



30 Sep 1992

## The Missouri Miner, September 30, 1992

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# Missouri Miner



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

September 30, 1992

Volume 81, Number 6

Twenty-Four pages

## Library provides free demonstrations on FirstSearch

### Library SOURCE

OCLC (the online Computer Library Center) has offered the Library a second opportunity to take part in a two-month demonstration of FirstSearch. Until October 31, faculty, students and staff are invited and encouraged to try this new service. It's free and no special training is needed.

*Until October 31, faculty, students and staff are invited and encouraged to try this new service.*

What is FirstSearch and what can it do for you? FirstSearch provides:

- online access to WorldCat, the world's largest database of bibliographic information, compiled from 15,000 libraries worldwide. WorldCat includes over 26 million titles with indications showing which libraries own the title.

- online access to current databases in a wide variety of subjects

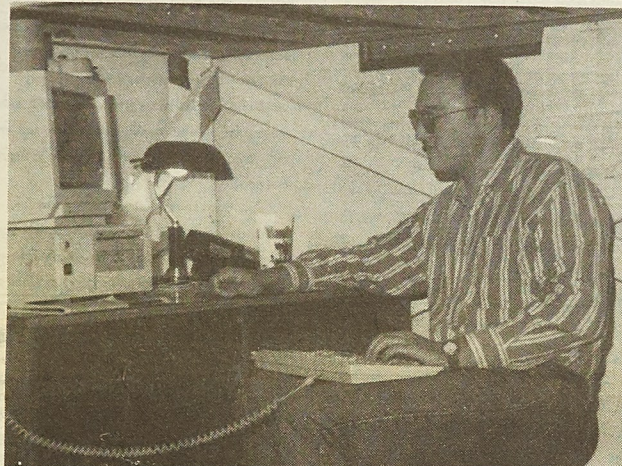
- frequently updated files providing the most current information

- easy-to-follow menu searching so you don't have to be an expert to use it

In addition to WorldCat, the following databases will be available

during the demonstration period:

- ERIC (education)
- GPO Monthly Catalog (U.S. government documents)
- Biography Index
- Readers' Guide to Periodicals
- Wilson Business Abstracts



Jason Hanson

Scott Drum, a student at the University of Missouri-Rolla makes use of the library's new service called FirstSearch.

- Business Periodicals Index
- Humanities Index
- Consumer Index
- FactSearch (facts and statistics)
- MiniGeoRef (geology)
- PAIS (public affairs)

Many other databases are available on FirstSearch but are not included in this free trail.

You may search FirstSearch via the Internet from points outside the Library or via dial-up from a designated terminal in the Library.

*FirstSearch will offer you a glimpse of your information future...*

Using the Internet to access FirstSearch:

1. Connect to the Internet using standard campus procedures
2. Type telnet 132.174.100.2

or  
telnet epic.prod.oclc.org  
and press <Enter>.

FirstSearch responds  
"You are connected to OCLC Online Reference Services. Enter your authorization."

3. Type 100-081-572 and press <Enter>.

FirstSearch responds  
"Enter your password."

4. Type SOLUTIONS and press <Enter>.

FirstSearch responds  
"Welcome to FirstSearch."

Follow the on-screen instructions to perform your search.

To log off FirstSearch:

1. Enter bye and press <Enter>.

First Search responds  
with a confirm prompt

2. Enter y and press <Enter>.

FirstSearch responds

"You are disconnected."

3. Disconnect from the Internet using standard campus procedures.

Accessing FirstSearch from the Library:

see Library, page 19

## Faculty nominations are now being accepted for Truman Scholarship

### K.C. Snyder Staff Writer

The Harry S. Truman Scholarship Foundation is now accepting faculty nominations for the Harry S. Truman Scholarship.

The Truman Scholarship was established by the U.S. Congress in 1975 as a memorial to Missouri's native son. The foundation grants scholarships to college students who are committed to public service.

The Foundation defines public service as employment in "government at any level, uniformed services, public interest organizations, non-governmental research and/or educational organizations, and public-service oriented, non-profit organizations such as those whose primary purposes are to help needy or disadvantaged persons or to protect the environment."

The scholarships are monetarily generous but limited in number. Students eligible to be nominated by their colleges and universities must rank in the upper fourth of their class and be U.S. citizens or nationals. Eighty-five scholarships will be awarded in 1993—one from each state and territory, plus several at-large scholarships.

Students who are awarded scholarships will receive up to \$3000 for their senior year of undergraduate education and as much as \$27,000 for graduate studies.

Donald B. Oster, Associate Professor of History, is currently soliciting nominations from the faculty as the Foundation's UMR representative. Prospective nominees can contact Oster directly, at the Department of History and Political Science in the H-SS building, or call him there at 341-4817.

Names for possible nomination must be submitted no later than October 30.

## UMR students build solar car for competition

### News Services SOURCE

Jeff Shapiro of Springfield, Mo., a University of Missouri-Rolla senior in physics, is basking in the sun because a solar-powered car he is helping design and build will take part in races next year in the United States and Australia.

"I've been interested in solar-powered vehicles since I was a student at

Kickapoo High School," Shapiro says. "When Crowder College (in Neosho, Mo.) started work on a solar car I was given the opportunity, while still in high school, to enroll there and take part in the design and construction of that car."

After graduating from Kickapoo in 1990, Shapiro, who is the son of Jim and Becky Shapiro, enrolled at UMR.

Since the spring of 1991 Shapiro and about 25 other student members of the UMR Solar Car Team have been involved in the largest undergraduate undertaking on campus: the building

of a solar-powered vehicle, which the team has dubbed Sol Survivor, to race through America's heartland and Australia's outback.

The team is working in facilities across campus to design what they hope will be the winning entry in both races.

The first test of their skills is Sunrayce '93 -- a national, intercollegiate competition that includes teams from 35 other North American colleges and universities (including an interstate rival).

see Car, page 19

**Attention!!** Deadline for next week's paper will be Wednesday at 3:30 p.m. The Miner staff is busy.....



# Calendar of Events

## Wednesday

5:00 pm WOMEN'S SOCCER VS. DRURY-  
WOMEN'S SOCCER VS. DRURY

6:00 pm Spelunker's Club Mtg.

6:00 pm The UMR Juggling Club invites you  
to join them at the Hockey Puck before they  
come apart.

6:00 pm Wesley Mtg.

6:00 pm Eta Kappa Nu Mtg. / 101 EE

6:30 pm AIAA Mtg. / 104 ME

7:00 pm College Republicans Mtg. / G-9 H-SS

7:00 pm Tau Beta Sigma Mtg. / 139 ChE

7:00 pm ASCE 7 AGC Mtg. / 114 CE

7:00 pm MEN'S SOCCER VS. DRURY

7:30 pm Society of Mining Engineers Mtg. 204  
McNutt

8:00 pm Kappa Kappa Psi Mtg. / 125 ChE

8:00 pm Student Activity Fee Board Mtg. /  
Walnut

8:00 pm SUB Homecoming Mtg. / 216 McNutt

8:00 pm Phi Eta Sigma Mtg. / G-5 H-SS Mtg. /  
104 Physics

9:00 pm Newman Mass

## Thursday

12:30 pm Newman Scripture

1:30 pm Adult Children of Alcoholics Mtg. / 201  
Norwood

4:45 pm Toastmasters Mtg. / Missouri

6:30 pm Alpha Phi Omega Mtg. / Mark Twain

6:30 pm BSU Worship

6:30 pm Hand Gliding Club Mtg. / 105 ME

6:30 pm ASEM Mtg. / G-3 Chem

7:00 pm St. Pat's Committee Mtg. / 197C Mining

7:00 pm Alpha Phi Alpha Information Seminar /  
Missouri

7:30 pm Lutheran Bible Class

8:00 pm Starfleet Mtg. / Maramec

## Friday

STUCO FREE DAY

India Association Volleyball Tournament

1:30 pm Muslim Students Assoc. Mtg.

3:00 pm Gaming Association Gaming  
Session / Missouri

3:30 pm Need to do something to relieve stress?  
Want to learn how to shoot a gun safely? Come  
join the UMR Trap and Skeet Club in T-2 (the  
white building behind the library) and see what  
we are all about. You don't have to have your  
own gun. Call Jeffrey W. Spencer at 341-8420  
for more information. Everyone welcome.

## Saturday

Alpha Chi Sigma Boy Scout Merit Badge Day

2:00 pm WOMEN'S SOCCER ALUMINI  
GAME

4:00 pm India Association Movie / 114 CE

4:00 pm MEN'S SOCCER ALUMINI GAME

5:00 pm International Student Club Mtg. /  
Walnut

## Sunday

1:30 pm Chinese Student Association. Chinese  
Classes / ME

5:00 pm Student Mass

6:30 pm Voices of Inspiration Mtg. TJ South

## Monday

Last day to Drop w/o WD

Intramural Soccer Begins

Noon University Orators chapter of Toastmasters

International meets. / Missouri Room, University  
Center-East. For more information call Steve  
Watkins at 341-6321

3:30 pm Study Skills / TJ

4:00 pm UMR Academic Council meeting with  
UM System President George Russell. / G-5 H-SS

4:00 pm Transfer Student Association Mtg. /  
Maramec

4:50 pm Sigma Gamma Epsilon Mtg. / 204  
McNutt

5:00 pm Alpha Kappa Alpha Mtg. / 117 ME

6:00 pm GDI Governors Mtg. / Sunrise

6:00 pm Eta kappa Nu Help Session / 101 EE

6:30 pm BSU Bible Study

6:30 pm Christian Campus Fellowship - Missouri  
Room UCE

7:00 pm Chi Alpha Christian Fellowship Mtg. /  
maramec

7:00 pm Alcohol Anonymity Mtg. / Walnut

8:00 pm Koinonia Mtg. / Missouri

8:00 pm SUB: Comedy Night at the Puck-Don  
Reese

## Tuesday

SME Brat Sales / Mc Nutt

11:30 am Civil Engineering Seminar, Shamsheer  
Prakash, "Retaining Walls in Earthquakes" /  
114 CE

4:30 pm Chi Epsilon Pledge Mtg. / 117 CE

6:30 pm Student Council Mtg. / 204 McNutt

7:00 pm UMR Fall Film Series: "The Virgin  
Spring" / Miles Auditorium, ME

7:00 pm WOMEN'S SOCCER VS. WESTMIN  
STER COLLEGE, UMR Soccer Field. Admis-  
sion is free.

