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## The Missouri Miner, April 02, 1997

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# MISSOURI MINER

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



April 2, 1997

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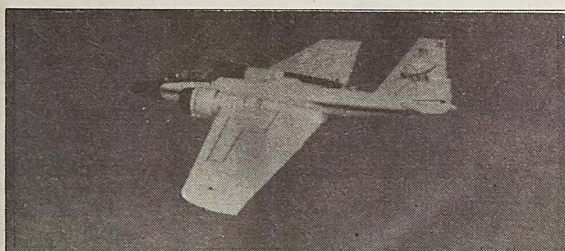
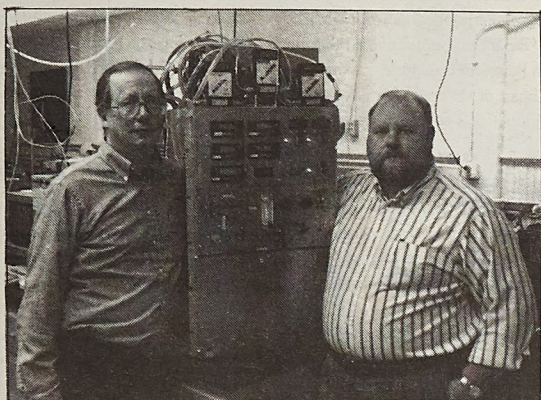


photo courtesy UMR public relations

Above: Donald Hagen (left) and Philip Whitefield  
Below: An Air Force WB-57 like the one they will use

## Researchers chase shuttle in "exhaustive" study



News Services

Source

University of Missouri-Rolla researchers will test space shuttle exhaust just after the shuttle launches tomorrow to see how the shuttle's exhaust affects the ozone layer.

Drs. Donald Hagen and Philip Whitefield — researchers in UMR's Cloud and Aerosol Sciences Laboratory — will conduct the tests at Cape Canaveral, Florida, as part of an Air Force-sponsored research program called "Rocket Impact on Stratospheric Ozone" (RISO).

"We will investigate the immediate and local impact of a shuttle launch on the ozone layer," Whitefield says. "We can do all the modeling on Earth that we want, but the only way to prove these models is to test the actual exhaust."

The researchers planned to run the experiment in November, but shuttle delays caused their testing to be moved to April.

The researchers' equipment will gather samples as an Air Force WB57 performs figure-eights through the shuttle's plume about 20 minutes after takeoff. (Safety issues prohibit aircraft from flying into the plume any sooner.) The NASA-operated jet will transmit data during the flight and bring samples and the equipment back to the Cape, where Hagen, Whitefield and their co-workers, Ray Hopkins and Max Alcorn, will evaluate the data.

"We are trying to establish what role particulates in the shuttle's exhaust play in ozone depletion during a launch and how long they persist," Hagen says. "We will quantify their size, total concentration and reactive surface area. These are things the Air Force and NASA need to know in order to evaluate how the exhaust affects the environment."

A \$220,000 grant from the Air Force and a \$50,000 matching grant from the University of Missouri-Rolla funds the study, which also includes the interrogation of plumes from Titan and Delta rocket launches from the Cape and Vandenberg Air Force Base in California. Two of the Titan launches and

one Delta launch already have taken place.

Hagen and Whitefield are internationally known for their research into the exhaust of commercial jets, including the Concorde. Their equipment, however, had to be redesigned to endure the extremely low temperatures (-60 degrees Fahrenheit) and low atmospheric pressure between altitudes of 50,000 and 70,000 feet, where the shuttle samples will be gathered.

"Our instrumentation was originally designed to work at much lower altitudes," Whitefield says. "The extreme cold and low pressure make instrumentation a real challenge. We're on the learning curve."

The Air Force and NASA want answers to the questions about the local environmental impact of rocket exhaust. The UMR researchers' tests, along with those of their colleagues in project RISO, will be the most comprehensive tests conducted on the shuttle's plume to date, Hagen says. Results are scheduled to be reported at a special session of the American Institute of Aeronautics and Astronautics meeting in Reno, Nevada, in January 1998.

## Excel announces spring banquet



Keith Missey

Excel Source

The Excel Leadership Academy and the Corporate Development Council have announced plans for the final event of the 1996-97 Excel Professional Leadership Series. A Spring Banquet will be held on April 17 for the University of Missouri - Rolla's student leaders.

Each student organization is invited to send three of its younger members who have shown high leadership potential. The banquet is an opportunity to meet with members of UMR's Corporate Development Council, a group composed of alumni who represent corporations that have strong ties to UMR, and with representatives of other major corporations interested in hiring UMR graduates.

According to Excel Mentor Katherine Derhake, one of the event's planners, the banquet will be followed by a panel discussion presented by several of UMR's recent alumni. The topic will be "Career Preparation at UMR: What I Wish I'd Done Differently."

The Excel Professional Leadership Series is an annual program of events designed to encourage interest in leadership development among UMR undergraduates by bringing speakers and panels who present hands-on information about becoming a leader in one's chosen career path.

This year, speakers have included the CEO of a multi-million dollar computer business, a world class inventor and entrepreneur, a very successful manager at a top-ranked Fortune 500 Company, and a corporate culture expert from another major corporation.

see Excel, page 12

## Homecoming offers new crown



Amy Strouse

SUB Source

Homecoming for the 1997-98 school year will be the weekend of October 11 and 12. The Student Union Board has added a Homecoming King contest in addition to a Queen. This will provide recognition for all of UMR's outstanding students. Men at UMR have not been traditionally recognized on campus with the exception of St. Pat's Knights.

Scoring for the royalty is largely based on campus involvement in addition to interview scores and student voting. All organizations can submit a candidate for king and/or queen by returning the form delivered to their campus mail box.

All candidates must enter by Friday, May 2.

The Homecoming committee is meeting this semester to plan the celebration. The theme will be decided tonight. Students and faculty are encouraged to submit ideas to sub@umr.edu. There will also be a campus-wide contest to design the 1997 Homecoming T-shirt. All drawings must be submitted to the SUB office by April 16.

Events planned for Homecoming 1997 include a BBQ on Monday. Games will be held each day at the puck. Possible entertainment might be a concert or comedian. On Friday, October 10, a student golf tournament will be held. The King and Queen will be crowned on Saturday at the football game. Planning meetings are held Wednesday nights at 9 p.m. in ME 216. All interested students are welcome.

## In this issue

### News



Get "Down & Dirty"

■ Page 2

### Features



Spring Break safety suggestions

■ Page 4

### Sports



Softball team splits conference double headers.

■ Page 8

Diversions ■ Page 10

Comics ■ Page 11



# Professorship established with help from class of '64 grad



News Services

Source

Keith Bailey of Tulsa, a 1964 graduate of the University of Missouri-Rolla and head of The Williams Companies Inc. of Tulsa, and his wife Pat Bailey have created an endowed professorship to strengthen the integrated manufacturing program at UMR. UMR Chancellor John T. Park announced the new professorship last Friday.

With state funds, the Keith and Pat Bailey Professorship in Mechanical and Aerospace Engineering and Engineering Mechanics is a \$1.1 million endowment for the creation and support of this new faculty position. The state of Missouri provides funds through the

Missouri Endowed Chair and Professorship Program.

The integrated manufacturing program at UMR is a cooperative effort between the departments of mechanical and aerospace engineering and engineering mechanics and engineering management. It is a new manufacturing engineering concept that merges the design, manufacturing and product support processes into one, seamless operation.

Bailey, who received his bachelor of science degree in mechanical engineering from UMR in 1964, is chairman, president and chief executive officer of The Williams Companies Inc., a \$12 billion corporation with energy and communications businesses.

"In today's highly competitive global environment, our engineering students need to learn this integrated ap-

proach to manufacturing," says Bailey. "By creating an endowed professorship in integrated manufacturing, I want to help strengthen UMR's manufacturing curriculum. With this professorship, UMR will be able to attract a recognized leader and expert in this field."

After serving 10 years with Continental Pipe Line of Ponca City, Oklahoma, Bailey joined Williams Pipe Line, a subsidiary of The Williams Companies Inc., in 1973 as assistant to the vice president of operations. He became president of Williams Pipe Line in 1979 and chairman in 1983, at which time he was also elected president of Williams Natural Gas Co.

In June 1986, he was promoted to executive vice president of finance and administration and chief financial officer of The Williams Companies Inc.,

and in May 1988 he was elected to The Williams Companies Inc.'s board of directors.

Bailey replaced another UMR graduate, Vernon T. Jones, as president of The Williams Companies Inc. on January 1, 1992. Two years later, he also became Williams' chief executive officer, and later that year he became chairman of the board.

In addition to his UMR degree, Bailey completed Harvard University's Program for Management Development in 1978, and in 1981 he received an honorary professional degree in mechanical engineering from UMR. In 1994, he received the honorary doctor of engineering degree from UMR.

Bailey has been active in the American Petroleum Institute, having served as chair of several committees and on the institute's board of directors. He is

also a member of the Interstate Natural Gas Association of America board of directors.

He is a member of the UMR Board of Trustees and the UMR Order of Golden Shillelagh, and currently serves as chairman of the University of Tulsa Board of Trustees. He also is a member of Oklahoma State University's Engineering Hall of Fame.

Pat Bailey is an active board member of the Tulsa chapter of YWCA and is chairing that organization's capital campaign.

The Baileys have four children: Kelly Eames, of Kansas City, Missouri; Craig Bailey, a 1990 UMR engineering management graduate; John Bailey, a graduate student at the University of Tulsa; and Katie Schilly, of Kansas City, Missouri. They also have four grandchildren.

## Sigma Pi raises money for MS



Keith Missey

Sigma Pi Source

Traditions are a very important part of the Greek system. For one fraternity in particular, a special tradition it still carries on is not only important to them, but to people with multiple sclerosis as well.

Sigma Pi Fraternity annually raises money for Students Against MS, a campaign which gives students the opportunity to raise money to fight multiple sclerosis. Ryan Elder, Special Projects Chairman for Sigma Pi, stated, "We do this every year. Some years we have raised as much as \$6000, but that was when we had 90-100 guys in the house. Our goal this year is \$3000."

The fraternity has already started raising the money through a coinage drive they held in St. Louis

on March 22. Elder commented, "We raised about \$1450. That's lower than it has been in past years, but we're hoping to make up for it at the MS Walk." The walk Elder refers to is the MS Walk, sponsored by Blue Key, which will be held April 20.

Prizes are given to the organization that raises the most for the MS Drive, and Sigma Pi has some ideas for those prizes if they win. "The \$500 for first place will go towards doing repairs on the house, and the 50 tickets for Six Flags would be a good rush event," Elder explained.

Multiple sclerosis is a neurological disease that attacks the central nervous system. It causes slurring of speech, impaired vision, loss of balance and muscle control and may even lead to paralysis. MS generally affects people between the ages of 20 to 40 and over 200 are diagnosed each week. In St. Louis alone over 4000 people live with the disease.

## Volleyball Club offers "Down and Dirty" tournament



Keith Missey

Volleyball Club Source

The 1997 first Annual "Down & Dirty" Mud Volleyball Tournament is to be held April 26. The tournament is sponsored by the UMR Volleyball Club and is open to all students interested in getting "a little dirty."

The tournament will be held at the Fraternity Row fields. It will be a four person team setup with at least one guy or girl on the court at all times. It will be a double elimination format with team prizes given to the top three teams. Cost per team is \$40.

Entries must be received by April 21 at 4:30 p.m. Entry forms can be found at the Gale Bullman Multi-Pur-

pose Center. For more information about the tournament, check out the volleyball club's home page at <http://www.umn.edu/~volley> or contact President Sarah Hummel, 364-7237 [shummel@umn.edu](mailto:shummel@umn.edu), Vice-President Keith Missey, 364-9783 [kmissey@umn.edu](mailto:kmissey@umn.edu), or Treasurer Gary

Association season strong, finishing in the top three in all of its tournaments so far this semester.

