



22 Mar 2000

## The Missouri Miner, March 22 2000

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March 15, 2000

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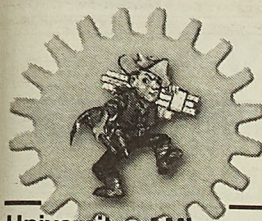
me  
Council meeting,

# St. Pat's Photo Spread Inside

RECEIVED

MAR 22 2000

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University of Missouri-Rolla

Volume XXCIX, Number 24

March 22, 2000

## UMR's Dr. Oliver Manuel charged; arraignment hearing set for April 4

**Charles Robinson**  
**News Writer**

Dr. Oliver K. Manuel, Chairman of the Chemistry Department, has been formally charged with two misdemeanors allegedly committed following the minor explosion in one of Chemical Engineering labs last

November.

According to Phelps County Prosecuting Attorney Kenneth Clayton, Dr. Oliver Manuel was formally charged with Resisting Arrest and Willfully Opposing and Resisting a member of the Missouri State Highway Patrol on March 1st, 2000.

The first charge, resisting arrest, is clas-

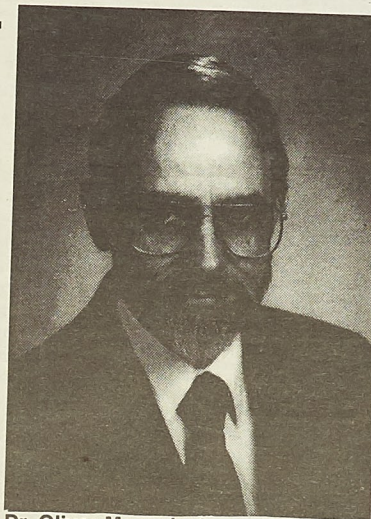
sified as a class A misdemeanor and could carry a maximum sentence of \$1,000.00 fine, 1 year in the county jail, or both. However, he has to either plead guilty to this charge or be found guilty by a jury of his peers.

The second charge, willfully opposing and resisting a member of the Missouri State Highway Patrol, is an unclassified misdemeanor and is treated as a class A misdemeanor. The second charge carries the same punishment if he is found guilty or pleads guilty to the charge.

In the instance that Dr. Manuel pleads guilty or is found guilty by a jury, the judge can order consecutive sentences; Dr. Manuel could, at the maximum pay a \$2,000.00 fine, or spend up to 2 years in jail. This situation can only occur if Dr. Manuel enters a plea of guilty or if he is found guilty by a jury.

When speaking with Prosecuting Attorney Clayton the question, "With the incident happening back in November and this now being March, why the wait to bring formal charges?"

His response was "There was a period of time after this incident took place that Mr. Manuel and his attorney, actually his attorney approached me and wanted to present some other information to me before I made a decision. I agreed to allow him to present that information to me." Prosecutor Clayton continued, saying, "He did present that other information and as you can tell from looking around the office things are quite busy. Once that other information was given to me, it just



**Dr. Oliver Manuel, charged with misdemeanors after explosion.**

*photo courtesy of UMR Publications*

took a little while."

When asked what factors were used in charging Dr. Manuel, Prosecutor Clayton stated, "I probably cannot answer that question due to the Ethical Code."

In an e-mail conversation with Chancellor John Park, the Chancellor was asked "What is the opinion of the University Administration is on the charges brought forth on Dr. Manuel?" In response Chancellor Park stated, "Dr Manuel is an excellent scientist, researcher and administrator who has served the university well for many years. I don't

*see Manuel, page 3*

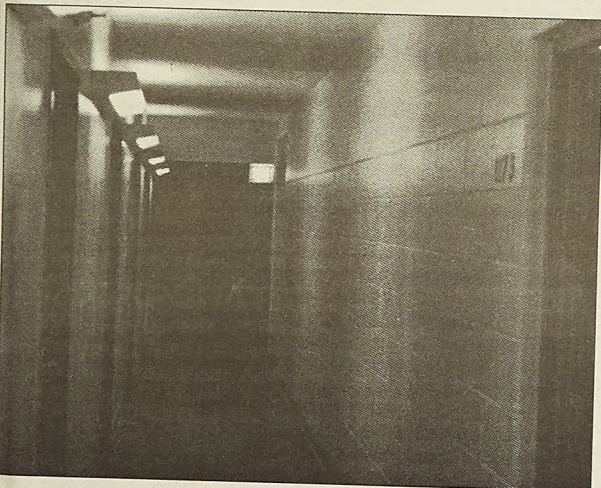
### St. Pat's Court



**Members of St. Pat's Court pose in full regalia. Court positions are St. Pat, Master Guard, Guards, Heralds, and Pages.**

*photo by Allen Annaert*

## Co-operative on 10 and 11 south



**11 South, the site of next year's Co-operative learning environment.**

*photo by Brandon Belvin*

**Chip Kastner**  
**News Writer**

In the upcoming Fall 2000 semester, the University of Missouri-Rolla's Residential Life Department will be opening two 'learning communities' on floors 10 and 11 of the Thomas Jefferson Residence Hall's south tower.

The learning communities, an idea that has been successfully implemented at other universities, would hold approximately 80 first-year, Freshman Engineering students. The students, who would voluntarily choose to live in one of these communities, would be able to easily study together and would have the support of student mentors who would also live on the floor.

The program, called Voyager,

*see Co-op, page 3*

## Doctor Paul Parris is new Physics department chair

**Chip Kastner**  
**News Writer**

Dr. Edward Hale, the physics department chair, will be retiring on May 30. Taking over as head of the department will be Dr. Paul Parris, currently a physics professor at UMR.

Parris received his bachelor's degree in 1980 from George Mason University, and went on to the University of Rochester where he earned his master's and doctorate degrees. After completing postdoctoral work at the Massachusetts Institute of Technology in 1986, he came to UMR.

Parris is currently the lead investigator in a research program funded by the Department of Energy and the National Science Foundation that is studying the electrical properties of disordered polymer

films, which are commonly used in photocopiers and laser printers.

Since coming to UMR, Parris has received three Faculty Excellence Awards and one Outstanding Teacher Award. He has published numerous articles in scientific journals and participates in international science conferences.

"My main goal as department chair is to continue to expand the strong traditions of research and teaching excellence that have been the strengths of the UMR physics department," Parris stated.

"Many of our faculty are internationally known for their research. As a result, we've been able to attract some of the best students on campus... as a department, we obviously want to maintain and build upon the high standards set in recent years by Dr. Hale."



## NEWSBRIEFS ON CAMPUS

### UMR student U.S. DOT "Student of the Year"

Wesley Tull Jr. of Camdenton, Mo., a senior in civil engineering at the University of Missouri-Rolla, is the recipient of the Student of the Year Award from the U.S. Department of Transportation (DOT).

Tull was honored by DOT during its Transportation Research Board's 78th annual meeting recently held in Washington, D.C.

Tull was chosen from participating DOT University Transportation Centers for achievements and promise for future contributions to the transportation field. He has achieved outstanding accomplishments in the areas of technical merit and research, academic performance, professionalism and leadership while a student in UMR's Center for Advanced Materials and Non-Destructive Testing Technologies (UTC).

While focusing his studies on asphalt and concrete pavement design, Tull also recently received an award for design of a railing system for a new "Smart Structure" scheduled to be built on the UMR campus.

### "Fundamentals of Surveying" at UMR

The University of Missouri-Rolla continuing education program will sponsor "Fundamentals of Surveying," a short course for practicing land surveyors, in April and May on the UMR campus.

The course will be held from 7:45 a.m. to 5:15 p.m. over five Saturdays — April 8, 15 and 22, and May 6 and 13 — in UMR's Butler-Carlton Civil Engineering Building. The course fee is \$874, and participants will be eligible for 3 hours of college credit, or 45 professional development units or 4.5 continuing education units.

The registration deadline is March

24. For information about registration, contact Bonnie J. Unal, UMR Continuing Education, 103 ME Annex, UMR, Rolla, Mo., 65409-1560, or call (573) 341-4278 or (573) 341-4132.

Information is also available via e-mail at [bonnieu@umr.edu](mailto:bonnieu@umr.edu), or fax at (573) 341-4992, or at [www.umr.edu/~conted/](http://www.umr.edu/~conted/).

### UMR African Students Association raising funds for flood relief

The African Student Association at the University of Missouri-Rolla is raising funds to support disaster-relief efforts for portions of southern Africa that were recently hit by flooding.

In the last few weeks the southern part of the African continent has been hit by the worst flooding disaster in recent memory. "The cyclone which ran through Mozambique, Zimbabwe, Botswana, South Africa and now extending to Madagascar has claimed thousands of lives and left millions in need of food, clothing and shelter," Dr. Daopu Numbere, the UMR African Student Association faculty adviser said.

The student group is collecting donations of money, clothing and medication. All donations will be sent to the Red Cross, and donors' names will be added to a list of the disaster relief sponsors on the ASA's World Wide Web site [www.umr.edu/~asa/](http://www.umr.edu/~asa/).

Anyone interested in donating may make checks payable to the ASA Disaster Relief Fund, University of Missouri-Rolla, 113E University Center West. Clothing and medication can also be dropped off at the address above with Carol Molchan in the UMR student activities department.

To arrange for ASA members to pick up the donations, contact the association by calling (573) 368-3022 or via electronic mail at [asa@umr.edu](mailto:asa@umr.edu).

### Intelligent Computers a long way off says Wunsch

If you were impressed with Deep Blue's 1997 triumph over chess master Garry Kasparov, wait until you see the computer that can hold its own with the best players of Go, the ancient Asian game that is astronomically more complex than chess.

Some of the world's leading Go players claim it will be a century before such a machine exists, but Dr. Donald C. Wunsch is more optimistic. Wunsch, the Mary K. Finley Missouri Distinguished Professor of Computer Engineering at the University of Missouri-Rolla, believes the era of truly intelligent machines — even computer programs that can match wits with a Go master — is within reach.

The creation of such a machine will involve an "adaptive" computer system that is much more intelligent than today's best computers, Wunsch says. To succeed at Go, he says, such a system would have to be intelligent enough to learn the game, adapt to changing conditions, anticipate several possible moves, and evaluate the "goban," or playing board — "to help it learn which side is winning and which is losing." And it would have to be "smarter" than Deep Blue, the IBM computer that defeated chess master Garry Kasparov in May 1997.

Intelligent systems of the future also must learn to "think" paradoxically — suspending judgment of contradictory ideas — in order to better mimic human intelligence, says Wunsch.

A masterful Go machine "is going to require more human knowledge than chess requires — and chess requires a lot of human knowledge," says Wunsch, who is an expert in the field of intelligent computer agents.

"The human experts in Go believe it will be a century before we can make

a computer as good as a Go master," Wunsch said. "I'm more optimistic, but we still have a long way to go."

Go is a strategy game involving two players. Players take turns placing their markers, called stones, on the goban, a board with grid lines, with the objective of controlling the largest part of the goban. The game is as popular in East Asia as chess is in Russia, Wunsch says. Like chess, Go is beneficial to the intellectual development of school children, he adds.

Today's best Go computer programs play the game "like an amateur — like someone who has been playing for about six months," says Wunsch, who claims his own Go skills are "so weak that the stronger computers can beat me."

Go is "easier to learn than chess, but more difficult to master," Wunsch explained. The difficulty in training a computer to play Go is a sheer numbers problem, he added.