7:00 pm American Society of Mechanical  
Engineers / G-3 ChE

7:00 pm ASCE EIT Review Session / 114 CE

## Next Wednesday

Intramural Manager's Mtg.

2:30 pm StuCo Lawyer / Walnut

5:00 pm Blue Key Mtg. / 216 ME

5:00 pm UMR WOMEN'S SOCCER VS. UNI-  
VERSITY OF MISSOURI-ST. LOUIS, in St.  
Louis

6:00 pm Spelunkers Club Mtg.

6:00 pm Wesley Mtg.

6:00 pm Eta Kappa Nu Mtg. / 101 EE

6:30 pm ASQC / 201 Eng. Mtg.

7:00 pm College Republicans Mtg. / G-9 H-SS

7:00 pm Association of General Contractors Mtg.  
/ 114 CE

7:30 pm UMR MEN'S SOCCER VS. UNIVER-  
SITY OF MISSOURI-ST. LOUIS, in St. Louis.

7:00 pm Society of Metallurgical Engineers Mtg.  
/ 204 McNutt

7:00 pm Economics Club Mtg. / 104 H-SS

8:00 pm Kappa kappa Psi Mtg. / 125 ChE

8:00 pm Student Activity Fee Board Mtg. /  
Walnut

8:00 pm SUB: 1964 As the Beatles / Puck

8:00 pm Phi Eta Sigma Mtg. / G-5 H-SS

9:00 pm Newman Mass

## Financial Aid

UMR-ROLLA AIR FORCE ROTC  
SCHOLARSHIP OPPORTUNITIES

Rolla, MO - The University of Missouri-Rolla  
Air Force ROTC is accepting applications for  
three and four year scholarships that pay full or  
partial college tuition.

The scholarships are designed for high school  
seniors or graduates who have not enrolled as  
full-time college students. Scholarships pay  
incidental and lab fees, provide textbook allo-  
wances and a \$100 monthly allowance, and are  
awarded on individual merit as opposed to finan-  
cial need.

Interested students should apply now for  
consideration. Dec. 1 is the deadline for applica-  
tions. They may be obtained from local Air Force  
recruiters or high school guidance counselors, or

by calling Capt. Steve Morrese, UMR Air Force  
ROTC detachment, at 314-341-6541.

ROLLA AREA BUSINESS AND PROFES-  
SIONAL WOMEN SCHOLARSHIPS

Rolla, MO. The Rolla Area Business and Profes-  
sional Women's Club is offering two scholarships  
of \$500 to women enrolled for the 1993 Spring  
Semester. The scholarship is designed to encour-  
age women to advance their career goals through  
continuing education—whether they are currently  
pursuing a degree, returning to the  
work force after a long-term absence, or are in the  
process of changing careers.

Eligibility requirements:

- Must be a resident of Phelps, Dent, Maries  
or Pulaski Counties.
- At least 25 years of age.
- Enrolled at an accredited educational insti-  
tution. The scholarship will be awarded on  
the basis of financial need and the development of  
a specific plan for using the scholarship to ad-  
vance their career goals.

Application deadline: September 30, 1992.

see Aid, page 8

## Missouri Miner

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

All articles, features, photographs, and illustrations published are the property  
of the **Missouri Miner** and may not be reproduced or published without written  
permission.

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

Submissions for publication must be in our drop box (first floor of the Norwood  
Hall, Room 103) by 3:30 p.m. on the Thursday before publication. The **Missouri  
Miner** reserves the right to edit all submissions for style, grammar, punctua-  
tion, spelling, length, and matters of good taste.

The **Missouri Miner** is operated by the students of UMR and the opinions ex-  
pressed in it do not necessarily reflect those of the university, faculty, or student  
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# Comments

## Consevatives Corner

There is currently a vigorous voter registration campaign underway in this country; it's even reached the local Wal-Mart. Voter registration and exhortations to use the voting privilege seem to be a staple of election years, and this year the rhetoric is more heated than ever. There are even "go vote" ads on the Doctor Demento show.

Jesse Jackson has been running inner-city voter registration drives for the last three elections. The US Congress recently tried to pass a law which would register voters when they receive their driver's license. Every election is accompanied by hand-wringing over how few people register and how few of those registered actually vote.

But are all these calls for increased voting really a good idea?

In a properly functioning democracy voting is a grave responsibility. It is even more grave for a country as important as ours. The outcome of this year's election will determine the future not merely of our own nation but of much of the world. Decisions of this weight are ones to be made carefully and thoughtfully.

Do we really want hordes of uneducated, uninformed, apathetic voters trooping to the polls? Do we want our leaders chosen by people who are so apathetic they don't even bother to register? A responsible voter thinks long and carefully on his choice; but what is the point of such effort if it will be cancelled by some ignoramous who

votes on whim?

I will go farther. Was it wise to lower the voting age to 18? The vast majority of 18-year-olds are neither mature nor informed enough to vote wisely. Many of them have trouble even thinking coherently. We don't trust them with alcohol; why do we give them the vote?

For that matter, were the Founding Fathers wrong to place a property requirement on the right to vote? Today this is usually seen as prejudice against the poor; but it had a more serious purpose. By putting government in the hands of the self-made, the Founders sought to ensure that government moneys would not be spent to buy votes or support the irresponsible.

But today government is used for these very purposes. Who can deny that welfare, at its roots, is a means of buying votes? Isn't it possible that our government's finances might be a little better managed if welfare recipients could not vote?

The point I'm trying to make here is that effective representative government is neither simple nor easy to achieve. It is dangerously simplistic to assume, as so many do today, that more voting means better government; that a larger electorate is a wiser one. History would, in fact, suggest the opposite ... and if we want to rescue our nation from its present troubles, we would do well to listen to the lessons of history.

Rob Hobart

## Who is correct when it comes to religion?

I am writing in response to the article "It is just a question of religion" published in the *Missouri Miner*, Volume 81, Number 5, September 23, 1992. The writer of this has three basic misconceptions about Christianity. The first misconception is on the topic of entrance into heaven.

I am a member of the Baptist faith but that is not the reason I am going to heaven. The reason that I am going to heaven and the reason that anyone is going to heaven is the fact that they realize they are a sinner, repent of their sins, and accept Jesus Christ as the Lord and Savior of their lives, not because they belong to a particular Religion, Cult, or Organisation.

Second, the God that was prayed to at the flag pole by everyone, was the same God, and the only true and living God. Any religion or otherwise that claims to be Christian or Christ-like, worships the same God, just in different manners. This is one reason for different religions but, the same God is

being worshipped. He is also the one that inspired men to write the Holy Bible or His Word.

The third misconception was the author's belief that the answers to prayers are dependent on a specific religious belief. In the Bible there are some explicit instructions and then some instructions that are "interpreted" into each individual's personal belief. God gives us the freedom to make choices and believe what we want to but, he also illustrates a very strict and explicit way of getting to heaven. The author used the differences in religion and belief to express that "a" prayer was heard. Just because I believe differently than someone else does not mean that our prayers are not heard or either of us is going to hell. Bible states that all prayers are heard. Since this is true, then how can we say that because someone does not believe

see God, page 4

## Well Critiqued

Missouri Miner Staff:

As a freshman I enjoy reading the paper. It has everything to keep you on top of things and a lot of interesting articles. The best part of the paper is the comic section. Keep up the good work. I have (2) suggestions that may be helpful to the paper. (1) Would it be possible to include a brief weather forecast for the week. Just something to let people know what the basic weather is going to be. (2) Is there a way you can print what is playing at the local theatres. My friends and I always go to the theatres to see what's playing and we often end up coming home. This way we can check ahead of time to see what's playing. Just a few ideas that might be helpful to a lot of people.

Thanks  
11th floor TJ

## The editor and managing editor are truly sorry for carelessness..

Dear Editor,

We are writing in reference to the photo that appeared on page 9 of the *Missouri Miner*, September 23, 1992, Volume 81, Number 5. We believe that this photograph was taken in an extraordinarily unprofessional manner. The photographer concealed himself from the young woman he photographed, therefore making it impossible for them to request that the photo not be published. Furthermore, one would not expect that a photo taken in such a manner would be used in a university publication.

Not only did this photograph anger and disgust the young women in the picture, but it also disturbed the other females who frequently sunbathe in the Quad. We sincerely hope that a situation such as this one will not occur again, and that in the future, better judgement will be used when selecting photographs for the university publications.

Sincerely,  
John W. Luther

## Response to Tom's viewpoint

Dear Mr. Brown,

It's just not right. What, you ask? Your recent editorial is just not "right".

Fine, you don't like homosexuality. You certainly have a right to form and express your opinions. However, if you are going to express them in a public forum you have an obligation to treat opposing views and opinions with the respect you attribute to your own. Something you seem to be forgetting, or refusing to acknowledge, is that "homosexuals" are human beings and that homosexuality is about more than what sexual organs two people rub together.