The men's team has traveled to Forest Park Community College in St. Louis twice this semester, finishing third both times. They also traveled to Alton, Illinois, where they brought home

a first place finish. Most recently, the men placed third in a tournament held at Washington University in St. Louis this past weekend.

The women's team placed third in their only tournament of the semester at Forest Park. The men will play SMSU in a dual meet on April 5 in Springfield for their last tournament of the semester.

Anyone interested in joining the volleyball club or learning when tournaments or practices are should visit the volleyball club's web site.



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 will 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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# FEATURES

## ROCKO'S REVIEWS: THE ENGLISH PATIENT



**Justin Sutherland**  
Reviewer-at-Large

A movie connoisseur, such as myself, revels in sampling new and different movies. Films ranging from the obscure to the Hollywood blockbuster, or the romantically deep to the testosterone-pumping shallow.

And, admittedly, being single I don't drag myself to see many romantic and love-strewn "chick-flicks." *The English Patient*, though, finally caught my eye when it won nine Oscars after nearly 20 weeks in theaters.

After winning all of these awards, I could snub the movie no longer. As an upstanding movie reviewer and connoisseur, it was time to see what all of the hub-bub was about.

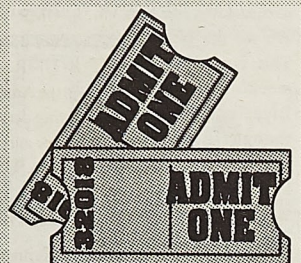
### The Take:

*The English Patient* is a tale of remembrance involving love and betrayal in the midst of war.

A European aristocrat (Ralph Fiennes) falls into an intense wartime affair with an elegant married

English woman (Kristin Scott Thomas).

But the tortuous choices made in the betrayal of love by the English woman and betrayal for love by the aristocrat only lead to painful ends as recounted in the flashbacks of a broken and degenerating man, a victim of his own passions.



### Rocko's Two Cents:

Poetry on the silver screen. In my mind, this is the best way to describe *The English Patient*. Mostly, this is due to the fact that the movie didn't have any overboard romanticism which makes many movie storylines of this type somewhat detestable to male audiences.

That's not to say that I'd go to see *The English Patient* with a bunch of "the guys." What I'm trying to say is

that a guy would most likely win some "brownie points" by taking his girlfriend or wife to see this film without becoming too wierded-out by the mush factor.

Overall, I'd have to say *The English Patient* definitely earned the honors it won from the Academy. Then again, who am I to argue? It's hard to believe, though, that the movie almost didn't make it through production due to financial problems, and now here it is with the most prestigious award in the film industry for best picture of the year.

**New Video Releases as of Tuesday, April 1**

*Sleepers*  
*The Spitfire Grill*  
*Sunchaser*  
*Circuit Breaker*  
*Treasure Island*  
*Anastasia*  
*Bad Moon*



## SUBCONSCIOUS



**Student Union Board**  
Source

For all of you not leaving right away for Spring Break, the movie for the weekend of April 4 and 5 will be *The Jerk*.

*The Jerk* stars Steve Martin in a hilarious film about rags to riches to rags to riches yet again. Off the wall comedy and abundant sight gags ensure that this will be a tremendously funny time. The film will be shown in ME-104 at 7 and roughly 9 p.m.

Tuesday, April 15, the Student Union Board's annual April Fools Day Comedy Series will begin. Each week a comedian will perform in UC-East Cafeteria. The comedian is free to all UMR students and the show will begin at 8 p.m.

Comedian Peter Berman starts out the series. Students may remember his

excellent performance here in Rolla two years ago.

April 22, juggler Bill Fry will entertain with what he calls "Comedy in the Air." He will also give a juggling workshop that afternoon at the Puck.

Finally, Vic Henley will close out the series April 29 with comedy styling reminiscent of Jeff Foxworthy. Not a surprise, as he helped Jeff write the book *Games Rednecks Play* while also authoring his own book, *Things You'd Never Expect a Southerner to Say*.

Saturday, April 19, the Student Union Board will host a golf tournament. The tourney will be open to UMR students. More information is forthcoming.

The Student Union Board will hold officer elections April 23 with applications due on April 18 and director elections April 30 with applications due on April 25. Those interested may pick up an application in 218 UC-West. A minimum of one semester on SUB is required.

## Film Fest features Dead Man



**Film Fest**  
Source

The UMR Film Fest at Castleman returns after Spring Break Tuesday, April 15. Johnny Depp will take the Leach Theatre screen in *Dead Man*, a film directed by Jim Jarmusch.

*Dead Man* will play at 7 p.m. The cost is \$3 for the public and free to all students and faculty with a valid UMR ID.

Set in the picturesque, lawless land of the Old West, *Dead Man* tells the powerful story of a mild-mannered man who journeys to the outer reaches of a native spirituality after becoming a notorious gunslinger. Neil Young wrote a movie score which is simultaneously rocking and brilliantly effective. This 1996

film is rated R and stars Lance Henriksen and Michael Wincott along with Depp.

Only a few events remain in the semester long series, as the Film Fest at Castleman wraps up May 6.

A brief synopsis of each of the remaining three Film Fest events follows.

April 22 - "An Evening With Allen Moore," a chance to meet and ask questions of Allen Moore and

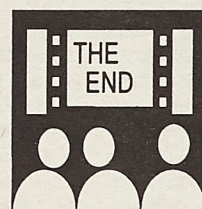
view several of his own productions and favorite shots.

April 29 - *Angels and Insects*, starring Kristin Scott Thomas of *The English Patient*.

This 1995 film is rated R.

May 6 - *Monterey Pop*, a 1967 film of The Monterey International Pop Festival with music by Otis Redding, Jimi Hendrix, The Who, Janis Joplin, Jefferson Airplane and others.

This film is rated PG.



## Jimbob's Concert Update

All shows are in St. Louis unless otherwise noted.

- |   |  |
|---|--|
| 4/3 Storyville @ Side Door                        | 4/14 Toasters @ The Galaxy   |
| 4/4 Alexakis @ Side Door                          | 4/15 Kiss @ Kiel Center  |
| Big Clara And The Magnatones @ Stagger Inn        | Widespread Panic @ The American  |
| 4/5 Vince Gill with Bryan White @ Kiel Center     | 4/16 Jackopierce @ Mississippi Nights                                    |
| Back Doors @ Mississippi Nights                   | 4/17 JGP @ Mississippi Nights  |
| 4/7 Straight Faced @ Hi-Pointe                    | 4/20 The Mighty Mighty BossTones and The Pietasters @ Mississippi Nights |
| Morris Day And The Time @ Mississippi Nights      | 4/21 Impotent Sea Snakes @ The Galaxy                                    |
| 4/9 Drivers @ Hi-Pointe                           | 4/22 Twisted Media, Exhaust and The Casualties @ Hi-Pointe               |
| Morphine @ Mississippi Nights                     | 4/24 Hyenas In The Desert and Jungle Brothers @ Galaxy                   |
| 4/10 Insane Clown Posse with Humble Gods @ Galaxy | 4/27 Pavement @ Mississippi Nights                                       |
| 4/11 Ded Bugs @ Kennedy's                         | 5/27 Gwar and Chemlab @ Mississippi Nights                               |
| Jimmie Gilmore @ Side Door                        |  |

4/13 11th Annual Groovefest in Norman, OK, sponsored by Amnesy International - the topic is Burma/Myanmar - a collection of local bands along with Jack Healey, emceed by Omar Khin and Barry Joe Stull, will play from noon until dark



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## TECHnicalities: Sun, sex and alcohol



Karen Kremer  
TECHS Source

Spring break is almost upon us and the UMR TECHS would like to remind you of a few things to remember while enjoying your spring break.

Many of us may enjoy the sun while on our spring break and among the things you need to be aware of is sun sense.

Everyone is at risk, including dark-skinned people, of sun-related problems, including skin cancer. But with a few simple precautions, you can enjoy the sun without fear. The worst

time to be basking in the sun is between 10 a.m. and 3 p.m. when the sun's rays are the strongest.

Use a sunscreen, waterproof when swimming, with an SPF of 15 or greater. Even on those cloudy spring days you can still get a sunburn. If you are going to be hitting the slopes, still wear sunscreen because of the sun's reflection off of the snow.

If your friend(s) or you get a sunburn, there are a few dos and don'ts of which you should be aware. Don't use ice or lotions to

soothe the burn. Use a cool, wet compress the first 48 hours to relieve the pain. Aloe is also very good for the pain during the first 48 hours. After the 48 hours has passed, you may begin using lotions. If your sunburn is accompanied by fever, fluid-filled blisters or dizziness, seek medical attention immediately.

Let's talk about sex! I think by now we all should know the safest sex is no



sex, but if you decide to be sexually active at any point in the future, here are a few points to remember: Abstain from sex while under the influence of drugs or alcohol for your judgments are inhibited.

Use a latex condom lubricated with Nonoxonyl-9 every time to prevent pregnancy and the chance of acquiring an sexually transmitted infection - remember that condoms are not 100% effective try to use another method at the same time, such as birth control pills or a diaphragm. Most important of all, talk with your partner before

having sex about their sexual history, sexual needs and expectations.

Finally, we have a few tips on responsible drinking. Always know what you are drinking. Many teas and punches contain a high amount of alcohol and possibly illegal drugs. Also, be aware of Rohypnol, the "date rape drug." Rohypnol is odorless, colorless and tasteless.

People can easily slip a pill into your drink and within a short time you will be unconscious and that person can do anything they want and you will not remember a thing. In order to avoid this happening to you, watch your drink carefully and do not accept a drink from anyone you

do not trust.

Do not drink and drive. Choose a designated driver before going out or call for a ride back to your home or motel room.

Do not drink on an empty stomach for you will become intoxicated faster. Be aware of how much you are drinking. Try to limit yourself to one drink per hour and avoid drinking games. Always party with a friend or friends and be responsible for one another - make

see TECHS, page 12

## Bizzie Daze, Volume 8

by Sean Cordes

This is the eighth chapter in the saga of Richard Bizzie. And...if you manage keeping up somewhat with his escapades, you know that Dick, once a rising corporate superstar, now finds himself unemployed and in jail, with much explaining yet to lay on the curious members of an FCC task force he hasn't had the luxury of meeting yet (luxury in the sense that the discussion may help to clear up this whole mess his life has become).

However, in fiction, just as in our own waking, life goes on, "Chief, boy

are we the blahs." This is our eighth week of Dick's Bizzieness, although if you've been truly keeping track, we've only known Dick for a day.

Funny that the world sometimes seems that way; it goes on for years and then bam, a lifetime in an instant, just like a friend you seem to have known all along but just recently met.

And as we left Dick in the steel walled jail cell, friendless, frothing Lavis at the mouth and feeling a bit sick by this time, one must grow to feel that if all this trauma has happened to him, with no real malice on his part, then perhaps fate must be in play. And if this is so, then perhaps soon it may sway in our disgruntled Dick's favor.

Thus...while Dick lay frothing at the mouth, and slightly nauseous, from his Lavis lunch, a hollow knock rose resolutely, filling the steel room with at least the hope that human kind had not forgotten him. The cell drew back, and

in its place, in the shallow light, Dick's singular half open eye took in the figure of a large and slightly hunched figure. In a deep voice that was gruff but not without empathy, the figure commanded, "get up and use the pot, smells like a kennel in here." And as if by example, the figure strode to the jail commode, flipped down a zipper, and aimed a steady stream at the anxiously awaiting stainless receptacle. The guard's request for proper hygiene was not in this case uncalled for, for like some warped bet from an Eddie



Murphy film, Dick, an upwardly mobile, unaddicted, white Presbyterian male was now, after only 16 hours in incarceration, wallowing in his own filth. No doubt that the contrast between his seldom im-

bibed but customary Crown Royal and the Lavis that became his recent tension breaking lunch, had something to do with it. Nonetheless Dick was at this point a mere fecal groveler, and his cell spoke this fact in no uncertain terms.