"The game tree in Go has about 10 to the 750th power of possibilities," explained Wunsch. "Chess, on the other hand, is more like 10 to the 150th power. In chess, the possible number of games is greater than the number of atoms in the universe."

So how did Deep Blue become such a chess whiz? According to Wunsch, the answer lies in Deep Blue's parallel processing power, combined with simple "rule-of-thumb" techniques known as heuristics. Thanks to parallel processing — the use of several processors at once to share the work of evaluating possible moves — the computer can evaluate an incredible number of possible future game positions. By evaluating current board position, king safety and other variables, the heuristics enable Deep Blue to eliminate a large number of moves.

"Computers aren't good at looking at the static position — to see who's winning at a given moment — but they are good at looking at large numbers of possibilities," Wunsch said. "A chess program will look at the board and say,

in effect, 'There are 20 possible moves, but 10 of them are lousy.' By doing that, it narrows the possibilities down to a more manageable size."

Still, Deep Blue took a "brute force" approach to processing, Wunsch said. Deep Blue can search through a century of historical chess moves at speeds up to 200 million positions per second. A more truly intelligent approach is needed if computers are to make the leap Wunsch believes is possible in the coming decades.

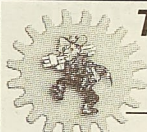
Future intelligent systems will require more emphasis on what Wunsch called "massively parallel learning systems." Much of the research in intelligent agents — from Internet search engines and computer spell-checkers to systems used in high-tech manufacturing — has focused on developing the "learning systems." Now it's time to emphasize the "massively parallel" part of such systems.

"A truly intelligent system is one that can adapt to changes or new information and learn from the changes," said Wunsch.

"Adaptive" and "intelligent" should be redundant," says Wunsch, who received a National Science Foundation Faculty Early Career Development (CAREER) Award to support his research into intelligent agents. "To call an agent intelligent that is not adaptive is missing the mark." Many Internet search engines, for example, are not adaptive — and therefore not truly intelligent — because they cannot change their databases in a variety of necessary situations, such as when they encounter a defunct World Wide Web site, or when a user ignores the search engine's top hits.

"An adaptive intelligent agent is one that is capable of learning," Wunsch says.

Traditional computer programming, however, limits a computer's ability to think like a human. Wunsch hopes to see future intelligent systems that move beyond the raw logic of most systems.



## The Missouri Miner

The **Missouri Miner** is a 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** is also online at <http://www.umr.edu/~miner>.

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

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

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Submissions for publication must be in our mail box in 113 University Center-West by 3:30 p.m. on the Thursday before publication. Submissions will be accepted through e-mail at [miner@umr.edu](mailto:miner@umr.edu). The **Missouri Miner** reserves the right to edit all submissions for style, grammar, punctuation, spelling, length, and matters of good taste.

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# Viewpoints on Politics: 2000 Elections

## Bush, Gore struggle for voters

Chris Wilson

Political Columnist

Even though the primaries are not yet over, both Governor George W. Bush and Vice-President Al Gore have clinched the presidential nomination from their respective parties. In fact, since they already have secured their positions, some wonder whether the nation is ready for a ten-month contest for the Presidency. Many voters feel that the issues will get old...fast.

The bantering back and forth between candidates will quickly disgust voters and discourage them from voting either way. However, others feel that this will give the candidates the opportunity to clearly define their positions on the issues. But, it is up to the candidates to take advantage of the situation.

The candidates have begun jockeying for the office by revisiting the all but forgotten issue of campaign finance reform. Gore tried to convince Bush to refrain from using so called "soft money" in his campaign. (Soft money is defined as unregulated donations to the party; which is in turn used to aid the candidate's campaign. "Hard money" is regulated funds given directly to the candidate's campaign.)

Bush responded that Gore was in no place to criticize his use of "soft money" when Gore's own campaign finance practices were questionable. In an e-mail to Gore, Bush countered, "In your email, you spoke of restoring 'trust in our electoral process.' And that is the heart of the matter. New campaign finance laws are needed... What is even more important is the duty of public officials to obey the existing laws, and I'm afraid your own record does not inspire confidence."

confidence."

In addition, the third most supported candidate, Senator John McCain, left behind a substantial number of votes for the candidates to scoop up. A race has begun to garner as many of those votes as possible.

However, Bush would be able to take most of them if Senator McCain is chosen as Bush's running mate. However, when McCain resigned his campaign last week he did not endorse Bush for the office. But, Bush is optimistic saying that they "were coming together a lot faster than anybody anticipated...I'm sure John and I will find a lot of areas of agreement." If a union of the two former contenders is made, many feel that it would make the Republican party undefeatable.

However, the final decision will be made when the Electoral College casts its votes. Before the California primary, if Bush won the nomination for President, it was likely that he would not win the 54 electoral votes California had to offer.

But, in a recent poll, Bush could gain support from enough smaller states (including Texas, Michigan and Louisiana) to make up for the loss. In fact, he would not even need the 33 electoral votes of New York. In a CNN/Time poll, Bush is favored over Gore 49 percent to 43 percent.

This does not include McCain supporters, 47 percent of which would most likely vote for Bush, compared to 41 percent for Gore. So, at this point, Bush will come out on top. However, with seven months to go, anything can happen. The candidates' character and integrity will significantly come into play when the voters cast their ballots in November.

## Al Gore — moving to the next step in presidential election

Chris Wilson

Political Columnist

Eight months to go until the National General Election. Your choices are Vice President Al Gore, Texas Governor George W. Bush, or Pat Buchanan. With Senator Bill Bradley out of the race and Senator John McCain shutdown by Governor Bush, the presidential race is heating up fast. In a Newsweek poll released last week, voters who strongly supported either Senator McCain or Senator Bradley are now leaning more toward Vice President Gore with a margin of 48 - 41. Supporters of John McCain stated that they have a more favorable image of Vice President Gore than of Governor Bush.

The former Congressman turned Senator turn Vice President has won the votes of many Democrats. According to USA Today, of the current 2,893 delegates chosen, Vice President Gore has 2,536 of which he needs only 2,170 to secure the nomination. There are still another 1,446 delegates to be chosen. Even if Vice President Gore loses all 1,446 delegates, there are still not enough delegates for Bill Bradley to win the nomination. So what can we look forward to from Vice President Gore when he is elected President? The first thing that the Vice President is planning on working with is taking the budget surplus that we have (the largest surplus in the history of the United States) and salvaging Social Security and

Medicare. The main reason with the baby boomer generation close to retirement, it would either cause chaos with the current system if there is no new funding or it would bankrupt the system. With his ideals in Health Care, Vice President Gore wants state supported health coverage to include children in families that earn up to 250 percent of the poverty level, up from 200 percent. He also favors a new prescription drug benefit under the Medicare Program. With Social Security, he opposes allowing people to invest their Social Security Benefits in private investment accounts.

Another issue that runs deep with Vice President Gore is the environment. As President he would call upon Congress to initiate a ban on new offshore oil drilling in federal waters off of the coasts of Florida and California. In a quote from Gore 2000 official homepage Vice President Gore states, "Because of its importance to our air, our water, and the fabric of life itself, I believe that we have an obligation to protect the environment for future generations."

Vice President Gore has a lot of issues that he wants to resolve while in the Presidency. But his first and foremost are the two issues listed above. If he is not elected as our next president who will save Social Security? Help protect our environment? If you have any comments on this column please email [crobins@umr.edu](mailto:crobins@umr.edu). (Information courtesy of Gore 2000 and [usatoday.com](http://usatoday.com))

*"...I believe we have an obligation to protect the environment for future generations."*

-- Al Gore

## Co-op

From page 1

will take students who choose to live on these floors and enroll them in certain sections of common freshman courses, such as Calc I, Chem I, and Freshman Engineering. They will also be placed in one of five mentor groups, and the mentors will also live on the floor with their students.

The idea for a learning community at UMR was created by James Seville, Assistant Director of Residential Life, and James Murphy, Director of Residential Life. Dr. Elifritz, the Associate Director of Basic Engineering, also participated in the creation of the community.

The idea was first proposed to RHA on Jan 19, and surveys were taken of each residential community to see how many current students planned on returning to the floor next semester. This process upset many students who believed a community should be measured by its strength and not just numbers.

In early February, an erroneous e-mail was sent by Seville to the members of 2 North stating that the learning community would be placed there. Later in the day, a correction was sent out saying that the letter was only a rough draft, causing confusion and annoyance among the residents of the floor.

ing community would be placed there. Later in the day, a correction was sent out saying that the letter was only a rough draft, causing confusion and annoyance among the residents of the floor.

11 South has been vacant this year since the Delta Tau Delta fraternity moved out after the renovation of their house was completed. Making room for the learning community will therefore displace approximately half as many students as it would if a single north tower floor was chosen, although there are still dozens of students who will be moved out.

Other problems are still being worked out. For instance, UMR may not have enough female freshman next semester who are willing to participate in the program, which would result in an imbalance between the communities. Some students were upset because they believe there has not been enough time to completely plan out the details of the community.

Altogether, however, the Residential Life Department believes that the program will be a successful way to enhance the academic performance of participating freshmen without causing any serious problems.

## Professor

From Page 1

believe it is appropriate for me to comment on the charges filed against Dr. Manuel."

Also within the e-mail conversation, Chancellor Park was asked "Do you feel that the charges against Dr. Manuel are fair?" The response given was, "It isn't appropriate for me to speculate on whether the charges are fair or not."

Mr. Dan Birdsong, Manuel's attorney, has declined to comment.

The Arraignment Hearing for Dr. Manuel has been set for April 4, at 8:30 a.m. in the Phelps County Courthouse. The hearing is open to the public, and the presiding judge will be the Honorable Mary W. Sheffield.

## UMR Crime Blotter

**03/15/00 at 7:35 p.m.:** UMR Police detain one of three students near the Multi-Purpose Building carrying an open container of beer. Matthew M. Bates was issued a city summons for the offense and released.

**03/15/00 at 5:41 p.m.:** UMR Police arrest student Yi-Ping Chang on an outstanding city warrant for Failure to Appear in court on a traffic citation. Same was transported to RPD where he was processed. Chang posted a \$56.00 bond and was released with a new court date.

**03/15/00 at 10:40 p.m.:** UMR Police begin investigation concerning Fraudulent Use of A Credit Card belonging to a campus department. Continuing.

**03/15/00 at 9:40 a.m.:** UMR Police are contacted in Parking Area #21 while issuing tickets to non-visitor vehicles by a student who was cited for an expired meter violation. Same complained that he was only a couple minutes past his allotted time. Student was provided with information on parking appeal options.

**03/15/00 at 2:45 a.m.:** UMR Police assist RPD in shutting down a party at Triangle Fraternity due to multiple noise complaints.

**03/15/00 at 1:45 a.m.:** UMR Police detain student John S. Heimann at 12th and Pine Streets for driving without headlights. Same was Driving While Suspended, so he was issued a city summons and released.

**03/14/00 at 11:40 p.m.:** UMR Police detain two students near 9th and State Streets when one was observed to be urinating in public view. The second subject, student Joseph P. Lyons, was found to have marijuana and drug paraphernalia on his person and was charged with misdemeanor Possession of Marijuana. Lyons was issued a city summons and both were released. The first subject was given a verbal warning for the crime of Indecent Exposure.

**03/14/00:** UMR Police contacted by student owner of the bicycle recovered on 02-25-00. Same substantiated ownership and removed same from department storage.

