thanks to our national hero Laura Secord. How do you like that for "...overcoming many odds..."?

2) Ice is NOT Canada's major export! It's actually beer. I mean, seriously, do you people actually import ice? Now that's sad. Maybe you should take some ice-making lessons from the Canadians, eh?

3) So you "Americans" actually consider yourselves a "civilized" nation when you have to pay for your own health care? You want to talk about "fairy tale land," as John put it, look no further than the U.S. Health Care system!

4) And finally, on a side note, what's up with your pronunciation of the letter "Z"? What the heck is a "zee" anyway? Try "zed" and you might sound remotely educated. And speaking of education, I won't even begin to quote from a famous UMR Physics professor concerning the U.S.'s decrepit schooling system!

So the next time you sit down to enjoy one of John Johnson's humour columns usually found on page 8 of this paper, or visit his "funny" web site, just remember one thing: He's just another average American, and I'm "sorey," but that's not saying much, eh!

Jessica Bigas

Editors' Note:

The editors of the Missouri Miner wish to apologize to anyone offended by the humor column. We printed the article after a decision that it was not intended to mock the Canadian culture, but rather that it acted as a self-mocking of stereotypical American ignorance of geography and other cultures, a satire on the cliché American hubris. However, clearly there was another interpretation, and we sincerely apologize to any that were offended by the article.

A City Altered: Reflection on the Oklahoma City Bombing

An editorial by Editor-in-Chief Amy Jones

As the second trial concerning the Oklahoma City bombing opens this week, I am reminded of the horror experienced by the city in the weeks following the explosion. Suddenly my hometown of 14 years transformed into an alien location, a hostile environment. Students at my high school many miles away from the Murrah building felt the blast, and within five minutes, we were watching television footage of blood-stained victims struggling from the wreckage.

The news coverage was bluntly graphic. A disclaimer on the bottom of the screen instructed parents to keep young children from watching the events; some of us wished that we were in that age too young to understand. Though the powers that be may claim that violence on television desensitizes the public toward such acts, the new perspective of the pictures being so close to home increases my shudder each time I view such violence now.

The horror helped to bring us together, however, and soon we saw ourselves depicted nationally. The "Heartland of America," so often the punchline to redneck jokes and backwards humor suddenly reminded all Americans of some hometown roots, some sense of security violated.

Our unity established itself in a variety of forms: we wore multi-colored ribbons, one for the state as a whole, one for the children, one to bring

trapped survivors out safely, one for peace; we drove with our lights on, a city-wide caravan of funeral mourners; we donated time, goods and money to the victims and families, the office supply store where I worked helped to rebuild many of the offices torn in half by the blast; we mourned together, for weeks afterward, our first words to one another were, "Did you know anyone ...?" -- we didn't need to finish the question, and possibly couldn't have.

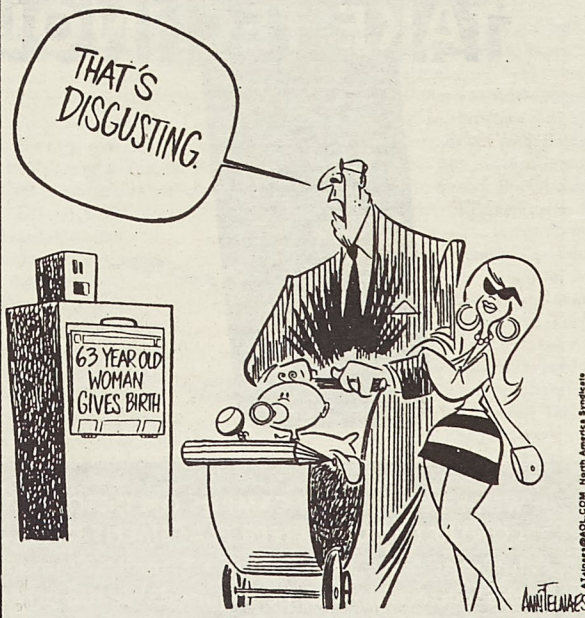
Not too much time passed before we had two faces to associate with these acts. An eerier sense of unity crept upon us. One would be shocked by the potential punishments and retributions

imagined by the people of Oklahoma City. Could Timothy McVeigh or Terry Nichols have a fair trial in Oklahoma City? Certainly not. And there we see a city changed forever.

Some call Oklahoma City nothing more than a big cow town, unprepared for such a tragedy. Perhaps those people are right, but the real tragedy lies in the fact that it took but one moment to transform such an unprepared, quiet city into a group of disillusioned citizens ready for such madness to return, and that the knowledge that it may strike anywhere, anytime extends far beyond the Heartland of America and will remain.



...Yet another group attempts mass suicide.



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EXPECT GREAT THINGS

Verve

A person you should know: Dr. Oliver Manuel

by Kristen Hartman
Verve Writer

It's Monday morning, and you manage to wake up and go to class, again. Be it history, English, math or chemistry, you probably spent two hours the night before staring blankly at your homework not understanding it, not knowing when you're ever going to need this information and not caring. Or, you spent 10 minutes before class memorizing lists of information for your quiz just so that you can forget it immediately after class.

This situation is familiar to students at academic institutions across the United States. Students sit in classrooms to learn a profession in order to get a job, but a 40 hour per week job only occupies 23.8 percent of your time during a week. You spend four to five years, if not longer, in school and are prepared to live approximately a quarter of your life.

This is an interesting perspective. It's a perspective UMR chemistry professor Oliver Manuel has closely examined. If Manuel could overhaul the operations of academic institutions and transform the views of society, education would not be about lecture halls, grades and requirements. Education would be about preparing you for life instead of a profession. It would be about protecting your creativity.

"I think each person has creative talents and their individual happiness depends on their expressing those creative talents," Manuel said.

Manuel's companion in thought is J. Krishnamurti. In the second series of Krishnamurti's book "Commentaries on Living," he asks, "It is to learn a technique and to have a job, a profession, that we go through this process of having the upper mind stuffed with facts and knowledge, is it not? Obviously, in the modern world, a good technician has a better chance of earning a livelihood; but then

what?"

People will respond to this question differently. Some people are ath-

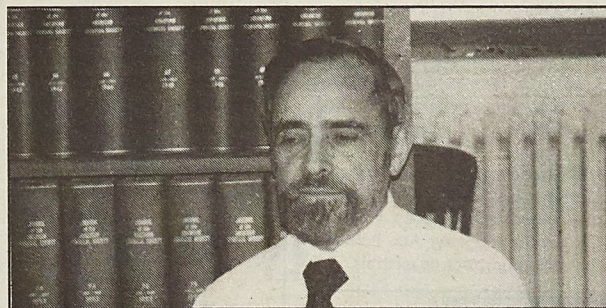
"You should find what you love to do and get someone to pay you to do it. That's the right job for you," Manuel

den's creative abilities so that this may be an achievable goal?

Manuel offers some suggestions. First, Manuel does not think grades are an accurate measurement of talent. Instead, he says grades measure a student's ability to meet the demands of his or her teachers and too much emphasis is put on them. "Students come to perceive themselves in terms of the grade they get," Manuel said. "They don't realize that's not where their creative talents are. We (educators) don't stress that each person has different talents and different creativity and they should be valued for that."

Second, Manuel thinks students should go to class because they want to, not because they are required to take so many credits of English, humanities, math and science in order to graduate from an academic institution. "Let people learn what's fun for them. If a student

see Manuel on page 19



Dr. Oliver Manuel encourages students to keep creativity a part of his or her education.

photo by Wendy Hoffman

letes, others are artists, singers and writers, but more often than not, these are just hobbies. According to Manuel, there is an ideal to be achieved.

Unfortunately, it is not that easy, but how can the educational system be modified to put an emphasis on stu-

Birthdays: A fact of life

by Sarah Albers
Assistant Verve Editor

Birthdays aren't huge in my family, but whoever's birthday it is can choose the special dinner for the night and the family bakes the person's favorite cake and the family sings "Happy Birthday" and then the candles are blown out. A very typical, normal family birthday.

I can remember when I was a small child that birthday's were huge. Birthdays are the best holidays in the year, aside from Christmas, and even better sometimes. My mother would bake cookies and bring treats for my class in elementary school and we would have a party at the end of the day. The best days at school were when it was someone's birthday.

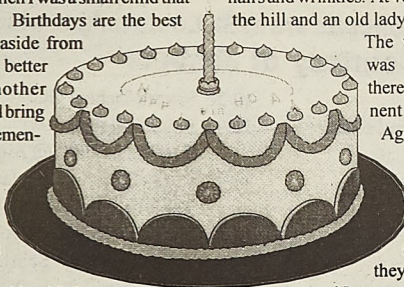
As I have grown older, birthdays have lost a little importance in our lives. True, the 16th birthday is a special occasion because the first signs of freedom overwhelm us all with the thought of tearing down the road without our parents driving our own car. The 18th birthday,

when the driver can become a voter and if he is a male, then can be drafted into the military as well. You must not forget the disappointing birthdays too. The 17th and 15th birthdays are pointless, showing that we all have another year before the important birthday comes around.

After a person's 21st birthday, the birthday loses even more points. At 30, a person begins to realize his or her mortality and worries about gray hairs and wrinkles. At 40, the person becomes over the hill and an old lady or old man, if you prefer. The wrinkles that the person was worried about at 30 are there at 40 and even more prominent at 50.

Age is so important when you are young and so important in another way when you are old. Many older people feel that a person is as old as they think they are. Sometimes a person (and I am no exception) feels 100 years old, and at other times a person may feel the energy and happiness that they feel in their youth.

The only advice I can give to anyone is the same advice my mother gives me, "Everyone gets old, but how fast is another matter."



UMR Fall Film Festival

Next week's film is "The English Patient." This movie stars Ralph Fiennes, Juliette Binoche, William Dafoe and Kristin Scott-Thomas and is directed by Anthony Minghella. Winner of numerous Academy Awards, "The English Patient" is an unforgettable story of four damaged souls whose lives intersect in an abandoned Italian village at the conclusion of World War II. Exquisite cinematography and classy editing makes this film the best epic in years. This film is rated R.

This film will be screened on Tuesday, October 7, 1997. All films are free and shown in Leach Theatre of Castleman Hall at 7 p.m. sharp.



Photo courtesy of UMR Performing arts

Flower Power: "The sky is falling!"

by Daisie H.M. Hobson
Verve Writer

"The sky is falling! The sky is falling!" - Chicken Little

Does anyone remember that story? I don't remember all the details, but I think an apple or something hit him on the head and he went nuts. Ok, well an apple didn't fall on my head, but it sure seemed like school did. I had forgotten how much I hated school when the darn thing knocked me upside my head and landed in my lap. I thought being a freshman was bad...they've got it easy compared to seniors. At least then if you fail a class you can think, "Hey I've got four more years to go. I'll just take it over." Well when you are so close to graduating that you can taste the cake, you get a little more nervous. I'll tell you what, I can proudly say I have never dropped a class and never repeated one either. I'm the type of student that C's his or her way out of college. I'm here on grants and scholarships, but that's because I'm poor as dirt, not because I'm very smart. Anyway, the point is I will not permit myself to fail a class, not when I've come this far.

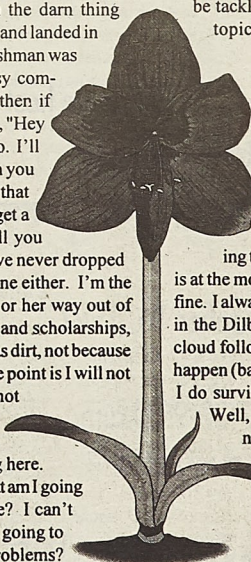
It makes me wonder, though, what I'm still doing here. How did I get this far and what am I going to do when I get out of here? I can't pass a stupid test. How am I going to solve multi-million dollar problems? OK, calm down Daisie. You are getting a little nuts. Ha, you should have seen me earlier today. This is actually quite calm. As you can tell, I made this one test into a huge crisis. I'm not going to graduate because I failed one test. Like I said last week: I'll just have to work a little harder the next time.

Chicken Little was so worried that the sky was falling, he ran and told everyone about it. If

we all lived like Chicken Little we would be running around like a chicken with our heads cut off. (Oh, sorry, bad example. Sorry, Chicken Little!) As UMR students, we have become used to living in crises. We live from one homework assignment to the other, one deadline to another deadline. Does it ever stop? NO! But it can't get much worse! Most of us live under constant stress and deadlines! We feel lost if we're not tackling something. (I'd rather be tackling a cutie but that's next week's topic!)

So why do we do this to ourselves? Is it all our teachers' fault? YES!! Well come on...how long did we slack off? We know we are just trying to show how cute we are. There is something dramatic and exciting about handling a crisis. It doesn't have to be school stuff either. We like knowing that no matter how bad the situation is at the moment we will kick butt and be just fine. I always tell people that I'm the little guy in the Dilbert comic with the black thunder cloud following him around. If it is going to happen (bad things) it will happen to me. But I do survive! Are all these things normal?

Well, sometimes I wonder. Can I live a normal carefree uneventful life? Maybe. Things don't always just happen. Mind you I didn't ask to fail my test, but I did choose not to study as hard as I needed. Not everyone lives like a fox with his head cut off! Take the bull by the horns and go! Everyone needs a little crisis in his or her life but try not to over do it. Remember - I will survive! We can handle just about anything. I hope everyone has a chance to relax a little before the next round of tests. Study hard and keep the faith! Have a great week! See you next week. Same time, same place, same craziness!



Center for Writing Technologies open now

by Barbara Baird
WAC

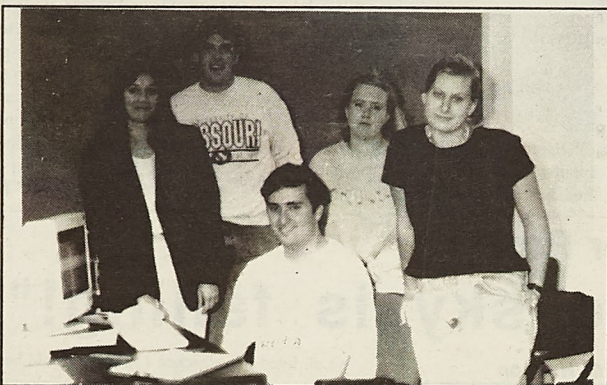
This year the old Writing Center "morphed" and moved into a brand spankin' new Center for Writing Technologies, located in Room 114 of the Campus Support Facility on State Street. The facility contains 25 "state of the art" Gateway 2000 computers. Software for word processing, desktop publishing, and HTML composition is loaded and waiting to be used.

Writing Assistants are presently undergoing training sessions in various areas of tutoring, including lab reports, organization of a paper, documentation, editing/revising and English as a second language. Our WA's have backgrounds in several discipline areas, and they are

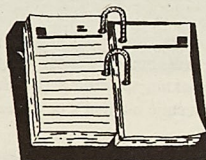
ready to get to work. We provide a positive, constructive service to help you learn to be a better writer.

Writing Assistants staff the new center Monday through Friday from 11:30 a.m.-4:30 p.m. Appointments can be made by calling 341-4436 between 8:30 a.m.-12 p.m., or by e-mailing wac@umr.edu. Or, take a chance, and drop in to see if there is a Writing Assistant available to help you. If these times are not convenient for you, you may schedule an outside appointment by contacting the secretary by phone or e-mail.

The Center for Writing Technologies is free to all UMR students. Faculty may refer students to the center for help. Contact the secretary, Ann Peterson, for more information on referrals.



Writing Assistants for The Center for Writing Technologies.
photo by Ryan Shawgo



Mark Your Calendar!

Plan now to join ASUM as we host
a *breakfast buffet* with
U.S. Representative Jo Ann Emerson!

Date: October 16, 1997

Time: 7:30-9:00 a.m.
(buffet line will open 7:15)

Place: Mark Twain Room - UCE

Breakfast is free of charge to all students, faculty and staff. Due to limited seating, reservations must be made by October 14, 1997. Call 341-4970 or e-mail: umrasum@umr.edu.

Love taken to a new level

by Nick Skupnik
Verve Creative Writer

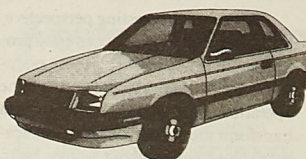
She moves.