To be fair, it must be said that the full blame cannot be put upon the Lavis, Dick's circumstances, or even drunkenness for that matter. Simple fact was, Dick had never been in a jail cell, (Knock on wooden nickels); but he was now. And jail cells--because funds and space are limited--jail cells have their sanitary facilities typically arranged in a very unique manner. Namely, the drinking fountain, sink,

see Bizzie, page 12

## Kappa Delta Update: Campus Man, Gold Cards



Anika Stuckenschneider  
Kappa Delta Source

Kappa Delta's Annual Campus Man Competition was held Saturday, March 22 to benefit the National Committee to Prevent Child Abuse (NCPA) and the Phelps County Committee to Prevent Child Abuse. Kappa Delta has traditionally dedicated its philanthropic endeavors to the benefit of disadvantaged children.

Shamrock Project is a fund-raiser that Kappa Delta Collegians and alumnae throughout the country hold annually to benefit the NCPA. Thank you to those who participated in Epsilon Alpha's 1997 Shamrock Project and became an integral part of KD's fight for the prevention of child abuse. More than \$1000 was raised from ticket and shirt sales and from the Mr. Popularity Competition which was held on campus from March 17-21 as part of the Campus Man Competition.

Contestants for the event represented various organizations on campus and included Tim Albers (Beta Sigma Psi), Timothy Beckgr (Residence Hall Association), Mike Benage

(Sigma Chi), Benjamin Braker (Delta Tau Delta), Michael Carlson (Sigma Nu), Brian Gibson (Delta Omicron Lambda), Shawn Hart (Interfraternity Council), Ryan Heckman (Pi Kappa Alpha), Derek Hillstrom (Thomas Jefferson Hall Association), Josh Love (Sigma Pi), Brad Molander (Pi Kappa Phi), Eric Moore (Sigma Phi Epsilon), Carl Sather (Quadrangle Hall Association) and Ed Walch (Kappa Sigma).

The contestants competed in a Jeans and Jerseys Competition, Beachwear Competition, Formal Wear Competition and Finalist Interviews. Points were also given for the number of shirts and tickets sold and from money raised during the Mr. Popularity Competition where students could vote for their favorite candidates through donations.

This year's KD Campus Man was Brad Molander. The first runner-up was Mike Carlson, and second runner-up was Derek Hillstrom.

The winner of the Mr. Popularity Competition, by raising more than \$100 in change, was Brad Molander. A 50/50 Raffle was also drawn at the competition. Patrick Bryant and Brenda Donze both won \$275.50.

In other Kappa Delta news, after some setbacks with the printer, Kappa

Delta Gold Cards have arrived. The proceeds go to benefit the Children's Hospital in Richmond, Virginia.

The gold cards are being sold for a discounted price of \$3. If a gold card was ordered last semester, a two dollar refund is included with the gold card. We apologize for any inconvenience caused by the delay, but we hope the discounted price of the gold card will help compensate.

The gold card is good for continuous discounts at area businesses through November 30, 1997. The discounts you will receive with a Kappa Delta Gold Card include:

Pizza Inn - a large single topping pizza for \$6.99; Dunkin' Donuts - \$1 off a dozen donuts; Subway - free medium soft drink with any sub purchase; Family Cleaners, L.L.C. - 10% off, dry cleaning only; Forum Cleaners - 10% off; Kent's Jewelry - 10% off; MBE - 10% off; Key Sport - 20% off; Sally's Flowers and Gifts - 10% off; Sunny Wall Flowers - 10% off Cash and Carry; Ozark Embroidery - 15% off any garment in stock; Domino's Pizza - buy one pizza, get the next one free (carry out) or 25% off any pizza delivered.

If you are still in need of a gold card, ask any Kappa Delta or call KD at 341-3560.

## Writers' workshop, refreshments



Barbara Baird  
WAC Writing Assistant

It is getting to be that time of year again. Time to dust off the word processor and get out the handbook on how to cite specific references. It is paper time!

To facilitate (an institutional word) your paper writing ordeal, the writing center assistants have put together a workshop on how to write an effective paper. The workshop is Thursday, April 17, from 2 to 3:30 p.m. in room 104 of the H-SS building.

The workshop will focus on three areas of paper writing techniques by using 20 minute mini-workshop sessions.

The first mini-workshop will be on "Organization." Engineering students are aware of design and layout principles. There are ways to

design and efficiently plan your paper. These plans do not include using index cards! Knowing these ways can cut time and trouble off your list.

The second mini-workshop is called, "Editing and Revising: It Slices. It Dices. It Really, Really Works!" This is my "baby" and is of particular interest to me. We will go over techniques and helpful hints so your editing/revising moves along.

Finally, the most painful of all processes, endnoting and footnoting, will be presented in a mini-workshop about "Documentation."

Of particular interest will be the chance to enjoy refreshments on us! Please join us for an afternoon of paper writing techniques.

You may sign up for the workshop by calling the WAC office at 341-4436, or by contacting it through the e-mail address wac@umr.edu. We will look forward to seeing you.



# Life of a Student: Poverty, college and the ATM blues



John Johnson

Humor Columnist

I once read in the paper that there is a lot of poverty in the world. This article then went on to talk about "third world countries" and "war torn nations" and stuff.

I don't know much about all that, but if you want to see poverty, you should just visit your local college campus.

Now, everybody makes jokes about college students being poor. Comedians do it, sitcoms do it, the French do it, heck, even college students do it.

We all make our jokes, have a hardy laugh and go about our business. But what people continually fail to recognize is that college poverty effects the mind in some really scary ways.

Take me for instance. People always tell me, "You know John, I consider you to be the most average racially mixed humor columnist that I know." And that may very well be true.

On the outside. But on the inside, I'm not at all well. Let me explain.

Last weekend, I was driving home with a pizza (I could only afford one topping). As I was crossing an intersection, I nearly got blind-sided by an old lady in a mini-van. After she missed me by mere inches, the first thought through my head was not about my own safety or about how my life flashed before my eyes. No, my first thought was, "Man, I almost hit the jack pot back there!"

Let me point out some very important facts about that whole incident:

(1) I drive a small 1983 Toyota Tercel.

(4) I would gladly do it all over again in order to get some money.

This may strike you as rather shocking. But only if you are not in college. On the other hand, those of you who are in college right now are thinking, "Man, he almost hit the jack pot!" Yes, I drive around now just hoping that I'll get hit. But this isn't the saddest of stories.

Take for instance my best

friend from Miz-zou. Last year, in order to get gas money to drive to St. Louis and attend a birthday party, he had to sell blood. Yes, my friend was reduced to pimping his blood to get gas money. Man, that's just sad.

That's why I want to set up some sort of organization to help college students. I can get Sally Struthers to do a commercial that would be aired on cable networks after midnight. You day, you could bring hope to a college student. Please help end the suffering before young Johnny goes out and tries to get hit by a car."

She'd then start crying as the telephone lines would light up with rich people wanting to support young Johnny. It would be great! It's just too bad that I don't have the money to actually make the commercial.

I'm telling you, every time I go to the ATM machine, it's like playing some sort of deranged game show. I put the card in and start chanting "Big money, big money, no whammies... Yes! 10 bucks!"

It's actually kind of fun, except when I get a whammie with a cute girl

behind me. Man, there are so many better ways to impress a girl.

Unfortunately, sharing one cup of soda at a restaurant is not one of these ways. But that's what its come down to. Everything I buy, I end up using a weird "Value Meal" scale. I can't even pay the bill at a nice restaurant without thinking, "Hmm, \$25, I could have bought eight Value Meals for that!" I feel like leaving McDonald's coupons as a tip.

Believe me, it's not a pretty sight to see guys huddled over the Sunday paper fighting over coupons. But that's what college poverty has done to us. It's the only place in the world where you can find guys more interested in saving 50 cents on Lucky Charms than they are in the Sports section (well, not really, but I'm trying to make a point here).

So, for those of you not in college, be very careful the next time you laugh at joke about college poverty. Because this is a real problem. Just keep in mind, that for the price of a candy bar every day, you could keep young Johnny from forcing you to hit him at an intersection...if he can come up with the gas money first.



(2) That mini-van was about three times bigger than my car.

(3) The laws of physics would predict that my car would have been squished like a grape by the van.

That's why I want to set up some sort of organization to help college students. I can get Sally Struthers to do a commercial that would be aired on cable networks after midnight. You

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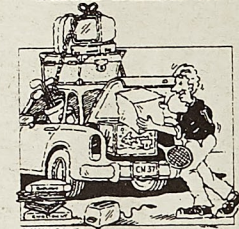
Theta Tau Omega would like to thank the following local merchants for their generosity in making Casino Night '97 a huge success. All proceeds from Casino Night 1997 will go to the Rolla Area United Way. Special thanks go to our great looking bunnies, our tough dealers, and to everyone who attended. Once again thanks go to all the businesses listed, without their help and charitable offerings, Casino Night could not have been the wonderful night it was. Hope to see you again next year.

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# SPORTS

## Lady Miners split MIAA doubleheaders



Joe McLain  
Staff Writer

This week the Lady Miner softball team will compete at the MIAA Inter-Division Round Robin I in Shawnee, Kan. This Fri., Apr. 4 - Sat., Apr. 5 they will battle against their opponents in the first of two round robins, the second of which will be held Fri., Apr. 18 - Sat., Apr. 19. The time is to be announced.

Next week on Tue., Apr. 8 the Lady Miners will also face Fontbonne in a doubleheader in St. Ann, Mo. at 3:00 p.m.

Last week the softball team played three doubleheaders all in Rolla and all conference games. The first of which was on Fri., Mar. 28 against Missouri Southern at 2:30 p.m. The

Lady Miners dropped the first game 6-1. They got on the board early, scoring the lead off runner, Becca Alt, on a fielder's choice hit by Amber Schrecengost. It was 1-0 until Missouri Southern tied it with a run in the fifth and then had a five-run sixth to secure the win.

The Lady Lions would not leave Rolla with a sweep, however. In the second game UMR had five runs in the fourth, and then Schrecengost added a homerun in the sixth. That proved just enough as the Lady Miners won 6-5. Angie Bax got the win pitching all seven innings.

At 1:00 p.m. the next day the Lady Miners went back to work again, this time against Pittsburg State. In the first game UMR only accumulated five hits against some stiff Lady Gorilla pitching that allowed no runs. Pittsburg State was able to shutout the Lady Miners 3-0. Erin Collins

received the loss.

Just like the first doubleheader though, the Lady Miners would not be swept at home. After being cold at the plate for the first four innings UMR scored five in the fifth. That was all they needed using their defense to finish with a 5-3 victory. Bax pitched the entire game picking up her second win in as many days. With this win UMR improved its record to 22-10 overall and 2-2 in the MIAA.

On Tue., Apr. 1 the Lady Miners had a doubleheader scheduled against Southwest Baptist. Results were not available.



Ryan Shawgo

Lady Miner catcher Jen Damron braces for a play at the plate. The UMR softball team split a pair of MIAA doubleheaders.

### Upcoming Schedule

Fri., Apr. 4-Sat., Apr. 5  
MIAA Inter-Division Round Robin I\*  
Shawnee, Kan. TBA

Tue., Apr. 8  
Fontbonne (DH), St. Ann, Mo. 3:00 p.m.

Thu., Apr. 10  
Columbia College (DH)  
Columbia, Mo. 3:00 p.m.

Fri., Apr. 11-Sat., Apr. 12  
Missouri Western Tournament  
St. Joseph, Mo. TBA



Wed., Apr. 16  
McKendree (DH),  
Rolla 3:00 p.m.