Homosexuals, like other human beings, need and crave physical and emotional contact with other human beings. For whatever reason, they feel more comfortable with members of their gender. That is their business. Neither you, nor anybody else, has the moral authority to judge anybody for anything until you have taken the time to understand them in all of their human complexity. This complexity includes their genetic coding, their social environment, the history of their families, their spiritual values, every experience they have had since birth, and the rest of the virtually infinite number of factors that contribute to the development of who and what a human being is at the time of judgement.

Look at the world around you. Look at the regions that used to be Yugoslavia. Look at the Middle East. Look at the Inquisition. Look at what the colonial expansion of Europe did to the societies of Africa, Asia, the Americas, and the Pacific. These, and more, are examples of human beings judging other human beings without truly trying to come to understand those being judged.

By expressing and encouraging narrow minded intolerance you continue a mind set that our species, and planet, can not afford. Mr. Brown, I encourage you to heed the questions with which you closed your editorial. Where is our nation headed? Where is our world headed? It really is a shame when you think about it.

My distaste for the editorial "It's Just Not Right" (*Missouri Miner*, September 23) by the *Miner's* Editor-in-Chief Tom Brown has prompted me to respond with a slightly different viewpoint. While Tom's article does express an opinion, it also expresses a disturbing and almost fanatical intolerance to others with whom Tom may not be comfortable.

Tom's poorly written attack on the use of new educational materials about homosexuality surprised and offended me, even though I am not a homosexual. I was surprised to find an editorial authored by the Editor-in-Chief to be so poor as to resemble more of an emotional outburst than an organized, factually supported argument. While few of our fellow students at UMR may ever achieve technical and expressive perfection in their prose, I was amazed as I counted a total of seventeen errors in grammar, cliché usage, style, and punctuation in Tom's seven paragraph composition. In his final paragraph Tom asks "Where is our nation headed?". My response to this query is a second question, "How will the quality and content of our newspapers, periodicals, and personal writing suffer if Tom's writing is an example of the output of our future graduates?"

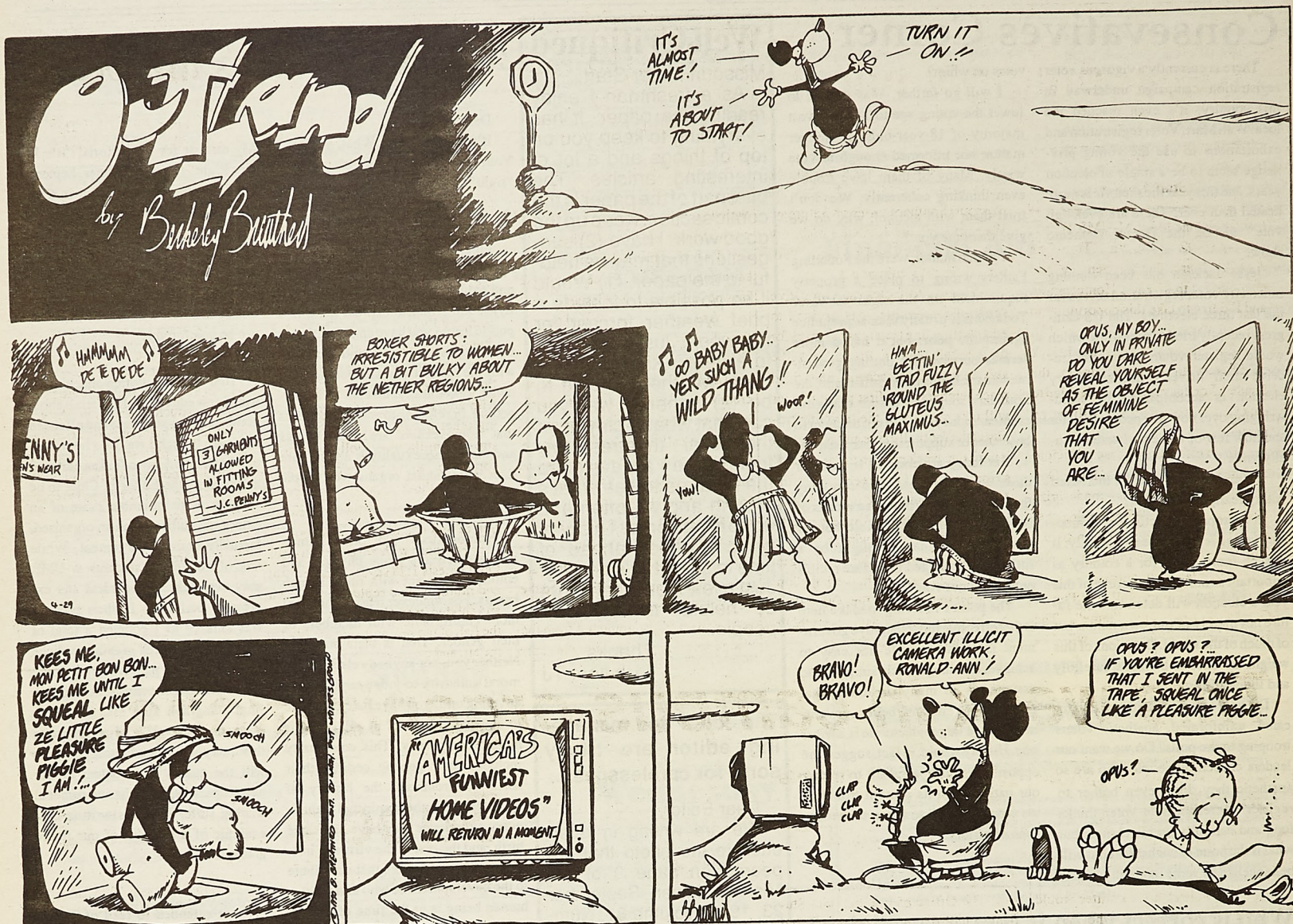
I was offended to read of Tom's intolerance to such a large segment of our population. What would he do if he were to replace me several years ago as an engineer in Northern California? There I was responsible for system engineering tasks including the review of technical publications. Our company's best technical writer, Joe, was gay. Tom's position that "Homosexuality should not be condoned, should not be accepted..." would have been a difficult stand to maintain in his new job. But most importantly, Tom's sense of right and wrong prejudices Joe's personal and entire life without ever meeting Joe. History repeatedly teaches us that absolute, blind intolerance, such as Tom's for homosexuality, results in war, atrocities against man, and social and ethnic strife. With the Editor-in-Chief's editorial still fresh in my mind, I repeat his concluding question "Where is our world headed?"

Lee Hill



# WASHINGTON POST WRITERS GROUP

1150 Fifteenth Street, N.W. Washington, D.C. 20071



## Why the U.S should not be the world's policeman

The simple reason why any one country (as opposed to a collection of one, like the U.N.) should not be allowed to be the world's policeman is this: Every country, the U.S. being no exception, have their allies and enemies. It doesn't take an expert on politics to understand whose side a country will take when two other countries are involved in a war, esp. if one of those two countries happen to be a good pal of the 'policeman country'.

A policeman is a carrier of justice. They rightly belong to the country and not to any private organisation. Justice can be unbiased only when the carrier of justice is neutral.

Also, a particular country would take advantage of where to intervene and where not to intervene, and call it "their internal problem". A recent example is the Persian Gulf war. Although I am second to none in agreeing that Saddam Hussain needed to be shown where his foot was, I strongly doubt if "Operation Desertstorm" would have been so important if two other countries had been involved - none of whom are richly endowed with oil or any other wealth resource. I doubt how many people are aware that hundreds of people are dying daily in border skirmishes between India and Pakistan.

The fact that the economy of the U.S. is so extensively defense based would probably boost the nation's economy if it were allowed to be the world's policeman. But that's no excuse. Look at Japan's economy. A political pundit might help me out here by quoting the percentage of both the nations budget that is poured into defense. Now that the U.S.S.R. is no more, George Bush should try to cut his defense spending and instead focus on issues like education, health care, etc. Everyone could see through the flimsy excuse by which Bush was making a last-ditch effort in triggering another war in the Persian gulf that wasn't there, before the elections. Here, I strongly disagree with Mr. Rob Hobart who proposes to DOUBLE the defense budget.

Lastly, I seek a clarification from Mr. Hobart when he says that Leftists have dominated this country for the last 50 years. He compares them to Stalin and Mao, so I presume that the U.S. was under some communist-kind-of-rule for the last 50 years? Or, is Mr. Hobart so far to the right that even Reagan and Bush seem to be Leftists?

Talking of Communists, close your eyes and picture yourself a couple of years ago. How would you like it, Mr. Hobart, if the U.S.S.R. were allowed to be the world's policeman?

Kaushik Pal

## God from page 3

a certain way their prayers are not heard.

I conclude by saying that although religions and beliefs will differ, the way to heaven, only through Jesus Christ, will not differ. All religions should be practising that Jesus is the way to heaven and those that don't should be reminded that religion will not get anyone to heaven. It is our personal relationship between ourselves and God that will get us to heaven, specifically our relationship concerning Jesus Christ.

Wynn Hall



# Features

## Homecoming's here!

Laura Hubert  
Staff Writer

Welcome to MSM-UMR Homecoming 1992 - "Rockin' Thru The Ages". There have been several changes for this year's Homecoming and I'd like to take this opportunity to tell you about them.

First, the committee sensed a lack of interest in the "Parade in the Shade". For this reason they decided to cancel it this year. There will be no parade.

In an effort to increase participation in and the quality of House Displays, the committee has made prize money available. We are hoping that the prizes and the elimination of the parade will increase interest in the House Display competition.