Her bright eyes glisten through the darkness. Her tan sleek muscular form takes me to new places. Her soft purring excites me as I start to accelerate. Her entire essence surrounds me... It was the best ride of my life. She is "Sexual Chocolate."

She is the '85 Buick LeSabre of my friend and roommate Dave Heineck. This car not only represents a method of transportation, but a joyous and fulfilling experience.

Dave and that car (and I) have been through so much together. "She's always been there for me, through good times and bad. I take care of her; she takes care of me. She's my girl," Dave once said. For three years now, this LeSabre has meant so much to so many. Affectionately named "Sexual Chocolate"

(see "Coming to America"), she has taken us everywhere we have ever wanted to go. For some, the insurmountable power of this beautiful machine has brought them to call it "The Steel Beast" or "The Juggernaut." But



to me, she'll always be "Sexual Chocolate." The aura around the car is one of power, one of beauty, and one of love. It is a car to be cherished.

I will never forget the night when we christened her "Sexual Chocolate." We have always loved the car, but the actual naming of the car, the actual commitment given by us to the car with the name, didn't come until this night. Late one night, in the wee hours of the morn

(about 1 a.m.), we were cruisin' the town. Outside Chesterfield Mall in St. Louis, we lowered and scooted back the seats and made the "Beast" an ad hoc low-rider. We crammed eight people, blared Majic 108, and chased around the mall cops. It was the moment... it was the car... it was the people... it was the experience... it was the inspiration... that led us to call her "Sexual Chocolate."

Not only does this car embody love, but some say it is the epitome of style. The strong tan body of this LeSabre is made complete with its characteristic "toothless grin." The inside is elegantly furnished with comfortable and tan plush seats. Sparkling gold thumbtacks encircle the overhead light while they hold up the tan linen ceiling. She remains our car of choice.

"Sexual Chocolate" has been with us through good times and bad. She is a car. She is a friend. She is beauty. She is love.

Blue Key looking for new members

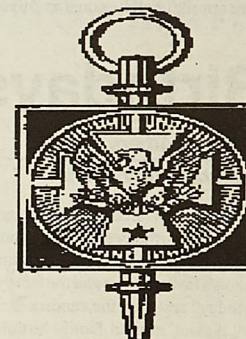
by Mark Tschopp
Blue Key

The University of Missouri-Rolla chapter of the Blue Key National Honor Society is now accepting applications for new prospective members. Blue Key is an Honor fraternity for campus leaders. Blue Key is limited to 40 members, which makes it a very selective leadership society.

The requirements for membership are 60 completed credit hours, at least 2 semesters remaining, cumulative GPA of 2.75, and 40 Blue Key membership

points. Applications to pledge Blue Key are available at the Student Activities Office in the University Center West. Return all applications to the Blue Key mailbox in 113 UCW. Any questions concerning pledging or Blue Key can be directed to Eric Pringer at erice@umr.edu.

Blue Key will be having a smoker for interested members at UCE's Merrimac Room on Wednesday, October 8 at 5 p.m. The smoker will be business attire. Anyone interested in Blue Key should attend or contact Eric Pringer.



Concert Update: All concerts are in St. Louis unless otherwise noted. Courtesy of Jimbob.

- | | |
|---|--|
| 10/2 Clutch @ Mississippi Nights | 10/30 Sister Machine Gun w/ Prong @ Galaxy |
| 10/3 New World Spirits @ Mississippi Nights | 10/31 Primus @ American |
| Brad @ Galaxy | Powerman 5000 @ American |
| 10/4 Insane Clown Posse @ American | 11/1 Corey Stevens @ Galaxy |
| 10/8 The Why Store @ Galaxy | Tonic @ Mississippi Nights |
| Honeyrods @ Side Door | 11/8 U2 @ Trans World Dome |
| 10/9 Phunk Junkiez @ Galaxy | 11/9 Tribute to Oliver Sain @ Mississippi Nights |
| 10/10 Love Spit Love @ Mississippi Nights | 11/12 Mike Watt @ Side Door |
| 10/11 Jim Rose Circus Show @ Mississippi Nights | Overkill @ Galaxy |
| Low @ Side Door | 11/17 Fleetwood Mac @ Kiel Center |
| 10/16 Goldfinger @ American | Entombed @ Galaxy |
| 10/18 NIL-8 @ Mississippi Nights | 11/19 Puff Daddy & Family @ Kiel Center |
| 10/19 Pat Benetar @ Mississippi Nights | 12/5 Amy Grant @ Kiel Center |
| 10/26 The Misfits @ Galaxy | Cece Winans @ Kiel Center |
| 10/27 Jars of Clay @ American | Michael W. Smith @ Kiel Center |
| 10/29 Gwar @ Mississippi Nights | 12/11 The Rolling Stones @ Trans World Dome |

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Summer of excitement for Army ROTC Cadets

by Margaret Snelling
Army ROTC

While most college students were working at their co-op jobs, going to the beach and hanging out with friends this summer, UMR Army ROTC Cadets were challenging themselves with intense summer training. Sixteen cadets participated in five different areas of training including Camp Challenge, Air Assault, Airborne, Advanced Camp and Cadet Troop Leader Training (CTLT).

Camp Challenge is located at Fort Knox, Kentucky and lasts for six weeks. This camp is designed to give students that are considering joining Army ROTC a chance to check out the program and compete for scholarships. It is a no obligation leadership course that teaches about the Army and its traditions. At Camp Challenge the cadets participate in lots of challenging training such as: rappelling, water survival, first aid, basic rifle marksmanship, the obstacle course and much more. The UMR graduates of Camp Challenge '97 are

John Mikrut, Ben Hubler, David Devillez and Christopher Cole. Three of these students won a two year \$12,800 scholarship and are now cadets of the UMR's Stonehenge Battalion.

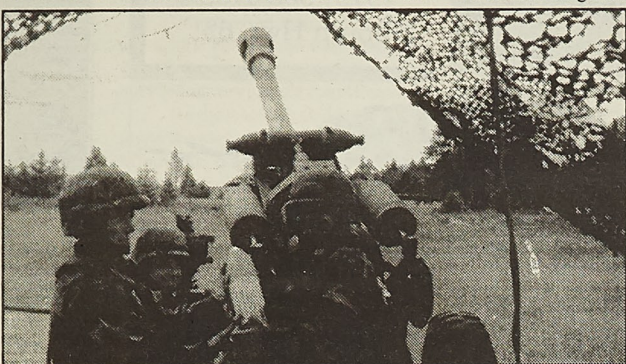
Cadet Eddie Brown participated in Air Assault School at Fort Myers, VA. Air Assault is two weeks of intense

lations to Brown, who successfully completed all three phases and is currently the only cadet at UMR to wear the Air Assault wings.

Two cadets also took part in Airborne School at Fort Benning, GA, Kirk Junker and Louis Bartels. This school is three weeks long and soldiers learn how to jump out of airplanes and land safely. A total of five jumps are made by each soldier including one at night. Airborne School is a very popular summer training exercise for cadets and most cadets at UMR have the opportunity to attend. Junker and Bartels graduated from Airborne School. UMR

now has a total of seven cadets who wear the prestigious jump wings.

Between their junior and senior year, all Army ROTC cadets must attend Advanced Camp. This is the most demanding, but probably the most re-



Three cadets learn how to load, aim and fire a ground to air gun in one of the summer cadet training sessions.

photo courtesy of UMR Army ROTC

training focused on operations with helicopters. The school encompasses rappelling and sling loading. This is the most challenging training available to cadets, as many active duty soldiers do not make it through all three phases. Attending the school is an accomplishment and an honor in itself. Congratu-

see Army on page 19

St. Pat's Committee excited about new year

by Rudy Williams

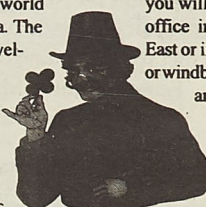
St. Pat's Committee

Welcome back everybody to the cultural center of the world otherwise known as Rolla. The St. Pat's Committee welcomes the new and the once new students back to what seems to be a very promising year. I hope everybody had a great Greek Week and that your first round of tests went well. The 90th Annual Sweatshirt Design Contest went well and the winners will be notified soon.

The parade theme for the 90th Annual Best Ever St. Pat's Celebration should be out in the next couple of weeks. The themes are looking fun and everybody's help will make

the 1998 St. Pat's Parade the best ever! Speaking of fun, we are beginning to look for new members for the St. Pat's committee and we hope you will all come see us in our office in the upstairs of UC-East or if you see a green jacket or windbreaker walking by, stop and say, "hi." We don't bite, contrary to popular belief.

Hopefully, I covered everything you need to know and I'll be writing to you next week. So be prepared when you pick up your next Miner because I'm in there. If there are any questions or if you just want to talk, please come and see us at our office and help make the 90th Annual St. Pat's Celebration the best ever!



Technicalities: October is IMPACT Month

by Jennifer Carlson

UMR TECHS

October is here again! During this month, TECHS promotes IMPACT Month (Intelligent Miners Promoting Alcohol Concern Together) with other campus organizations and supports this year's National Collegiate Alcohol Awareness campaign, Majority Rules. The idea behind Majority Rules is to show that most students are making healthy choices. Promotions for the national campaign include table tents placed on campus tables in UCE, TJ and the Quad, and students can help build a brick wall on campus near the Puck. The brick wall will help students visualize the numerous students who are making healthy choices on our campus. Be sure and stop by the wall and add your brick!

There are numerous IMPACT activities for students to look forward to during October. Weekly, TECHS will

support a Menu of Responsible Drinking, which includes tasty treats and some meaty information. During the Homecoming games at the Puck, TECHS is hosting a pinata breaking party, called "Breaking the Habit." Maybe someone in your organization will have the strength to bust open the bottle, spilling out the goodies! In addition, there will be several programs sponsored during IMPACT Month, one of which includes a guest speaker from the MADD organization.

For the athletic type, or the not so athletic type, TECHS is co-sponsoring, with M-Club, our second annual late night sports tournament, Hot Shots '97 on Friday, October 24. For more information on Hot Shots, keep reading the weekly TECHNICALITIES column.

Remember: Swing by the TECHS table each week to keep updated on the exciting activities, munch on some goodies and grab some helpful information!

SUBCONSCIOUS

by Diana Alt

SUB

The Student Union Board Variety Entertainment committee would like to congratulate its committee member of the week, Michelle Grace. The committee's next event will be a show by Mike Lukas on October 8 at 8 p.m. in the UC Cafeteria. Those of you attending the Second City Comedy Troupe show last spring will recognize Lukas as one of its performers. Also at this show, the homecoming King and Queen candidates will be introduced, so be sure to come and support your organization's candidates.

On October 1, the Homecoming King and Queen Tea will be held at Kappa Sigma fraternity beginning at 7 p.m. Campus Homecoming festivities

will begin on Monday, October 6. Games will be held each day at the puck beginning at 12:30 p.m. and candidate voting will take place Monday through Thursday at the Puck. The annual Homecoming BBQ will be on Monday, October 6 from 11 a.m. to 2 p.m. Finally, X-Files actor William B. Davis will be here at UMR for a lecture and question and answer session on October 22 at 8 p.m. in Leach Theatre. Seating for this show is limited, so tickets will be required. They were available starting September 30 in the UC ticket office. Student admission is free and public admission is five dollars. Only one ticket per student ID will be allowed for this event. If you are interested in joining a SUB committee or have questions about any of our events, please stop by the SUB office (218 UCW) or call 341-4220.



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INTERVIEWS

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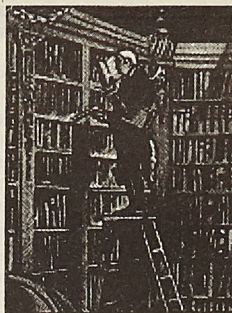
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Cross Country Miner

by Brad Neuvil
Assistant Sports Editor

This weekend
Lady Miner cross
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Matt Hagen came
the finish line 2
Mulvaney in 26:54

Coach Sarah
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Mulvaney al
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on my own team."

Finishing in
Miners was senior C
finished in 27:41.
Johnson finished e
27:47 and junior Jos
the Miners top five
line in 27:54 good en

Site: Pittsbu
Date: Oct. 4
Time: 7 p.m.

Play
UMR: Offense-
Wagone
Defense-

Sports

Cross Country Miners do well at home

by Brad Neuville
Assistant Sports Editor

This weekend both the Miner and Lady Miner cross country teams will receive a much needed weekend off. Their next meet will be the Missouri/Borders State meet hosted by Washington University in St. Louis on October 11. This break should help the Miners heal some nagging injuries for the stretch run towards regionals.

This past weekend the Miner cross country teams held the Eighteenth annual Miner Invitational which was held at the UMR Golf Course. Both teams fared very well with the men easily taking first and the women fighting for a second place finish.

On the men's side the Miners were lead by senior Ben Mulvaney for the fourth meet in a row. Mulvaney's time of 26:28 on the eight kilometer course was good for first place. Junior Matt Hagen came in second, crossing the finish line 26 seconds behind Mulvaney in 26:54.

Coach Sarah Preston was happy with how Mulvaney and Hagen finished. "Ben and Matt looked very strong. I was glad to see that Matt was able to run with Ben for most of the race."

Mulvaney also said that Hagen ran really well. "Having Matt there with me was really important for us. The key to the race was having Matt there with me, I needed him. I've had a hip injury and haven't been able to run much lately. Mostly I've just been biking and swimming. This week was the first week I've been able to run (in practice) and it was nice to be able to run with someone on my own team."

Finishing in sixth place for the Miners was senior Craig McCauley who finished in 27:41. Sophomore Kevin Johnson finished eighth with a time of 27:47 and junior Josh Sales rounded out the Miners top five crossing the finish line in 27:54 good enough for ninth place.

The Miners score of 26 points blew away the competition.

"We were shooting for first place and a little better score than what we got. We accomplished half of our goals, but I'm still very pleased," said Preston.

On the women's side the Miners found themselves in a battle in the five kilometer race. Only 17 points separated first place from fourth. SIU-Edwardsville won the race with 55 points with the Miners coming in second with 63, only two points ahead of third place Harding.

Senior Jennifer Frazer again lead the Lady Miners, finishing in third place with a time of 19:29. Sophomore Sheri Lentz took sixth place finishing in 19:37. She was followed by senior Tracy Jones in eighth who crossed the line in 19:53. Junior Sheryl Ziccardi in 22nd place with a time of 20:51 and senior Mindy Settles in 24th with a 21:48 rounded out the top five Lady Miners.

Coach Preston had mixed feelings about the women's finish.

"We did some really good things (throughout the race) but we just didn't finish quite as well as I'd hoped. It was better than it could have been and I'm very pleased with how we stuck with it and took second. For awhile there I wasn't sure we'd placed that high but I'm very pleased and relieved," Preston said.

Frazer, who lead the first part of the race, knew that the finish was going to be tough.

"I knew the SIU-Edwardsville girl (first place Christine Peterson) was going to be there at the end. I've raced against her before and she always comes from the pack to finish really strong. At the finish I was running with two girls. I was able to beat one but not the other on my kick. I wish I had run a little faster," Frazer said.

Frazer also said that teammates Lentz and Jones had great races. "Tracy (Jones) started off excellent and was able



Cross Country runners Ben Mulvaney and Matt Hagen compete in the Miner Invitational. Mulvaney and Hagen finished in first and second place respectively in the meet Sept. 27.

photo by Wendy Hoffman

Miner football to face second ranked Pittsburg State

by Sean Ellis
Staff Writer

The University of Missouri-Rolla Miners will face the Pittsburgh State Gorillas on Saturday, October 4, at the Gorilla's home field in Pittsburgh, Kan. at 7PM. The Miners face the Gorillas with a 1-3 record after their second MIAA loss last week to the Washburn Ichabods.

Next week's game is the 51st matchup to pit the Miners against the Gorillas. Pittsburgh State leads the series 31-15-4. Should the Miners win Saturday's game, it would be their first victory over the Gorillas since September 15, 1984. Only three offensive starters and four defensive starters return this year for the Gorillas.