### Lady Miner Match-up

## MIAA Interdivision Round-Robin



Site: Shawnee, Ks.  
Date: April 4-5, 1997  
Time: TBA



1996-97 Record: 22-10

Players to watch: Becca Alt, Amber Schrecengost

Outlook: The Lady Miners are now 22-10 after splitting two MIAA weekend doubleheaders, and now travel to Shawnee, Kans. to try and strengthen their bid for an MIAA play-off berth.

Sources:UMR Sports Information

### M-Club Athlete



- Becca Alt

UMR Sports Information

This week's M-Club Athlete of the Week is Becca Alt. Becca has a .434 batting average and recently broke two MIAA conference records for stolen bases in a season with 43, and career stolen bases with 43.

of the week

## Track team competes



Joe McLain  
Staff Writer

This Thursday, Apr. 3 the UMR Miner track teams will travel to Jefferson City, Mo. for the Blue Tiger Invitational. Starting the very next day in Warrensburg, Mo. is the Vernon Kennedy Hep/Dec at 10 a.m. This event goes on Fri., Apr. 4 - Sat., Apr. 5.

The Miners' last meet was held on Fri., Mar. 28 at the Washington University Triangular in St. Louis, Mo. There were many excellent performances by the Miners at this meet. In the 200 and 400 meter dash for the men it was Chris

Wildschuetz. He tied for fifth in the 200 and placed fifth in the 400. Mike Weinkauff was able to win two events for the Miners. First, he beat the University of North Dakota's Jeremy Zimney by a tenth of a second in the 110 meter high hurdles. Then, he took the top spot in the 400 meter int hurdles. Other first place finishers for the men include Matt Hagen and Marc McManus. Hagen received first in the 3,000 meter steeplechase with a time of 9:58.30, the only time under ten minutes. McManus was victorious in the hammer throw at 138-1 and obtained second in the discuss throw with a throw of 128-10. Taking third in the high jump was Jamie Brueggeman, and finishing fourth in the long jump and

triple jump was Richard Words. Despite the top finishes and efforts of these and other team members UMR could only gain fourth in the invitational.

On the women's side there were many good performances as well. Tracy Jones came in second in the 800 meter dash and fourth in the 1,500 meter dash. Alicia Klusmeyer took third in the javelin throw with a 99-6 and fourth in the discus at 110-6.

In the 400 and 200 meter dashes it was Robin Paarlberg who finished third and fifth respectively for the Lady Miners. Also coming in fifth was Alison Hanson in the 400 meter dash. The UMR women's track team accumulated 20 points and finished fifth at the meet.



# Gorillas sweep Miners in MIAA series



Jim DuValeus

Staff Writer

This past Friday and Saturday the UMR men's baseball team took on Pittsburgh State University for a three game series in Pittsburgh, Ks.

The first of the three games was marked by UMR's shortstop Scott Hopper going five for five with a homerun, a double and four runs scored. UMR had little cause for celebration, however, as the Pittsburgh state team had 23 hits for the game, including four doubles, two triples and seven homeruns.

All told, the Pittsburgh state team scored 24 runs in the eight inning game, making the final 24-6.

In the second game UMR jumped to an early lead when in the second inning, thanks to a couple of walks and hit batsmen, the team scored five runs, highlighted by a Patrick Sisco double, bringing the score to 5-1. Pittsburgh State eventually tied the game in the bottom of the sixth on consecutive walks and a base hit off of starting pitcher Kevin

Hill. Pittsburgh State went on to hold UMR scoreless in the next two innings, and scored a run in the bottom of the eighth on a two-out double, at which time the game ended giving them the 7-6 victory.

Game three of the series went Pittsburgh State's way as well. Pittsburgh State scored four runs in the first two innings of the game, on five hits giving them the early lead. Meanwhile, UMR couldn't get any offense of their own going. They were held scoreless until the top of the sixth when a Keith Eisenbath RBI single ended the shutout, but that would be UMR's only run of the game. Pittsburgh State went on to plate three more runs in the final two innings of the game, making the final 6-1.

Before that three game series, on Wednesday March 26, the Miners played a double header at home versus Washburn University.

The first of the two games turned out to be very close. Washburn had scored a run in the top of the first on a leadoff homerun, and the Miners retaliated with runs of their own in the bottom of the first and second innings on RBI singles by Hill and right fielder Andy Dial. Washburn would score another run

in the top of the fifth inning, bringing the score to 2-2. Then, in the bottom of the seventh, with the bases loaded Eisenbath knocked in the game winning run on a RBI single, making the final score 2-1. The star of the game for the Miners was starting pitcher Randy Root who pitched all seven innings for UMR, allowing only four hits and one earned run.

The second game of the double header saw Washburn jump out to an early lead. They scored seven runs in the first three innings off of starting pitcher Jason Cerrano and relievers Rob Tiemann and Tom Winkelman. The Miner offense was doing their part to try and keep up; they scored five runs on eight hits in the first three innings, keeping them to

within two. The Miners scored again in the top of the fifth on an RBI single by second baseman Ted Ingalls making it a one-run ball game, but Washburn scored again in the top of the sixth and the Miners went down one-two-three in the seventh, giving Washburn the 8-6 win. The Miners record now stands at 7-9-2 overall, and 4-7 in the MIAA conference.



Justin Ferguson

**Matt Bryant swings at a pitch in the dirt. The Miners will play Central Missouri State today in MIAA action.**

## Golf team opens spring season play



Gina Godat

Staff Writer

Next week the Miner Golf team will compete in two matches. On Tuesday and Wednesday, April 1 and 2, the Miners will travel to St. Louis to play in the Spring Collegiate Invitational, hosted by Missouri Baptist. On Friday and Saturday April 4 and 5, the Miners will travel to Warrensburg, Mo. to compete in the Heart of America Tournament hosted by Central Missouri State U.

The University of Missouri-Rolla Miner golf team is back in full swing. The Miners have a new head coach this season, Ray Leucllyn. This is his first season ever at the head coach position. He is an assistant manager and golf professional at the UMR Golf Course. The Miners first match of the season was the 1997 Riverman Invitational hosted by the University of Missouri-St. Louis at the Missouri Bluffs Golf Club located in St. Charles, Mo. The Miners were without their number one player and finished 15th. There were 16 teams in the competition. The final tabulations showed UMR with a total

of 325 strokes on the first day of the tournament. This score had the Miners tied for 13th place with Southwest Baptist. The first round scores put St. Louis University in first with 289 and Missouri Western in second with 290. The Miners were led by Andy Laegler with a 75 in first round play.

The Miners dropped to 15th place after the second day of the tournament. The Miners as a team shot 333. Missouri Western shot a 296 to overcome the St. Louis University team, which shot an 81. The two days together gave the Miners a score 658, while the leader had a final score of 586.

"We were without our number one player because he had a test to take. This had a big influence on our score," Leucllyn said.

The Miners who competed in this match were Laegler, a freshman from Decatur, Ill.; Robinson a freshman from Rolla, Mo.; Bill Keuss, a junior from Glen Carbon, Ill.; Jeff Doubrava, a freshman from Taylorville, Ill.; and Charles Smith a freshman from Marshall, Mo. Laegler finished 45th with a two-day total of 157. Robinson finished 58th with 162 strokes. Keuss finished behind Keuss, with a score of 170. Smith had 188 strokes to give him 79th place.

## Miner Match-up

### UMR Miners at CMSU

Site: Warrensburg, Mo.

Date: April 2, 1997

Time: 7 p.m. CST

1996 Record: 7-9-2, 4-7 in MIAA



**Players to watch:** Mike Williams C-P, Kevin Hill 3B-P, Scott Hopper SS-P

**Outlook:** The Miners look to improve their MIAA conference record after a rough weekend at Pittsburg State.

Sources: UMR Information

## Upcoming Tennis and Track Schedules

### Tennis

**Fri., Apr. 4-Sat., Apr. 5**  
Emporia Invitational  
Emporia, Kan. TBA  
**Sun., Apr. 6**  
Emporia State\*  
Emporia, Kan., TBA  
**Mon., Apr. 7**  
Washburn\*  
Topeka, Kan., TBA  
**Tue., Apr. 8**  
Drury\*\*  
Rolla, 3:00 p.m.

**Wed., Apr. 9**  
Missouri-St. Louis  
St. Louis, Mo., 3:30 p.m.  
**Thu., Apr. 10**  
Principia  
Elsah, Ill., 4:00 p.m.  
**Fri., Apr. 11**  
Maryville  
St. Louis, Mo., 3:30 p.m.  
**Sat., Apr. 12**  
Northwest Missouri State\*  
Rolla, TBA

### Track

**Thu., Apr. 3**  
Blue Tiger Invitational  
Jefferson City, Mo. TBA  
**Fri., Apr. 4-Sat., Apr. 5**  
Vernon Kennedy Hep/Dec  
Warrensburg, Mo., 10 a.m.  
**Sat., Apr. 12**  
Arkansas State Invitational  
Jonesboro, Ark., TBA  
**Fri., Apr. 18**  
Mule Relays  
Warrensburg, Mo., TBA



# Miner Scores & Stats

## Softball

### March 23 at Columbia, Mo.

Lady Miners 036 0-9 11 3

Mary (N.D.) 200 0-2 4 2

WP: Angie Bax (10-4)

William Woods 000 321 02--8 12 1

Lady Miners 100 005 01--7 12 0

LP: Team (go-ahead run scored by tie-breaker runner)

### March 28 at Rolla

Missouri Southern 000 015 0--6 7 1

Lady Miners 100 000 0--1 8 3

LP: Erin Collins (10-3)

Lady Miners 000 510 0--6 5 3

Missouri Southern 001 103 0--5 12 2

WP: Angie Bax (11-4) HR: Amber Schrecengost (2, solo)

PLAYER	AVG	H-AB	HR	RBI	SB-SBA
Becca Alt	.454	44-97	0	9	43-44
Angie Bax	.420	34-81	0	16	0-3
Jaime Ostmann	.386	32-83	2	19	0-2
Shawna Morris	.354	17-48	0	7	1-2
Tory Atwood	.323	10-31	0	5	4-5
Erin Collins	.308	12-39	0	12	2-2
Gina Daugherty	.304	14-46	0	3	1-1
Amber Schrecengost	.294	25-85	1	27	3-4
Jen Damron	.290	9-31	0	4	1-1
Andrea Sager	.273	3-11	0	2	0-0
Brandy Broeckling	.262	21-80	0	12	12-15
Kerri Bokath	.241	14-58	0	6	3-4
Candice Luehrs	.216	8-37	0	2	0-1
Melissa Rohrer	.133	2-15	0	0	0-0
<b>LADY MINERS</b>	<b>.330</b>	<b>245-742</b>	<b>3</b>	<b>124</b>	<b>70-84</b>
<b>OPPONENTS</b>	<b>.260</b>	<b>179-689</b>	<b>1</b>	<b>63</b>	<b>36-46</b>

PITCHER	W-L-S	ERA	IP	ER	K
Erin Collins	10-3-0	1.92	54.7	23	46
Angie Bax	10-4-0	2.77	68.0	34	50
Andrea Sager	0-1-0	6.10	10.3	9	5
<b>MINERS</b>	<b>20-8-0</b>	<b>2.57</b>	<b>180.0</b>	<b>66</b>	<b>101</b>
<b>OPPONENTS</b>	<b>8-20-0</b>	<b>4.90</b>	<b>177.0</b>	<b>124</b>	<b>62</b>