**03/13/00:** UMR Police investigate report of Property Damage where a metal cable was cut on the south fence at the Rugby Field on Fraternity Circle. A hacksaw was retrieved from the scene and processed as evidence. Continuing.

**03/13/00 at 2:50 p.m.:** UMR Police tow-boot an unregistered vehicle in a campus lot due to \$160.00 in unpaid parking fines. Student operator contacted UMR Parking Dept and made arrangements to pay fines. Boot was removed.

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Coalition for America's Children



# Opinions

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The Missouri Miner

March 22, 2000

## Where have all the tree-huggers gone?

An Editorial by Asst. Features Editor, Gretchen Gawer

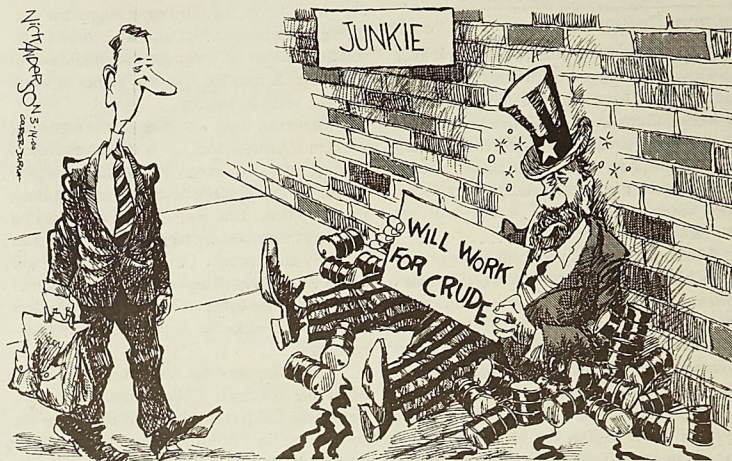
This weekend the streets of downtown Rolla ran green, but how green has campus been lately? Not green as in coated with St. Pat's spirit, but green as in environmentally friendly. From my experiences, there seems to be a sizable number of students and faculty who think that environmentalists are just a bunch of radicals and that environmental regulations are either too strict or just plain silly. For instance, take the recent citations the Department of Natural Resources has made against the university for violating state hazardous waste and clean water laws. Why was this allowed to happen? And why can't the Student Environmental Action Coalition get more than five people to come to its meetings? Does the University of Missouri-Rolla just not care? Why?

Maybe because environmentalism is just not a popular cause anymore. Is that due to the enormous strides we have made in environmental legislation? Or is it because the public has a bitter taste in its mouth about the green movement? In my opinion, both factor into the recent apathy.

Since the 1970s, Congress has passed the Clean Air Act and the Clean Water Act and established the EPA, Superfund, and OSHA. It has passed numerous environmental laws regulating hazardous waste, pesticides and toxic substances. These have gone a good way to preventing environmental damage and maintaining and even improving the quality of life in the United States. Because of this improvement, many people have gone lax and do not realize that there is still work to be done.

Another problem is that all the public readily sees are extremists acting irrationally or campaigning for changes that are not scientifically based. These people have given the movement a bad name. But let's forget about Greenpeace scaling cooling towers to post anti-nuclear power banners for a moment and be reasonable. Most environmentalists just want economically feasible measures taken to improve the quality of life for us and future generations. We don't want people to throw their aluminum cans in the trash instead of the recycling bin sitting next to it. We don't want unnecessarily packaging on products just to make them look better. We don't want Doe Run allowed to mine in Mark Twain National Forest along scenic Ozark waterways. And we don't want chip mills taking away the rest of the forests. We want St. Louis to have clean air so children don't suffer more severe asthma attacks. We don't want our own health to suffer because big businesses want us to buy more than we need. We don't want people believing scientists who say there is no global warming threat while they take their paychecks from the oil industry. We don't want the university violating serious environmental and health laws and regulations because it is easy. And neither do you, I would guess.

The environmental movement is not just about saving a tree for the sake of saving a tree. It's about saving the planet for the sake of those people on it.



## Do you have an opinion?

Share it with us!!!

Please e-mail your Letter to the Editor to [miner@umr.edu](mailto:miner@umr.edu) with you name and student number.

## Miner Question of the Week

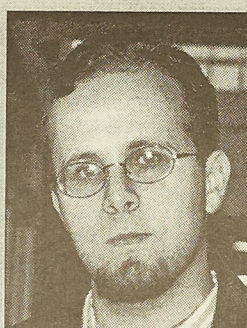
How environmentally safe do you think UMR is?

by Brandon Belvin



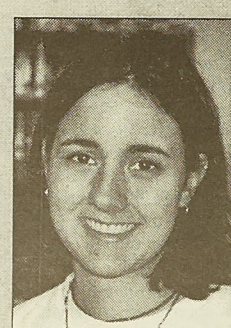
**Martin Rust**  
Freshman  
Mechanical Engineering

"UMR seems fairly environmentally safe. I think many of the stories are blown out of proportion. I wonder about the power plant sometimes, but that's all."



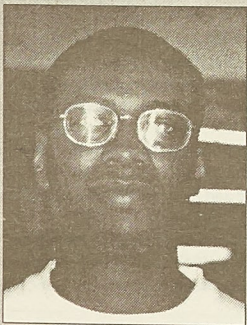
**Brian Dunham**  
Sophomore  
Chemical Engineering

"I feel it's pretty safe. I'm not so sure about the black stuff they dump in front of the power plant, but other than that I think we're safe."



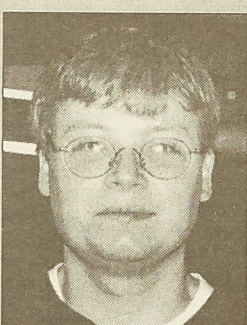
**Marie Vogan**  
Junior  
Aerospace Engineering

"This place is really nothing but a dirty truck stop. A lot of what the University does is a half-assed operation. I'd say it's pretty questionable."



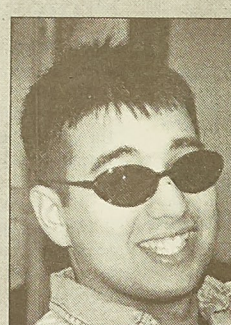
**Richard Clemon**  
Junior  
Electrical Engineering

"Fairly safe. We are more safe now because they're taking out the problems, but I don't think it was that much of a problem before."



**Cory Alexander**  
Senior  
Metallurgical Eng.

"I would say 75% safe. I remember times in labs where we poured chemicals down the sink because the professor forgot to tell us not to."



**Joao Sosa**  
Freshman  
Physics

"I figure it can't be too safe because of all the experiments going on, but there are a lot of federal laws which regulate this place. If they want to keep their funding they have to keep somewhat clean."



# Sports

March 22, 2000

The Missouri Miner

Page 5

## Men's and women's track take second at PSU Invite

**Tera McCallum**  
**Sports Writer**

The University of Missouri-Rolla track and field team took a little time off St. Pat's this past week to compete at Pittsburg, Kansas in the PSU/Wendy's Invitational. After a disappointing end to the indoor season, the team was hoping for a better finish in their first outdoor meet of the season. After two weeks of rest in preparation the Miners were in good shape to finish well at the meet.

In previous meets the Miners had been dominated by larger schools, but at Pitt State the odds were in favor of the Miners for apart from the PSU Gorillas, the other teams attending the meet, such as Ottawa, Concordia, Lincoln and Evangel, all tended to be smaller than UMR.

One factor working against the Miners was the weather. The PSU meet tends to be one of the colder meets that the Miners attend every year, since it is the first meet of the outdoor season, but this year was one of the coldest years.

"By the time events started on Thursday the temperature was below 40 degrees and it was raining," said Jenni Garrison. "We did our best to warm our muscles up, but with the way the weather was and really no place to go to keep warm it was not easy. The officials of the meet were obviously cold as well, because the events were being run really close together so there was not much time between events to try to stretch our muscles out." Despite the weather concerns, the team was still able to turn in one of their best performances as a team this year.

On the men's side Genesis

Williams got the meet started off on the right foot for the Miners in the sprint events. The first event of the day was the 100-meter dash where he finished third in a time of 11.38, but his best finish would come in the following event, the 200-meter dash. Williams would finish in a time of 23.31, which would be the one best finishes of the day, putting him in first place. William's first place finish in the 200-meter would be only the second time this season that a Miner would win the top spot in an event, but it would not be the last time that day.

Williams was not the only Miner finisher in the 200, Joe Stehly and Shawn Stengel teamed up to take the third and fourth place spots respectively in times of 23.87 and 23.96. For all three men their times were the best that they have turned in all season.

Mike Smolinski was not ready for the Miners to be pushed out of scoring position so in the following event of the day, the 400-meter, he went out and ran one of his best times of the season in the 400 as he won the right to fourth place and more points for the Miners.

Matt Tieg was the only competitor for the Miners in the 800-meter run and it was his first time competing in the event this season, but he did not let that bother him as he finished in 2:04.79, just four seconds behind the winner of the event. Tieg's time was good for sixth place and two more points for the Miners.

After having to take the indoor season off, the 1,500-meter run was Walter Kramb's first event of this year's track season, but he proved that taking a season off had not hurt him at all as he took fourth place in the 1,500 in a time of 4:25.74.

The Miners had another runner competing in their first event of the season in the 3,000-meter steeplechase. Steve Kerr made his track debut in an event that he had never competed in before. Even though it was his first time jumping the barriers and hitting the water barriers he still ran to gain more points for his team as he took third place in a time of 10:54.8.

Kerr was not the only big story in the steeplechase. Kevin McGuire, in only his second time running the steeplechase finished in a time of 9:57.4. His time was good for first place, the Miners second of the day.

"The weather made the race a tough one on Thursday," said McGuire. "Thankfully by the time I hit the water the second time around I was completely numb so I could just concentrate on finishing the race. It was a great feeling to be out in front and finish in first place. I had never taken first in an event, so the feeling was well worth the pain and cold."

McGuire would follow his winning steeplechase performance with a fourth place finish in the 5,000-meter run. Finishing just behind McGuire was Kevin Johnson who took fifth place in a time of 16:48.99.

The Miners were not done yet, though. In the 110-meter hurdles, Scott Borchers took on the tough PSU hurdles and came out victorious. Borchers crossed the line first in a time of 15.34; the Miners third first place finish of the day.

The relays would follow Borchers winning performance. Since the relays gain double the points in track, the Miners were hoping to place high. In the 4x100 Williams, Stehly, Smolinski and

Stengle would team up for a big performance from the Miners, as they would finish in third place in a time of 44.90. The 4x400 would also run well, as they would take fourth place in a time of 3:48.7.

The field events was one place the Miners gained many of their points. In the long jump Borchers, Stengle, Williams, and Jeremiah Bridges put together winning performances as they took third through sixth places respectively. In the javelin Heath Misak added one more first place finish to the Miners score card as he threw the javelin 166'2". Borchers would finish sixth in the event with a throw of 120'2".

For the final tally the Miners would take second place in the meet, their best finish of the year, with 97 points. Pitt State was the overall winner of the meet.

On the women's side the Lady Miners also had one of their best meets of the year. Their most notable performance coming from newcomer Dion McNeal. After playing basketball during the indoor track season, McNeal came out to throw for the outdoor season and on Thursday in the discus throw she was able to throw 128'4" which was not only good for second place in the event, but also set a new school record. McNeal would also compete in the shot put where she earned fifth place.