The Miners started last week's game against Washburn slowly. After receiving the opening kickoff the Miners ran three quick running plays to Ed Starks that resulted in a total gain of nine yards and a punt that left the Ichabods at the Miner 49. Washburn's first offensive attempt included a couple of rushes for small gains and a 41 yard sprint by the Ichabod's Aaron Battle for the first score of the game. That score came only three and a half minutes into the game.

The remaining time of the first quarter saw both teams drive unsuccessfully for points. Action continually rocked back and forth between the Ichabod's and Miners. Both teams had four more offensive drives each before the second quarter.

The second quarter opened with the Miners at third and one on

their own 29 yard line. The Miner's first drive of the second quarter resulted in a three yard net loss and a 52 yard punt by David McCormack.

The Ichabod's then countered with four unsuccessful plays. The Miner's got the ball back on their own 44 yard line and began a slow, five play, three minute drive that resulted in a 50 yard field goal attempt by kick Brandon Risner that would be good, his career longest field goal. That would bring the score to 7-3 in favor of the Ichabod's.

Th Ichabod's would quickly answer the Miner's score. After a touchback would start the Ichabod's on their own 20 yard line, Ichabod quarterback Andy Battle would throw a couple of long passes that would, less than one minute later, result in an Ichabod touchdown and successful point after attempt, bring the score to 14-3 in favor of the Ichabods.

Not to be outdone, the Miners would take the kickoff and once again score. Beginning on his own 35 yard line, Miner quarterback David McCormack slowly drove the Miners to within three yards of a touchdown. After an illegal procedure call on fourth and three during a touchdown attempt, Miner coach Jim Anderson decided to go for the field goal. Risner would complete the 25 yard kick that would bring the score to 14-6 in favor of the Ichabods, and that is where the score would be entering the second half.

The third quarter opened with a long offensive drive for the Ichabods.

see Football on page 20

Miner Match-up

UMR Miners at Pittsburg State

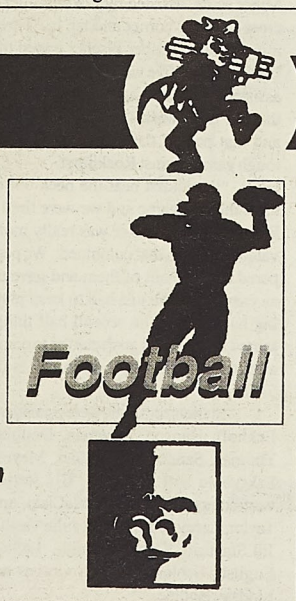
Site: Pittsburg, Kan.
Date: Oct. 4, 1997
Time: 7 p.m. CDT

1996-97 Record
UMR: 3-8

Pittsburg State: 8-3

Players To Watch

UMR: **Offense-** Matt Brueckner (QB), Elliot Jackson (WR), Jason Wagoner (TB)
Defense- Brian Lewis (DL), Jeff Fulks (DB)





Miner soccer players John Almeida and Matt Long in the recent game against Rockhurst. The Miners lost by a score of 5-0.
photo by Boyd Niesen

Lady Miner Soccer takes championship in tournament to play St. Joseph's Friday

by Todd Monroe
Staff Writer

The University of Missouri-Rolla women's soccer team takes the field again Friday, Sept. 3, to take on St. Joseph's at Rensselaer, Indiana, at 2 p.m. The Lady Miners thus far this season have suffered only one defeat. When asked whether the team should feel comfortable about their chances for the further games ahead, Coach Mark Salisbury said, "Well, I am not counting any chickens, the second part of the season is a lot more tough than the first half, there is a lot more tough competition, a lot more tough teams. SIU-Evansville, and Truman State, and Metro State from Colorado, all top-20 ranked teams in the country...we play all of them. Then we play Southwest Missouri State, which is a division I team. So its going to be a challenge, no question about it."

The Lady Miners played Tuesday, Sept. 23 against the University of Missouri-St. Louis, in Rolla. UMR claimed a 3-0 decision, the first win over UMSL in 18 years for UMR.

Amber Fischer scored first, assisted by Natalie Sanders and Crissie Eckhoff, with a tap-in of a loose ball. Sanders put up the next points for UMR from 18 yards out, assisted by Eckhoff. The third goal was scored when an Alison Hanson pass bounced off of an UMSL player into the UMSL goal. Starting lineups included UMR's Jen Splaingard, Eckhoff, Hanson, Kim Hydeman, Tami Bowman, Natalie Sanders, Kelly Thomas, Denise McMillan, Connie Meyers, Lizz Szkrybalo and Michelle Johnson. UMSL starters were Shannon Humphrey, Dianne Ermeling, Dana Thompson, Windy Hollan, Carrie Marino, Michelle Hogan, Julie Reiter, Jenny Terbrock, Beth Ostermeyer, Diane Pohlman and

Samantha Groshoff. "It was a tremendous win for our team, we played very well, it was just a great night for our soccer program," said Salisbury.

The women are heading into this Friday's matchup fresh off another tournament championship this past weekend. The UMR team was the only team competing which ended the tournament with a 2-0 record giving the Lady Miners the first place designation. Salisbury said, "The tournament ended up being pretty tough. Even Baker, who lost both games, wasn't a push-over by any means. It was a very good tournament."

Their first game was against Rockhurst, on Saturday, Sept. 27. UMR came out with the 1-0 victory in front of the home crowd. The one goal of the game was contributed by Lady Sanders, assisted by Eckhoff off of a rebound during the second period of play. Starting players for UMR included Splaingard, Eckhoff, Hanson, Hydeman, Bowman, Sanders, Lori Douglas, McMillan, Meyers, Szkrybalo and Johnson. Rockhurst's starting lineup included Joan Fitzgerald, Christi Rinella, Megan Paisley, Colleen Simpson, Christy Drovillard, Christine Bischof, Chris Layton, Robyn Colvin, Kate Kammerer, Mephane Hock and Kristie Morgan. Salisbury said of the game, "Rockhurst is very good, they are a top NAIA program, next year they are going to be a division II program, and right away they are going to be a tough division II program. We played well enough to beat them, we didn't play as well as we can play, but Rockhurst is a very physical team, and they really beat us up, and that made it tough. They're big and they're strong and we're not a real big team. If a big team beats us, then we can have a tough day."

ment of the tourna-

ment was Baker, which UMR played on Sunday, Sept. 28. The ladies were able to emerge victors once again after being down 1-0 at halftime before rallying for a 5-2 win. Baker University's Stacy Copp opened the scoring with an unassisted goal five minutes into the game from a clearing pass. Fifty-five scoreless minutes ensued before UMR scored three goals in under 10 minutes. This collection of goals was begun by a pair of goals from Splaingard in under two minutes, both assisted by Sanders, the first coming via a head ball off a corner kick and the second after a feed in front. The third UMR goal was contributed by Szkrybalo after a crossing pass, assisted by Sanders. Copp countered for BU from 12 yards out with an assist from Wendy Schleicher. Nearing the 85 minute mark of play, Sara Rudy bolstered the Lady Miner score, assisted by Eckhoff after a cross from the corner and tap in. Three minutes later, Amber Fischer upped the UMR score to five with a cross and shot, assisted by Splaingard. Salisbury said that the team wasn't playing very well, and that part of their problem was the tough game against Rockhurst.

"Rockhurst beat the heck out of us in the first game and we were tired a little bit. I think Baker was really motivated to win, so that combined. We peppered the snot out of them and gave up an easy goal. We just had to keep playing hard and in the second half things started to click, and goals started to come, and they came in bunches," said Salisbury.

Starters for UMR were Splaingard, Eckhoff, Hanson, Bowman, Douglas, Thomas, Sanders, McMillan, Meyers, Szkrybalo and Johnson. BU starters were composed of Natalie McClain, Amy Taylor, Lacey Jones, Copp, Julie Vasilus, Jill Stanteau, Kathleen Smith, LaShon English, Schleicher, Andi Graves and Lindsay Bodine.

A REALLY BIG DEAL

by Brad Neuville

Assistant Sports Editor

Just as soon as I opened my big mouth in last week's column about there being no blockbuster deals or signings in this year's NBA off-season, the Seattle SuperSonics, Milwaukee Bucks and Cleveland Cavaliers decide to make me put my foot squarely into my mouth.

Last week's trade involving the aforementioned teams is one that is rarely seen in the NBA. Often, when teams elect to trade big-name, all-star players, they often do it to unload salaries and receive depth, if not immense skill, at needy positions. This deal, however, involves a total of four NBA All-Stars.

Here is a short run-down on the trade. The SuperSonics will receive power forward Vin Baker from the Bucks. The SuperSonics then dealt disgruntled star Shawn Kemp to the Cavaliers. Then the Cavaliers sent point guard Terrell Brandon and Tyrone Hill to the Bucks. The Bucks then sent point guard Sherman Douglass to the Cavaliers. The Bucks will also receive the Cavaliers first round draft choice in 1998 unless they qualify for one of the first 10 draft selections.

Despite the uniqueness of this trade, it is far from surprising. Kemp was almost certain to be traded after declaring last spring that he had worn a SuperSonics jersey for the last time. The only hang-up in the dealing of Kemp was finding a team that had enough salary cap room to sign him. The Cavaliers were one of the only teams in the league with enough money to fit him in under the cap.

The Bucks entered the fray because the Cavaliers really had nothing to offer to Seattle. The SuperSonics already have a star point guard in Gary Payton and didn't need another in Terrell Brandon who is really the only player that would have been included. Therefore the Bucks sent an All-Star power forward to the SuperSonics to fill the gap left by Kemp and received Brandon and a solid power forward in Hill.

As ESPN Radio's Quinn Buckner put it, "This was a hell of a deal for everybody!" There lies a great deal of difficulty in analyzing who got the best deal in this trade. The Cavaliers received what they have been sorely lacking in the past few years, some high powered offense. Sherman Douglass should fit in well with the new Cavaliers, he knows how to dish the ball to an All-Star power forward. The Cavaliers, oftentimes the most boring team in the NBA, got an excellent offensive kick. The only problem could come if the Cavaliers are unable to keep the sometimes volatile Kemp

see Big on page 20

Soccer shut out by Rockhurst

by Todd Monroe
Staff Writer

The University of Missouri-Rolla men's soccer team travels to Rensselaer, Indiana this Friday, Sept. 3, accompanied by the women's team to take on St. Joseph's. The UMR men's team has beaten St. Joseph's the last two times they have met.

The Miners played Friday, Sept. 26 against Rockhurst, which is reportedly one of the top college soccer teams in the nation. The Miners came out on the losing end of a 5-0 decision.

At the 36 minute mark Rockhurst's Chad Fuerstein, assisted by Kevin Powers scored off of a head ball on a cross. This was followed by a goal from Chris McTighe, assisted by Thomas Andreasen, to leave the score 2-0 at the half. Andreasen scored in the second half from 12 yards out, assisted by Kevin Schoen. Less than a minute later, it was Schoen's turn to score an unassisted goal in close after a steal. The final goal of the game was by Carlos Olivas, tapped in off of a feed, the assist going to Mike Shaw.

Starters included the Miner's John Almeida, Brian Koscielski, Mike Keifer, Nathan Wojtewicz, Ashley Dupree, Alan McMahon, Conor Magee, Chris Leonard, Gevan

McCoy, Matt Long and Jeff Hougland. Rockhurst started players Mike Hill, Doug Grojean, Powers, Shaw, Andreasen, Olivas, Mike Theis, Phil Theis, Pat Lawler, Schoen and Mike Silin.

A red card was issued to Rockhurst player Hill, while yellow cards were issued to Rockhurst's coach, Lawler and Grojean, and to UMR's Long.

Coach Mark Salisbury said of the game, "Rockhurst is one of the best teams in the country at any level, and I think we were a little afraid. We were more worried about them than we were worried about us. We never really stepped up and said 'We are going to try to compete with you.' We did for small stretches, but not for very long. That played into their hands. They got a couple of goals that came from us just not paying attention to what was going on on the field, and with all that said, we are just going to treat it as sort of a hiccup and go on. We are not one of the best teams in the country, and you can't expect us to play with one of the best teams in the country right now. We have a lot of things to work on, to get better at, and that doesn't change the fact that we beat Southern at Southern and UMSL here. Those were good wins and we just need to keep

see Soccer on page 20

Miner Scores & Stats

Miner Cross Country

Miner Invitational, Sept. 27 at Rolla,
Mo. (8K)

1. Ben Mulvaney, 26:28
2. Matt Hagen, 26:54
6. Craig McCauley, 27:41
8. Kevin Johnson, 27:47
9. Josh Sales, 27:54
10. Dan Saylor, 27:55
20. John Sanders, 29:18
28. Tim Albers, 29:58
35. Scott Griefzu, 30:54.

Miner Football

Washburn - 27

UMR - 13

Lady Miner Cross Country

Miner Invitational, Sept. 27 at Rolla,
Mo. (5K)

3. Jennifer Frazer, 19:29
6. Sheri Lentz, 19:37
8. Tracy Jones, 19:53
23. Sheryl Ziccardi, 20:51
27. Mindy Settles, 21:48
29. Julia Kuseski, 22:02
37. Serena Jagtiani, 23:19
42. Julie Nowakowski, 24:20.

Men's Soccer

S u n d a y

UMR - 2

Missouri-Southern - 1

F r i d a y

Rockhurst - 5

UMR - 0

Women's Soccer

S a t u r d a y

UMR - 1

Rockhurst - 0

S u n d a y

UMR - 5

Baker - 2

Men's Golf

September 15-16

UMR - 8th / 11

T24. Andy Laegler, 150; T24. Bob Naugle,
150; T24. Eric Fryatt, 150; T29. Ryan Turley,
151; 44. Bill Keuss, 157.



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Carla Roth



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Homecoming 1997 King & Queen Candidates



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*Jennifer Stewart
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Steve Squibb*