## Golf

### Riverman Invitational March 23-24 at St. Louis, Mo.

45. Andy Laegler, 157

58. Steve Robinson 162

69. Bill Kuess, 169

70. Jeff Doubavra, 170

79. Charles Smith, 188.

### Upcoming Schedule

**Apr. 1-2**  
Spring Collegiate Invitational  
(at Missouri Baptist) St. Louis

**Apr. 4-5**  
Heart of America Tournament\*  
(at Central Missouri State)  
Warrensburg, Mo.

**Apr. 10-11**  
Missouri Western Invitational\*  
(at Missouri Western)  
St. Joseph, Mo.

**Apr. 21-22**  
Lincoln Invitational\*  
(at Lincoln) Jefferson City, Mo.

**Apr. 25-26**  
UMR Best Ball Tournament  
(at Oak Meadow CC)  
Rolla

**Apr. 28-29**  
MIAA Championships  
(at Tan-Tar-A)  
Osage Beach, Mo.

## Baseball

### March 23 at Rolla

Missouri Southern 200 006 001 05--14 16 3

Miners 400 001 310 00--9 14 3

LP: Scott Hopper (1-1) HR: Matt Bryant (3, solo),

Dwight Ipock (1, solo)

### March 26 at Rolla

Washburn 100 010 0-2 4 2

Miners 110 000 1--3 10 1

WP: Randy Root (1-0)

Washburn 124 001 0--8 13 1

Miners 203 010 0--6 12 2

LP: Jason Cerrano (0-2)

### March 28 at Pittsburg, Kan.

Miners 005 001 000--6 14 2

Pittsburg State 050 357 31x--24 25 0

LP: Tim Rhodes (2-2) HR: Scott Hopper (2, solo)

## This Week's Schedule

**Date:** Wed., Apr. 2 **Team:** Central Missouri State (2-7)\*  
**Site:** Warrensburg, Mo. **Time:** 2:00 p.m.

**Date:** Fri., Apr. 4 **Team:** Southwest Baptist (1-9)\*  
**Site:** Rolla **Time:** 2:00 p.m.

**Date:** Sat., Apr. 5 **Team:** Southwest Baptist (1-9, 1-7)\*  
**Site:** Rolla **Time:** 12:00 p.m.

**Date:** Sun., Apr. 6 **Team:** Harris-Stowe (2-7)  
**Site:** Rolla **Time:** 1:00 p.m.

**Date:** Tue., Apr. 8 **Team:** Missouri Western (2-7)\*  
**Site:** St. Joseph, Mo. **Time:** 1:00 p.m.  
*MIAA games are asterisked*





# DIVERSIONS

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23 Jane Fonda thriller  
26 Remove an ascot  
27 Actress — Bonham Carter  
28 Diocese  
29 JFK abbr.  
30 Cartoonist  
31 The edge of night?  
33 Dion's "Run-around" girl  
34 Waist band  
35 Road curve  
38 Lillian Hellman play  
45 Pharmacy bottle  
47 Singer Knight  
48 Compassion  
49 Fishing gear  
51 Head Hun  
54 Conquistador's quest  
55 Duplicate

## DOWN

56 Flintstones' pet  
57 NBC soap opera  
61 Night spot?  
62 Blunder  
63 Like Chicago  
64 — vous plait  
65 Slipped by, as time  
67 Former senator  
68 "Nightmare" street of film  
69 An Astaire  
70 Celebration  
73 Actress  
74 Right-fielder  
75 Egg — yong  
78 Tatum of "Paper Moon"  
79 Chopin piece  
82 Supposedly  
83 Bit of gossip  
85 Somewhat dark  
86 Give — (cause)  
87 M.A. or M.D.  
88 John of "Fort Apache"  
89 Swank shops  
92 Sharp  
93 F. Scott Fitzgerald novel

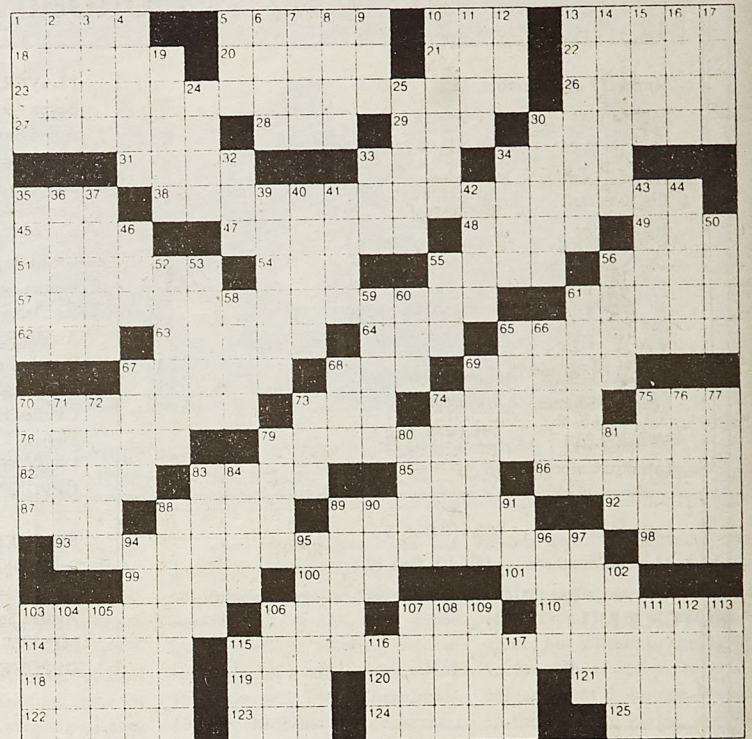
## DOWN

98 Three, in Turin  
99 Qlys.  
100 Lindstrom or Zadora  
101 Semester  
103 "The Merchant of Venice"  
106 Cow or sow  
107 Spree  
110 Lots of bread  
114 Studio sign  
115 Jay & the Americans hit  
118 Insect stage  
119 Years on end  
120 "Gay"  
121 Famed caravel  
122 Prepare to be knighted  
123 Wally of "Mr. Peepers"  
124 Fit for a king  
125 Thames town

10 Peter Rabbit's creator  
11 Length x width  
12 German article  
13 Sodden  
14 Cisco's chum  
15 Director  
16 Fence part  
17 "A — Grows in Brooklyn"  
19 Hole grain food?  
24 Hasty  
25 Clan clashes  
30 Spiteful  
32 Beer barrel  
33 Stallone's nickname  
34 Small cut  
35 Dodge  
36 Lutetia  
37 Goatish gambler  
39 Overcast  
40 Reasoner or Chapin  
41 Baal, e.g.  
42 Homer's field?  
43 Textbook headings  
44 "Walk Away —" ('66 tune)  
46 Fleur-de —

50 Spilled the beans  
52 Poet Amy  
53 Blazing  
55 Animation frame  
56 Airhead  
58 Formerly  
59 Riyadh's religion  
60 Get-up-and-go  
61 Nyasaland, now  
65 Correct a text  
66 Voter's tool  
67 Chanteuse  
68 Vane letters  
69 Reunion attendees  
70 "The Grapes of Wrath" surname  
71 Not solidified  
72 Stocking shade  
73 Resistance unit  
74 Burger veggie  
75 Armada  
76 Furry fisherman  
77 It's up in the air  
79 Actress Garr  
80 Eric of Monty Python

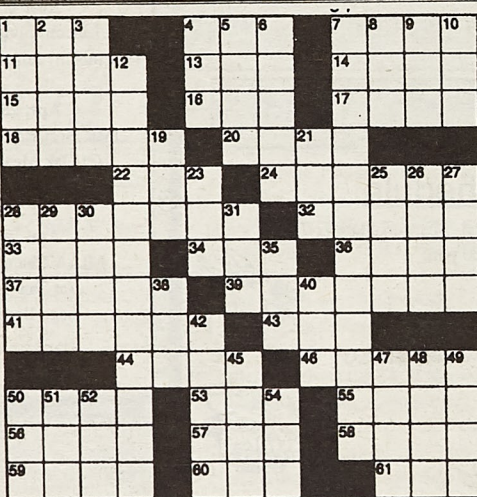
81 Question  
83 "— Kick Out of You"  
84 Gobs  
88 Nelson or Nimitz  
89 Pippens  
90 Palindromic cry  
91 Bilko's rank: abbr.  
94 Born here  
95 Enigmatic sort  
96 Tiller  
97 March along  
102 Mrs. Eisenhower  
103 Tyler's successor  
104 — impulse (suddenly)  
105 Unusual  
106 "Scat!"  
107 Miss Marple  
108 Like kids at Christmas  
109 Mexican monster  
111 Jacket feature  
112 Word form for "within"  
113 Mikita of hockey  
115 Gumshoe, in slang  
116 Mal de — (seasickness)  
117 "Silent" president



## KING CROSSWORD

## ACROSS

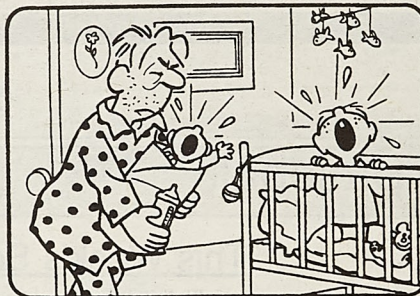
1 Treasure seeker's aid  
4 Predicament  
7 Former Senate Majority Leader  
11 "Metamorphoses"  
13 — pro nobis  
14 Eye part  
15 Unaccompanied  
16 Marsh  
17 Catch some Z's  
18 Tammany Hall Boss  
20 Lose rigidity  
22 Hero  
24 Regis, to Kathie Lee  
28 Olympic athlete, typically  
32 Beat  
33 Slam-dance  
34 Vast amount  
36 Wastes no time  
37 Prefix for act or breed  
39 Irregular stain  
41 Nancy Kerrigan, e.g.  
43 Heavy weight  
44 Fiddler's place  
46 Bottom of the barrel  
50 Sci-fi knights



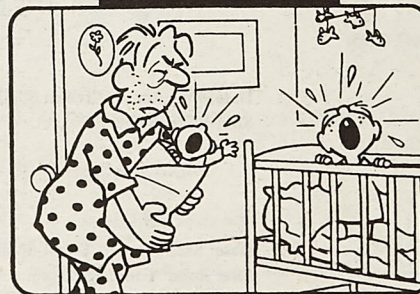
53 Diastema  
55 Wedding shower?  
56 A Baldwin brother  
57 Mound stat.  
58 Bridge  
59 Place for  
60 Squabble  
61 Conclusion  
DOWN  
1 Over 50 percent  
2 Acknowledge  
3 Nuclear reactor  
4 Exemplar of patience  
5 Lined up  
6 Penn & Teller's forte

7 Acted as host  
8 Acapulco gold  
9 Claiborne of fashion  
10 112.5 degrees, on a compass  
12 Works  
19 About to arrive  
21 Fortune  
23 Urban transport  
25 Skip over  
26 Some homes are built on it  
27 Reggae musician  
28 Author

Kingsley  
29 Friar  
30 Hammett dog  
31 — judicata  
35 Likely  
38 —  
Speedwagon  
40 Despondent  
42 OK  
45 Gambling game  
47 Mature  
48 Read bar codes  
49 Take care of  
50 Jostle  
51 Inventor Whitney  
52 Lair  
54 Handle clumsily



## HOCUS-FOCUS



FIND AT LEAST 6 DIFFERENCES BETWEEN PANELS.

**challenger** THE INTERNATIONAL CROSSNUMBER GAME

DIRECTIONS  
Fill each square with a number, one through nine.  
• Horizontal squares should add to totals on right.  
• Vertical squares should add to totals on bottom.  
• Diagonal squares through center should add to total in upper and lower right.

Today's Challenge  
Time 13 Minutes  
6 Seconds  
Your Working  
Time Minutes  
Seconds

	2			9
		5		10
4				26
			6	29
16	23	23	12	21

## MAGIC MAZE

### MONSTERS & CREATURES

TRPMJHECZXEUSTO  
NLJGENCZXIVTERP  
NLJHOECASUGRAYC  
WV TYRSGSPSANLKE  
IFRANKENSTEINLN  
GEECBNZEOPRRYXT  
GWUSRPOIHKOOGMA  
LALLIZDOGSGLLOU  
JMEDUSAIGRNNCLR  
RUATONIMAEDAIYS  
BAYXWNOGARDUBKC

Find the listed words in the diagram. They run in all directions—forward, backward, up, down and diagonally.