A new activity will be "Fun & Games Before The Game". The Homecoming Committee will be

sponsoring a barbecue at New Jackling Field before the Miners take on the Missouri Southern Lions on Saturday. We will have the KMN Roadshow and the "The Fly Trap" a Velcro Wall, for everyone's enjoyment.

Finally, to foster the competitive spirit, the committee has decided to adopt a traveling trophy as the prize for the Overall winner. Plaques will be awarded to first, second and third place winners. The first place winner will take custody of the traveling trophy at the football game and will retain it until one week prior to the next year's Homecoming. One week prior to the 1993 Homecoming the trophy will be returned to the Student Union Board to be awarded to 1993's winner.

We are hoping that these changes will bring an increase in participation and most importantly, fun. Other than the changes mentioned, everything else remains basically the same.

## Lets get serious for a few minutes...

Uncle Larry  
Staff Writer

Well, Kids, I've waited a few weeks to receive some letters from which you which I, Uncle Larry, could answer; none have come. This doesn't really bother me because it just gives me an opportunity to voice my opinion on one rather pertinent issue.

As I was perusing around campus the other day, I happened to go into the TJ tunnel. What I saw there at first appalled me, then struck me as incredibly ridiculous. Amidst all the insane babbling there was one pitiful, emotional call to arms. It went something like this: "Don't eat or mistreat the little animals. They are our friends." I find this particularly offensive for several reasons.

We live in a society where crime is at an all time high, homosexuals are trying to infiltrate the military and the Boy Scouts, atheists are attempting to get the word "God" removed from the Pledge of Allegiance and our cur-

rency, and the lives of thousands of unborn children are terminated daily. This is not the extent of America's problems. In the state of Washington, a drive by shooting occurs every three minutes. Crack cocaine is being sold to children in grade school, and yet this one crusader condemns anyone who uses animals for sustenance or to benefit humanity. What a trivial problem, compared to the others. These "less-than-conservative" radicals are the ones who populate the militant factions of Greenpeace and PETA; those who attack testing laboratories, ruining other peoples' life work, and destroying millions of dollars worth of corporate and personal property yearly, without so much as a second thought. All in the name of the liberation of and equality for animals.

For those with religious sensibilities, Genesis 1:28 says "... Be fruitful, and multiply, and replenish the earth, and subdue it: and have dominion over the fish of the sea, and over the fowl of the air, and over every living thing that

moveth upon the earth." This alone declares the animals are here to benefit man. If you are not particularly religious, logic would tell you that animals, not having an intellect, would be oblivious to their use or purpose. If you are not religious or logical, you are probably finding it difficult to understand why I wrote this article. Stop wondering. I wrote this to explain to you how absurd and extravagant those ravings are.

The simple fact of the matter is this: In a time where people are treated unfairly, much less animals, there is a great liberal bantering for a change of conscience, philosophy, and government. I do not feel we should change any of those. I think we need to change our priorities.

Uncle Larry

## This week in campus organizations...

### St. Pat's thingamagoobers

Kory Bakken  
Staff Writer

The St. Pat's Committee would like to thank everyone who participated in last weekend's Crop Walk, and we would like to give a special hand to the people who donated to the cause. It will be greatly appreciated.

The Green is in, and it's the hottest item on campus right now. Our fresh new design is stylish, and the price is cheap. So come on up and buy some sweatshirts for you, for your boy or girl friend, for your family, and for anyone else you can think of. It's the best gift that you can give. But you better buy one soon because they are selling fast!

163 Daze 'til The Best Ever!

### International students fall color tour

International students  
Source

The Office of International Students and Programs is planning a Fall Color Tour for all International Students on Saturday, October 17, 1992. The bus will leave UMR at 7:30 am and return at approximately 8:30 pm. The tour will be observing the beautiful fall colors and scenery as it makes its way to Hannibal, Missouri, and will then students will be able to tour the home of the famous American Author, Mark Twain. Cost for the tour is \$13.50, which pays for transportation only, students will need to bring additional money for meals and the tour of Mark Twain's home.

This is an excellent opportunity to see more of Missouri and tour some of the many historic landmarks. UMR students have top priority and spouses and children will be included on a space available basis. You must sign up and pay \$13.50 no later than October 1, 1992. Stop by the ISP Office at 108 Norwood Hall to sign up. Space is limited so sign up today!

## Subconscious

SUB  
SOURCE

HOME COMING!!!! OCTOBER 5 - 10 1992

This week I'd like to tell you a little about what SUB is bringing to campus for Homecoming Week. First, as in past Homecomings, SUB will be sponsoring wacky Homecoming Games everyday at 12:30 at the Puck. Queen voting will be held Monday through Thursday and there will be an Ice Cream Social on Friday. SUB will be sponsoring the Alumni / Student Golf Tournament again this year, but you must register in advance to play. If you are interested in the golf tournament, you can register in the SUB office.

Monday night (October 5) is comedy Night at the Puck featuring DON REESE at 8PM. Don Reese combines "friendly ghoulishness" with "sparks-flying timing" to create comedy that is completely unique. Don is a headliner in top clubs across the country and can be seen on MTV's

"1/2 Hour Comedy Hour" as well as on The Nashville Network. Outrageously funny, you don't want to miss the big and the bald, young and lovely guy from Sioux City!

Wednesday (October 7) is concert night at the Puck featuring 1964: As The Beatles. 1964: As the Beatles in concert does it all! Exhaustive research into costumes, haircuts, speaking & singing voices, stage movements, facial expressions and the sound of the music has produced an incredible re-creation of the Beatles. Mark Benson as John Lennon, Gary Grimes playing Paul McCartney, Tom Work as George Harrison, and Terry Manfredi as Ringo Starr are the master weavers of the Beatles timeless magic. Featured on Entertainment Tonight, The Nashville Network, they are hailed as the most authentic tribute to the Beatles, ever.

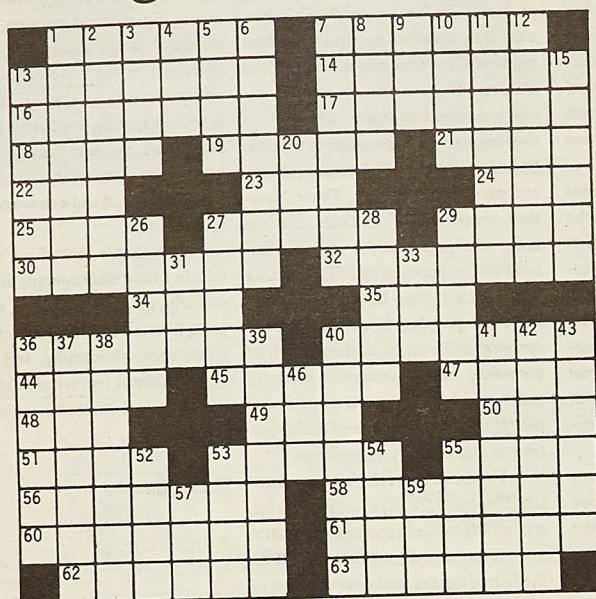
Look for more information on Homecoming Weekend activities in the next Miner - including an update on the BBQ & the Velcro Wall. The Homecoming Queen Candidates will also appear in next week's Miner.





# Fun & Games

## collegiate crossword



© Edward Julius Collegiate CW8701

## ACROSS

- 1 Meditators  
7 Drink taken after a drink  
13 Church in Rome  
14 Natural environment  
16 Former  
17 City in California  
18 Gives a bad review  
19 Chess pieces  
21 Overly proper person  
22 Part of TGIF  
23 Kith and —  
24 Horse  
25 Nuremberg no  
27 Detroit athlete  
29 Ticket sales for an event  
30 Dessert item  
32 Defamed  
34 Louisville slugger  
35 — Yat-sen  
36 Propriety of behavior  
40 Loses weight  
44 Man from Mecca  
45 The devil  
47 Store sign  
48 Nod off  
49 American league team (abbr.)  
50 Part of MPH  
51 Patron  
53 African capital  
55 Take a bride  
56 Persist at, as a point  
58 From Lhasa  
60 Religious recluse  
61 Flatter  
62 Conditions  
63 Cuddle

## DOWN

- 1 Sea mammal  
2 Kitchen device  
3 Tennis match parts  
4 Gad's son  
5 Highway part  
6 Enter furtively (2 wds.)  
7 Station  
8 Dutch painter  
9 Former pro league  
10 Nitwit  
11 Rome, The — City  
12 Show joy  
13 Moving like a horse  
15 Having a label  
20 Toupee  
26 Important person  
27 — Andronicus  
28 Ascended  
29 "Trivial Pursuit" edition  
31 Feather's partner  
33 Lou's partner  
36 Vienna's river  
37 Schoolroom need  
38 Short, sleeveless garment  
39 Becomes due, as a note  
40 Rutgers' river  
41 Balance sheet section  
42 Lift up  
43 Peaceful  
46 Metric —  
52 Hindu deity  
53 — board  
54 — order  
55 Whip mark  
57 — part  
59 Ralph Kramden's vehicle

see Crossword, page 8

## UMR Forum

### What is this thing called voting?

#### ASUM SOURCE

You may be wondering what "it" is. Well, for some "it" might be a candidate. For others, "it" could be a particular issue, and for still another group, "it" may be a direction they want our nation to take. "It" is whatever motivates a citizen to participate in our democracy by exercising his or her right to vote.

While these motivations to vote may vary from one person to another, there is another good reason to vote that applies to all citizens. Simply put, our system depends on it. American democracy is based on the active, informed participation of the electorate. But in recent years, the electorate hasn't been so active.