In the javelin last year's national competitor for the Miner, Jackie Kelbe, made her track debut of the season as she took third against a team of tough PSU throwers. Kelbe threw the jav 124'0".

Rachel Kuro equaled Kelbe's third place performance as she also took third against the PSU high jumpers. Kuro jumped 5'11".

On the track side the women also

had much success, with no one finishing lower than fourth place. In the 400-meter dash the women got their best performance of the day from Nicole Schmidt as she finished second in a time of 1:06.20. Deb Leonard was just seven tenths of a second behind Schmidt as she finished third in her comeback from illness that took her out of the indoor season.

"This meet was a really good meet for the team to start off with, despite the weather," said Leonard. "There were quite a few of us coming back from injuries or sickness, so competing against teams that we could be more competitive against really gave us the confidence that we need going into future meets."

Leonard also competed in the 800-meter run where she also took third place in a time of 2:37.73. Jenni Garrison also made her track debut on Thursday in the 800 as she took fourth place just behind Leonard.

On the distance side of the women's events, the Miners got two more third place finishes as Kim Hoffman would finish third in the 3,000-meter run and Sheri Lentz would finish third in the 5,000-meter run.

In all the women would equal the men's second place finish, as they too would finish second with 58 points. PSU would also win the women's meet.

The team hopes to continue their success throughout the remainder of the outdoor season. The Miners will get their next chance to compete as they start spring break off with a meet on the 25th at the Truman State Open. The Miners will then have the choice of competing at either the Vernon-Kennedy Multi-Event meet in Warrensburg, Missouri or the Rhodes Invitational in Memphis, Tenn.

## Women's softball drops two to Columbia College

**Tera McCallum**  
**Sports Writer**

After a disappointing start to the season, losing their first ten games, the Lady Miners softball team got their first victories of the season this weekend at their tournament in Fort Worth, Texas.

Before heading down to Texas the Lady Miners had a warmup double header against Columbia College in Columbia, Missouri. The Lady Miners held on for the first game and took Columbia College down to the wire, but the Lady Miners could not hold on for the second game.

The first game of the day pitcher Kristie Curry held Columbia to only five hits and the defense held their opponent to no runs through regulation game time. Unfortunately, the Lady Miners had trouble getting their own offense started and were also held scoreless at the end of seven innings. The game was forced into eight innings where the Lady Miners were still held without a score and Columbia was able to gain one run which ended the game.

After the long first game the Lady Miners could not come back for the second and were shut out again by a score of 8-0.

With twelve losses for the season, the Lady Miners were hoping that the trip down to Fort Worth, Texas would be the change of scenery that they needed. The team would find that a change that Coach Burwell made for the first game on Monday would prove to be a great one for the Fort Worth Tournament. "I moved Gina Daugherty into the lead-off hitting position for Monday's game and she did a great job in the tournament," said Burwell. "In all during the tournament she raised her batting average 200 points in one weekend. She is now our top hitter, has the best on base percentage and best slugging percentage."

In their first game in Fort Worth against Texas Wesleyan, the Lady Miners were able to get some offense going, but unfortunately not enough. Texas took the early lead as in the first inning they were able to put two scores on the board, and the Lady Mines were held

scoreless. While Texas got started fast they would be held scoreless by the Lady Miners defense for two innings til they would score two more points in the fourth inning.

The first points for the Lady Miners would come in the fifth inning as Tori Atwood would get on base and would be advanced around the bases with the help of her teammates Darcy Rapp, Gina Daugherty and Kerri Bokath. The Lady Miners would then be held scoreless until the last inning of the game when they would make the extreme effort to make a comeback. In the final inning of the game the Lady Miners would bring in three runners, making it one of their best offensive innings of the season. In all Atwood, would come around the bases again, Daugherty would follow, and Rapp would be the final Lady Miner to touch home plate. While the last minute effort was good it was not good enough to beat Texas Wesleyan who had scored seven times in the game to leave the

see Softball, page 7

### Miner Match-up

#### Men's Baseball

UMR

vs.

Missouri Southern

Saturday, March 25

Rolla, Mo.

Game Time: noon

### Miner Match-up

#### Women's softball

UMR

vs.

Park

Monday, March 27

Rolla, Mo.

Game Time: 3 p.m.



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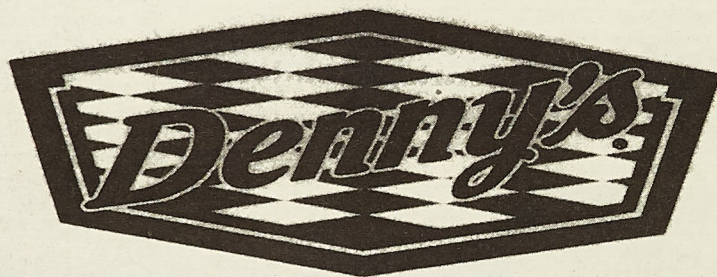
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## Davis Love III lost because Tiger finishes

Thomas Boswell

L.A. Times/Washington Post

Occasionally, someone on the PGA Tour has the momentary fantasy that, if everything goes just right and the gods conspire, it might actually be possible to beat Tiger Woods, head-to-head, on Sunday battling for the lead. They know the odds. The last 12 times Woods has been in the lead or tied for it going into the last round, he has won. But, still, they dream.

Davis Love III had that flight of fancy Sunday afternoon at the Bay Hill Invitational. Woods began the day in the lead, but he wasn't doing much with it, playing strategically for 11 holes. Was Tiger off his stick? Ten pars and one birdie? Mere humans can do that.

For years, Love has been one of the most daunted of Woods' foes. Late and close, if Tiger coughs, Davis faints. Tour Championship, Vegas playoff, World Match Play—doesn't matter. Love has a traditionalist's appreciation of greatness. How unfortunate for him. He knows Tiger's true place—a golf genius with the gifts of Nicklaus and the charisma of Palmer. And Love knows his own place—as the accomplished veteran who often comes up a bit shy.

Still, Love, coming off a course-record 63 Saturday, birdied the 10th and 11th holes. Could he shoot 30 again? Suddenly, Love was two shots behind with seven to play. "That was my chance," Love said. At the humongous 580-yard 12th hole, which he had eagled the day before, Love hit a mammoth 340-yard drive. "That was my best," said Love, still one of the sport's longest hitters. Take that, Tiger.

Fortunately for us, but not for those who make their living playing golf, Woods responds to such challenges

with a mixture of heightened focus and pure joy.

"Grinding ... and the fun of competition (rolled together)," he calls it. Woods' drive, with a tail wind, was one of those sports moments worth a 5 a.m. wake-up call, a canceled cross-country plane flight and a tornado delay to see. Or, at least, see for the first 350 yards until it disappears.

"I stepped on that one a little bit," said Woods. "It rode the wind. But it stuck (in the soft fairway) when it hit."

Oh, so that's why it only went 360 yards. Woods had airmailed Love's best 340-yard drive, which had included dozens of yards of roll.

"It's astounding... It really is amazing," Love said. "Not many hit it farther (than me). I haven't lost anything (with age). I hit it 40 yards past (other pros), and they say, 'This isn't fair.' That's how it is when I play with Tiger. On number four, he outdrove me by 50 yards."

What happened next on No. 12 was pure Tiger Effect. And it turned this tournament. Love decided that, to beat Woods, he had to do the impossible. On a 580-yard hole, with a three-iron, he tried to knock down the pin for a short eagle putt. "That's sometimes what Tiger makes you do," Love said. "You get behind and try to make miracle shots."

Love knocked his approach in the right bunker and merely made par. Tiger birdied. Davis, demoralized, bogeyed the next two holes. And Woods won again, waltzing to a four-shot win over Love with a week of 69-64-67-70-270 work. That's three wins and two seconds in six starts this season, plus four straight wins to end last season. And he now has a 13-for-13 streak for Closing The Show Sunday. Ed Fiori beat him his rookie year.

see Woods, page 7

## LOSE 20 POUNDS IN TWO WEEKS!

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During the non-snow off season the US Womens' Alpine Ski Team members used the "Ski Team" diet to lose 20 pounds in two weeks. That's right - 20 pounds in 14 days! The basis of the diet is chemical food action and was devised by a famous Colorado physician especially for the US Ski Team. Normal energy is maintained (very important) while reducing. You keep "full" - no starvation - because the diet is designed that way. It's a diet that is easy to follow whether you work, travel or stay at home. (For men too!)

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Send only \$8.95 - add .50 cents RUSH service to: MIDWEST ASSOCIATES, 3318 S. Glenstone, Suite 308, Springfield, MO 65804. Don't order unless you expect to lose 20 pounds in two weeks! Because that's what the Ski Tea Diet will do.

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## Softball

From page 5  
game at 7-4.

The following game against Oklahoma Panhandle State proved to be another tough one for the Lady Miners as they would be shutout by a score of 3-0, but the Lady Miners were not ready to give up.

The Lady Miners last chance for a win on Friday would be against the Southern Arkansas Riderettes. The game would get off to a slow start until the Lady Miners would blow the

game open with a fantastic offensive performance in the third inning. The scoring would get started as Atwood would double to drive in both Rapp and Michelle Grace to put the score at 2-1 in favor of the Lady Miners.

The Lady Miners offense was not done yet though. In the sixth inning they would come through to score two more runs, as both Bokath and Jennifer Triplet would touch home plate. The Lady Miner defense would then come through for the team as they would hold the Riderettes to just four runs leaving the score at 5-4 in favor

## The Missouri Miner

of the Lady Miners to give them their first win of the season.

On the following day the Lady Miners would come out strong against Missouri Southern. The offense would make their biggest mark in the sixth inning as Rapp would drive in both Sabrina Greenwell and Bokath, but the Lady Lions came through late in the eighth inning to break a tie that had stood for two innings. The final score for the game was 3-2 in favor of the Lady Lions.

The Lady Miners had their best game of the tournament against

Southwest Oklahoma. The Lady Miner pitching squad of Curry and Allison West would hold the Bulldogs to only one hit and the defense neutralized that one hit to leave the Bulldogs scoreless for the game. The final score of the game would give the Lady Miners their second win in a shutout of 4-0.

The last game of the tournament came the following day against Southwest Arkansas who they had beaten the first day of the tournament. Despite Daugherty hitting 4 for 4 for the game the Southwest Arkansas

defense held UMR to only 2 points while they went on to score three. The Lady Miners dropped the last game by the close score of 3-2.

The Lady Miners came away from the tournament with more confidence ready to go into their games next week. "The season got off to a rough start," said Grace, "but our games in Texas showed a lot of improvement. We're playing better as a team and hitting the ball more consistently. That's a good thing since conference games begin next week."

Page 7

## Woods

From page 6

Nobody else has. Someday, Ed Fiori might be a heck of a trivia question.

Once, Arnold Palmer, who created this event, dominated Julius Boros, Gene Littler and Billy Casper. Their role in life was to shake Arnold's hand on the 18th green. For 20 years, Jack Nicklaus made Tom Weiskopf, Lee Trevino and Ray Floyd wish they had been born in some other time. Now they all know how lucky they actually were. They could have been born in Tiger time.

"When Ernie Els has his 'A' game, he can shoot (18 under) like Tiger. Or I can. But we can't do it week after week.... Tiger's playing everybody's 'A' game every week," Love said. "Remember when he used to grade himself? He's about an A-minus (on the Tiger scale) every week and an A-plus some weeks."