Argus	Dragon	Godzilla	Ogress
Banshees	Frankenstein	King Kong	Teratoids
Centaur	Gargoyle	Medusa	Trolls
Cyclops	Geryon	Minotaur	

Drawings by Henry Boltinoff

copyright 1997 King Features Syndicate  
see Solutions, page 12





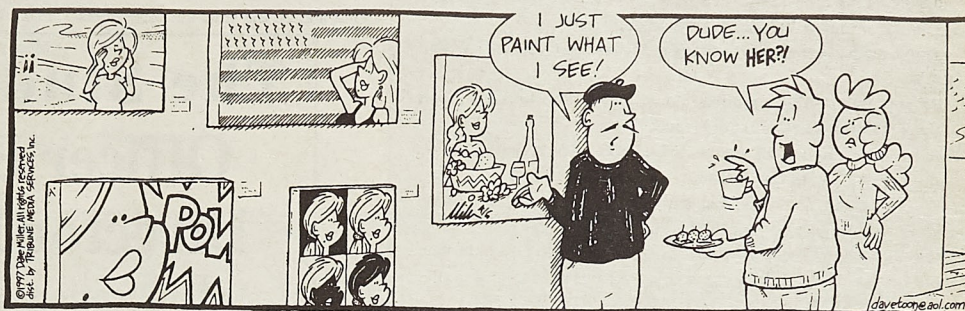
# THAT'S JAKE

by Jake Vest



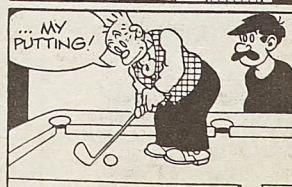
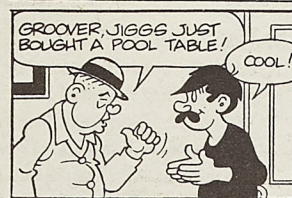
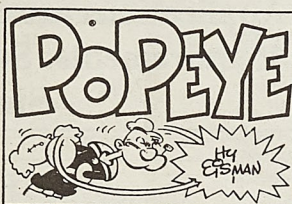
# DAVE

by David Miller



# BUTCH AND DOUGIE

by ALEX HOWELL





from page 1

Student organizations who wish to attend the Excel banquet are urged to make reservations immediately by contacting Brenda Zoellner in the Excel office, G-7A H-SS. Students who want an application for the Excel Workshop

Another Excel program, the student-run Excel Workshop, is also planning to finish the year by searching for new facilitators. Applications are currently being accepted for new facilitators through April 4.

1. Who was the first woman in space to circle the globe 48 times?  
- Soviet Cosmonaut Valentina Tereshkova
2. Who was the first woman chief of the Cherokee Nation? - Wilma Mankiller
3. What U.S. judge became the first woman state Supreme Court Justice? - Lorna Elizabeth Lockwood
4. Who was the first black woman to be honored on a United States postage stamp? - Harriet Tubman
5. Who was the first U.S. Bio-engineer to analyze the human nervous system with computers? - Thelma Estrin

Bonus Question: Who was the Indian mathematical genius who solved the following problem in less than 20 seconds:

(25,842,278 + 111,201,721 + 370,247,830 + 55,511,315) \* 9,878 + 5,559,369,456,432 ?

Shakuntala Devi

**from page 4**

If someone passes out, do not leave him or her alone. If he or she starts vomiting, stay there to make sure they do not choke. Lay him or her on his or her side and make sure there are no pillows or blankets around him or her. If you are unable to rouse the person, call 911 as he or she may be suffering from alcohol poisoning.

UMR TECHS is still accepting applications. Pick yours up today at Student Health or 106 Norwood or print it off the web at <http://www.umn.edu/~umrtechs!>

from page 10

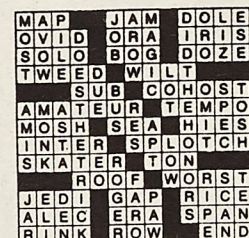
## King Crossword

1. Frame is different.
2. Sleeve is shorter.
3. Bottle is missing.
4. Rattle is missing.
5. Fish is missing.
6. Teddy bear is missing.

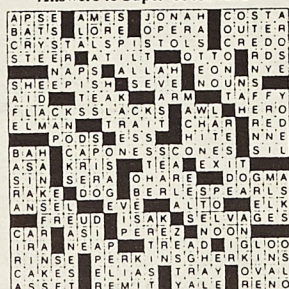
solution.					25
9	7	7	7	30	
2	2	9	1	14	
1	1	5	7	14	
8	5	9	8	30	
20	15	30	23	24	

A complex word search puzzle grid. The grid contains several words highlighted in different colors and orientations:

- Vertical words (left side):** N, G, E, G.
- Horizontal words (top):** SUGRA, SA.
- Diagonal words (top-left to bottom-right):** SG, FRANKENSTEIN, BOOPRY, IHKOOG.
- Horizontal words (middle):** ALLIZDOGSGLLOU, MEDUSA, RNNCLF.
- Horizontal words (bottom):** RUATONIMA, AIYS, NOGARD, BXC.



## Answers to Super Crossword



**from page 4**

Dick had never seen drinking fountain that was a sink, let alone one that was a urinal, and that was also a toilet. No one had told him about such things. They were not talked about by his parents, not talked about at school, not talked of even in books that he had seen on the penal system.

Zippering up her fly and backing away from the urinal she said, "You're gonna be in her for a few days, those boys are gonna grill you like a Ball Park wiener. But they won't find nothing but wool; I searched you out, I know your stuff," she grunted. "Without the green you're fleeced, but there are greener pastures." She threw a half grin and went on, "Piss in the toilet, drink from the sink; put your hand over the spout, make your own little fountain. You'll

"Good, my name is Moe," she grinned from a bearded mug. "I work here, I'm bailing you out, and I need your help."

**Applications are available in 218 UC West**  
**Applications are due the Friday before the election**  
**Requirements: Served at least one semester on the**  
**Student Union Board**

<http://www.umar.edu/~cchtml/>

CLC: M/CS 104/108

Saturday: 8:00am - Midnight

**HELPDESK:** <http://www.umar.edu/helpdesk/>

M/CS 104 #341-HELP(4357), ME 119 #341-6039

E-mail problems to: [helpdesk@umr.edu](mailto:helpdesk@umr.edu)

**I KNOW HIS NAME, BUT WHAT IS HIS E-MAIL ADDRESS???**

Without a registered e-mail address, the world may never know. Right now, 30% of all students and 27% of UMR faculty and Staff don't have an e-mail address registered.

*Reasons why you want your e-mail address registered:*

- If you don't register you won't be listed in UMR's on-line directory.
- **FACULTY AND STAFF:** The UM Accounting Office requires registered e-mail addresses for travel reimbursement notifications.
- Class and Departmental lists, created by the tools on <http://www.umar.edu/~webtools/tools/>, are used for internal campus communications. You will be left out of the lists if you do not have a registered e-mail address.
- If you have a cc:mail account, the on-line directory is the only way other people can find out your internet e-mail address.

### How to Register:

If you chose not to register when you initially created your unix account, or you would like to change your registered address, then you can do either of the following:

- \* Click on the **Helpdesk** link from UMR's homepage and choose **Computing and Information Toolkits**. Then click on **E-mail Tools**. You will then be prompted to type in your AFS userid and password. Last of all click on **Register Your E-mail Address** and follow the directions on that page. You can still cancel registration at this point if you decide not to change your registration status.

OR

- \* Send a blank e-mail message to "register@umr.edu."

For more information about registering e-mail addresses, you can contact Helpdesk or look on the WWW see <http://www.umn.edu/infoservices/about-emaildir.html>



# CO-OP EMPLOYMENT

Company: Arco Chemical Company  
 Sign-up Method: PRS-OPEN  
 Majors: CHE CHEM  
 Minimum GPA: 2.000  
 Sign-up released 3/25/97  
 Deadline 4/7/97  
 WORK LOCATION: PHILADELPHIA, PENNSYLVANIA  
 COMPANY NOT INTERVIEWING ON CAMPUS. IF INTERESTED IN EMPLOYMENT WITH ARCO IN PA, PLEASE SUBMIT YOUR NAME ON COMPUTER BY 4/7 AND I WILL SUBMIT YOUR RESEME TO ARCO FOR CONSIDERATION.

Company: Lockheed Martin  
 Sign-up Method: PRS-OPEN  
 Majors: ELEC CMPS AMTH  
 Minimum GPA: 2.000  
 Sign-up released 3/25/97  
 DEADLINE 4/7/97  
 WORK LOCATION: PHILADELPHIA, PENNSYLVANIA  
 COMPANY NOT INTERVIEWING ON-CAMPUS. IF INTERESTED IN LOCKHEED MARTIN, SUBMIT YOUR NAME ON COMPUTER BY 4/7 AND I WILL SUBMIT YOUR RESUME TO LOCKHEED FOR CONSIDERATION OF CO-OP EMPLOYMENT

Company: General Motors Truck Group  
 Sign-up Method: PRS-OPEN  
 Majors: MECH CHE  
 Minimum GPA: 2.950 Must be Sophomore Junior Senior standing.  
 Sign-up released 3/26/97  
 DEADLINE 4/4/97  
 WORK LOCATION: FT. WAYNE, INDIANA  
 START 1ST CO-OP WORK SESSION PREFERABLY FALL 1997, BUT MAY CONSIDER EARLIER  
 MAY INTERVIEW ON CAMPUS IF THEY GET ENOUGH INTEREST. I WILL LET YOU KNOW  
 LATER

# SUMMER EMPLOYMENT

CECO BUILDING SYSTEMS  
 PO Box 72 Hwy 34 & Iris Rd  
 Mt. Pleasant, IA 52641  
 Mr. Mathew W. Brown, Human Resources Manager  
 Majors: CIVL  
 Minimum GPA: 2.000 Must be at least Junior standing.  
 Position Available: Summer Intern  
 Classes should be completed in Strength of Materials, Statics, Dynamics, Steel Design, Structures  
 Position Location: Mtn. Pleasant, Iowa  
 Deadline for submitting resumes: April 4  
 NO CAMPUS INTERVIEW

MEMC ELECTRONIC MATERIALS  
 501 Pearl Drive  
 St. Peters, MO 63376  
 Ms. Karla Noel, Process Engineer  
 Majors: EMAN  
 Minimum GPA: 2.950 Must be at least Junior standing.  
 Position Available: Summer Intern  
 Position Location: St. Peters, MO  
 Deadline for submitting resumes: April 4  
 NO CAMPUS INTERVIEW

MARTIN MARIETTA AGGREGATES  
 PO Box 5904  
 Topeka, KS 66605  
 Mr. Bill Gahan  
 Majors: MIN  
 Minimum GPA: 2.000 Must be at least Sophomore standing.  
 Position Available: Summer Intern  
 Position Location: Kansas City or Topeka, KS  
 OPEN SIGN-UP DATE: Immediately  
 Mining with Quarry emphasis

OPENCON SYSTEMS INC.  
 377 Hoes Lane  
 Piscataway, NJ 08854  
 Ms. Laura Iarkowski, Recruiting Manager  
 Majors: ELEC CMPS  
 Minimum GPA: 2.000 Must be at least Junior standing.  
 Position Available: Summer Intern  
 Position Location: Piscataway, NJ  
 Deadline for submitting resumes: April 7  
 NO CAMPUS INTERVIEW

# FULL-TIME EMPLOYMENT

ENGINEERING SOLUTIONS  
 1 West State St. Suite  
 Geneva, WI 60134  
 Attn: Ms. Lorraine Dunlap, Manager  
 Degree Level: B Minimum GPA: 2.750  
 Majors: CIVL GEE GEOL  
 Grad Dates: 0597 0797  
 Position Available: Environmental Engineer  
 Position Location: Geneva, IL (35 miles west of Chicago)  
 OPEN SIGN-UP DATE: April 16 - 8:00 a.m.