In 1988, only 36 percent of America's 18 to 24 year olds exercised democracy's most fundamental right, continuing the long downward trend of voting participation by our nation's young people.

1972 55.2% All eligible voters voting for president  
1976 53.5% All eligible voters voting for president

42.2% Turnout of voters

aged 18-24  
1980 52.6% All eligible voters voting for president  
1984 53.1% All eligible voters voting for president  
1988 50.2% All eligible voters voting for president

ASUM with your help, is working to reverse this trend by reaching out to young people on our campus. Our organizations has worked each year on voter registration, and issues of interest on the ballots. We feel we help students take part in the democratic process. By conducting this service project, we can make it easier for all interested, to register to vote.

We at ASUM wish to remind all who will be registering, to remember the importance of registering to vote, but the most important step is the step into the voting booth. If you don't vote, why even bother thinking and talking about the issues, candidates, and elections? Each individual must realize how important their one vote is.

This year, to make sure your opinion is registered, to strengthen our democracy, to have a say in the direction of our country, you only have to: **THINK ABOUT IT. TALK ABOUT IT. VOTE ABOUT IT.**

### WHO MAY REGISTER TO VOTE:

Any citizen of the United States who is a resident of the State of Missouri, and 18 years of age or older, is entitled to register and vote, with the exceptions shown below. (RSMo. 115.133)

### WHO MAY NOT REGISTER TO VOTE:

1. A person who is adjudged incapacitated.
2. A person who is confined under sentence of imprisonment.
3. A person who is on probation or parole after conviction of a felony until finally discharged from such probation or parole, or
4. A person after conviction of a felony or misdemeanor connected with the right of suffrage. (RSMo. 115.133)

### HOW DOES A PERSON REGISTER:

Persons may register in person or by mail. Registration in person is accomplished by filling out registration forms with information on identity, residence and qualifications which are signed and sworn to, then witnessed by the election authority or his designee. (RSMo. 115.155) Registration by mail requires submission of an application stating qualifications and the reason applicant cannot appear in person after which registration cards will be supplied to be completed and notarized.

Proof of identity is required. (RSMo. 115.159)

### WHEN SHOULD A PERSON REGISTER:

A person may register at any time the registration offices are open, usually Monday through Friday. In order to vote, however, the person must be properly registered no later than the fourth Wednesday prior to an election. A person moving into the state of Missouri may register the first day he or she becomes a resident. (RSMo. 115.135)

### ELECTION DATES:

There are seven official election dates in the State of Missouri.

1. Municipal Election the first Tuesday in April annually.
2. Primary and General Elections the first Tuesday after the first Monday in August and November in even numbered years.
3. Special School Levy Elections the first Tuesday after the first Monday in October.
4. Special Elections the first Tuesday after the first Monday of February, March and June. (RSMo. 115.123)

Contact the ASUM office if you are not registered to vote (341-4970, 212 UCW.)

### Quad RA helps ASUM

ASUM would like to thank Andre Taylor RA, from the Quad for all this help in setting up voter registration there last Friday night. He has been the only RA to contact our office personally, and to set up a time to come register students to vote. While we were registering students he went around to all the buildings informing students about our location. Over all we had a very successful voter registration. We registered 25, which so far this year is the highest amount we have done, other than our table we have on campus. Once again, thanks for all your help Andre, and we are looking forward to coming back again.

ASUM will be going to Thomas Jefferson Hall on Tuesday Sept. 29 evening during dinner from 4:30 to 6:00. Thanks to Kim Schummer, TJ Hall President. We hope we will have as successful turnout as we did at the Quad.

ASUM will have their voter registration table up Monday, Wednesday and Friday from 9:00 to 2:00 until voter registration deadline Wed. Oct. 14, 1992. If you are unable to register during any of these times please contact our office at 212 UCW or call 341-4970 to make arrangements to register to vote.



# Classifieds

## Miscellaneous

Expreienced preschool teacher has openings in home day care for toddlers.  
Provides activities and fun throughout the day.  
Call Dawn at 341-2349

### "Poetry"

It is not limited

By complex rules of grammar  
Virtually uninhibited

Not tacked down by nail and hammer.

The writer is set free

To capitalize, punctuate, and space

All that we read and see

Without fear of disgrace.

It need not a rhyme

With every verse

To echo a chime

Our soul to immerse.

The author's purpose is simple:

To express some inner emotion

To cause a spiritual ripple

And release a personal devotion.

Time Rider

### Thought for the day:

A woman needs a man like a fish needs a bicycle!  
U2/Bono '92

## Personals

Anne, Erica, Lissy and Dawn,  
We have the best family. You guys are the greatest!  
I Love my lil sis!

Love  
Kim

KD get psyched for 20th anniversary!

Mike ( at Sigma Pi),

I would LOVE to have your autograph, but when will I ever see you?

Ms. Fan

Bill ( PI KA),

I guess you'r OK

Punk

Thanks Theta Xi for a great TGIF !!!

KD

Sigma Chi KD is # 1 !

Thanks for a great derby days

KD

Clint ( PI KA),

Has "peeping" become a hobby for you? Don't you have anything better to do?

Omekia,

You're the BEST !!!

Luv you  
Steph

Good Luck, Raklyah.

You'll make a great homecoming Queen

The Bros.

Omega Psi Phi Fraternity, Inc

Jill,

U R the coolest big sis. But, I promise I'll get you back!

ZLAM  
YLS

Kimc,

You're the coolest little sis ever!!! I'm so happy you're a part of the family now!

ZLAM  
YBS

Dee,

Thank you so much for all of your help. I'd be lost without you!!

ZLAM  
J.D.

Hey Kelly P,

Thanks for being the coolest roommate in the world! On the "Totally awesome roommate scale" I'd have to give you a perfect 1000!! Thanks for everything!

ZLAM  
Tara

Hey Debbie,

Thanks for being the best Berry buddy! I had a cool time getting in shape at aerobics. Hope you have a great day!

ZLAM  
Tara

Trish,

What a great receiver! Welcome to the family

AOT,  
YBS

Chrissy,

"Oh, Chrissy is a fine, fine gal....." Thanks for putting up with me

Bung

Omekia,

Come over!!! I miss seeing you

Mindy

Kappa Delta's Soccer Smash 1992 is coming up soon! Get psyched! Entries due by Oct. 5!

Tina,

Was that two or three weekends in a row? Let me know when its your turn.

Stephanie

Susan

It's not that hard to thank like me. Just pretend you are a true blonde.

Me

Laura,

I know who your Big Sis is and I'm not telling.

Steph

Laura, Susan, Tina Stacy,

You're fallen!!

Congratulations Amanda you are truly a Kappa Delta.

Hey End Dust,

Don't stress. You are doing a great job. Just remember that we love you

AOT  
Stephanie

Way to go KD !!!

Thanx to everyone who participated in Derby Days.

Hope to see you next year, Chi O.

Sigma Chi

Love those HOT KD babes!

(especially the one with the hat.)

Princess,

I'm hungry for love. Guess what time it is

Rhil

Chi Omega pledges are the Greatest!

KD's are the BEST

Woodwing party! Woodwing party!!

Lynne & Denise,

How about a room to room?

AOT  
Steph L.

Girl,

Snatch any drummers in your sex tent???

Luv you  
Girl

Hey Giliirls,

LUV YOU !!

A giliirl!

Tabltha,

YBS loves you!

Karen,

Welcome to the family!

Love in KD  
YBS

L. Squaw,

I'm really sorry about the Taco. Will you ever forgive me?

ZLAM,  
H. Royale

Keith Kat Beta Sig,

Loser! Call just ot chat sometime!

M-cubed

Kelly, P.

You're an awesone pledge!

ZLAM  
Amy

Debbie,

How's Tom? D and I are going to wire your mouth shut anyway!

ZLAM,  
A

Tim Lewis,

Or should we say Timmy Rogers? Isiq

S.K.,

Do you need your security towel?

CB buddies,

Chalk 'till you drop.

Chris -

You are the best little sis!

LICO,  
YBS

Jen,

Did you ever find a broken cow ???

Aim

Janet,

I had a blast on Friday.

Lets do it again!

-YBS

Les,

WATERMELON!

-Aim

Crunchberry Thief

You're Ours!

Chi-O

Bryan,

Oh! What the \_\_\_\_!

It won't open when its locked!

Echo

Kate,

Don't be a stranger!

Bow down before the one...!

ZLAM  
Amy

Hey Lil S,

I'm too shy to ask anyone out.

I think I need lessons from my role model, what do you think?

Finnell,

Thanks for teaching me cool volleyball tricks! We must play again sometime!

Amy

Cliffy,

It was cool playing v-ball with you in the tournament! Don't be strangers!

Amy

B-

SCORE!

-A

Deena,

Wearing a skirt does make a difference in picking up guys!

ZLAM  
Amy

Schweera Pole Dances!

Deena,

Tip over any coolers lately?

ZLAM,  
Amy

Thanks for the past 3 weeks! You're the coolest! Don't let it go to your head!

Echo

Crissy,

I'm so glad you're my little sister!

ZLAM,  
YBS

Tara C

You are a way cool little sis. If you ever want to sing to me over a microphone check out who I'm talking to first!

ZLAM,  
YBS

Tricia

You are the best big sister. Our family is awesome!!

YLS

Julie Tm

Where are your contacts?

Shannon,

You are the best roommate around. But, next time, let's actually study!

Tara Cox,

Are there any dust bunnies under there?

Christi!

You're the coolest little sis!

ZLAM  
YBS

Christi!

If you have any more boy-probs gi ve me a call ! I'm trying to earn some more cool points.

YBS

Hey! No drinks on the stage!

Bueller!

You're the best! UZI UZI UZI! Yeah! We're bad. Thanks for being a cool friend!