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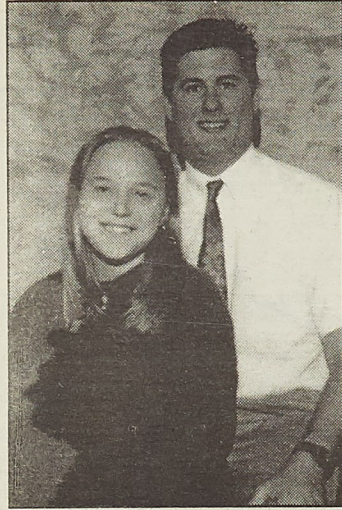
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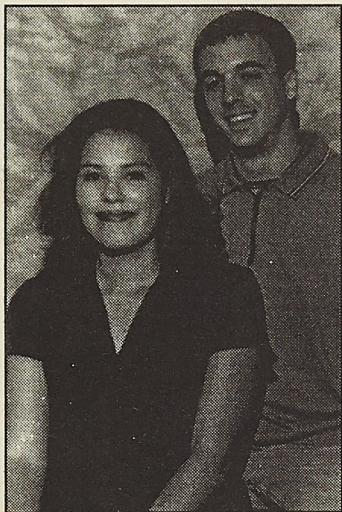
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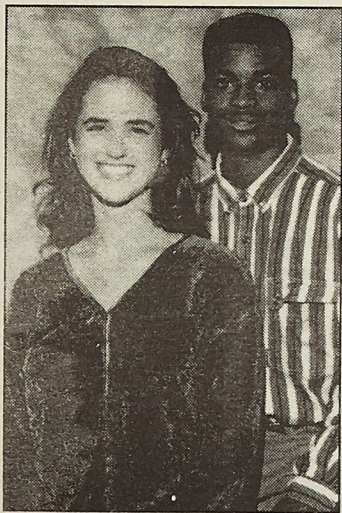
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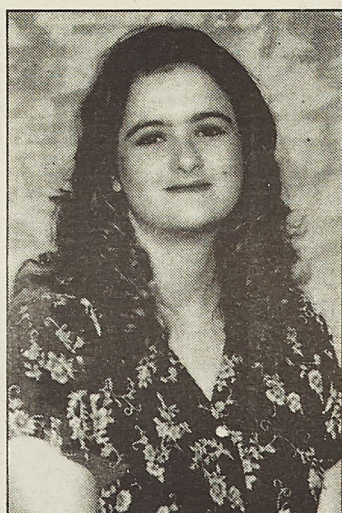
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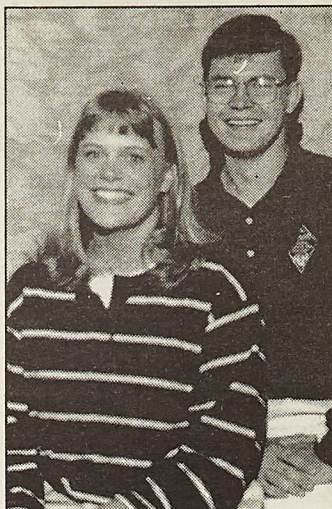
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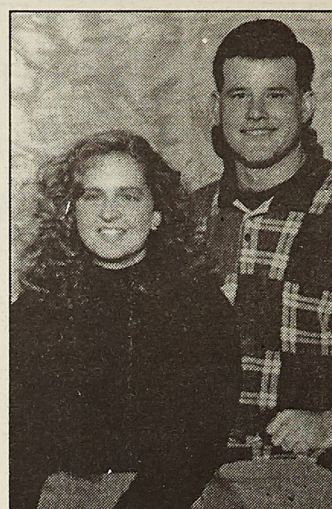
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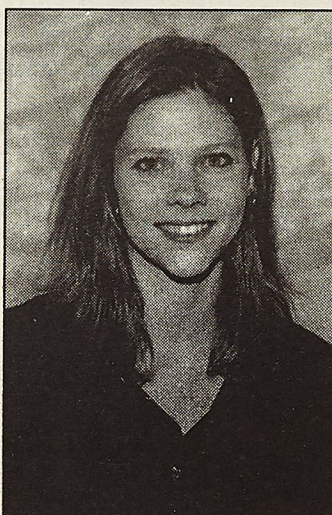
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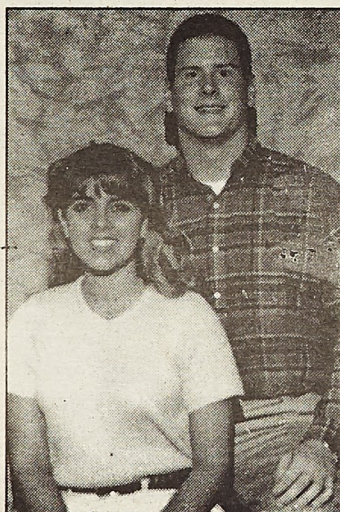
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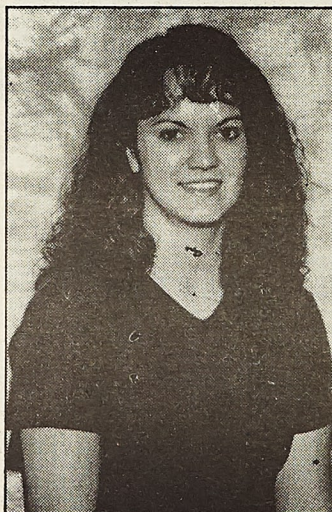
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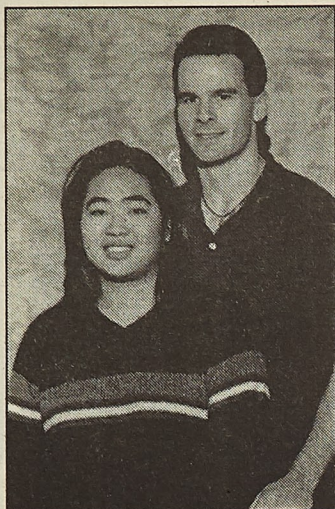
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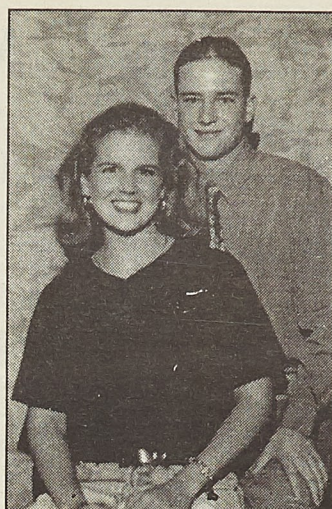
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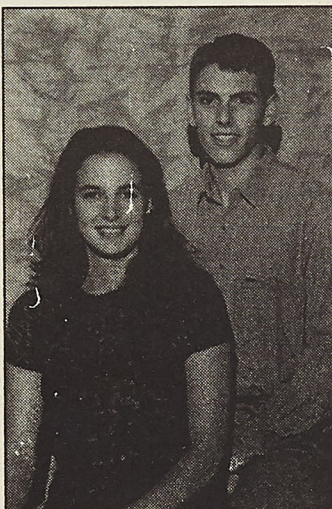
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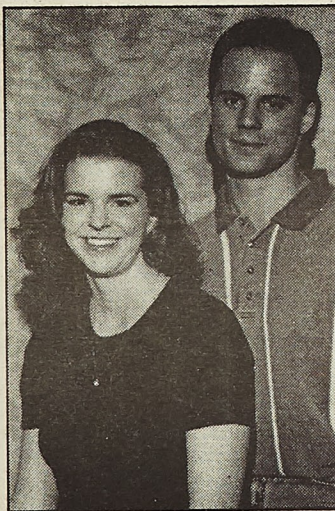
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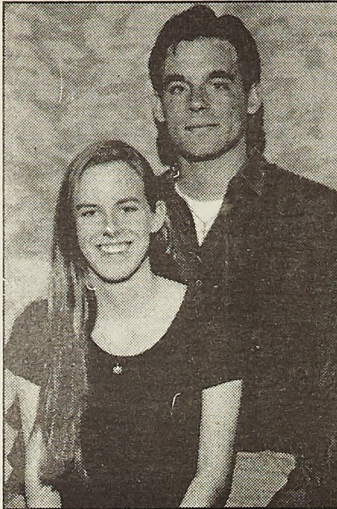
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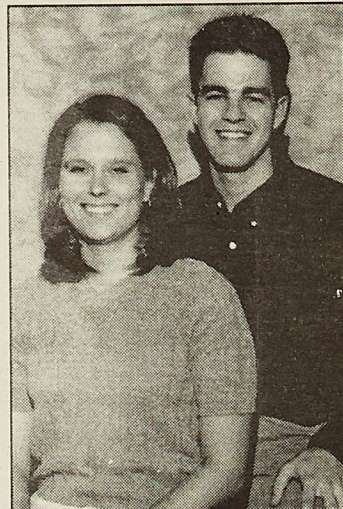
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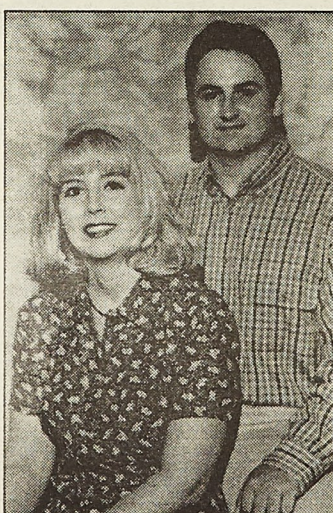
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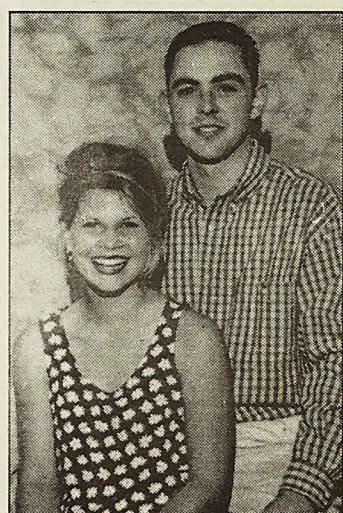
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Wednesday, October

That's Jake



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Comics

That's Jake



'Uh, Ralph, does it ever occur to you that you might be takin' this part-time job just a little too seriously?'

DAVE by David Miller



Barry didn't live in a tough neighborhood, just a rude one.

TRUE!

by Daryl Cagle



The U.S. Food and Drug Administration considers a 100-gram can of mushrooms "acceptable" if it contains no more than 20 maggots, up to five maggots that are 2 millimeters long (or longer) or 75 mites.

BUTCH AND DOUGIE by ALEX HOWELL



MINER ADJUSTMENTS

By C. James



WORD SEARCH - UMR'S MAJORS!

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AEROSPACE
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 BIOCHEMICAL
 CERAMIC
 CHEMICAL
 CHEMISTRY

CIVIL
 COMPUTER SCIENCE
 ELECTRICAL
 ENGLISH
 ENVIRONMENTAL
 GEOLOGICAL

GEOLOGY
 GEOPHYSICS
 HISTORY
 LIFE SCIENCES
 MANAGEMENT SYSTEMS
 MATH

MECHANICAL
 METALLURGICAL
 MINING
 NUCLEAR
 PHYSICS
 PSYCHOLOGY

Campus Gossip

The Miner is charging a \$0.25 fee for every gossip submission to The Miner. There are envelopes on The Miner Submission Box outside the office in 103A Norwood Hall.

Did you know
 Your television requires 35 different minerals?
 Gem

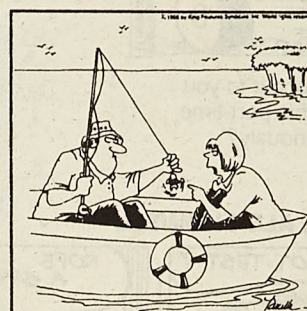
Candice and Carl,
 Who left their weiner on the floor?

We love the new Quad dog! Welcome to Rolla Ruff or Rambo

HAPPY BIRTHDAY—
 Snug, only seven more days!!!!
 George J.

Quad Staff is the best anywhere!!!

Joella,
 We should chair more programs together. How about doing the food for some conference?
 Jon



"Good thing it didn't ram the boat."



"I liked the old Ethel better."

FACTOIDS!

- Stewardesses and reverberated are the two longest words (12 letters each) that can be typed using only the left hand. The longest word that can be typed using only the right hand is lollipop. Skepticisms is the longest word that alternates hands.



- A duck's quack doesn't echo, and no one knows why.
- A group of geese on the ground is a gaggle, a group of geese in the air is a skein.
- The underside of a horse's hoof is called a frog. The frog peels off several times a year with new growth.
- The San Francisco Cable cars are the only mobile National Monuments
- The "save" icon on Microsoft Word shows a floppy disk, with the shutter on backwards.
- The only 15 letter word that can be spelled without repeating a letter is uncopyrightable.
- Facetious and abstemious contain all the vowels in the correct order, as does arsenious, meaning "containing arsenic."
- Emus and kangaroos cannot walk backwards and are on the Australian coat of arms for that reason.
- Cats have over 100 vocal sounds, while dogs only have about 10.
- Camel's milk does not curdle.
- In every episode of "Seinfeld" there is a Superman somewhere.

- An animal epidemic is called an epizootic.
- Murphy's Oil Soap is the chemical most commonly used to clean elephants.
- The United States has never lost a war in which mules were used.
- There were no squirrels on Nantucket Island, Massachusetts until 1989.
- All porcupines float in water.
- The reason firehouses have circular stairways is from the days of yore when the engines were pulled by horses. The horses were stabled on the ground floor and figured out how to walk up straight staircases.
- Non-dairy creamer is flammable.
- The airplane Buddy Holly died in was the "American Pie." (Thus the name of the Don McLean song.)
- The only nation whose name begins with an "A" but doesn't end in an "A" is Afghanistan.
- Each king in a deck of playing cards represents a great king from history. Spades - King David, Clubs - Alexander the Great, Hearts - Charlemagne and Diamonds - Julius Caesar.



- The word for "dog" in the Australian aboriginal language Mbabaran happens to be "dog."

- All elephants walk on tip-toe, because the back portion of their foot is made up of all fat and no bone.

- From the Internet

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 Third, Manuel
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Army

from page 7

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 Four out of th
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 opportunity to atte

Manuel

from page 5

wants to be well-rounded, they will become that," Manuel said.

Third, Manuel thinks that class sizes are too large to promote creativity. He would rather have small classes that consist of dialogue between the students and teacher rather than lecture. He wants for students to come to class, ask questions and have discussions in order to figure things out and learn from each other. With large class sizes, students do not feel as comfortable doing this. "Students should ask questions when they don't understand something. When students don't ask questions, they protect their ignorance. They don't want to look foolish," Manuel said.

All things considered, it would be difficult to change the fact that society requires that students be graded, educational institutions must have course requirements in order to be accredited and with the large enrollment at universities across the nation, small classes are virtually impossible.

So, what is the key to protecting your creativity? "To protect your creativity, you have to be pro-active because the system isn't set up to help you," Manuel said.

In order to do this, Manuel stresses two ideas. One is to ask questions. A student in Manuel's class often hears him say, "Are there any questions? If you don't understand something, ask questions."

The other idea is discussion. "There isn't anything that prevents you from having a discussion group on any issue," Manuel said.

With all this in mind, the challenge to students is to achieve creative happiness. According to Krishnamurti, "Creative happiness is for all and not for the few alone. You may express it in one way and I in another, but it is for all."

Army

from page 7

demanding, but probably the most rewarding summer training that a cadet will go through. This last summer approximately 4,000 cadets from across the nation attended one of the 13 regiments of Advanced Camp located at Fort Lewis, WA. Cadets are evaluated on their leadership and learn a lot about themselves. It is truly a character building experience. Two of the five weeks of training are spent out in the field. The field training focuses on infantry tactics which ROTC uses as a tool to evaluate leadership. Some of the other training includes hand grenades, gas chamber, rifle marksmanship, field artillery and land navigation. UMR is proud to have 10 graduates of Advanced Camp '97: Brice Bickett, Margaret Snelling, Jenni Nannini, Brett Adams, Carla Roth, Eric Jelinek, Junker, Anita Bull, Matt Michler, and Rebecca Chavis. This was the first time in many years that all other cadets attending Advanced Camp from UMR made it all the way to graduation.

Four out of the 10 UMR Advanced Camp '97 graduates had the opportunity to attend Cadet Troop

EE Building

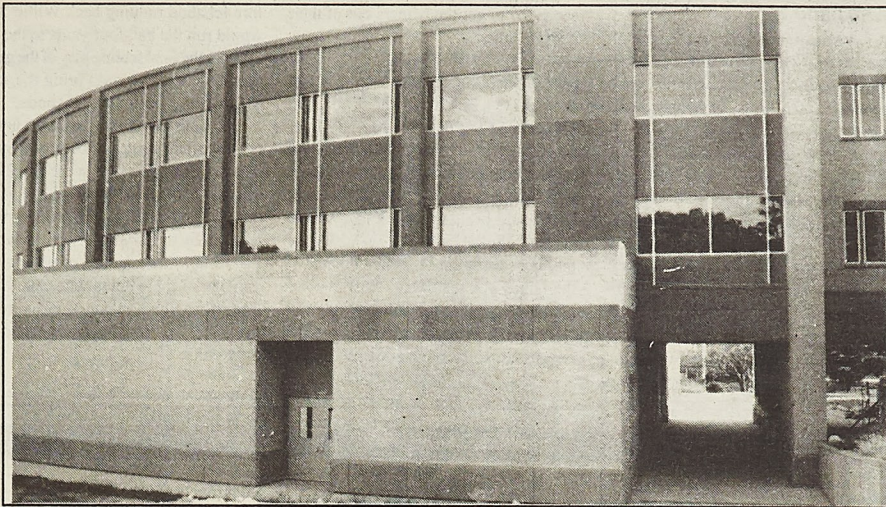
from page 2

for the 21st century," Stanek said. "Our students will benefit because they will have access to the most modern electrical engineering facilities in the state.

"But in the long run, society will benefit, because our graduates will be equipped with the knowledge and expertise they need to enter the highly skilled engineering work force of the next century."

Some of the "next century" technology that Stanek refers to includes subjects such as electromagnetic compatibility, VLSI (very large scale integration), design for circuit chips, variable speed drives, microcomputer applications, programmable logic controllers and wireless communication. The renovations to the building are designed to let UMR students tackle these subjects and more.