General sports fans who don't follow exotic swing changes and profound adjustments of the left pinky at address, should know Woods is now a radically different--and better--golfer than he was three years ago. The swing and the man both have matured.

Woods could fill a book, and probably will, with the details. Suffice it to say he's "changed a lot. My bad shots aren't that bad now. They're not two fairways over. I'm in the first cut of rough." The only sacri-

fice has been less distance due to a more compact swing. Please, don't tell Davis. He's feeling low enough.

Just as important as his revamped swing, Woods has learned to manage his demeanor, as Palmer implored he a few years ago. "I've been trying to get better at maintaining my composure," said Woods. "Hit a bad one move on."

It's tempting to say, "Oh, Tiger won again." But don't. Just because Woods might play like this for the next 20 years, don't assume it. Everything from bad backs to the yips attack great golfers. One day, Ben Hogan couldn't pull the putter back without flinching and, without warning, Seve Ballesteros lost his swing. Palmer blew a U.S. Open, and his swagger was never the same.

All things considered, especially depth of competition, it's possible no one has played golf quite as well, or dominated the sport quite as completely, as Woods in the past year. Even Nicklaus in his prime tended to be cautious in his strategy because he knew his short game was flawed. Thanks to his greenside imagination, Woods now can play all styles, from hell-bent to hold-lead. In the last two rounds here, Woods missed 13 greens. And saved par every time.

"I'm peaking toward the Masters," he said. "Hopefully, there'll be signs next week that I'm playing better."

Better? Now that's scary.

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# Miner Sports Recap

## Men's Baseball

UMR 7

Lincoln 16

Sunday, March 12

Dave Coit 3 hits, 2 RBIs

UMR 6

Heidelberg College 10

Tuesday, March 14

Randy Root 2 run home run

## Women's Softball

UMR 0

Columbia College 1

Monday, March 13

Darcey Rapp 2 hits

UMR 0

Columbia College 8

Monday, March 13

Kerri Bokath 1 hit

## Track and Field

Pitt State/Wendy's Invitational

Thursday, March 16

Men's: 1. Heath Misak javelin, 166' 2"

1. Genesis Williams 200-m dash, 23:31

Women's: 2. Dion McNeal discus 128' 4" School Record

2. Nicole Schmidt 400-m dash 1:06.20

## Men's Tennis

UMR 4

Univ. of Missouri-St. Louis 5

Saturday, March 11

Singles: #1: Miguel Lopez lost to Pablo Mayorga, 6-4, 6-2

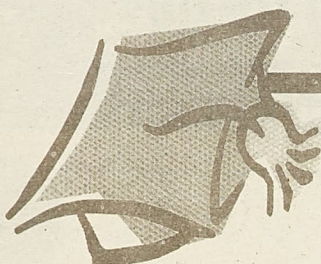
#2: Mike McCoy lost to Cameron MacDonald, 6-2, 6-2

#3: Steve Posch lost to Josh Evans 6-3, 3-6 (8-1 tiebreaker)

Doubles: #1: Lopez/McCoy lost to Mayorga/Mark Conner, 8-1

#2: Posch/Owens lost to Evans/MacDonald, 8-1

#3: Gordon/Lynch lost to Jens Thiede/Amand Torres, 8-6



## GRADUATES

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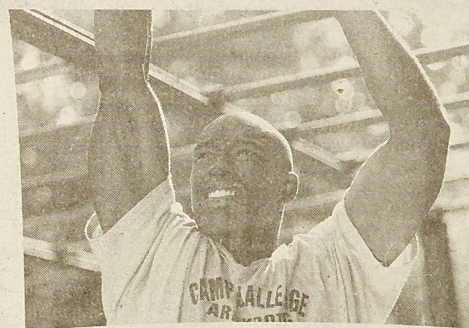
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December 99 winners were MgtSy grad, Steve Hodson (above with COC Director Jamie Archer) and Jeff Krause, Met.



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# St. Pat's 2000

St. Pat's 1



photo by Allan Annaert

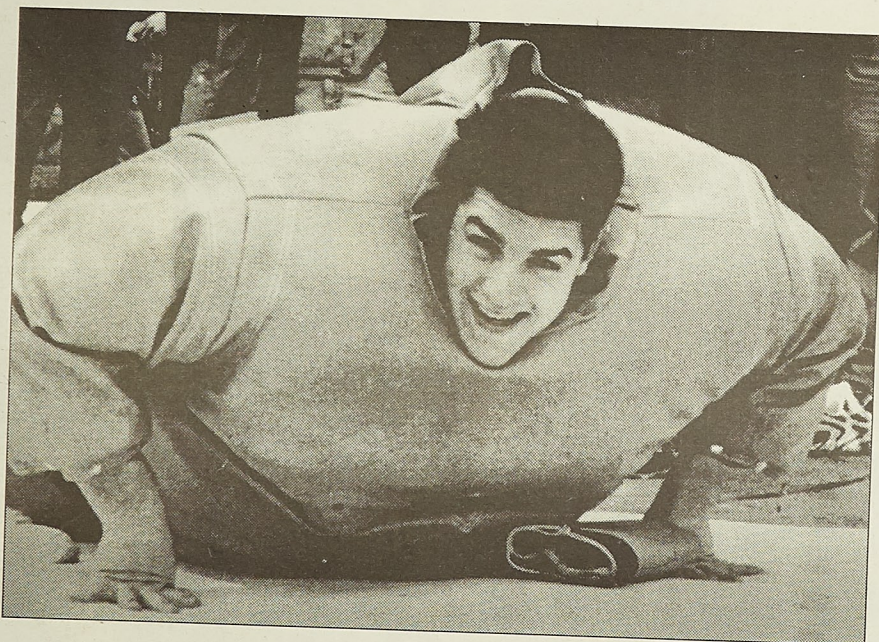


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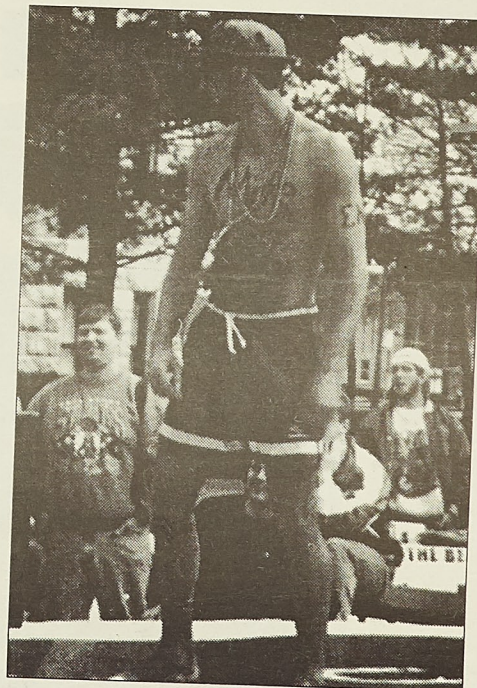


photo by Allan Annaert





# *St. Pat's 2000*

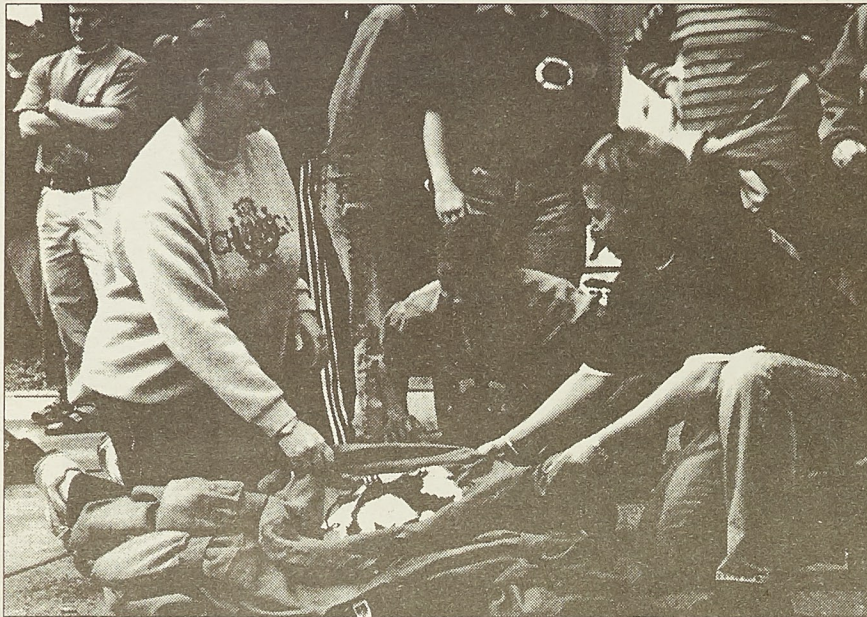


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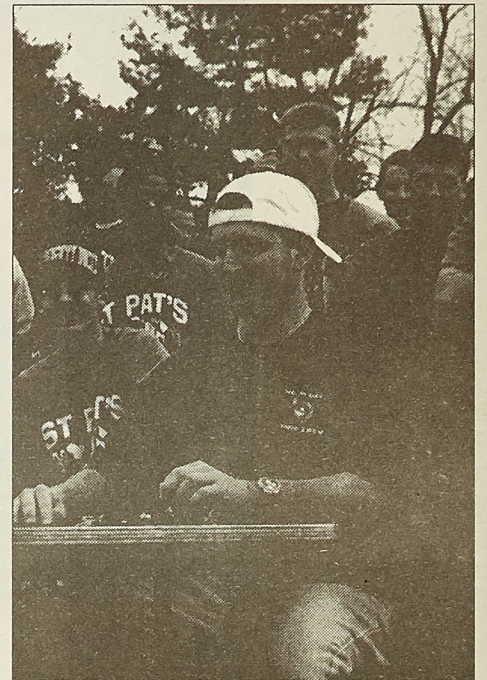


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photo by Gretchen Gawer





# St. Pat's 2000

St. Pat's 3



photo by Gretchen Gawer



photo by Gretchen Gawer

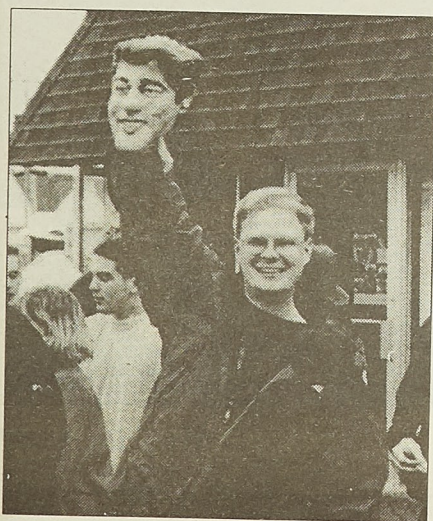


photo by Jon Erdman



photo by Jon Erdman



# St. Pat's 2000



photo by Jon Erdman



photo by Jon Erdman

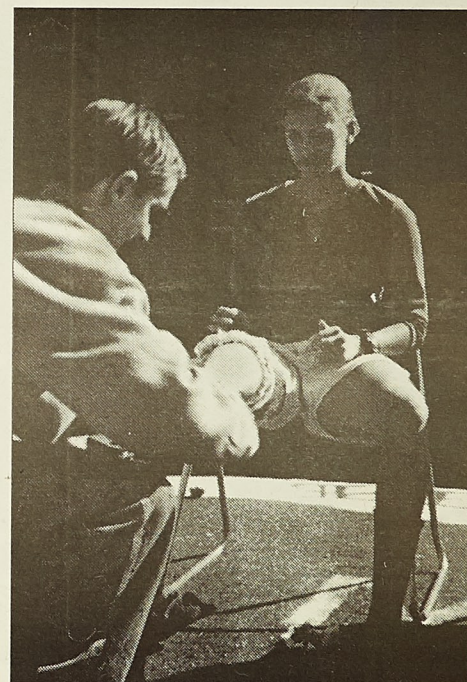


photo by Allan Annaert





# Features

March 22, 2000

The Missouri Miner

Page 9

## Commentary:

# St. Pat's bellows out Best Ever 2000



Faye D'Alessandro, Liz Copley and Christopher "Trucker" Robbins compete for the Quad-range Hall Association in the contest to shove the most sweatshirts on a person in a minute last Tuesday.

photo by Gretchen Gawer

## Commentary:

# UMR needs to fix its attitude

Evan Rau

## Commentary Writer

As I walk around campus, I notice that there are no displays of art, no examples of student creativity, nothing but canned knowledge. In fact, there are not even any signs of original thought whatsoever except for an occasional guitar player under a tree. I know you, as the reader, are thinking that every class requires thought, but I don't agree with this sentiment. So far, classes have been based upon memorization of facts, theorems, or processes. Nothing is attributed to personal invention and everything aside from that which has been taught in the past is determined to be false, useless, or blasphemous.