Luv Ya!  
The chick you met this summer

Down-a-lana!

You're a great roommate! Nice mess!

ZLAM  
YBP

Lisa Madlson,

To the greatest lil sis in the world. You'r the best!

Deena

Honey,

Don't say sorry! I "aie" you.

S.

Amy Z.

Hoochie Royale! What can I say? We need to behave!

Luscious Squaw

see Classifieds, page 7

Bry,



# A dedicated supporter of Civil Rights

Roger Amann  
Staff Writer

Mary Ann Pulley, senior secretary of the mining department, has been involved with the National Association for the Advancement of Colored People (NAACP) for more than twenty-six years. She is currently the president of the Rolla chapter and has become very close with both the Rolla community and the UMR student body.

Mary first became involved with the NAACP in her hometown of Malden, Missouri in 1966, after the government had set up a local office in the rural community. The NAACP is both a national and local organization. Thus, their backgrounds and agendas vary from town to town all across the United States.

In July of 1988, the community of Rolla began to recruit the 100 members needed to form the local chapter of the NAACP, and also established the rules and regulations of the local group. After a great deal of time and effort, the Rolla Area (Phelps County) Branch of the NAACP was founded on April 8, 1989. Upon the foundation, Mary Ann Pulley was elected president.

The multi-racial group was made up of people who saw a need for an organization dedicated to an ideal America with equal opportunity for employment, education, and justice regardless of race, color, or creed.

Since three short years ago, the Rolla Area Branch has built an impressive list of activities. The branch honored local citizens at the "Yes I Can" banquets, and also awarded "Yes I Can" grants to UMR students. The organization sponsored programs during Black History Month. Members

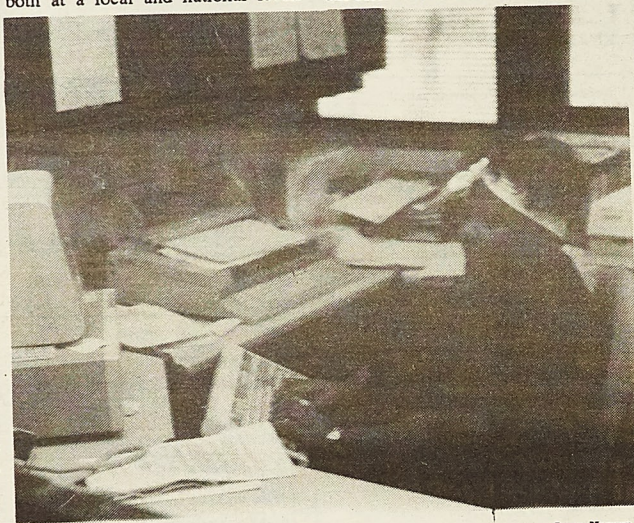
met with officials of the Rolla Public Schools to discuss minority concerns, and were instrumental in getting discrimination cases resolved. The branch has conducted letter-writing campaigns and has hosted meetings of the State NAACP Board. It sends members to state, regional, and national conferences, and also publishes a newsletter for members.

As president of the local chapter, Mary Ann Pulley has many responsibilities. Mary Ann said, "My main responsibility is making sure that the floor is clear on all the issues." Some of her other important responsibilities include, holding meetings, recruiting new members, letter-writing to top officials, and taking care of complaints from the community.

Mary Ann Pulley encourages students to apply for the many grants and scholarships that the NAACP gives both at a local and national level.

Pulley recently had the honor of awarding the third annual \$500 "Yes I Can" grant to Clifton Wade III, who is a senior majoring in electrical engineering. Clifton is an active member in the NAACP and other UMR groups, such as, the National Society of Black Engineers and Phi Theta Kappa honor fraternity. The "Yes I Can" grant is awarded once a year to an African-American student at UMR. The NAACP offers many other scholarships which are open to other minorities.

Overall, Mary Ann Pulley is a sincere and dedicated individual who is looking out for the best interests of both the Rolla community and UMR student body. If you are interested in joining the NAACP or applying for a scholarship or grant, feel free to call Mary Ann at 341-4753 or just stop by her office in room 226 at V.H. McNur.



Jason Hanson

Mary Ann Pulley, a dedicated supporter of Civil Rights, is actively involved in the NAACP on our campus.

# This week in Greek

Mark Crawford  
Staff Writer

This week's article will answer some of the questions of why there are Greek organizations and exactly what are there function in today's college life. The idea of fraternity brotherhood has existed for centuries. Phi Beta Kappa, the first fraternity, was established at the College of William and Mary at Williamsburg, Virginia, in 1776. Phi Beta Kappa are the initials of the Greek motto which is translated as "Love of wisdom the guide of life", thus emphasizing the deep commitment of understanding and the quest for knowledge. This is still the focus of Greek life today. From that day forward many other brother and sisterhoods have evolved and millions of Americans have participated in Greek organizations.

The substance of the college fraternity is brotherhood. The closeness of the bond that one has for his fraternity brother is difficult to describe, but has a deep power in the soul. Perhaps Earnest Howard Crosby, an American poet explains it best-  
*No one could tell me where my soul might be;*  
*I searched for God but He eluded me;*  
*I sought my brother out and found all three.*

He has described brotherhood as being a mixture of the three and each can be found in his brother. The brotherhood offered by college fraternities is appealing to college students and offers support to those who share in the bond.

Fraternities install in their membership a sense of belonging which is important to academic success, more importantly the group shares a spiritual relationship conducive with their

brotherhood. Many times people get caught up in the superficial idea of fraternity life, but the true end of the fraternity is to produce well educated, highly motivated, morally correct individuals who are productive citizens. Unfortunately, the criticism that plagues fraternity life comes from those who have very little knowledge of it, therefore I hope this article has enlightened them.

Greek sponsored coming events and announcements

\*\*\*\*\*

**Kappa Delta** - Mystery week for big and little sisters begins for Sept. 28th. On Oct. 8 will celebrate 20th anniversary with a banquet, formal business meeting, etc. "Kappa Delta Soccer Smash" is a soccer tournament to benefit the Children's Hospital in Richmond, Virginia to be held on Sunday, October 18, 1992 contact Rebecca Light at 364-0637 for more information.

**Alpha Phi Alpha** - Is sponsoring the Black and Gold Banquet and a Neophyte to follow after on October 10, 1992.

**Alpha Kappa Alpha** - Is sponsoring a fun and healthy aerobic session every Wed. TJ Hall room G-3. Everyone is welcomed to come join in on the fun.

**Zeta Tau Alpha** - Oct. 5th start of Surprise week for late pledges. Oct. 11th String Day for late pledged to find Big Sisters. Oct. 5th standards from Mr. Abbott who owns his own salon and hair care line. Oct. 8th Scholarship Dinner. Oct. 9th Bar-B-Que with Sigma Nu.

## CLASSIFIEDS

L. Madison,  
What shall we name the ape?

ZLAM,  
YBS

Deb,  
Can we pay the doctor to wire your mouth shut?

D

Tim,  
If the doctor says yes, will you help pay?  
You know who

ZTA pledges are the best! Congratulations

M-cubed,  
That's a nice story- it won't open when it's locked.

L. Squaw

from page 6

Zlatic,  
Nuevo beer? Don't mention that fast food place we all know and love.

D

Finnell,  
Thanks for putting up with my grunts.

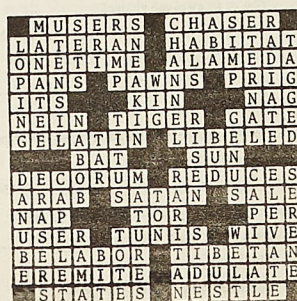
Take no prisoners

L. Madison,  
That bathroom thing was on purpose. I AM trying to tell you something.

ZLAM,  
The cruel

one

## CROSSWORD



## Aid

from page 2

Missouri Coordinating Board for Higher Education Paul Douglas Teacher Scholarship Program.

The Paul Douglas Teacher Scholarship Program (PDTSP) is a federally funded program that is administered by the Missouri Coordinating Board for Higher Education (CBHE) to provide college scholarships to outstanding high school graduates and students in college to enable and encourage them to pursue teaching careers in public or private nonprofit preschool, elementary or secondary schools or educational programs.

Eligibility Requirements

- Must be a U.S. Citizen or an eligible Non-citizen.
- Must be a resident of Missouri, according to the residency requirements of the CBHE.
- Must have graduated from high school within three (3) months of the date of the award or have received a certificate of high

school equivalency for successfully completing the Test of General Education Development (GED).

- Must rank in the top ten (10) of his or her high school graduating class or have achieved a composite score on the General Education Development (GED) test that is recognized by the state, or nationally.
- Submit a completed scholarship application by the deadline.
- Upperclassmen must maintain satisfactory academic degree progress according to the standards of the eligible institution of higher education to be eligible for a renewal scholarship award; and
- Must be enrolled full-time in a course of study at an eligible institution of higher education leading to teacher certificate.

Application Deadline: October 1, 1992.



# Sports

## Miners fall to Gorillas in mudfest

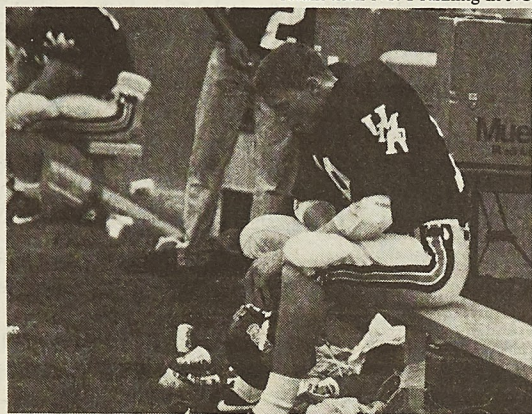
Chris Merris  
Asst. Sports Editor

Saturday morning looked to be a beautiful day at about 9:00 a.m., it was sunny and cool. A perfect day for a big MIAA Football matchup between Pittsburg State and our beloved UMR Miners. If you were planning to go to the game it looked to be an ideal day for a Miner victory. However the weather denied what looked great and the Gorillas buried our Miners in the mud at Jackling Field.