To students outside the electrical engineering department, these topics may seem abstruse to say the least. The specific facilities available



The new addition to the electrical engineering building which will be rededicated with the original section on October 10 as the Emerson Electric Company Hall.

photo by Wendy Hoffman

due to the renovations are much more concrete. Students will have access to renovated laboratories and a new lecture

hall. The changes will also provide more space for faculty offices and ensure that the department will be able to store

chemicals in a way that is acceptable to environmental enforcement organizations.

Harassment

from page 1

warrant campus notification.

No one should have to feel "helpless to report the problem" of harassment or any other crime. That is exactly why the police department and Judicial Officer staff exists: to prevent such occurrences from happening or continuing.

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TREAT DEPRESSION

#1 Cause of Suicide

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Irradiation

from page 2

value? Extensive research by the World Health Organization, the Joint Experts Committee of the Food and Agriculture Organization and the International Atomic Energy Agency has shown that below a certain radiation dosage, foods are not affected and the taste and nutritional value is not changed.

Does that mean the foods are radioactive? No! "This is one of the misconceptions of irradiation," Dr. Mueller stated. The irradiation process consists of taking foods such as potatoes, spices, fresh fruits, red meats, dried vegetables, fish and poultry and irradiating them with gamma rays from a radioactive source.

Does this mean people will buy them? Dr. Mueller says yes. "Hawaii shipped processed papayas to California but before shipment some of the papayas were given a hot water treatment, which killed the bacteria and fruit flies," he stated. The others were irradiated. "After reaching the supermarkets, consumers bought 10 irradiated papayas for every 11 sold," Mueller says.

"The Food and Drug Administration in the U.S. has approved the radiation of foods since the 1960's but the practice is not yet used in large degrees," Mueller stated. "Canada has been using it for 40 years and 40 other countries now irradiate over 50 food commodities. The process is safe and effective, now all we need is to convince the food industry."

Exhaust

from page 1

and its engine that passes through the flight corridor," Whitefield commented. As a result, the project includes everyone from weather forecasters and air traffic controllers to scientists.

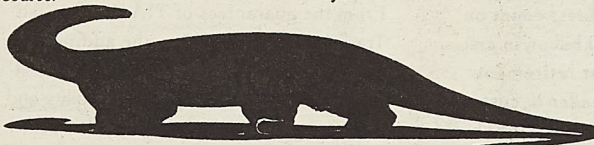
The study begins with the DC-8 operating from Bangor, Maine, gathering test data from an air mass anticipated to traverse the Atlantic through the Organized Flight Track. The Falcon will fly through that same air mass as it passed through, the eastern end of the North Atlantic Flight Corridor.

To provide the basis for comparison that the scientists need, it is necessary to track the air sample from start to finish, Hagen commented. "This is something you couldn't do if you measured the air mass only on one side of the ocean," Hagen explained. "You'd always be trying to guess what the original state of the clean parcel air was."

After the initial study in Maine, the DC-8 will join the German Falcon in Ireland. Near the flight track, Shannon, Ireland provides an ideal base of operations. "We also have exceptional cooperation from the flight controllers," comments Whitefield.

This joint campaign will overcome some of the previous challenges the scientists have experienced to date. During the early test campaigns, they discovered that the pollution from the aircraft exhaust spreads further than they had anticipated, "that means we could never get out into clean air in the studies that we were doing with the range of the aircraft we had," Hagen explained. "This time the research aircraft will fly through the entire air mass between Iceland and the Azores, islands off the coast of Morocco."

Scientists from the U.S., the Netherlands, Switzerland, France, England, Norway and Germany are participating in this joint 30-day campaign. "This is the cream of the cream of Europeans in his field put together," Whitefield said. "It's a real honor for us to be invited to participate."



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COMING SOON: WALK - IN HUMIDOR

Football from page 10

After running 16 plays that would result in a net gain of 61 yards and would drain over seven minutes off the clock, Ichabod kicker Chad Todd missed a 31 yard field goal attempt.

The Miner's second half opening offensive drive would result in an interception by Ichabod Jason Marshall. After catching the ball he ran 29 yards to the end zone that would bring the score to 20-6 in favor of the Ichabod's after an unsportsmanlike conduct penalty and a blown point after attempt by Todd.

Inspired once again by an Ichabod score, UMR would soon answer with a

touchdown of their own. After starting at their own 14 yard line McCormack struggled to get the Miners out of their own territory.

On the sixth play of the drive McCormack handed the ball to Miner running back Ed Starks who ran the ball 67 yards to the end zone for a Miner touchdown a little under two and a half minutes remaining in the quarter. Risner would complete the point after attempt that would bring the score to 20-13 in favor of the Ichabods. That would be the score going into the final quarter of the game.

The Ichabods would have the ball opening the fourth quarter. Both teams ran unsuccessful scoring attempts to open

the final quarter. These drives would run a little over 10 minutes off the clock before Ichabod running back Willie Sapp would run the ball four yards to the end zone for the final scoring play of the game. That touchdown would bring the score to 27-13 in favor of the Ichabods.

Both teams once again ran unsuccessful offensive drives before the game would finish. The final score was 27-13 in favor of the Ichabods.

Statistically, the Miners were crushed by the Ichabods. The Ichabods had double the amount of net rushing yardage of the Miners with 288 yards. The Miners had a total of 275 yards in the game, while the Ichabods netted 478 total yards.

Soccer from page 10

plugging away, and rebuild our confidence. We are a very good team. We're young, we have got a lot of inexperience on the field. Eight of our 11 starters are either freshmen or sophomores. So we are still really young and we just have to keep building. Some days your not going to play well, some days you're going to lose, and you just have to play through it, and keep working on the big picture. That is what we are going to do. We can learn a lot from that game, and we are going to. We're going to train three times this week,

and really tear the game apart, break it down, and look at the things that we did well, and the things we didn't."

When Salisbury was asked about thoughts on the games that are in the Miner's future, he said "One of our goals is to win the conference and to win twelve games this year. Twelve wins has only been done once before in the soccer program and we've never won the conference before. Other than that we're just concentrating on trying to play well. If we can do that we may be able to accomplish our goals. We are going to concentrate on having a great year not just one game (Rockhurst)."

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Big from page 10

happy in Cleveland.

The Bucks made this move because of their dire need for more rebounding and more play making and because they firmly believed that Baker would opt out of his contract in 1999. Brandon will be an excellent addition to a young, but highly talented, Bucks backcourt of Ray Allen and Glenn Robinson. Hill will bring his 9.9 rebounds per game to a Bucks frontline sorely needing a prolific rebounder. The Bucks will also get another draft pick in next year's draft which they could use to bring in more interior help. The pressure to perform has now been placed squarely on Robinson's shoulders. If he can handle the pressure and continue to improve the Bucks will be an exiting and dangerous team.

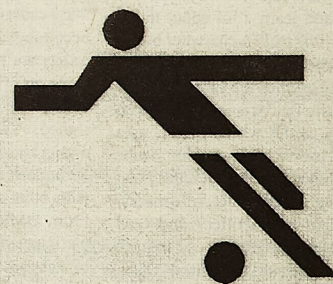
The SuperSonics may have gotten the shortest end of the stick in the deal, but only by default. Seattle had to deal Kemp. He was disgruntled with the Sonics and had said that he would not report to camp. In Baker the Sonics got a 25 year old three-time All-Star who is not in the final year of his contract. Not to mention that he averaged 21.0 points and 10.3 rebounds per game last season. Seattle basically traded one young talented All-Star poser forward for another. But, as SuperSonics coach George Karl said, "I think in a lot of ways our mental health got better today, our focus got better today."

Payton should be a big help to Baker who has never had an All-Star caliber point guard to get the ball from. The Sonics should flourish with Baker who is similar in style to Kemp but may possess a little more outside range which could help the Sonics spread the defense. The only problem is that Baker may still elect to opt out of his contract in 1999 and, because of the multi-year signings of Payton and center Jim McIlvaine, the Sonics would be in no position to resign him.

In general, each team involved in this deal got what they were looking for. The Cavaliers got some excitement, the Bucks got some play making and the SuperSonics got a happy locker room. In the short run, the Cavaliers and Sonics may have gotten the best deal, but don't be surprised if five years down the road we look back at this trade and say the Bucks got the best deal.

If you have any comments, questions, or ideas you can reach me at bjn@umr.edu.

M-Club Athlete



This week's athlete of the week is Kevin Levy. Levy is the goalie for the UMR Miner soccer team, and was awarded athlete of the week for his role in the UMR wins over UMSL and Missouri Valley.

of the week

Employment

Co-Op

Company: AK Steel Sign-up Method: PRS-OPEN

Date of Interview: 10/27
Majors: CHE ELEC MECH EMAN MET
Minimum GPA: 2.450 Must be Junior Senior standing
Sign-up released: 9/23/97 DEADLINE 10/13/97 8AM
WORK LOCATION: MIDDLETOWN, OHIO
START 1ST CO-OP WORK SESSION JANUARY 1998

Company: Alco Controls Sign-up Method: Open

Date of Interview: 10/06
Majors: CMPS
Minimum GPA: 2.450 Must be Junior Senior standing
Sign-up released: 9/22/97 DEADLINE 10/3/97 8AM
Work Location: St. Louis, Missouri
START 1ST CO-OP WORK SESSION JANUARY 1998 THROUGH SUMMER 1998
JOB DESCRIPTION AVAILABLE CO-OP OFFICE 303 D NORWOOD HALL

Company: Aluminum Co. of America Sign-up Method: PRS-OPEN

Date of Interview: 10/07
Majors: ELEC
US/Perm
Minimum GPA: 2.350 Must be Sophomore Junior standing
Sign-up released: 9/16/97 Deadline 9/23/97 8am
Work Location: Davenport, Iowa
START 1ST CO-OP WORK SESSION JANUARY 1998 AND/OR MAY 1998
45 MINUTE INTERVIEWS

Company: Amsted Industries Sign-up Method: PRS-OPEN

Date of Interview: 10/07
Majors: EMAN
Minimum GPA: 2.450 Must be Sophomore Junior Senior standing
Sign-up released: 9/16/97 Deadline 9/23/97 8AM
Work Location: St. Louis, Missouri
START 1ST CO-OP WORK SESSION JANUARY 1998
AMSTED WILL HAVE AN INFORMATION DROP-IN Tuesday, SEPT 23, FROM 11AM-1PM. ANYONE INTERESTED IN AMSTED INDUSTRIES CAN STOP BY FOR MORE INFORMATION UCE ROOM 213 MISSOURI ROOM

Company: Anh-Busch-5 groups Sign-up Method: Open

Date of Interview: 10/01
Majors: CIVL ELEC EMAN MECH CMPS
Minimum GPA: 2.450 Must be Sophomore Junior Senior standing
Sign-up released: 9/22/97 DEADLINE 9/29/97 8AM
WORK LOCATION: ST. LOUIS, MO-PICK UP JOB DESCRIPTION AT THE CO-OP OFFICE START 1ST CO-OP WORK SESSION JANUARY 1998
ENR SERV GROUP: MANUFACTURING SYSTEMS GROUP, ESTIMATING GROUP, POWER AND CONTROLS - CIVL ELEC EMAN MECH CMPS
INFORMATION MEETING 9/30 5:30-7:30 206 MCNUITT HALL

Company: Anh-Busch-Util A/E/E/C/CIVL/CHE/ME Sign-up Method: Open

Date of Interview: 10/01
Majors: CHE CIVL ELEC EMAN MECH
Minimum GPA: 2.450 Must be Junior Senior Grad Sta. standing
Sign-up released: 9/22/97 DEADLINE 9/29/97 8AM
WORK LOCATION: ST. LOUIS, MISSOURI
INFORMATION MEETING 9/30 206 MCNUITT HALL 5:30-7:30
JOB DESCRIPTIONS AVAILABLE AT THE CO-OP OFFICE, 303D NORWOOD HALL/UTILITY AFFAIRS CHE CIVL ELEC EMAN MECH
START 1ST CO-OP WORK SESSION JAN 1998

Company: Anh-Busch Corporate Engineering Sign-up Method: Open

Date of Interview: 10/01
Majors: CIVL ELEC MECH
Minimum GPA: 2.450 Must be Junior standing
Sign-up released: 9/22/97 DEADLINE 9/29/97 8AM
WORK LOCATION: ST. LOUIS, MO
START 1ST CO-OP WORK SESSION JANUARY 1998
CORPORATE ENGINEERING: CIVL ELEC MECH
INFORMATION MEETING FOR 9/30 - 206 MCNUITT 5:30-7:30
PICK UP JOB DESCRIPTION AT THE CO-OP OFFICE

Company: Anh-Busch-Project Engineering Group Sign-up Method: Open

Date of Interview: 10/01
Majors: MECH CHE
US/Perm
Minimum GPA: 2.450 Must be Sophomore Junior standing
Sign-up released: 9/22/97 DEADLINE 9/29/97 8AM
WORK LOCATION: ST. LOUIS, MO 45 MINUTE INTERVIEWS
JOB DESCRIPTIONS AVAILABLE AT THE CO-OP OFFICE #1122
START 1ST CO-OP WORK SESSION JANUARY 1998
PROJECT ENGINEERING GROUP - MECH CHE PICK UP JOB DESCRIPTION CO-OP OFFICE INFORMATION MEETING 9/30 206 MCNUITT 5:30-7:30

Company: Baxter Healthcare Sign-up Method: PRS-OPEN

Date of Interview: 10/13
Majors: CHE ELEC EMAN MECH CHEM
Minimum GPA: 2.450 Must be Sophomore Junior standing
Sign-up released: 9/22/97 DEADLINE 9/29/97 8AM
Work Location: Mountain Home, Arkansas
START 1ST CO-OP WORK SESSION JANUARY 1998
BAXTER IS REQUIRING EACH STUDENT TO PICK UP A BROCHURE AND READ IT BEFORE INTERVIEW AND LOOK AT ANNUAL REPORT.