Classes are not thought provoking but are mind numbing. I could count on one hand the number of times per week that I encounter a real discussion in the classroom. I understand that the staples of engineering are math and science and that there are boundaries involved, but without expression of one's creativity and intellect, progress is unachievable.

Look back in history and examine the great people that have lead the way in discovering new and better ways of doing things. They didn't improve another design or method. They created whole new ways of doing and creating things. This brand of redesigning needs to be initiated here at the University of Missouri-Rolla.

One of the major problems at UMR right now is the student attitude toward learning in general. I am of the opinion that far too many students here consider this education as something they are going to have to sit through before they can make big money. It is simply a chore that needs to be done before they can go out and play. Education was initially started because people wanted to learn more, not because they had to. It is as though engineering students are unable to recognize and accept this, and refuse to allow learning to be fun or stimulating. It is not the students' fault, you say? Maybe you are right.

UMR is trying to reverse the negative enrollment trend and cannot unravel the mystery about why

nobody wants to go here. Perhaps current students do, in fact, talk to people outside UMR and that is where the problem lies. Bad reviews do not typically increase ticket sales at the box office, so why does it come as a surprise that prospective students who have heard a lot about UMR and up going somewhere else? I blame my own enrollment on ignorance.

Someone who complains about something but never does anything about it will always be unsatisfied. Someone who complains yet strives to correct the problem, accomplishes so much more. For this reason, I encourage everyone to voice your opinions on issues that affect your life here at UMR. Take advantage of our student government and offer helpful and intelligent suggestions to instructors. We are always told to ask a question when in doubt, because there are probably others in the classroom who are unclear on the same thing but are unwilling to ask. Why, in this context, is a question any dif-

see Improvement, page 10

*In a combination of frenzy and fun, parties and participation, St. Patrick's Celebration at UMR presented students with an all-around good time for all*

Chad Cole

## Commentary Writer

Another St. Patrick's day has come and gone in the town of Rolla, visiting its one claim to fame upon the University of Missouri at Rolla. Now, in the aftermath, as the smell of stale beer permeates the air, the green streets of Rolla, appear a lonely, depressive scene. Even the weather seems hung over on this gloomy Sunday morning after, a thick fog has enveloped the whole town, reinforcing the hung-over feeling that many of the town's occupants share in common. The UMR Saint Patrick's day hedonism has left its mark upon the student body once again.

It seems like only a moment ago it was Wednesday and I was driving along Highway 63, staring at a beautiful rainbow, which was sprawled out across a sunny backdrop of pillowy clouds. This picture struck me as a perfect prophecy of the next few days' Saint Patrick's fun.

By some unimaginable miracle, the skies were clear and the weather outstanding for the main portion of our UMR St. Pat's festivities. Although the notorious Missouri weather gave us a couple of lousy days mixed in with the good, overall it was pretty nice. The Follies, a sort of opening games to whet the appetite for Pat's, were held Monday, Tuesday and Wednesday afternoons at the Puck. A few notable competitive events were sumo wrestling, greenest person, who could put on the most sweatshirts in a minute and a bucket race. The sumo wrestling event was an entertaining sight, with a giant costume that made the participants look like oversized Stay-Puff Marshmallow men in diapers.

Gonzo and Games was an entertaining intermission from a lot of student's drinking schedule on the Thursday and Friday afternoons of last week. These games took place inside the gym of the Gail-Bullman Multipurpose building due to the unfavorable weather that struck Thursday morning. The Games chairman, Thomas Costello was seen busily running back and forth from the many events throughout the day. A live band played Friday afternoon, and an assortment of loud music was DJ'ed during the rest of Gonzo. A few of the events at the games were volleyball, horseshoes, wheel-barrow race, bat race,

pillow fighting, and an obstacle course. There were two really nice cudgels, or intricately crafted gigantic shillelaghs, on display for all to marvel at. The two cudgels were entered by Alpha Epsilon Pi and Phi Kappa Theta fraternities. The winner of the cudgel competition went to Phi Kappa Theta. The fraternities and sororities competed together in all events, with the co-ed pillow fighting being especially fun to watch.

The St. Pat's Queen of Love and Beauty was decided upon by a panel of St. Pat's committee alumni and court members. The candidates were asked all sorts of questions by their interviewers and according to one of those interviewers, Jasyn Randazzo, the ones most likely to win the crown were said to be outgoing and well known by the St. Pat's members. The winner was announced at Coronation, which was held Friday night at nine o'clock. The lucky Ms. Love and Beauty was Stacy Heather, representing Delta Omicron Lambda.

Stacy was surprised by being crowned queen and said, "It was completely unexpected! The interviews were long, but everyone was nice and respectful. I liked meeting some of the old alumni. I really enjoyed it all."

From a freshmen's point of view, this Saint Pat's celebration was a huge success. Ed Bosanquet felt the time he put in for St. Pat's as a baby rep was worth it. "It certainly taught me a lot about how to work hard and stay on top of stuff. Time management was key. There is also a great brotherhood in the bond of St. Pat's. We put on the best party in Missouri. The thought of how much work we put into the St. Pat's week kind of hit me during Coronation, when we were standing there looking at all of the decorations we had made, and knowing that just ten days ago the gym looked like a regular gymnasium."

A rough looking Saint Pat's court member Masterguard named Jason Skinner was cornered for some of his comments in general about the year 2000 St. Pat's fun, "We (the court members) have invested a whole lot of our time for the benefit of UMR students, and this week really makes it worth it for us. To be on court for this week is what all of our previous hard work was for. I feel like a king now for this week. Yes, it

see Best Ever, page 10



## Chad Cole's Culinary Corner: Blissful breakfast brings about the best days

**Chad Cole**  
**Culinary Columnist**

There is something that really gets ignored in the modern hectic college lifestyle and this something is very dear to me. I'm talking about one of my favorite meals of the day - breakfast. Yes, this meal is largely left out of most college student's schedules. This nasty habit can continue later into adult life, and before you know it, breakfast will be a completely forgotten ritual that is only enjoyed on occasional sick days and major holidays. This careless attitude towards such an important meal needs to come to a halt NOW. I eat a lot of meals throughout the day, but breakfast is always first. It is the key to getting the day off to a good start.

I hear excuses all the time about why breakfast is left out of the day's agenda. Here are some of my quick answers for stupid excuses:

"I don't have time for breakfast." - Quit playing video games and watching television all of the time and wake up fifteen minutes earlier to fix yourself some breakfast! Besides, it's better to eat a good breakfast and be a few minutes late to class than it is to get to class on time and suffer from an empty stomach. Seriously, this philosophy has done wonders for my G.P.A.

"I don't like any breakfast foods." - What?! You like food don't you? Well, any food is breakfast food. If your finicky taste buds won't tolerate cereal or muffins, fix yourself a freakin' cheeseburger!

"I can't afford breakfast." - This one is monumentally asinine. If your broke butt cannot afford breakfast, then most likely you cannot afford lunch and so on. If you're making this excuse, then obviously you are not dead, so somehow you find some scraps to survive on. Now work some

of those into breakfast.

"I always forget about breakfast." - Write it down on your daily planner, then.

Please don't use one of these stupid excuses. Breaking your fast in the morning is sure to lead into a day of high productivity and accomplishment. Without that initial boost of food and energy, those morning classes are worthless. Really, any kind of food will do. Just grab a few pieces of toast on the run if nothing better presents itself.

Breakfast need not be boring. There was a time when I really didn't much look forward to breakfast either. Back in grade school, I think

there was about a five year period when I ate pop tarts for breakfast pretty much every day. Now there are not too many foods that I don't like, but you sure won't see me diving for any pop tarts. I ate enough of those for at least two lifetimes. If what you normally eat for breakfast is getting old, then just find a tastier alternative.

Take a few minutes to cook some bacon and eggs. Fry up some pancakes.

I'm sure all of you can remember a time waking up to the smell of some of your mom's or grandma's best breakfast cooking. That wonderful smell that seems to permeate the whole house and tickles your nose into a sweet release from some deep dreams: Well, you may not have anybody around to cook for you during college, but that doesn't mean you can't take the initiative and fry up some stuff yourself. Such a small time commitment for a reward as great as a home cooked breakfast seems trivial to me. Tomorrow is the day to make the change. No time is better than the next morning. Please go now and begin your days in a brighter and healthier way. Eat a good breakfast.

administration, your student government, talk to professors and make some changes around here. Do not simply admit defeat and figure, "that's just the way it is." Let me put this in typical UMR terms. Everyone on campus is part of a lever. Right now, most of us are sitting on the fulcrum, contributing nothing to either side. The more people that get together on one side the more work that lever can do. I believe we need to get some work done.

## Improvement

From page 9

ferent than a suggestion? There are probably others in the class who would agree wholeheartedly with the notion and it may make the class a whole lot better for everyone.

With this article, I hope to stir some people up a bit. I want for people to stop being unhappy, frustrated, and disappointed. Email the

## Fashion:

### The prettiest GIRL at Thomas Jefferson?

**Abere Karibi-Ikiriko**

**Fashion Columnist**

With all the homework to do and tests to study for, students don't have time to worry about what to wear. For most students, anything would do. However, I searched the campus to bring you this week's campus fashion.

Scarlet (Bart) Cardetti flashes a smile after he receives his...sorry her crown as the 2000 Miss TJ. Miss TJ is a drag queen contest held every year at Thomas Jefferson Hall. Scarlet was ready for this event. She modeled several snazzy outfits including this long black evening dress. This dress is layered with a solid black gown underneath a sheer see through over-dress. Behind him is Danielle (Daniel) Davis who is wearing a beautiful long blue ball room gown that is bound to turn heads. Danielle was second runner up for Miss TJ.

#### Fashion advice for girls:

What's your style in shoes? Here are some tips for your personal style. *Casual:* Nothing beats a comfy pair of slides for running around town and campus. Choose a pair with hefty soles and a wide strap for ultimate comfort. *Funky:* Pair a sleek pantsuit with a great pair of chunky loafers or high-heeled boots. Stay away from classic pumps or little slippers...too ladylike. *Professional:* If you have a professional job on campus, very high, spiky heels are not practical for most offices. Medium heels and sleek loafers paired with trouser socks however, can look very modern.