The outcome was 45-3, Gorillas on top. Pitt State had an awesome 409 yards of total offense, 147 of them by Ronald Moore who scored on runs at 24 and 33 yards. Our Miner defense was no match for the offensive onslaught by Pitt State. To make matters worse their defense held the Miners to 73 yards of total offense.

To add insult to injury, punter Chris Shore was blocked twice. One of which Jerry Boone returned for 22 yards and a touchdown. The other

block was returned to the one yard line where Brian Hutchins later scored. The lone brightspot was a 24 yard field goal by Eivind Listerud in the first quarter.



Mike Venegoni

The Miners were washed out by the Pittsburg State Gorillas as well as the rain on Saturday at Jackling Field.

The Miners fell to 1-3 and 0-2 in the MIAA. The Gorillas came in with a 15 game winning streak and a 17 game unbeaten streak. The only game

in that streak that they did not win was a 6-6 tie to the Miners last year. Pittsburg State improved to a 4-0 and 2-0 in MIAA competition. They also will retain their No. 1 ranking in NCAA

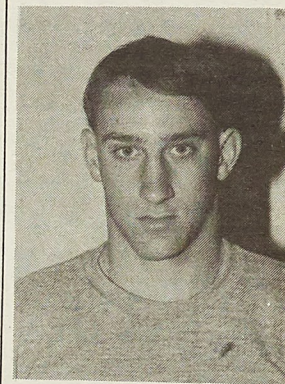
coaches must be alarmed by the stale offense as this is adding pressure on an over worked defense. Coach Anderson will take on Missouri-Western this weekend and maybe the offense will open up like it was in the first game. One brightnote for the Miner offense is Chris Alverson, who is a National leader in every receiving category. Hopefully the offense will click this weekend against the gritty Griffons.

UMR	21	17	0	7	-	45
Pitt. State	3	0	0	0	-	3

P - Moore 24 run (Wood Kick)  
P - Boone 22 punt Block (Wood Kick)  
P - Hutchins 1 run (Wood Kick) UMR-  
Listerud 24 F6  
P - Staten 24 pass from Hutchins (Kick failed)  
P - Moore 33 run (Sparkman pass from Hafner)  
P - Wood 23 F6  
P - Scott 10 run (Wood Kick)

## M-Club

Athlete of the week



M-Club  
Source

This week's athlete of the week is Pat Risner. Pat is a senior from Bixby, Oklahoma, majoring in mining engineering. He is a free safety on the Miner football team and he lead the defense with 17 tackles in the 29-14 loss to Northwest Missouri last week.

## Soccer and X-country continue good seasons

News Services  
Source

### Men's Soccer

After playing just three games since opening the season on Sept. 7, the schedule begins to pick up for the University of Missouri-Rolla men's soccer team this week as it plays twice on the road.

The Miners will travel to Lincoln University on Wednesday night in an attempt to bring their record to the .500 mark, then will take on McKendree College in Lebanon Ill., on Saturday. The Miners enter the week's action with a 1-2 record.

UMR lost its only game of the week to 12th-ranked Wisconsin-Parkside on Saturday by the score of 6-0. Both of UMR's losses this season have been to nationally-ranked teams, as it suffered an earlier defeat at the hands of New Hampshire College.

Jim Chapman (St. Louis/Hazelwood East) is the team's leading scorer with two goals and one assist.

### Women's Soccer

The UMR women's soccer team will also play three this week when it travels to Southern Illinois University at Edwardsville on Wednesday night and to Wheeling, W.V., to play two games over the weekend.

UMR will face Wheeling Jesuit College on Saturday and St. Francis (Pa.) on Sunday in the event hosted by Wheeling.

The Lady Miners lost twice last week, although only one of the two games counted against their record. UMR fell 3-0 to junior college power Meramec Community College in an exhibition game on Tuesday night, then dropped a 4-1 decision to Lindenwood College the following evening. UMR is now 2-1-1 on the season.

Tracy Kopetski (Regina, Sask., Canada) scored the lone Lady Miner goal in the loss. She leads the team with two goals, while freshmen Francie Hilding (Independence/Fort Osage) and Katie Masterman (Pittsford, N.Y.) have a goal and as assist to their credit.

### Cross Country

The UMR cross country teams will take part in a meet hosted by the University of Missouri-Columbia this Saturday, as the squads continue to gain valuable experience this season.

Freshman Bob Etien (Fort Wayne, Ind./Carroll) finished 35th overall at the Southern Stampede in Joplin on Saturday with a time of 26 minutes, 33 seconds over eight kilometers. Justin Tieken (Kearney) finished 56th overall in 27:33, while Steve Young (House Springs/Northwest) was in 62nd place in a time of 27:54. All three runners set personal best marks in the race.

Becky Wilson (Kirkwood) was the top runner again this week for the Lady Miners, as she completed the five-kilometer course in a personal best time of 19:18. Her 17th-place finish placed her tenth among the competitors from the Mid-America Intercollegiate Athletics Association.

Carla Wiebe (Rolla) was next among the Lady Miners in 41st place with a time of 21:50.

The Miners finished in 11th place overall, while the women took sixth place.

### Upcoming Schedule (Sept. 23 - Oct. 3, 1992)

Wednesday, Sept. 23 — Men's Soccer at Lincoln, Jefferson City.

Women's Soccer at Southern Illinois University - Edwardsville, Edwardsville, Ill.

Saturday, Sept. 26 — Football vs. Pittsburg State (Kan.), Jackling Field, 1:30 p.m. - Men's Soccer at McKendree (Ill.), Lebanon, Ill. - Women's Soccer at Wheeling College, Wheeling, W.V. - Men's and Women's Cross Country at Missouri Invitational, Columbia.

Sunday, Sept. 27 — Women's Soccer vs. St. Francis (Pa.), Wheeling, W.V.

Friday, Oct. 2 — Women's Soccer at

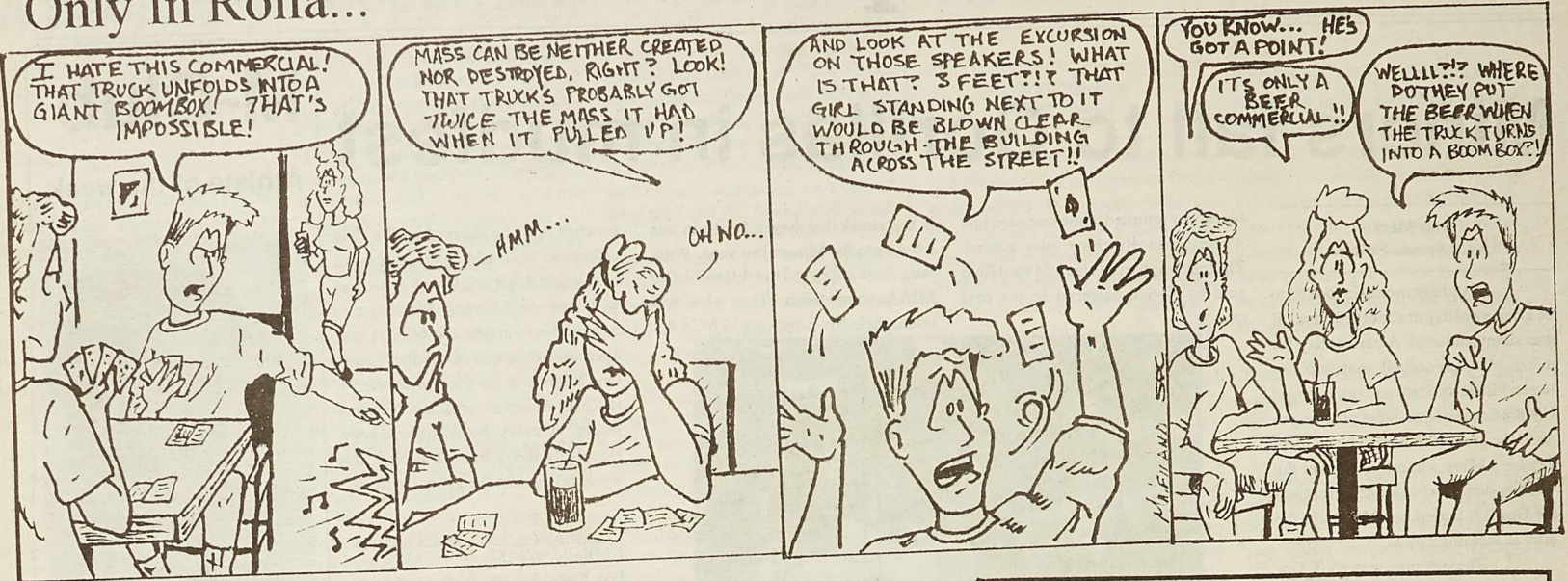
Washington University, St. Louis.

Saturday, Oct. 3 — Football at Missouri Western, St. Joseph. - Men's and Women's Cross Country at Southwest Missouri State Invitational, Springfield. - Women's Soccer vs. Drury, UMR Soccer Complex, 5 p.m. - Men's Soccer vs. Drury, UMR Soccer Complex, 7 p.m.