Company: BHP Minerals

Date of Interview: 10/28
Majors: MET CHE
Minimum GPA: 2.000 Must be Junior Senior standing
Sign-up released: 9/23/97 DEADLINE 10/14/97 8AM
WORK LOCATION: RENO, NEVADA
START 1ST CO-OP WORK SESSION JANUARY 1998
INFORMATION MEETING ON OCTOBER 27 - DETAILS ANNOUNCED LATER

Company: Cargill Incorporated Sign-up Method: PRS-OPEN

Date of Interview: 10/16
Majors: CHE MECH
US/Perm
Minimum GPA: 2.950 Must be Junior standing
Sign-up released: 9/24/97 DEADLINE 10/2/97 8AM
Work Location: Midwest
INFORMATION MEETING SCHEDULED FOR OCTOBER 13, 1997 7-8PM
MARK TWAIN ROOM, UCE START 1ST CO-OP WORK SESSION MAY/JUNE 1998 NOT A SUMMER JOB - CO-OP POSITIONS

Company: Caterpillar Sign-up Method: Open

Date of Interview: 10/30
Majors: MECH ELEC CHE MET CMPS
Minimum GPA: 2.750 Must be Sophomore Junior Senior Grad Standing
Sign-up released: 10/6/97 DEADLINE 10/16/97
WORK LOCATION: PEORIA, ILLINOIS 1 HOUR INTERVIEWS
START 1ST CO-OP WORK SESSION JANUARY 1998
1998 SESSION DATES: JANUARY 20-MAY 8
AUGUST 24-DECEMBER 11
Information meeting 10/29/97 Details announced later-PIZZA SERVED

Company: Cerner Corporation Sign-up Method: PRS-OPEN

Date of Interview: 10/09
Majors: ELEC CMPS MGTS AMTH
Minimum GPA: 2.950 Must be Sophomore Junior standing
Sign-up released: 9/18/97 Deadline 9/26/97 8AM
Work Location: Kansas City, MO
start 1ST co-op work session JANUARY 1998, MAY/JUNE 98 OR AUGUST 98 INFORMATION MEETING OCT 8, 6-7PM 216 MCNUITT HALL/PLEASE ATTEND

Company: Deere and Company Sign-up Method: PRS-OPEN

Date of Interview: 10/01
Majors: CMPS MGTS
US/Perm
Minimum GPA: 2.950 Must be Sophomore standing
Sign-up released: 9/10/97 Deadline 9/23/97 8am
WORK LOCATION: POSSIBLE ANY DEERE UNIT IN THE US
START 1ST CO-OP WORK SESSION SPRING 1998
INFORMATION MEETING, 201 NORWOOD, 6-8 PM SEPTEMBER 30
45 MINUTE INTERVIEWS
HOME PAGE ADDRESS: <http://www.deere.com>

Company: Deere and Company Sign-up Method: PRS-OPEN

Date of Interview: 10/09
Majors: ELEC MECH EMAN
US/Perm
Minimum GPA: 2.650 Must be Freshman Sophomore Junior standing
Sign-up released: 9/18/97 Deadline 9/25/97 8am
Work Location: Iowa, Illinois, Wisconsin
Students must be willing to complete 3-5 work sessions before graduation
INFORMATION MEETING/PIZZA PARTY: 10/8/97 MERAMANCE ROOM, UCE 6-8PM Look up information on Homepage
Address: <http://www.deere.com>

Company: Dow Chemical Company Sign-up Method: PRS-OPEN

Date of Interview: 10/14
Majors: CHE ELEC
US/Perm
Minimum GPA: 2.800 Must be Sophomore Junior Senior standing
Sign-up released: 9/23/97 Deadline 9/30/97 8:00am
Work Location: Freeport, TX, Midland, Michigan
START 1ST CO-OP WORK SESSION JANUARY 1998 AND/OR MAY/JUNE 1998 THROUGH AUGUST 1998 PICK UP NATIONAL STUDENT PROGRAM BROCHURE, PICK UP DOW APPLICATION AND DEGREE PLAN, 303D NORWOOD HALL, MUST BE COMPLETED AT TIME OF INTERVIEW

Company: Dynetics Sign-up Method: PRS-OPEN

Date of Interview: 10/10
Majors: AERO ELEC MECH AMTH PHYS CMPS
US Only
Minimum GPA: 2.950 Must be Junior Senior Grad Sta. standing
Sign-up released: 9/19/97 DEADLINE 9/26/97 8AM
WORK LOCATION: HUNTSVILLE, ALABAMA AND FORT WALTON BEACH, FLORIDA START 1ST CO-OP WORK SESSION JANUARY 98, MAY/JUNE 98 OR AUGUST 98 JOB DESCRIPTION AVAILABLE AT CO-OP OFFICE 303D NORWOOD HALL/IF SELECTED, MUST COMPLETE AN APPLICATION

Company: Eastman Chemical Company Sign-up Method: PRS-OPEN

Date of Interview: 10/13
Majors: MECH ELEC CHE
Minimum GPA: 2.950 Must be Sophomore Senior Junior standing
Sign-up released: 9/22/97 Deadline 9/29/97 8:00am
Work Location: Batesville, Arkansas
Great benefits. Housing available. small city but total population in the county is 35,000 - 3 work terms and keep a min 3.25, you will get a scholarship of \$1500 - PICK UP EASTMAN CHEMICAL APPLICATION BEFORE INTERVIEWS start 1st co-op work session January 1998

continued on page 24

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Company: EDS Unigraphics Sign-up Method: PRS-OPEN
Date of Interview: 10/29
Majors: AMTH CMPS
US/Perm
Minimum GPA: 2.700 Must be Sophomore Junior Senior standing
Sign-up released: 9/23/97 DEADLINE 10/15/97
WORK LOCATION: ST. LOUIS, MISSOURI (MARYLAND HEIGHTS, MO)
START 1ST CO-OP WORK SESSION JANUARY 1998

Company: Edward D. Jones & Co. Sign-up Method: PRS-OPEN
Date of Interview: 10/24
Majors: CMPS MGTS
US/Perm
Minimum GPA: 2.950 Must be Junior Senior standing
Sign-up released: 9/24/97 DEADLINE 10/10/97 8AM
Work Location: St. Louis, Missouri
start 1st co-op work session JANUARY 1998 AND OR JUNE 1998

Company: Emerson Electric Sign-up Method: PRS-OPEN
Date of Interview: 10/29
Majors: MECH
Minimum GPA: 2.450 Must be Junior Senior Grad Stu. standing
Sign-up released: 9/23/97 DEADLINE 10/15/97 8AM
Work location: Paragould, Arkansas, Office & Manufacturing
Environment - work in final assembly area
start 1st co-op work session JANUARY 1998

Company: Fisher Controls Sign-up Method: PRS-OPEN
Date of Interview: 10/07
Majors: CHE ELEC EMAN MECH
US/Perm
Minimum GPA: 2.450 Must be Sophomore Junior standing
Sign-up released: 9/16/97 DEADLINE 9/23/97 8AM
WORK LOCATION: MARSHALLTOWN, IOWA
INFORMATION MEETING 10/5/97 6:30 - 7:30 PM
START 1ST CO-OP WORK SESSION JANUARY 1998

Company: Forrester Group Inc. Sign-up Method: PRS-OPEN
Date of Interview: 10/07
Majors: CHE CIVL GEE
US/Perm
Minimum GPA: 2.750 Must be Junior Senior Grad Stu. standing
Sign-up released: 9/16/97 DEADLINE 9/23/97 8AM
Work Location: Springfield, Missouri
Start work JANUARY 1998

Company: GE Appliances Sign-up Method: PRS-OPEN
Date of Interview: 10/09
Majors: MECH ELEC EMAN
US/Perm
Minimum GPA: 2.950 Must be Sophomore Junior Senior Grad Stu. standing
Sign-up released: 9/18/97 DEADLINE 9/25/97 8AM
WORK LOCATION: LOUISVILLE, KENTUCKY, BLOOMINGTON, IN, AND DECATUR, AL
START 1ST CO-OP WORK SESSION JANUARY 1998 AND/OR MAY/JUNE 1998
INFORMAL INFORMATION MEETING OCT 8 FROM 6-7 PM - ME BLDG ROOM 118
ALL STUDENTS INTERVIEWING WITH GE ARE ASKED TO ATTEND TO GET
FURTHER INFORMATION ABOUT GE

Company: General Electric Company Sign-up Method: PRS-OPEN
Date of Interview: 10/21
Majors: MECH ELEC EMAN
Minimum GPA: 2.950 Must be Sophomore Junior standing
Sign-up released: 9/18/97 DEADLINE 9/25/97 8AM
Work Location: FT. WAYNE, INDIANA; VARIOUS PLANT LOCATIONS
GE MOTORS & INDUSTRIAL SYSTEMS - 45 MINUTE INTERVIEWS
CANDIDATES FOR THE CO-OP ASSIGNMENTS WORK IN THE AREAS OF DESIGN,
ANALYSIS, MANUFACTURING AND SOURCING OF ELECTRIC MOTORS.
MINIMUM 3 WORK ASSIGNMENTS

Company: Georgetown Steel Sign-up Method: PRS-OPEN
Date of Interview: 10/21
Majors: ELEC MECH MET
Minimum GPA: 2.750 Must be Freshman Sophomore standing
Sign-up released: 9/30/97 DEADLINE 10/7/97 8AM
WORK LOCATION: KANSAS CITY, MISSOURI
START 1ST CO-OP WORK SESSION JANUARY 98 AND OR MAY/JUNE 1998

Company: Harmon Industries Sign-up Method: PRS-OPEN
Date of Interview: 10/15
Majors: ELEC
Minimum GPA: 2.950 Must be Sophomore Junior standing
Sign-up released: 9/24/97 DEADLINE 10/1/97 8AM
Work Location: Grain Valley, MO (KC metro area) or Riverside, Calif
1st co-op work session January 1998 or May/June 1998

Company: Huffman Engineering Sign-up Method: PRS-OPEN
Date of Interview: 10/10
Majors: ELEC
Minimum GPA: 2.950 Must be Sophomore Junior standing
Sign-up released: 9/19/97 DEADLINE 9/26/97 8AM
WORK LOCATION: LINCOLN, NEBRASKA
START 1ST CO-OP WORK SESSION JANUARY 1998

Company: Hunter Engineering Company Sign-up Method: PRS-OPEN
Date of Interview: 10/02
Majors: ELEC MECH CMPS
Minimum GPA: 3.150 Must be Junior Senior standing
Sign-up released: 9/11/97 DEADLINE 9/18/97
Work Location: Bridgeton, MO near St. Louis Airport
START 1ST CO-OP WORK SESSION JANUARY 1998

Company: Hussmann Corporation Sign-up Method: PRS-OPEN
Date of Interview: 10/20
Majors: MECH ELEC CMPS
Minimum GPA: 2.950 Must be Sophomore Junior Senior standing
Sign-up released: 9/23/97 DEADLINE 10/6/97 8AM
Work Location: BRIDGETON, MO (ST. LOUIS AREA)
START 1ST CO-OP WORK SESSION JANUARY 1998

Company: IL Dept. of Transportation Sign-up Method: PRS-OPEN
Date of Interview: 10/28
Majors: CIVL
Minimum GPA: 2.000 Must be Junior Senior standing
Sign-up released: 9/23/97 DEADLINE 10/14/97 8AM
WORK LOCATION: 15 COUNTY AREA AROUND SPRINGFIELD, ILLINOIS
START 1ST CO-OP WORK SESSION JANUARY 1998 AND OR MAY/JUNE 1998

Company: ISP Chemicals Sign-up Method: PRS-OPEN
Date of Interview: 10/20
Majors: CHE
Minimum GPA: 2.950 Must be Sophomore Junior standing
Sign-up released: 9/26/97 DEADLINE 10/6/97 8AM
WORK LOCATION: CALVERT CITY, KENTUCKY (BY PADUCAH-WESTERN KY)
START 1ST CO-OP WORK SESSION JANUARY 1998

Company: Jefferson Smurfit Sign-up Method: PRS-OPEN
Date of Interview: 10/07
Majors: ELEC
Minimum GPA: 2.000 Must be Sophomore Junior standing
Sign-up released: 10/1/97 DEADLINE 10/24/97 8AM
Work Location: Alton, Illinois
start 1st co-op work session JANUARY 1998
must be able to work at least 2 work sessions
NOT INTERVIEWING HERE ON CAMPUS - WILL SELECT FROM PRESCREEN AND
CONTACT STUDENTS DIRECTLY.

Company: Johnson Controls Sign-up Method: PRS-OPEN
Date of Interview: 10/10
Majors: ELEC MECH
Minimum GPA: 2.450 Must be Sophomore Junior standing
Sign-up released: 9/19/97 DEADLINE 9/26/97 8AM
Work Location: St. Louis, Missouri
START 1ST CO-OP WORK SESSION JANUARY 1998
45 MINUTE INTERVIEWS

Company: Landis & Staefa Sign-up Method: PRS-OPEN
Date of Interview: 10/17
Majors: ELEC MECH EMAN CIVL
US/Perm
Minimum GPA: 2.450 Must be Freshman Sophomore standing
Sign-up released: 9/24/97 DEADLINE 9/10/97 8AM
WORK LOCATION: ST. LOUIS, MISSOURI
START 1ST CO-OP WORK SESSION JANUARY 1998

Company: Magnum Technologies Sign-up Method: PRS-OPEN
Date of Interview: 10/08
Majors: ELEC CHE MECH EMAN
Minimum GPA: 2.000 Must be Junior Senior standing
Sign-up released: 9/17/97 DEADLINE 9/26/97 8:00am
Work Location: Fairview Heights, IL, Houston, TX, Los Angeles, CA
and Las Vegas, Nevada start 1st co-op work session JANUARY 1998
Homepage - <http://www.magnumtech.com>

Company: Mark Andy Inc. Sign-up Method: PRS-OPEN
Date of Interview: 10/15
Majors: MECH
US/Perm
Minimum GPA: 2.950 Must be Sophomore Junior Senior standing
Sign-up released: 9/24/97 DEADLINE 10/1/97
WORK LOCATION: CHESTERFIELD AND EARTH CITY, MISSOURI (ST. LOUIS AREA)

Company: Monsanto Company Sign-up Method: PRS-OPEN
Date of Interview: 10/06
Majors: CMPS MGTS ELEC
Minimum GPA: 2.950 Must be Sophomore Junior Senior Grad Stu. standing
Sign-up released: 9/15/97 DEADLINE 9/22/97 8AM
Work Location: St. Louis, Mo, Chicago, IL, Muscatine - Iowa
START 1ST CO-OP WORK SESSION JANUARY 1998
IF SELECTED TO INTERVIEW, MONSANTO HAS REQUESTED THAT EACH APPLICANT
PICK UP A MONSANTO APPLICATION AND TAKE TO INTERVIEW, PICK UP
303D NORWOOD HALL CO-OP OFFICE

Company: Nott Press Sign-up Method: PRS-OPEN
Date of Interview: 10/10
Majors: MECH
Minimum GPA: 2.000 Must be standing
Sign-up released: 9/19/97 DEADLINE 9/26/97 8AM
WORK LOCATION: ST. LOUIS, MISSOURI
START 1ST CO-OP WORK SESSION JANUARY 1998

Company: Olin Corporation Sign-up Method: PRS-OPEN
Date of Interview: 10/29
Majors: MECH CHE MET CMPS ELEC CER EMAN MGTS
US/Perm
Minimum GPA: 2.650 Must be Sophomore standing
Sign-up released: 9/23/97 DEADLINE 10/15/97 8am
Work Location: E. Alton, Illinois (close to St. Louis)
1ST WORK CO-OP JANUARY OR MAY 1998
VIDEO CONFERENCING INTERVIEW - PICK UP SHEETS ON TIPS FOR VIDEO
INTERVIEWING

Company: Oryx Energy Sign-up Method: PRS-OPEN
Date of Interview: 10/15
Majors: PETR GEOL MECH
Minimum GPA: 2.000 Must be Junior Senior Grad Stu. standing
Sign-up released: 9/24/97 DEADLINE 10/1/97 8am
Work Location: Dallas, Texas
Start 1st co-op work session January 98, May/June 1998 or August 1998
INFORMATION MEETING SCHEDULED 6-7PM OCTOBER 14, 1997
UCE 213 MISSOURI ROOM

Company: Pepsi-Cola Company Sign-up Method: PRS-OPEN
Date of Interview: 10/24
Majors: ELEC EMAN MECH
Minimum GPA: 2.000 Must be Senior standing
Sign-up released: 9/23/97 DEADLINE 10/10/97 8AM
WORK LOCATION: ST. LOUIS, MO
START 1ST CO-OP WORK SESSION JANUARY 1998

Company: Sporlan Valve Sign-up Method: PRS-OPEN
Date of Interview: 10/21
Majors: MECH ELEC
Minimum GPA: 2.750 Must be Junior Senior standing
Sign-up released: 9/23/97 DEADLINE 10/6/97 8am
Work Location: Washington, Missouri - Headquarters
Start 1st co-op work session January 1998 finish August 1998

Company: Sundstrand Corporation Sign-up Method: PRS-OPEN
Date of Interview: 10/10
Majors: MECH ELEC AERO
US/Perm
Minimum GPA: 2.750 Must be Sophomore Junior standing
Sign-up released: 9/23/97 DEADLINE 10/6/97
WORK LOCATION: ROCKFORD, ILLINOIS
START 1ST CO-OP WORK SESSION JANUARY 1998

Company: Sunnen Products Sign-up Method: PRS-OPEN
Date of Interview: 10/01
Majors: ELEC EMAN MECH
US/Perm
Minimum GPA: 3.450 Must be Freshman Sophomore standing
Sign-up released: 9/10/97 DEADLINE 9/17/97 8AM
Work Location: St. Louis, Missouri
start 1st co-op work session January 1998 AND/OR MAY/JUNE 1998
Information Meeting 7-8 PM 9/30/97 - UCE SILVER AND GOLD ROOM

Company: Tensulum Div/Kaiser Aluminum Sign-up Method: Open
Date of Interview: 10/20
Majors: MET
US/Perm
Minimum GPA: 2.700 Must be Sophomore Junior standing
Sign-up released: 9/22/97 DEADLINE 9/29/97
WORK LOCATION: JACKSON, TENNESSEE
START 1ST CO-OP WORK SESSION JANUARY 1998 AND/OR MAY/JUNE 1998