## Humor:

### Chancellor John Shaft to choose next Chancellor

**Marmaduke Gump**

**Humor Columnist**

In a stunning news release over the weekend, present University of Missouri-Rolla Chancellor John Shaft announced the dissolving of the Chancellor Search committee. In its stead, a committee consisting of "all current Chancellors of UMR" will be convened to elect Shaft's replacement.

The decision handed down from the Chancellor's office outlined who is eligible to be on the newly formed board. Said Shaft, "I been here a long-[butto] time, and quite frankly, I'm the only cat cool enough to be pickin' my replacement. Those girly students and funkless professors are jivin' you if they tell you they should be on the committee. Can you dig it?"

No funkless professors could be reached for comment about the decision, but lots of gurlies wanted to speak their mind in interview.

"Hey! I thought we were gonna vote on this? That isn't in 'Roberto's Rules,' whined one student questioned on campus. "How come Chancellor Shaft thinks he's so cool? Is it just because he's got that small personal army and ammo dump back of his house, huh?"

Current Chancellor John W. Shaft was inaugurated in 1973 after serving 10 years as a private detective. Since then, he has expanded the number of degree programs on campus, helped increase diversity, and ran the mob out of Rolla with the help of Lieutenant "Vic," now the Dean of the School of Cool.

Vic spoke concerning whom might become Shaft's



**Bart Cardetti receives his crown as Scarlet Cardetti.**  
photo by Abere Karibi-Ikiriko

#### Fashion advice for guys:

*The 2-Pattern Rule For Men:* Men should take care not to allow more than two patterns in the visual field while dressing. This means that if you have a solid suit, you can have a patterned tie and shirt. If you have a patterned shirt, you have either a solid shirt or a solid tie. If both your suit and shirt are patterned or pin-striped, you should wear a solid tie. This rule can be broken by wearing patterns that are of differing proportions. If you're wearing a gray pin-stripe, your shirt can also be striped as long as the width of the shirt's stripes vary from those of the suits. You can also get away with a patterned tie, shirt and suit if all are in the same color family.

replacement. "Right on, baby! Johnny P's gotta lot of cats he's been eyein' for a while. Course, he wouldn't say nothin' 'bout it since he's too cool for that. You just leave it up to Shaft, and he won't hurt you none. He don't hafta mess with all this "committee" this and "student representation" that crap—he'll just make you feel all good."

Chancellor Shaft agreed to a short interview with us. In it, he revealed his plans after retiring from his office.

"I think I'll go back to the neighborhood, where I grew up. I hear they're still havin' trouble with Bumpy's gang. Maybe me and Vic can show how righteous we still are. I'll just be like 'up yours, baby' and kick their butts just like in '71."

When asked about his replacement, he replied, "I'm thinkin' of askin' Vic, but I know he won't take it. Maybe that Herbert Kornfeld punk down in Accounts Receivable. He's a tough, but got some soul in him. He'd set this campus straight, no [shoot]."

As we interviewed Shaft, he took a big drag on his smoke, got up and started walking out of the room. When question where he was going, Shaft tersely replied, "I'm goin' to get laid, where da [heck] you goin'?" And he did.

*The preceding article contained childish stupidity and should not have been read by those five years of age and older. The author claims no responsibility for accidental death, spontaneous combustion, fried tomatoes, or the heartbreak of psoriasis brought on by this piece of literary buffoonery. Reader dis-*

## Best Ever

From page 9

was definitely worth it."

The town's big parade started at 11 a.m. on Saturday and lasted about half an hour. The weather was a depressing cold and rainy drizzle, but the streets were still traditionally painted as green as ever. Even with the unfavorable weather, there was still a hefty turnout for the parade, with a plethora of St. Pat's committee alumni jackets occupying the green streets. The parade showed off all of the floats that were created by the fraternities and sororities on campus and a number of Rolla organizations as well. The parade included many

respected St. Pat's personages, from last year's Queen of Love and Beauty to the most honored of St. Pat's Knights and alumni. A herd of dedicated freshman brought up the rear of the parade carrying the shillelaghs and walking sticks that were lugged around campus during the previous week's snake invasion. The town's bars were incredibly busy for a Saturday morning and afternoon.

The final standings in the year 2000 Saint Patrick's week competition are as follows. For the fraternities, first place overall goes to Alpha Epsilon Pi. Second and third places, respectively, are Phi Kappa Theta and Lambda Chi Alpha. For the sororities, the first place trophy was won by Kappa Delta. Chi Omega took second and Zeta Tau Alpha placed third.



# Student Life

March 22, 2000

The Missouri Miner

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## Leadership Lessons:

### AROTC vs. Snow

Phillip Ballard

Army ROTC

The weekend before St. Pat's, Army ROTC cadets went to Fort Leonard Wood, Mo., for training. The training was to consist of weapons qualification with the M-16A2 rifle and day and night land navigation. At least, that was what was intended as training. Instead, the weekend became an exercise in cold-weather survival and decision making.

Friday night, Army ROTC cadets packed up and left for Fort Wood. They set up their tents, had a couple classes, and went to bed. Around 2330, or 11:30 p.m., it started to snow, lightly at first, then proceeding to get heavier as time passed. At one point, we were covered in snow from head to toe within 30 seconds of leaving our tent.

When the cadets woke up Saturday morning, there was approximately five to six inches of snow on the ground. Everything was covered with a thick blanket of snow. Several of the tents collapsed under the weight of the snow. They huddled in the big tent waiting to leave for the rifle range. As they were waiting, Range Control called up saying that the ranges wouldn't open until the roads were

clear and expected that by noon which is about five hours behind schedule.

Upon hearing this, the leadership had some decisions to make. Do we wait for the ranges? What do we do until then? Do we do land navigation in the snow covered hills and valleys? Do we pack it up and go home? After some discussion of options, it was decided that training in this environment would not be worthwhile. People don't tend to learn much when they are thinking how cold they are, how wet they are and how tired they are.

The main training received wasn't for the younger cadets. The older cadets there, the cadet officers received the most training on leadership. They and the cadre had spent many weeks planning this training exercise. They saw how the cadre responded to the sudden change in conditions, the options they had and the decision making process. The process was the real training that Army ROTC provides.

If you are interested in learning more about the training that Army ROTC can provide for you and to learn how it will make you a more valuable employee to a company, contact LTC James Stone at [jstone@umr.edu](mailto:jstone@umr.edu) or go to the third floor of Harris Hall and talk to him.

This week, the University of Missouri-Rolla Film series will present: *The Dream Life of Angels*, starring Elodie Bouchez and Natacha Regnier and directed by Erick Zonca.



### Winter Film Series presents

On the surface, *The Dream Life of Angels* is the story of two young women of contrasting temperament who form a tenuous bond of friendship, then have it break as their interests take them in different directions. Beneath the surface, where its strong heart beats, are illuminating tales of survival and surrender in a world that is either an oyster or a snakepit, depending on whose point of view we're seeing it from. For Isa, an outgoing 21-year-old vagabond, life is hard but full of pleasures, if you're open to them. For the moody, withdrawn Marie, it's bleak and full of nothing much at all. The actresses, Bouchez and Regnier, shared the Best Actress prize at last year's Cannes Film Festival. In French with English subtitles. France R-1999.

The movie will be shown in Leach Theatre of Castleman Hall Tuesday, April 4, at 7 p.m.

### Five steps for a safe spring break

Melissa Finocchio

UMR TECHS

"Don't take candy from strangers" is probably something your parents told you, but did they ever warn you about binge drinking or GHB? With spring break approaching and parties imminent, here are five tips for staying safe.

1. If you consume alcohol, do so responsibly. Binge drinking (more than five drinks in one sitting for men, four for women) can lead to serious health problems including alcohol poisoning and death. Limit the number of drinks per sitting and make sure that you eat before or while drinking. Always have a sober driver! It can help you avoid nasty accidents or legal problems.

2. Watch your drink. Never drink from open "punch" bowls or drinks that someone hands you. Open your own cans and watch the bartender mix your drink. Do not leave your glass or can sitting around. Keep one hand over the top of it if you are very distracted by other people and music. It is easy for someone to slip GHB or

"roofies" into a drink. These colorless, tasteless pills are also known as "date rape" drugs. They cause memory loss and can cause death.

3. Protect your skin. Wear sunscreen whenever you go outside, whether you are lying on the beach or hanging out on the slopes. Sun can cause premature aging and wrinkles as well as skin cancer.

4. Protect the REST of your skin. If you are going to be sexually active, use a condom for every sexual act. Remember that any vaginal, oral, or anal sex act can put you at risk. Student Health offers free condoms to students.

5. Always pay attention to your surroundings. Never drink or do anything that will impair your judgement in a situation where you are not comfortable. If you have to leave quickly or defend yourself against unwanted advances, you will be glad that you did. Watch out for your friends and make sure that they watch out for you too. Friends can make the difference between a good party and the last party.

UMR TECHS wish you a safe and enjoyable spring break.

### Spend some time on work over break, save trouble later

Bevin Raines

WAC

Before you commit yourself to partying the whole week of spring break, take a look at your schedule of final exams and due dates of projects and papers. If you are like most students, you'll find that most assignments and papers fall toward the end of the semester. Even though over half of the semester has been completed, the majority of the semester's work has not even begun.

The month of March will soon pass, and the short month of April and one week of May will be the

only time left for completing the majority of the semester's work. If you are starting to panic, don't worry. Spring break is the solution for taking control of the rest of the semester's work.

Spring break is a great opportunity for researching, reading, writing and finishing term projects. The more you get done, the less you will have to do later. Finals week can become a whole lot simpler. You don't have to spend every day of spring break working to get a lot done. The amount of time allotted to working should depend on your estimated workload of April and May.

Even if you are leaving town, you can still get work done over spring break. Take your work with you. Assigned reading can easily be completed during plane rides and layovers at airports. If you are visiting your parents and they tend to keep you from working, then let them know that you need to make some progress on your term projects.

You don't have to choose between working or playing over spring break. You can choose both. If you choose to mostly work, then enjoy the sweetness of completing the semester's big assignments.

### Excel Leadership Series holds Spring Banquet

Tim Albers

Excel

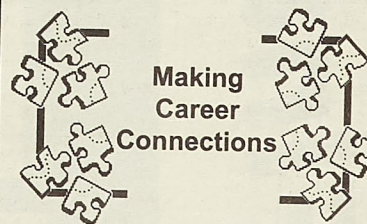
The Excel Professional Leadership Series Spring Banquet will be held on April 6 at Zeno's. The series is sponsored by the Excel Leadership Academy and the UMR Corporate Development Council. Student guests who attend the EPLS banquet will have the chance to interact and talk with prospective employers to learn first-hand about leadership skills and needs in today's engineering and scientific workplaces.

This semester's banquet will showcase Excel while giving students an opportunity to meet with a number of UMR students' top corporate employers. The theme is "Best of the Best: Today's Leaders Meet Tomorrow's Hopes." Following dinner, four Excel Leadership Academy alumni will provide a panel discussion to assist students in their career endeavors by sharing information about what has helped them succeed and also what has not helped them succeed in the workplace. They will also respond to questions regarding the job seeking process and their experiences as new employees as well as providing tips for getting the most out of the UMR undergraduate experience. Among all these topics, leadership will be the main focus.

For more information contact the Excel Center in HSS G-7, or phone 341-4863.