NCC  
 Interview Date: 05/09  
 Degree Level: B Minimum GPA: 2.450  
 Majors: EMAN MECH  
 Grad Dates: 1296 0597 0797  
 Position Available: Industrial Manufacturing/Design Engineer  
 Position Location: St. Charles, MO  
 Deadline for submitting resumes: April 17

MARTIN MARIETTA AGGREGATES  
 1330 SW 42nd Street  
 Topeka, KS 66609  
 Attn: Mr. Bill Gahan, Vice President  
 Degree Level: B Minimum GPA: 2.000  
 Majors: MIN  
 Grad Dates: 1296 0597 0797  
 Position Available: Sales Rep  
 Position Location: Wichita, KS  
 OPEN SIGN-UP DATE: Immediately  
 Mining with Quarry emphasis.

U.S. DEPT OF DEFENSE-NAVY  
 1222 Spruce St., 10th  
 St. Louis, MO 63103-2814  
 Attn: CW04 Les Lentz, Officer Programs Recruiter  
 Degree Level: B M Minimum GPA: 2.950  
 Majors: CHE CIVL ELEC MECH NUCL CHEM AMTH PHYS CMPS  
 Grad Dates: 1296 0597 0797 1297  
 OPEN SIGN-UP DATE: April 22 - 8:00 a.m.



# WHAT'S UP AT UMR

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

## Wednesday

**12:30 pm:** Civil Engineering Environmental Engineering Program Seminar series, by Jack Burst, 203 CE

**1:30 pm:** Psychology Colloquium, "Implicit Learning: When You Don't Know What You Know," by Michael Stadler, 201 HSS

**4:00 pm:** Volleyball Club, Women's practice, Rec Center

**4:30 pm:** Student Council, Walnut Rm, UCW

**5:30 pm:** Sigma Gamma Epsilon, 206 McNutt

**6:30 pm:** Blue Key, 216 ME

**6:00 pm:** Eta Kappa Nu, 104 EE

**6:00 pm:** Spelunkers Club, 204 McNutt

**6:00 pm:** Chess Club, Gallery, UCE

**7:00 pm:** College Democrats, 216 McNutt

**7:00 pm:** Amateur Radio Club, 110 Buehler

**7:30 pm:** Kappa Kappa Psi, 125 Schrenk

**7:30 pm:** Tau Beta Sigma, 126 Schrenk

**7:30 pm:** Bahai Club, Meramec Rm, UCE

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

## Thursday

**3:30 pm:** Computer Science Colloquium, "Multimedia Data Management: Issues and Research Direction," by Venkat Gudivada, 209 MCS

**4:00 pm:** Student Council, Walnut Rm

**4:00 pm:** Volleyball Club, Women's practice, Rec Center

**4:30 pm:** Civil Engineering Graduate seminar, "Anchorage of Non-Structural Building Components for Seismic Loading," by Anwar Yusuf, 217 CE

**6:00 pm:** AICHE, Committee on Legislation, 109 CSF

**6:30 pm:** American Nuclear Society, 227 Fulton

**6:30 pm:** Intercollegiate Knights, 204 McNutt

**7:00 pm:** Gaming Association, 231 McNutt

**7:00 pm:** Sigma Phi Epsilon, 139 Schrenk

**7:00 pm:** EIT Review Session, Thermodynamics, 117 CE

**7:00 pm:** Intervarsity Christian Fellowship, Sunrise Rm

**7:00 pm:** Koinonia, Walnut Rm

**7:00 pm:** Toastmasters, 109 CSF

**8:00 pm:** Solar Car Team, EMgt Bldg

**8:00 pm:** Academic Competition Organization, 314 CE

## Friday

**7:00 pm:** Chi Epsilon Ice cream social for district conclave, Centennial Hall, UCE

**7:00 pm:** SUB Spring Films, *The Jerk*, 104 ME

**9:00 pm:** SUB Spring Films, *The Jerk*, 104 ME

## Saturday

**Spring Break Begins**

**8:30 am:** Chi Epsilon, Brunch with speaker, Centennial Hall, UCE

**10:30 am:** Chi Epsilon, Panel discussion, G-3 Schrenk

**2:00 pm:** Chess Club, Gallery, UCE

**6:00 pm:** Chi Epsilon, Initiation, 114 CE

**7:00 pm:** SUB Spring Films, *The Jerk*, 104 ME

**9:00 pm:** SUB Spring Films, *The Jerk*, 104 ME



## Classifieds

### Help Wanted

Men/Women earn \$480 weekly assembling circuit boards/electronic components at home. Experience unnecessary, will train. Immediate openings in your local area. Call 1-520-680-7891 EXT C200.

### Position Available

Immediate positions available for contract programming, design and development for a St. Louis based technology company. Must be at least a junior in Computer Science or Electrical Engineering. Pay will be \$15.00 per hour. Must be able to devote 20 hours per week. Visual Basic, Omnis, or SQL experience a plus. Send resume to GTM Enterprises, Inc., 411 West Orchard, Ballwin, MO 63011, or fax to (314)256-8539, or send to our e-mail address on the Internet at GMORRISGTM@AOL.COM

### Lost Camera

LOST!! Black camera case with 2 rolls of exposed film. Last seen during Coronation at St. Pat's in the purple section of the bleachers. I HAVE TO HAVE THE FILM for a term paper. Someone definitely took it since we looked directly after the ceremony and checked everywhere. If you know where it is, please email me at 'booth@umr.edu' or call Delta Tau Delta at 364-1909. Reward isn't out of the question! Thanks.



## Extra! Extra!

The Missouri Miner reserves the right to edit all submitted announcements for style, grammar, punctuation, spelling, length, and matters of good taste. Announcements must be submitted by 3:30 p.m. on Thursday before publication.

### Attention May Graduates

Commencement announcements are now available in the Registrar's Office for all students who will be graduating on May 17, 1997. These announcements are provided by the University at no cost to the graduate.

### Society of Women Engineers to Host Russell House Benefit

The Society of Women Engineers will be hosting its Second Annual Russell House Benefit Wednesday, April 16, 1997. The Russell House is a shelter

for battered and abused women and their children. SWE will be accepting donations for them from 2:00-6:30 pm in the Miner Rec. (located at the corner of US 63 and 10th St.). Items needed by the shelter include: alarm clocks, paper plates, paper towels, cleaning supplies, laundry supplies, light bulbs, batteries, needle and thread, scissors, first aid supplies, toiletries, filing cabinet, and cash donations. (We will accept used donations, but they need to be in good condition.) To have your items picked up or for more information, contact the SWE office at 341-6323 or E-mail us at swe@umr.edu.

### Society of Women Engineers seeks donations for contest

To promote interest among girls in math and science related fields, the UMR chapter of the Society of Women Engineers will be hosting their second annual math contest for seventh grade girls in the Rolla area. Last year approximately 130 girls from two schools participated. All awards and funds for last year's contest were donated by local businesses and several departments at UMR. Prizes included gift certificates, T-shirts, and a savings bond. This year's contest will be held April 14th at the Rolla Middle School. An awards reception, sponsored by the MESP program office, will be held on May 1. For more information, contact Janet Herzberg at 364-2797 (home), 341-6323 (SWE office), or by e-mail at janet@umr.edu.

### Report summer jobs to COC

Students are reminded to report their summer jobs and internships to the Career Opportunities Center if they have not already done so. Forms are available on the COC website at www.umr.edu/~career/ and also at the Center in room 304 Norwood Hall.

### EIT Review Session Schedule

Chi Epsilon and the American Society of Civil Engineers are sponsoring several EIT review sessions. All sessions are at 7:00 pm in 117 CE unless otherwise noted. The subject and dates are: Thermodynamics, April 3; and Electrical Circuits, April 15.

### Coffee Talks

The Multicultural Educational Support Program invites faculty, staff and students to a series of coffee talks from 9-11am on Thursdays at the MESP Office in Room 107 Norwood Hall. Free coffee, homemade pastries and good conversation are included. On the third Thursday of every month, MESP will have a guest host to lead discussions. The guest hosts include: "Voices of Inspiration" sings songs from CD and Stress Reliever with Ann Wilks, May 15.

### Freshman Orientation needs your help

Volunteers are needed to assist with the Freshman Orientation weekends. You can make a difference by informing prospective students of why UMR should be their first choice, have fun and take a break from your normal routine. Freshman Orientation dates are: April 25, June 11, and June 13, 1997. For more information, contact OSAC at 341-4211 or pfrisbee@umr.edu, or stop by the Center for Personal and Professional Development, 204 Norwood Hall.

### E-mail Forwarding

Did you know that the MSM-UMR Alumni Office will forward your UMR e-mail for up to one year following your departure from UMR. An active UMR account, a request for forwarding, and the new e-mail address to forward mail to must be provided for this service. For more information, see the Alumni Web Page at <http://www.umr.edu/alumni/>.

## \$ Financial Aid \$

### Federal Work-Study Requisition Deadline

For departments to be considered for Summer, 1997 work study assistants, departmental requisition forms for Summer, 1997, must be completed and returned to the Student Financial Aid Office, G-1 Parker Hall, by April 21, 1997. If you need requisition forms, please contact Linda Sands in the Admissions/Student Financial Aid Office at ext. 4282.

### Sign up for summer financial aid

The Student Financial Aid Office is now accepting applications from students wishing to receive financial aid for the Summer 97 term. Applications are available in the Student Financial Aid Office, G-1 Parker Hall. Summer application deadline: April 15, 1997.

### Sigma Nu Tristan G. Pinzke Memorial Scholarship

Student shall be male or female student enrolled in any Engineering discipline at the University of Missouri-Rolla, maintaining a 2.5 cumulative grade point average on a 4.0 scale, and be chosen because of their campus and community leadership and involvement. Financial need shall not be a requirement. Applications available in the Student Financial Aid Office, G-1 Parker Hall. Application deadline must be submitted to the Student Financial Aid Office by April 30, 1997.



### Carat Scholarship Foundation

Carat Scholarship Foundation is funded by the contributions of civic-minded individuals, businesses and various fund raisers. The Foundation offers \$500 - \$1000 scholarships semiannually to graduate and undergraduate students who are United States citizens. The scholarship are awarded on the basis of career goals, financial needs and academic records. To receive current information packets and applications for The Carat Scholarship, send a stamped self addressed envelope to: Carat Scholarship Foundation, Attn.: Carol McAuliffe-Director, 5 Magnolia Parkway, Hawthorn Woods, IL 60047. **November 1, 1997** for a December 15 distribution, **April 1, 1998** for a June 15, 1998 distribution, and **November 1, 1998** for a December 15, 1998 Distribution.

### Missouri Agents Education Foundation

It is the intent of the Board to award at least two scholarships in the amount of \$1,000 each, for the school year beginning in the Fall of 1997.

#### REQUIREMENTS:

- \* No recipients may be a member of the immediate family of an MAEF Board member or the MAEF Scholarship Committee.
  - \* To encourage a mentor process, the recipients must be "sponsored by" a member of the Missouri Association of Insurance Agents.
  - \* Preference will be given to applicants attending or planning to attend a Missouri college or university.
  - \* The recipient must be majoring in a discipline that could lead to a career in the insurance industry.
  - \* Preference will be given to students entering their Junior or Senior year of college.
- Applications available in the Student Financial Aid Office, G-1 Parker Hall. Application deadline: **April 20, 1997.**

### Heavy Constructors Association of the Greater Kansas City Area

The Heavy Constructors Association Industry Advancement Fund (HCA-IAF) Scholarship is directed toward individuals pursuing degrees in civil engineering, construction management, business administration, computer science, management information systems, mathematics or any other technical field. The prerequisite is that the student demonstrates a commitment toward a career in construction. Additionally, the student will also be required to work in summer construction while in school. The Association will assist with placement if necessary. Applications available in the Student Financial Aid Office, G-1 Parker Hall. Application deadline: **April 25, 1997.** Please submit applications to the Student Financial Aid Office.