Company: U.S. Space & Rocket Center Sign-up Method: Open
Date of Interview: 10/28
Majors: CHEM AERO MECH CHE PHYS AMTH LIFS ENGL ECON HIST
US/Perm
Minimum GPA: 2.450 Must be Junior Senior standing
Sign-up released: 10/14/97 DEADLINE 10/21/97
WORK LOCATION: HUNTSVILLE, ALABAMA
START 1ST WORK SESSION JANUARY 1998
INFORMATION MEETING 10/27/97 6PM UCE 211 MERAMEC ROOM
NOTE: TEAM LEADER/COUNSELOR AT THE US SPACE CAMP

Company: U.S. Space & Rocket Center Sign-up Method: Open
Date of Interview: 10/28
Majors: CER CIVL ELEC EMAN GEE MET MIN NUCL PETR CMPS
US/Perm
Minimum GPA: 2.450 Must be Junior Senior standing
Sign-up released: 10/14/97 DEADLINE 10/21/97
WORK LOCATION: HUNTSVILLE, ALABAMA
START 1ST WORK SESSION JANUARY 1998
INFORMATION MEETING 10/27/97 6PM UCE 211 MERAMEC ROOM
NOTE: TEAM LEADER/COUNSELOR AT THE US SPACE CAMP

Company: Union Electric Sign-up Method: Open
Date of Interview: 10/07
Majors: ELEC MECH CIVL EMAN CMPS
US/Perm
Minimum GPA: 2.450 Must be Junior Senior standing
Sign-up released: 9/23/97 DEADLINE 9/30/97 8am
Work Location: St. Louis, MO, AND MID MISSOURI
NOTE - NOTE VERY IMPORTANT (MUST BE COMPLETING OR HAVE COMPLETED
1ST SEMESTER OF JUNIOR LEVEL COURSES (IN YOUR MAJOR) MAJOR COURSES
start 1st co-op work session JANUARY 1998

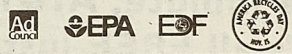
Company: Union Pacific Railroad, Info Tech Sign-up Method: PRS-OPEN
Date of Interview: 10/24
Majors: ELEC
US/Perm
Minimum GPA: 2.450 Must be Freshman Sophomore Junior standing
Sign-up released: 9/23/97 DEADLINE 10/10/97 8AM
WORK LOCATION: OMAHA, NEBRASKA
START 1ST CO-OP WORK SESSION JANUARY 1998 AND/OR MAY/JUNE 1998
INFORMATION MEETING 10/23/97 7-8:30PM - 201 Norwood Hall

Company: Union Pacific RR Sign-up Method: PRS-OPEN
Date of Interview: 10/22, 10/
Majors: MECH CIVL EMAN ELEC
US/Perm
Minimum GPA: 2.450 Must be Junior Senior Sophomore standing
Sign-up released: 9/23/97 DEADLINE 10/6/97 8am
WORK LOCATION: OMAHA, NEBRASKA AND LITTLE ROCK, ARKANSAS
INFORMATION MEETING 10/21 - UCE 211 Meramec Room
6-7 PM
START 1ST CO-OP WORK SESSION JANUARY 1998 AND CONTINUE TO AUGUST 1998
AND JUNE 1998 THROUGH DEC 1998 Homepage: www.uprr.com

Company: Westar Corporation Sign-up Method: PRS-OPEN
Date of Interview: 10/09
Majors: ELEC CMPS AERO
US/Perm
Minimum GPA: 2.950 Must be Junior Senior standing
Sign-up released: 9/18/97 DEADLINE 9/25/97 8AM
WORK LOCATION: ST. LOUIS, MISSOURI
START 1ST CO-OP WORK SESSION: SPRING 1998
POSITION REQUIRES SECURITY CLEARANCE - 45 MINUTE INTERVIEWS
CO-OP JOB TITLE SOFTWARE ENGINEER/HARDWARE ENGINEER
WEB PAGE ADDRESS www.westar.com

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Wednesday, October 1, 1997

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Financial Aid

RURAL MISSOURI, INC.

If you have been employed as a farmworker in the past two years, you may be eligible to receive free tuition assistance for your education. If you have worked as a farm, orchard, greenhouse or poultry/egg production employee, you may qualify. To obtain details and the field representative closest to you call 1-800-234-4971.

CHRYSLER ANNOUNCES NEW SCHOLARSHIP PROGRAM

With an eye toward assisting outstanding college bound students, Chrysler Corporation recently awarded 1,000 grants to 40 recipients through its new Junior Golf Scholarship Program. Even though the majority of the winners play golf, all selections were made based upon their academic and extracurricular effort. For more information on this exciting program call 1-800-856-0764.

DEPARTMENT OF THE ARMY U.S. ARMY HEALTH PROFESSIONAL SUPPORT AGENCY

Let the Army pay your way through Medical, Dental Optometry School, or a Doctoral level degree in Clinical/Research Psychology. Scholarship includes: full tuition, required books, lab fees, required equipment rental, \$865.00 monthly stipend.

FOR MORE INFORMATION ON ARMY SCHOLARSHIP OPPORTUNITIES CONTACT: CAPTAIN DINO L. MURPHY OR MRS. SHARON MACKENZIE AT 1-800-829-0924.

THE JOHN GYLES EDUCATION FUND SCHOLARSHIP

The John Gyles Education Fund is a private, benevolent endeavor established seven years ago with the help of a Canadian/American benefactor. Each year financial assistance is available to students in both Canada and the United States. Full Canadian or American citizenship is a requirement. Awards are available to both male and female students for all areas of post-secondary study. A minimum GPA of 2.7 is required. Criteria other than strictly academic ability and financial need are considered in the selection process. Selected students will receive up to \$3,000.00. Filing dates for mailing application in 1997 are April 1st, June 15th, November 15th. Applications must be mailed by these dates.

To receive an application please send a stamped *** (US 32 cents), self-addressed, standard letter size (No. 10) envelope to the following address: The John Gyles Education Fund, Attention: R. James Cogle, Administrator, P. O. Box 4808, 712 Riverside Drive, Fredericton, New Brunswick Canada

ESB 5G4.

We use international mail services, therefore U.S. postage is acceptable.

KIDS' CHANCE INC. OF MISSOURI

What is Kids' Chance? It is a non-profit corporation developed by interested insurers, employers, attorneys, labor, medical and rehabilitation groups. The purpose of Kids' Chance is to provide financial scholarships to complete the education of children of workers who have been seriously injured or killed in Missouri work related injuries.

Which Children are Eligible for the Scholarship? Children who have a parent who was permanently or catastrophically injured or killed in a Missouri compensable injury or occupational disease, and who are Missouri residents between the ages of 16 and 25.

Applications available in the Student Financial Aid Office, G-1 Parker Hall, Rolla, MO 65409-0250 or by calling 1-800-522-0938.

AMERICORPS EDUCATION AWARDS PROGRAM

The AmeriCorps Education Awards Program offers members the standard AmeriCorps education stipend of over \$4,700 for one year of community service, but unlike AmeriCorps USA, it does not provide a living allowance or other benefits.

For information on this program contact the Student Financial Aid Office, G-1 Parker Hall.

CARAT SCHOLARSHIP FOUNDATION

To receive current information packets and applications for The Carat Scholarship, please have interested students send a stamped self addressed envelope to: Carat Scholarship Foundation, Attn: Carol McAuliffe-Director, 5 Magnolia Parkway, Hawthorn Woods, IL 60047.

The schedule for the Carat Scholarship Foundation Awards is as follows:

Academic semester: Spring 1998, Applications Postmarked by: November 1, 1997, Awards Distributed by: December 15, 1997.

Academic semester: Fall 1998, Applications Postmarked by: April 1, 1998, Awards Distributed by: June 15, 1998.

Academic semester Spring 1999, Applications Postmarked by: November 1, 1998, Awards Distributed by: December 15, 1998.

Carat Scholarship Foundations is funded by the contributions of civic-minded individuals, businesses and various fund raisers. The Foundation offers \$500-\$1000 scholarships semi-annually to graduate and undergraduate students who are United States citizens. The scholarships are awarded on

the basis of career goals, financial need and academic record.

CHARLES P. BELL CONSERVATION \$500 SCHOLARSHIPS QUALIFICATIONS

Applicant must be a Missouri resident. Applicants enrolled in Missouri schools will be given preference.

Applicant must be involved in the management of natural resources, specifically: Fish, Wildlife, Forest, Soil, Water.

Applicants must already have earned at least 60 hours of college credits.

Applications available in the Student Financial Aid Office, G-1 Parker Hall.

Application deadline must be received by: January 15, 1998.

1997-98 NATIONAL HISPANIC SCHOLARSHIP FUND

The National Hispanic Scholarship Fund was founded in 1975 to help Hispanic American college students complete their education. NHSF scholarships are available on a competitive basis to Community College, Four-Year College, or Graduate students of Hispanic background. Awards usually range from \$500 to \$2000.

ELIGIBILITY

You must be of Hispanic parentage and either a U.S. Citizen or a permanent resident of the United States. You must have completed at least 15 undergraduate college credits in the U.S. or Puerto Rico with a minimum Grade Point Average (GPA) of 2.5.

You must be enrolled in an accredited college for Fall 97 and in attendance through Spring 1998 as a full-time student; undergraduates must carry at least 12 units, graduate must carry at least 6 units.

Applications available in the Student Financial Aid Office, G-1 Parker Hall.

Application period and deadline: August 15 - October 1, 1997 (must be postmarked by October 1, 1997).

ZONTA INTERNATIONAL AMELIA EARHART FELLOWSHIP AWARDS FOR WOMEN 1998-99 ELIGIBILITY

Have completed a bachelor's degree in a qualifying area of science or engineering closely related to advanced studies in aerospace-related science or aerospace-related engineering.

Demonstrate a superior academic record with evidence of potential at a recognized university or college as verified by transcripts, recommendations and acceptance or verification by an institution of higher education with accredited courses in aerospace-related studies.

Provide evidence of a well-defined research program in aerospace-related science or aerospace-related en-

gineering as described in the application essay, research and publications. Clearly demonstrate the relationship of your research to aerospace and verify your research program with at least one letter of recommendation.

By the time the fellowship grant is awarded, have completed one year of aerospace-related graduate studies at a well recognized institution of higher education.

Applications available in the Student Financial Aid Office, G-1 Parker Hall.

Application deadline must be postmarked by November 1, 1997.

PETER D. COURTOIS CONCRETE CONSTRUCTION SCHOLARSHIPS

Two \$1,000 (U.S.) awards are available through the ACI Concrete Research and Education Foundation (ConREF) for undergraduate study in concrete construction for the 1998-99 academic year. The Peter D. Courtois Concrete Construction Scholarship honor the memory of Peter D. Courtois, whose long-term commitment to practical achievements in construction focused on the fields of formwork and tilt-up construction.

REQUIREMENTS:

These awards are open to any undergraduate student in the United States or Canada. The student shall have achieved senior status in a four-year or longer undergraduate program in engineering, construction, or technology during the year for which the awards are presented. The awards will be made on the basis of demonstrated interest and ability to work in the field of concrete construction.

The student must have a course load of 6 or more credit hours each semester during the period for which the award is made.

The student must be a senior during the year for which the award is made (not necessarily at the time of application).

Transcripts, recommendations, and an essay must be submitted as outlined on the application form. Applications available in the Student Financial Aid Office, G-1 Parker Hall. Application deadline must be received by: January 15, 1998.

CONCRETE RESEARCH AND EDUCATIONAL FOUNDATION OF ACI INTERNATIONAL

\$3,000 (U.S.) awards are now available through the ACI International Concrete Research and Education Foundation (ConREF) for graduate study in the field of concrete for the 1998-99 academic year. The awards include the Katharine and Bryant Mather Fellowship, ACI - W.R. Grace Fellowship, V. Mohan Malhorta Fellowship, Stewart C. Watson Fellowship, and ACI Fellowships.

REQUIREMENTS:

These awards are open to any student completing studies toward the bachelor degree or one who has received a bachelor degree from a higher education institution which is accredited by the responsible regional or national agency.

The following criteria must be met by the applicant:

Must have possession of a bachelor degree from an accredited program by the summer of 1998.

At the time of acceptance of the fellowship (but not necessarily at the time of application) the applicant must have been accepted for graduate study. This graduate study must be in engineering, architectural, or materials science program at an accredited college or university in the USA or Canada which offers a graduate program in concrete design, materials, or construction, with the exception of the V. Mohan Malhotra Fellowship which is available only to an applicant majoring in concrete materials science research and the Stewart C. Watson Fellowship which is available to an applicant with a special interest in joints and bearings for concrete structures.

Must be a full-time first or second-year graduate student during the entire fellowship year.

Must be proficient in the English language (or French as required in Province of Quebec or Spanish in Puerto Rico).

Applications available in the Student Financial Aid Office, G-1 Parker Hall.

Application deadline must be received no later than: January 15, 1998.

NATIONAL SECURITY EDUCATION PROGRAM (NSEP)

The National Security Education Program was designed to provide American undergraduates with the resources and encouragement they need to acquire skills and experience in countries and areas of the world critical to the future security of our nation. As a student of another culture and language you will begin to acquire the international competence you need to communicate effectively across borders, understand other perspectives and analyze increasingly fluid economic and political realities.

REQUIREMENTS:

As a U.S. undergraduate student, you are eligible to apply for an NSEP scholarship if you meet the following conditions:

U.S. citizenship at the time of application.

Matriculated as a freshmen, sophomore, junior, or senior in a U.S. post-secondary institution, including universities, colleges, and community colleges accredited by an accrediting body recognized by the U.S. Department of Education.

Applying to engage in a study

abroad experience that meets home institution standards.

Planning to use the scholarship for study abroad. NSEP undergraduate scholarships are not for study in the U.S.

Your study abroad program ends before you graduate.

Applications available in the Student Financial Aid Office, G-1 Parker Hall. Application deadline: **January 26, 1998.**

THE RHODES SCHOLARSHIPS

The Rhodes Scholarship is tenable at the University of Oxford. It may be held for a maximum of three years. Since the majority of Rhodes Scholars undertake a like of study which enables them to take a degree in two years, appointments are made for a minimum of two years.

The stipend of Rhodes Scholarship consists of a direct payment to the Scholar's College of all tuition fees (such as matriculation, tuition, laboratory fees, and certain other set charges), plus a maintenance allowance paid directly to the Scholar in installments during the two-year term of the scholarship.

An applicant must be a citizen of the United States. An applicant must by October 1st of the year have passed the eighteenth and not have passed the twenty-fourth birthday. An applicant must have achieved academic standing sufficiently advance to assure completion of a Bachelor's Degree before October 1998.

For further information, contact Dr. Walter J. Gajda, Jr., 204 Parker Hall. The campus application deadline is **October 3, 1997.**

THE BARRY M. GOLDWATER SCHOLARSHIP AND EXCELLENCE IN EDUCATION FOUNDATION

This scholarship covers eligible expenses for tuition, fees, books, and room and board to a maximum of \$7,500 per academic year. Junior scholarship recipients can expect to receive a maximum of two years of scholarship support. Senior scholarship recipients are eligible for a maximum of one year of scholarship support.

ELIGIBILITY:

To be considered for nomination, a student must:

- be a current sophomore or junior pursuing a bachelor's degree on a full-time basis. A current sophomore student in a

- two-year college who plans to transfer to a baccalaureate program may be nominated.

- have an average of at least B or the equivalent and be in the upper fourth of his or her class.

- be a U.S. citizen, U.S. national, or resident alien.

- have a demonstrated interest in a career in mathematics, the natural sciences, or engineering.

- be nominated by his or her college or university on the official

- nomination materials provided by the Barry M. Goldwater Scholarship and Excellence in Education Foundation.

DEADLINE:

The campus deadline is **4:30 p.m. on December 5, 1997.** Applications must be complete, including letters of reference and transcripts and returned to the Office of the Vice Chancellor for Academic Affairs, 204 Parker Hall, by this date. The application is also available via our Home Page: <http://www.umn.edu/~ac-affs/pressrel.html>

MARTIN LUTHER KING, JR. SCHOLARSHIP

Applications are now being accepted for the Martin Luther King, Jr. Memorial Scholarship which will begin in the spring of 1998.