### Gateway to Careers Job Fair

Thursday, March 30, 2000  
9 a.m. - 3 p.m.



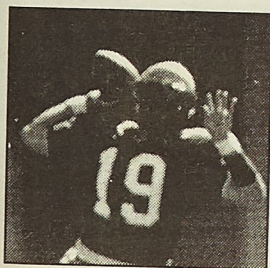
Register at your Career Center  
\$5 Pre-Registration by March 23  
\$10 Registration at the Door

Held on the campus of  
University of Missouri-St. Louis  
Mark Twain Building

Sponsored by Gateway Placement Association

### DO YOU LIKE SPORTS ?!?

The *Missouri Miner* is searching for sports writers! If you are interested, please e-mail us at [miner@umr.edu](mailto:miner@umr.edu).





# Final Exam Schedule

The final examination period will begin Monday, May 8, 2000 at 8:00 a.m. and end at 6:00 p.m. Friday, May 12, 2000. Common finals are scheduled for those courses listed in Section II below. Room assignments for common finals will be announced by the instructors. **The courses not covered in Sections I, II, and III are to be arranged by the instructor in cooperation with the students in that course.**

I. **Evening Course Finals** are scheduled for the evening session during the final week. Evening courses are those course beginning after 5:30 pm. Evening finals begin at 7:00 pm.

II. **Common Finals** include All Sections of a course.

B Eng 50	Tuesday	8:00-10:00
B Eng 110	Thursday	8:00-10:00
B Eng 140, 150	Tuesday	1:30-3:30
Bio 110	Wednesday	1:30-3:30
CE 233	Thursday	8:00-10:00
CE 245	Tuesday	1:30-3:30
CE 299	Tuesday	8:00-10:00
EE 151	Monday	8:00-10:00
EE 153	Thursday	8:00-10:00
EM 160	Monday	8:00-10:00
Hist 112, 175, 176	Monday	8:00-10:00
Math 8	Tuesday	8:00-10:00
Math 21, 22	Thursday	8:00-10:00
Math 204	Wednesday	1:30-3:30
Math 208	Tuesday	8:00-10:00
ME 208	Thursday	8:00-10:00
ME 211	Wednesday	8:00-10:00
ME 213	Monday	8:00-10:00
ME 240, 242	Wednesday	1:30-3:30
ME 279	Wednesday	8:00-10:00
ME 280	Monday	8:00-10:00
Phys 23, 24	Wednesday	8:00-10:00
Poly Sci 90	Monday	8:00-10:00

III. **Regular Finals**

## First Weekly Class Meeting

Monday	7:30
Monday	8:30
Monday	9:30
Monday	10:30
Monday	11:30
Monday	12:30
Monday	1:30
Monday	2:30
Tuesday	8:05 or 8:30
Tuesday	9:30
Tuesday	10:30
Tuesday	11:05 or 11:30
Tuesday	12:30
Tuesday	1:30 or 2:05

## Final Exam Time

Friday	4:00-6:00
Wednesday	10:30-12:30
Thursday	10:30-12:30
Tuesday	10:30-12:30
Monday	1:30-3:30
Monday	4:00-6:00
Tuesday	4:00-6:00
Friday	1:30-3:30
Monday	10:30-12:30
Friday	10:30-12:30
Friday	8:00-10:00
Thursday	1:30-3:30
Thursday	4:00-6:00
Wednesday	4:00-6:00

According to the Student Academic Regulations all requests to change the final schedule because of conflicts or having three or more examinations scheduled in one day "are to be made in the Registrar's Office at least one week before the beginning of the final examination week" (Friday, April 29).



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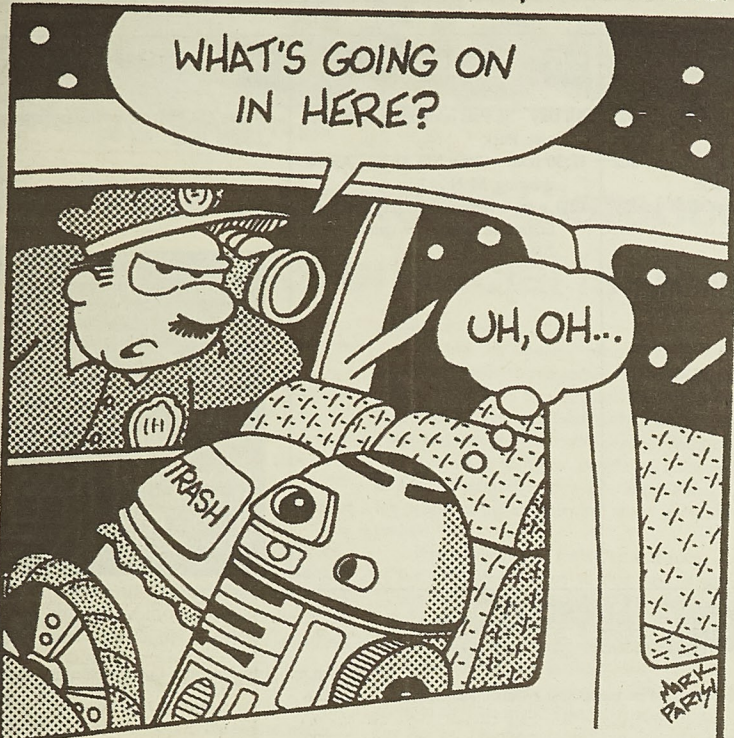


**Answers  
on  
page  
15...**



## off the mark

by Mark Parisi



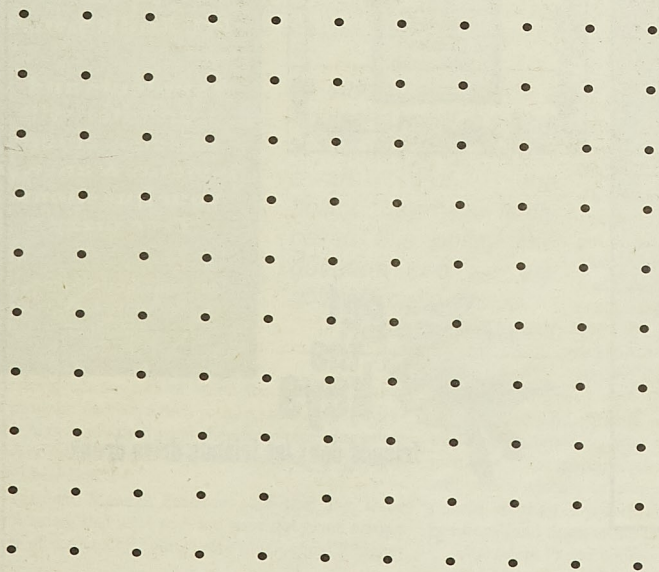
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## The Dot Game

**Instructions:** Players take turns connecting two dots (horizontally or vertically only). If a person completes a box, he puts his initials in it. The player with the most boxes with his initials in it when all the boxes are completed, wins.



R	E	H		E	C	A	T		E	W
O	O	C		O	G	R	N		L	O
D				A	B	O	A		P	L
		T		G	R	T		M		
R	E	S		N	C	A	N		T	E
E	A	S		N	A	W		R	E	S
O		L		U	F	R	E		M	I
N		A		B	A	T	O		R	E
E		D		E	R	M		T	S	C
		L		P	E	R		O	P	
A		L		O	P	U		C	A	R
A		E		M	A	E		A	D	P
T		A		M	T	U		A	L	P
		S		U	N	O		B	E	A

## Answers to the Crossword Puzzle

(Puzzle on page 14)



# Calendar of Events

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The Missouri Miner

March 22, 2000

22 Today	23 Thursday	24 Friday	25 Saturday	26 Sunday
<p><b>All Day</b> - St. Pats committee sweatshirt sales, Puck</p> <p><b>8:00 a.m.</b> - African Student Assn. Gaila Night ticket sales, Puck</p> <p><b>5:30 p.m.</b> - Blue Key weekly meeting, ME 216</p> <p><b>6:00 p.m.</b> - Eta Kappa Nu meeting, EE G31</p> <p><b>6:00 p.m.</b> - MSM Spelunkers Club meeting, McN 204</p> <p><b>6:20 p.m.</b> - American Concrete Institute society meeting, CE 117</p> <p><b>7:00 p.m.</b> - American Institute of Chemical Engineers meeting, ChE G3</p> <p><b>7:00 p.m.</b> - Amateur Radio Club meetings and office hours, EE G29, 30</p> <p><b>7:30 p.m.</b> - History Club meeting, HSS 204</p>	<p><b>All Day</b> - St. Pats committee sweatshirt sales, Puck</p> <p><b>8:00 a.m.</b> - African Student Assn. Gaila Night ticket sales, Puck</p> <p><b>5:00 p.m.</b> - Christian Campus Fellowship bible study, EE G31</p> <p><b>6:00 p.m.</b> - Intercollegiate Knights meeting, McN 210</p> <p><b>6:00 p.m.</b> - UMR Toastmasters meeting, CSF 109</p> <p><b>7:00 p.m.</b> - Solar Car Team meetings, BE 202</p> <p><b>7:30 p.m.</b> - Association of Black Students poetry reading, Gallery, UCE</p> <p><b>7:30 p.m.</b> - Association of Computing Machinery meeting with speaker, CS 209A</p> <p><b>7:45 p.m.</b> - St. Pats weekly meeting, ME Annex 107C</p>	<p><b>All Day</b> - St. Pats committee sweatshirt sales, Puck</p> <p><b>8:00 a.m.</b> - African Student Assn. Gaila Night ticket sales, Puck</p> <p><b>3:00 p.m.</b> - Trap &amp; Skeet Club weekly meeting, UCE</p>	<p><b>All Day</b> - St. Pats committee sweatshirt sales, Puck</p> <p><b>12:30 p.m.</b> - Show Me Anime, Anime showing, McN 212</p> <p><b>1:00 p.m.</b> - National Society of Black Engineers tutorial program, McN 204</p>	<p><b>All Day</b> - St. Pats committee sweatshirt sales, Puck</p>
<p><b>27 Monday</b></p> <p><b>All Day</b> - St. Pats committee sweatshirt sales, Puck</p> <p><b>7:00 a.m.</b> - Christian Campus Fellowship prayer meeting, Sunrise room, UCE</p>	<p><b>6:00 p.m.</b> - UMR Independents officer meeting, Walnut room, UCW</p>	<p><b>28 Tuesday</b></p> <p><b>All Day</b> - St. Pats committee sweatshirt sales, Puck</p>	<p><b>5:30 p.m.</b> - Interfraternity Council meeting, McN 216</p>	<p><b>All organizational meeting times and places are provided by the Student Activity Center, 218 UCW. Please send all changes to the aforementioned office.</b></p> <p><b>SPORT CODES:</b> FB-Football, MS-Men's Soccer, WS-Women's Soccer, MB-Men's Basketball, WB-Women's Basketball, SW-Swimming, BB-Baseball.</p>

## MAJORS:

- Mining Engineering
- Metallurgical Engineering
- Minerals Engineering
- Mechanical Engineering
- Electrical Engineering
- Civil Engineering
- Geology

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Right  
on Harmony,  
1/2 mile to  
16425 on Left

Find out all  
about co-op

Wed.  
March 22

Co-op  
Panel

5 p.m.  
ME Auditorium

4 students and a  
recruiter will  
discuss co-op  
benefits & answer  
your questions.  
Free pizza.

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Cooperative Education  
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friends don't let friends drive drunk