### 1997-98 Coterie Scholarship \$1000

Criteria:

- \* The recipient must be a female student at UMR.
- \* She must have completed 50% of the hours necessary for completion of her degree from UMR.
- \* She must be enrolled with a minimum of 9 hours in a degree program at the time of scholarship payment and must show evidence of satisfactory progress toward that degree.
- \* She must demonstrate financial need.
- \* She must submit a written statement outlining her reasons for application to the Coterie Scholarship Committee.
- \* She must not be a member of the family of any UMR faculty, full-time staff, or other personnel.

(She may be an employee herself.) The women with added personal obligations (e.g., children, invalid dependent, physical disabilities, etc.). The woman who had her college education interrupted and is returning to complete her graduate or undergraduate degree at UMR. (Grade point will be taken into consideration.) Send a letter of application explaining your qualifications to: Coterie, P. O. Box 1638, Rolla, MO 65401. Application deadline: **April 5, 1997.**

### 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.

### The William M. Reiss Foundation Scholarship Fund

Scholarship recipients are limited to Graduates of publicly supported High schools located within the city limits of Belleville, Illinois. Students working toward a degree in medicine, but not nursing, are excluded. Post Baccalaureate students will not be considered. Applications available in the Student Financial Aid Office, G-1 Parker Hall. Application must be sent by: **May 1, 1997.**

### Scott-St. Louis Area Chapter, Armed Forces Communications and Electronics Association

The Scott-St. Louis Chapter of the Armed Forces Communications and Electronics Association plans to award two \$2500 and five \$1000 scholarships to local students majoring in engineering, scientific, computer science, or telecommunications programs. Scholarships are to be awarded in May for use in the Fall and Spring semester, 1997-98. To qualify, you must be entering college as a freshman, sophomore, junior, or senior during the 1997-98 school year; be a full-time student (as defined by the school's

admissions office); attend a 2 or 4 year accredited institution; and express an intention to pursue or complete a degree in engineering, scientific areas, computer science or telecommunications. You do not have to be a member of AFCEA. Applications available in the Student Financial Aid Office, G-1 Parker Hall. Application must be returned by: **April 11, 1997.**

### The Midwest Concrete Industry Board, Inc.

The Mid-West Concrete Industry Board has established a perpetual fund known as the Mid-West Concrete Industry Board Education Fund. This Fund is an endowment fund that will provide financial assistance to college engineering students pursuing a Bachelor of Science or higher degree that includes concrete and concrete design courses as an integral part of their degree program.

#### APPLICATION REQUIREMENTS:

- \* The applicant's permanent residence as indicated on college or high school record must be within the states of Kansas or Missouri and either (a) within a 150-mile radius from a point on the Kansas/Missouri state line at highway I-35; or (b) within a 25 mile radius of the main U.S. Post Office at the mailing address of a current MCIB member.
- \* Applicant must be pursuing a Bachelor of Science or higher degree that includes concrete and concrete design courses as an integral part of their degree program at an accredited college or university.
- \* Applicant must be enrolled in or have completed concrete or concrete design courses.
- \* Applicant must not be a son, daughter, grandson, granddaughter, niece, or nephew or an Advisory Committee member.
- \* Part-time student applicants will be limited to junior class status or above. The scholarship award to part-time students will be commensurate with the costs.
- \* The application must be typewritten. Responses to questions on the application must be answered on the form, with the exception of the essay questions, which may be typed on a separate sheet and attached to the application. The application must be accompanied by a college transcript.

\* (a) A statement appraisal of the applicant in terms of potential for growth, character, leadership capacity, and career interest from three evaluators is required: at least one should be from a faculty member. The statements must be returned directly to MCIB by each evaluator. Recommendations sent to MCIB by the applicant will not be accepted.

(b) Applicants must ensure that MCIB has received these appraisals before application deadline. Applications available in the Student Financial Aid Office. Application must be received by: **April 30, 1997.**

### Missouri Council of the Blind

Any legally blind person enrolled in or under consideration for admission to post secondary training programs, who are Missouri residents, and have submitted a completed application and all required supporting materials, are eligible to be considered for a MCB scholarship. The definition of legal blindness is as follows: Visual acuity of 20/200 or less in the better corrected eye or a visual field of 20 degrees or less in the better corrected eye. To be eligible you must be legally blind in BOTH eyes. Applications available in the Student Financial Aid Office, G-1 Parker Hall. Applications must be received by: **May 1, 1997.**

### The John Gyles Education Fund

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 applications in 1997 are **June 15th**, and **November 15th**. To receive an application please send only a stamped\*\*\* (US 32), self-addressed, standard letter size (No. 10) envelope to the following address: The John Gyles Education Fund Attention: R. James Cogle P. O. Box 4808, 712 Riverside Drive Fredericton, New Brunswick Canada E3B 5G4 \*\*\*We use international mail services, therefore U.S. postage is acceptable.

### Rolla Lions Club Vance Scholarship Fund

Students must be a graduate from Newburg, St. James, or Rolla High schools. Applications available in the Student Financial Aid Office, G-1 Parker Hall. Application deadline must be returned no later than: **April 7, 1997.**

### American Electroplaters and Surface Finishers Society

Each year the American Electroplaters and Surface Finishers Society offers scholarships to upper class undergraduate and graduate students who are interested in the surface finishing field. Criteria:

- \* Undergraduate students must be studying in metallurgy, metallurgical engineering, materials science or engineering, chemistry, chemical engineering, or environmental engineering.
- \* Selection factors include achievement, scholarship potential, motivation and interest in the finishing technologies.
- \* Must be a full-time student during the academic year the scholarship is received.

\* Financial need is not a factor. Applications available in the Student Financial Aid Office, G-1 Parker Hall. Application and all requested documents must be postmarked by **April 15, 1997.**

### 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.

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# MISSOURI MINER



*A publication of evil government conspirators who wish to take over the world*

April 1, 1997

Act 1, Scene 1

One page

## Moon breaks into three pieces during eclipse



Douglas Sobery  
Editor-In-Chief

Observers throughout the Midwest were stunned last Wednesday when, during a near total eclipse, the moon was apparently struck by a yet undetermined object and shattered it into three pieces.

Dr. Luna Gone, an astronomer with the National Astrological Council in White Sands, New Mexico, was one of the first to notice the change in the Earth's only natural satellite.

Though concerned about what impact its destruction might have on the Earth, Dr. Gone cautions everyone not to become alarmed before all the facts are in. "Look at it this way. Before we described the moon as just a big chunk of green cheese. Now just try to think of it as a few wedges."

The sudden loss of the moon has left many questions in the minds of

scientists around the globe. Just what could have caused the moon to shatter? How could it have approached the Earth unobserved? And most importantly can we capture this awesome power and twist to our own evil designs?

To date no one has come up with

"We used to think of the moon as just a big chunk of green cheese. Now just try to think of it as several wedges."

Dr. Luna Gone

any solid leads, but scientists are looking into several theories including an alien invasion and a botched attempt by world famous magician David Copperfield to make the moon disappear.

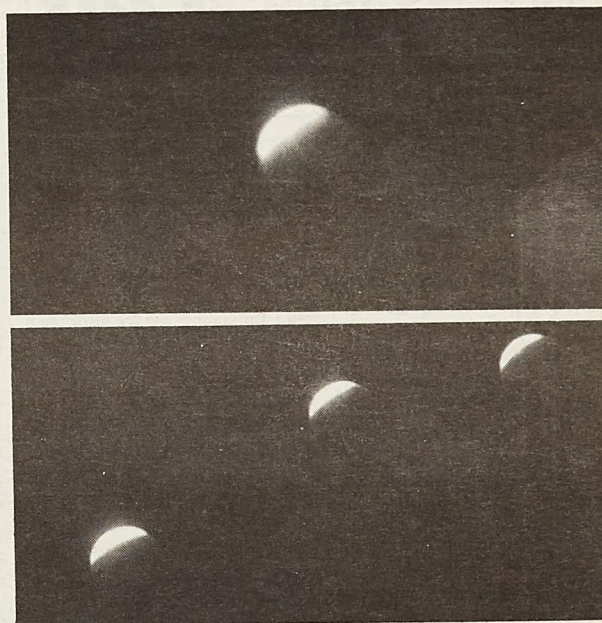
Researchers have also been frantically looking into what affects the 'new' moons night have on the Earth itself. Scientists predict unusual tide activity throughout the world as well as the need for two more cows to complete

the famous nursery rhyme. Some people have gone so far as to say the creation of two more moons will cause everything from flash floods to the invention of a diet cola that actually tastes like it's non-diet equivalent.

Of course the destruction of the moon did not come as a surprise to everyone. Local psychic Zandar O'Reefe predicted such an event months ago. "I saw a squirrel sitting in a tree. Trees are good. Squirrels are good. I think I'll go buy a cheeseburger. Cheeseburgers are good. The moon is made of cheese. I wonder if I could eat the moon."

In a completely unrelated story, a group of UMR student have claimed to have designed, built, and launched their own nuclear device. Christened "The Mooncrusher," the small missile was apparently launched last Wednesday only a short time before the eclipse began.

Happy with their success, the students plan to build a second missile which they intend to call "The Sun Killer."



Ryan Shawgo

Photos of the eclipse both before and after the tragic event.

## University explores new housing



Casey Morriss  
News Editor

Due to the unanticipated size of the freshman class, the University has been forced to look as some innovative housing alternatives. Students now have the option of canvas and zippers instead of bricks and doors thanks to the pioneering effort of Residential Life.

With the new program, students can choose to live in tents that the University is erecting on the lawn between the puck and the library. "We wanted to put the 'camp' back in campus housing," Residential Life said.

The tents will be filled first by volunteers. If there is still a space

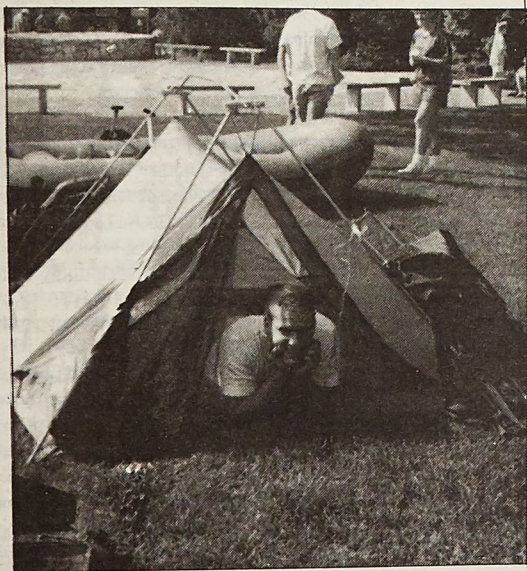
crunch after all the volunteers have been relocated, participation in the program will be mandatory for freshman.

Participants from the freshman class will be chosen beginning with those with personal hygiene problems and then going from lowest to highest high school GPA until the problem is solved.

"We are very excited about the new housing program," Chancellor Park said. "It will not only put students closer to their classes; it will also free them from the annoyance of running water and electric appliances."

The tents will be two person single sex dwellings, but if a roommate dies from exposure or is forced to go to the hospital for hypothermia treatment, the surviving roommate will retain sole possession of the tent.

*"We wanted to put the 'camp' back in campus housing."*



Susan Lowe

Jack Freshman is a "happy camper" in his new pad.

## In this issue

### News



Park announces that St. Pat's will be held bi-annually. ■ Page 2

### Features



Elvis to appear at Spring Concert. ■ Page 5

### Sports



UMR announces new varsity sport: Snake whacking. ■ Page 9

Something ■ Page 12

Something Else ■ Page 12