Applicants must be currently enrolled UMR students who are pursuing a degree program in engineering or science.

Selection will be based upon academic achievement, potential leadership qualities, and financial need.

Application forms are available at the Minority Engineering Program office, 212 Engineering Research Laboratory, and the Student Financial Aid, G-1 Parker Hall.

Application deadline is: **October 15, 1997.**

KANSAS CITY CHAPTER OF THE CONSTRUCTION FINANCIAL MANAGEMENT ASSOCIATION

The Kansas City Chapter of CFMA is a professional organization that is promoting growth of construction financial management in the Kansas City area. Since its inception in 1985, the primary purpose of the Kansas City Chapter has been to unite individuals having financial responsibilities in the construction industry and provide a forum through which the members can meet to exchange ideas. We sincerely want to see construction financial management as a profession passed on to qualified outstanding men and women.

REQUIREMENTS:

Scholarships will be awarded based on merit and the recipient's potential contribution to the financial management of the construction industry in the Kansas City area. Financial need may be considered. To be eligible for a scholarship from the Kansas City Chapter an applicant must meet the following criteria:

- Be enrolled or plan to enroll in an accredited four year Degree Program as a Junior during the 1998-99 school year with a series of courses related to an Accounting, Finance, or Management degree.

- Qualify as a full time student (minimum of 12 hours a semester).

- Provide proof of previous scholastic achievement (minimum cumulative 3.0 grade-point average on a 4.0 scholar or equivalent) and be progressing toward a degree or certificate.

- Provide a letter or recommendation from a college professor, a business person, and a personal acquaintance.

- Be capable of serving an internship in Kansas City during the summer of 1998.

Application deadline must be submitted before: **December 31, 1997.**

mitted before: **December 31, 1997.**

DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION MISSOURI TEACHER EDUCATION SCHOLARSHIP

This scholarship is a on-time non-renewable award of \$2000 to be used in one academic year.

REQUIREMENTS:

- Be a Missouri resident.

- Be a high school senior: freshman or sophomore at a community or four-year college or university in Missouri (with not more than 60 college credit hours).

- Rank in the top 15% of their high school class or score in the top 15 national percentile on an ACT or SAT examination (Last year the qualifying ACT Score was 25).

- Application packet must be submitted by: **February 15, 1998.**

DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION MISSOURI MINORITY TEACHING SCHOLARSHIP.

This scholarship is a \$3,000 per year renewable award for up to four years.

- Be a Missouri resident.

- Be African American, Asian American, Hispanic American, or Native American.

- Be a high school senior, college student, or returning adult (without a degree) who ranks in the top 25 percent of their high school class and scores at or above the 75th percentile on the ACT or SAT examination. (Last year qualifying ACT score was 23.) OR, individuals who have completed 30 college hours and have a cumulative G.P.A. of 3.0. OR, individuals with a baccalaureate degree who are returning to an approved math or science teacher education program.

- Application must be submitted by: **February 15, 1998.**

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.

A Grant-in-Aid is a grant of funds to a full-time graduate student of ASHRAE-related technologies. Is awarded once each year for use in the following academic year. Normally 20 to 25 grants are made each year.

Applicants should be involved in the heating, ventilation, air conditioning or refrigeration (HVAC&R) fields or in related areas. These related areas may include indoor air quality, energy conservation, human comfort or HVAC system design, operation or maintenance.

Applications must be received by: **December 15, 1997.**

BRITISH MARSHALL SCHOLARSHIPS

The British Marshall Scholarships, funded by the British Government, were established in 1953 as a national expression of gratitude to the

United States under the Marshall Plan after World War II. The scholarships are awarded annually to up to 40 US citizens, who are college graduates.

The benefits include tuition fees, a living allowance, fares between the United States and Britain, and a book grant.

The scholarships enable the successful candidates to study a wide range of subjects for a further degree at any of Britain's universities and business schools. The selectors are looking for candidates of high quality and wide interests who plan to take up careers not only in higher education but in commerce and industry, the arts and professions and public life generally.

To mark the fiftieth anniversary of the Marshall Plan, the British government is providing support for two additional special awards, the Marshall Sheffield Fellowships. The purpose of the Marshall Sheffield Fellowships is to introduce American scientists and engineers to the cutting edge of UK expertise. It is intended that this in turn will build longer-term contacts and international links between the United States and the United Kingdom in key areas of science, technology and engineering. The Marshall Sheffield Fellowships will support research in any area of science, technology and engineering, and will be tenable at any United Kingdom university or research institute. Candidates must be U.S. citizens and hold a Ph.D. in a science, technology, or engineering subject. There is no age limit.

For further information, contact Dr. Walter J. Gajda, Vice-Chancellor for Academic Affairs, 204 Parker Hall. The campus deadline is **October 7, 1997.**

FULBRIGHT GRANTS

The United States Information Agency (USIA), the J. William Fulbright Foreign Scholarship Board and the Institute of International Education (IIE) announce the official opening of the 1998-99 competition for Fulbright and related grants for graduate study abroad in academic fields and for professional training in the creative and performing arts.

The purpose of these grants is to increase mutual understanding between the people of the United States and other countries through the exchange of persons, knowledge and skills. Fulbright Grants are funded under the Mutual Educational and Cultural Exchange Act of 1961 through an annual appropriation made by Congress to USIA and by foreign governments, universities, corporations, and private donors. Fulbright Grants are available for study or research. Travel grants are available to selected countries to supplement maintenance awards from other sources that do not provide funds for international travel or to supplement the applicant's personal funds. The J. William Fulbright Foreign Scholarship Board, composed of 12 educational and public leaders appointed by the president of the United States, establishes criteria for the selection of candidates and has final authority for the awarding of grants.

For all grants, applicants must be U.S. citizens at the time of application

and hold a bachelor's degree or its equivalent by the beginning date of the grant. Creative and performing artists are not required to have a bachelor's degree, but they must have four years of relevant training or study. Candidates in medicine must have an M.D. or equivalent (e.g. D.D.S., O.D., etc) at the time of application.

All applicants are required to have sufficient proficiency in the language of the host country to carry out their proposed research or study.

Full grants provide round-trip international travel, maintenance for the tenure of the award, a research allowance, and tuition waivers, if applicable. Travel grants provide round-trip international travel to the country where the student will pursue study or research. All grants include supplemental health and accident insurance.

For further information, contact Dr. Walter Gajda, Jr., 204 Parker Hall. The campus application deadline is **October 17, 1997.**

1998 NSF GRADUATE RESEARCH FELLOWSHIPS-GRADUATE FELLOWSHIPS AND MINORITY GRADUATE FELLOWSHIPS

The National Science Foundation (NSF) will award approximately 1,000 new three-year Graduate Fellowships and Minority Graduate Fellowships in March 1998. Separate competitions are conducted for Graduate Fellowships and Minority Graduate Fellowships, each with additional awards offered for women in engineering and computer and information science.

The NSF Graduate and Minority Graduate Fellowships are only open to individuals who are, at the time of application, citizens or nationals of the United States or permanent resident aliens of the United States.

The NSF Graduate Fellowships are intended for students at or near the beginning of their graduate study in science, mathematics, or engineering. Eligibility is limited to those individuals who, by the beginning of the fall 1997 term, have completed no more than 20 semester hours of graduate study in the science and engineering fields supported by this program since completion of a baccalaureate degree in science or engineering.

The NSF Minority Graduate Fellowship competition is open to members of a racial or ethnic minority group represented in the advanced levels of the U.S. science and engineering pool as defined in the program announcement. Minority Graduate Fellowships are intended for students in the early stages of their graduate study in science, mathematics, or engineering. Eligibility is limited to those individuals who, by the beginning of the fall 1997 term, have completed no more than 30 semester hours or equivalent, of graduate study in the science and engineering fields supported by this program since completion of a baccalaureate degree in science or engineering.

The NSF Fellowship stipend during 1998-99 will be \$15,000 for 12-month tenures. Applications may be obtained from the Office of the Vice Chancellor for Academic Affairs, 204 Parker Hall. Applications must be postmarked by November 6, 1997.

All organizations and places are...
Please send all...
mentioned off...



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Calendar of Events

All organizational meeting times and places are provided by the Student Activity Center, 218 UCW. Please send all changes to the aforementioned office.

Wednesday

All Day: St. Pats committee Green sales begin, The Puck



PIZZA PALACE

Real Italian Pizza
122 W. 8th St. Rolla, MO

SUN-THUR 11AM-11PM
FRI-SAT 11AM-1AM

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4:00 pm: Rugby team practice, Rugby fields

5:45 pm: Christian Science Org., Sunrise Rm UCW

6:00 pm: Chess club, Gallery UCE

6:00 pm: MSM Spelunkers Club, 204 McNutt

6:20 pm: Associated General Contractors, 217 CE

6:20 pm: American Concrete Institute, 118 CE

7:00 pm: American Society of Civil Engineers, 117 CE

7:30 pm: Society of Mining Engineers, 212 McNutt

8:00 pm: Alpha Chi Sigma, G-3

Schrenk

9:00 pm: Women's volleyball club practice, Multi-purpose Bldg

Thursday

9:00 am: Alpha Phi Alpha information table, The Puck

2:00 pm: Spanish Club, 205 H-SS

3:00 pm: Men's volleyball club practice, Multi-purpose Bldg

3:30 pm: Computer Science Department Seminar, "Specifying and Analyzing Software Quality Requirements from Multiple Perspectives", 209 M-CS

3:30 pm: Student Council lawyer, Walnut Rm UCW

4:00 pm: Rugby team practice, Rugby fields

6:00 pm: Christian Camp Fellowship, Mark Twain or Missouri Rms UCE

6:00 pm: Toastmasters, 109 CSF

6:30 pm: UMR Continuing Education Short Course, "Pilot Ground School Meramec Rm UCE

7:00 pm: St. Pats, 107C ME Annex

8:00 pm: Academic Competition Org 314 CE

8:00 pm: Solar Car Team, 103 Eman

continued on page 28

CENTRAL INTELLIGENCE AGENCY

College sophomores and juniors are invited to apply for the CIA's Student Programs for Summer 1998. The programs are designed to give promising undergraduate and graduate students the opportunity to gain practical work experience to complement their academic studies. While earning competitive incomes, students will participate in meaningful work assignments commensurate with their academic training. Housing assistance is provided. Other work programs for students are also available.

DESIRED MAJORS: Electrical engineering, computer engineering, computer science, mathematics, economics, physics, remote sensing, languages, international studies, logistics/supply/procurement, business administration, geography, accounting and finance.

REQUIRED: US citizenship, a minimum 2.75 GPA following freshman year and successful completion of a medical examination, a polygraph interview and an extensive background investigation.

LOCATION: Washington, DC/Northern Virginia area.

TO APPLY: Complete and return the Interest Form below with your resume no later than October 9, 1997. Prompt response is required to ensure consideration for summer 1998 employment.

CIA INTEREST FORM

Name: _____ Phone: _____

Current Address: _____

Fr So Jr Sr Major: _____ GPA: _____

University: _____ Grad Date: _____



Personnel Representative
DEPT. RAUMR0997
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Dallas, TX 75374-1628

We will respond within 45 days if there is further interest. The CIA is an equal opportunity employer.

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What If I Have A Computer Virus?

Most people are sure that it can't happen to them, but they are wrong. Your computer is just as susceptible to viruses as the next guy's is. Viruses can not only be annoying, they can just as easily destroy hard drives. If you think you may have a computer virus, or you just want to be able to protect yourself from getting one in the future, you should invest in a good virus protection program.

Windows 95 users

Faculty and Staff can purchase a registered copy of McAfee Virus Scan from the Computing and Information Services Department for \$15.00, a much lower price than replacing your entire hard drive.

Students can download a 31 day trial version or purchase a registered version of McAfee Virus Scan from their Web Sight at <http://www.mcafee.com>. This is highly recommended, especially if you download a lot of files from the Web.

Windows 3.X and DOS users

Anyone can obtain a copy of F-Prot Virus Protection software for free from the Helpdesk Software Archive, located at <http://www.umn.edu/helpdesk/software>. Also available from this sight is a software program that will check for and remove from your hard drive the Word Macro Virus.

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Friday

9:00 am: Alpha Phi Alpha information table, The Puck

2:00 pm: UMR Lady Miner soccer vs. St. Joseph's College, Rensselaer, Ind.

3:00 pm: Trap & Skeet Club, 107 Buehler

4:00 pm: UMR Miner soccer vs. St. Joseph's College, Rensselaer, Ind.

7:00 pm: Show Me Anime, 204 McNutt

Saturday

9:00 am: Alpha Phi Alpha information table, The Puck

2:00 pm: Chess Club, Gallery UCE

7:00 pm: UMR Miner football vs. Pittsburg State University, Pittsburg, Ka

Sunday

9:00 am: Bahai Club, 204 McNutt

9:00 am: Alpha Phi Alpha information table, The Puck

1:30 pm: Chinese Student Assn., 105, 117, 215, 216 ME

7:00 pm: Men's and women's volleyball club practice, Multi-purpose Bldg

8:00 pm: KMN, 107C ME Annex

Monday

9:00 am: Alpha Phi Alpha information table, The Puck

11:30 am: University Orators Chapter of Toastmasters International, Missouri Rm UCE

12:30 pm: SUB Homecoming activities, The Puck

6:00 pm: UMR Independents officers meeting, Walnut Rm UCW

6:30 pm: UMR Continuing Education Short Course, "Pilot Ground School", Meramec Rm UCE

7:00 pm: National Society of Black Engineers/Assn. of Black Students, 204 McNutt

8:00 pm: Academic Competition Org., 314 CE

Tuesday

9:00 am: Alpha Phi Alpha information table, The Puck

12:30 pm: SUB Homecoming activities, The Puck

3:30 pm: Christian Campus Fellowship, 106 Eman

4:00 pm: Rugby team practice, Rugby fields

4:30 pm: UMR Chemistry seminar, "Optical Sol-Gel Materials Based on Binding and Catalysis by Biomolecules", G-3 Schrenk

5:00 pm: IFC, 216 McNutt

5:00 pm: UMR Lady Miner soccer vs. Quincy University, UMR Soccer Complex

6:00 pm: American Indian Science & Eng. Soc., 212 McNutt

6:30 pm: Student Council executive meeting, Missouri Rm UCE

7:00 pm: UMR Miner soccer vs. Quincy University, UMR Soccer Complex

7:00 pm: Assn. of Engineering Geologists, 204 McNutt

7:00 pm: Am. Society of Civil Engineers EIT review session, 117 CE

7:00 pm: UMR College Democrats, 216 McNutt

7:00 pm: Alpha Phi Omega, 114 CE

7:00 pm: Film Festival *The English Patient*, Leach Theatre Castleman Hall

8:00 pm: Amateur Radio Club Meeting, 110 Buehler Bldg

8:30 pm: Kappa Mu Epsilon, 202 M-CS

9:00 pm: Delta Omicron Lambda, 206 Schrenk Hall

9:00 pm: Arnold Air Society, 208 Harris Hall

Next Wednesday

9:00 am: Alpha Phi Alpha information table, The Puck

12:00 pm: Booster Club, Pizza Inn 1735 N. Bishop Ave

12:30 pm: SUB Homecoming activities, The Puck

3:30 pm: Mechanical & Aerospace & Engineering Mechanics Seminar

"Product Design and Development: Boeing Experience", 214 ME Annex

4:00 pm: Rugby team practice, Rugby fields

5:45 pm: Christian Science Org., Sunrise Rm UCW

6:00 pm: Chess club, Cafeteria UCE

6:00 pm: MSM Spelunkers Club, 204 McNutt

6:30 pm: Blue Key, 216 ME

6:30 pm: AICHE, G-3 ChE

7:00 pm: Institute of Electrical and Electronics Engineers, G-31 EE

7:30 pm: Society of Mining Engineers 212 McNutt

8:00 pm: SUB comedian Mike Lukas Centennial Hall, UCE

9:00 pm: Women's volleyball club practice, Multi-purpose Bldg



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