Now that you have the schedule of upcoming events, there's no excuse for you not to put down your books for two hours and maybe go show a little support. The men's and women's soccer teams are playing competitively with very few players. Many of the players on these teams are playing out of position because of this shortage. These players are putting in a lot of time to represent our university and they are doing a damn good job with what they've got. So, no more excuses, get out there and show your appreciation to these players and let's help them win.



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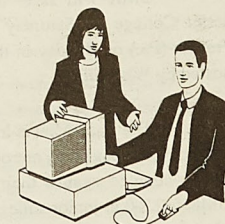
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The Computer Center has several hands-on tutorials available for students to check out and use, most of which are online. The following tutorials are available:



- PC and DOS 5.0 Fundamentals and Intermediate
- WordPerfect 5.1 Fundamentals
- WordPerfect 5.1 Advanced
- Quattro Pro 4 Fundamentals
- Quattro Pro 4 Intermediate
- Macintosh Basics
- Introduction to Excel 4
- Learning Excel 4
- Introduction to Unix and Vi
- Introduction to CMS and Xedit
- Introduction to Electronic Mail

Where: M/CS 104 and 108

When: 7:00 PM - 10:00 PM, on the first and third Mondays and the second and fourth Tuesdays of every month starting September 21st until November 16th.

No signups are required. A Helpdesk Consultant will be available to answer questions between 7:00 pm and 10:00 pm. Students using the tutorials have priority use of computers during these times. A description of each tutorial and instructions on how to access them are available from the Helpdesk Consultant.



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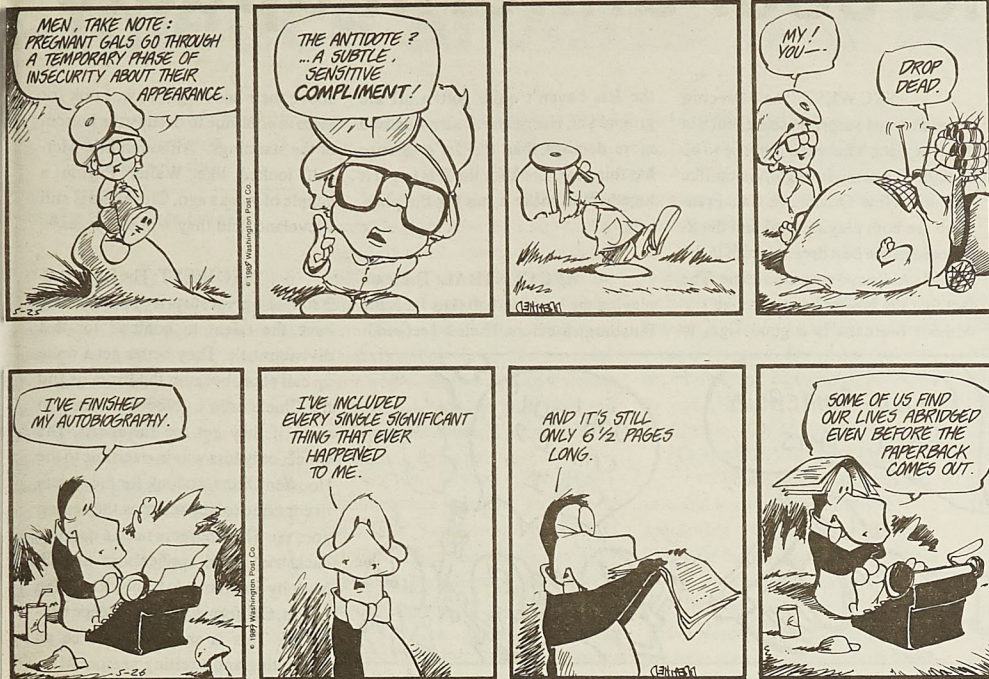
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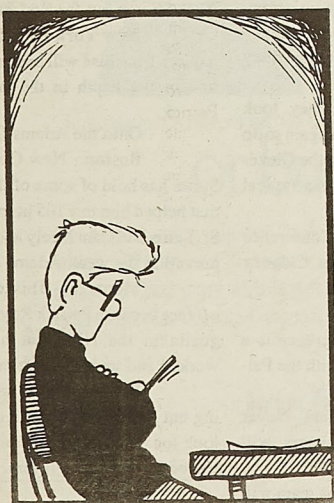
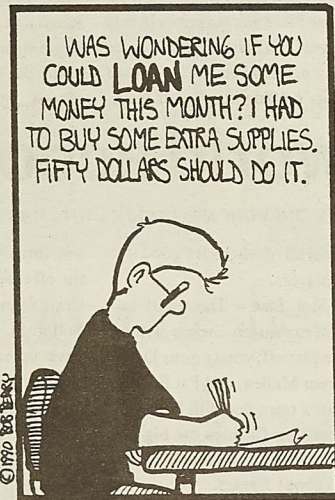
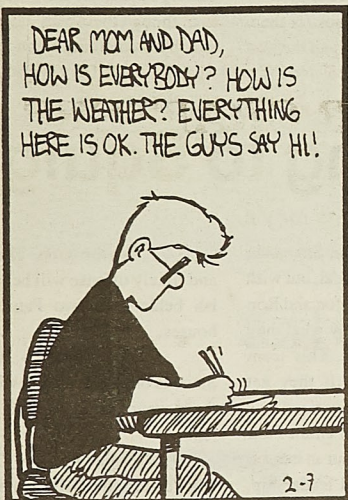
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AIM HIGH--AIR FORCE



# NFL surprise and cool uniform update

Tunch Ilkin  
Staff Writer

We are only 4 weeks into the NFL season and a great many surprises, and some not so great surprises have already occurred in this years season. There have been some surprising players and some not so surprising players this season. Here's a list of surprising team and players so far in the 1992 season.

**NFC EAST:** Not very many surprises in this division yet. The Cardinals haven't won & the Eagles and Cowboys have. Maybe the biggest surprise (to some writers, but not this one) is that the Giants are playing so poorly. Don't expect them to improve much either. Randall Cunningham has come off his knee surgery quite nicely and is leading the leagues's most dangerous offense with great poise. The biggest surprise player in this division by far is Herschel Walker. The so called washed up tailback has run very impressively for the Eagles, giving them the much needed compliment to their great passing offense. This might be the Eagles season.

**NFC CENTRAL:** The big-

gest surprise thus far in the Central Division is the Tampa Bay Buccaneers. Lead by their new coach Sam Wyche, The Bucs have progressed greatly in four game and have a 3-1 record.

There were many season's in which Tampa Bay didn't win that many times in 16 games. this writer feels that the turn around in the Bucs game is due

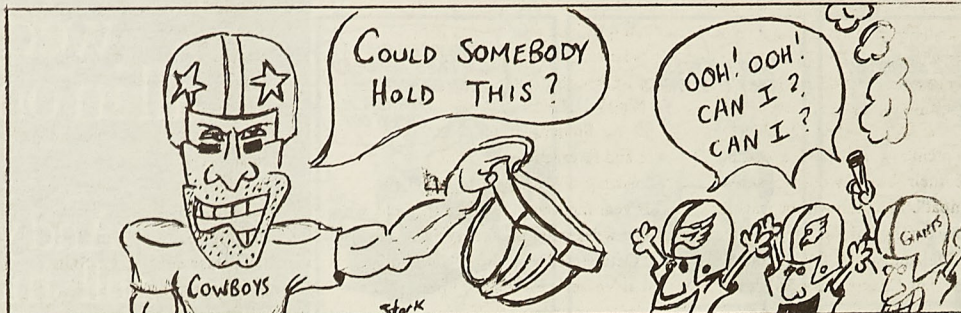
**NFC WEST:** The 1-3 record of the Falcons surprises some, but not me. They don't have the defense to be a factor in a semi-strong division like this one. New Orleans & San Francisco are both playing well and the 2-2 record of the best dressed team in the NFL (L.A. Rams) surprises some. The fact that the Niners keep winning without Montana is a good sign, to

the Jets haven't quite gotten off the ground yet, Hurricane Andrew caused more damage than the Jet's offense has this year. Look for the Jets to get it together and make a run for the playoffs.

**AFC CENTRAL:** The team playing the best football thus far is the Pittsburgh Steelers. Their 3-1 record is

above their head right now. Look for them to continue to occupy the bottom of the standings. Although Eric Metcalf looked like Walter Payton a couple of weeks ago, Cleveland is still Cleveland, and they will still lose.

**NFC WEST:** The Raiders 0-3 start is a great surprise because they have the talent to contend for this divisions title. They better get a wake up call soon, because the Broncos and the Chiefs aren't going to be easy to catch if they get too far ahead. The Chiefs only loss was in overtime to the Houston Oilers, so look for the Chiefs to continue to get better as the season goes on. The Chargers need a quarterback bad! Send applications to Jack Murphy Stadium, c/o Bobby Ross, San Diego, California. No experience necessary. This is shaping up to be an interesting and exciting season. My dark horse pick for the playoffs at this point is the Bucs. If they continue to play well, and continue to wear those cool pants, they will surprise a lot of people. I still believe the Oilers have the best shot at the Lombardi Trophy, even though their baby blue uniforms look like something Elton John would wear for an AIDS benefit. Enjoy the rest of the season.



mostly to their really cool, bright orange pants that they just started wearing this year. Honorable mention goes to the Green Bay Packers & The Minnesota Vikings who are both playing well under new coach. Look out for Green Bay's Brett Favre. He will do to Don Majkowski what Lou Gehrig did to Wally Pipp.

everyone but Montana.

**AFC EAST:** The Dolphins & The Bills are both undefeated, no surprise. The Colts and the Pats have one win between them, no surprise. So you ask, are there any surprises in this division, yes! The New York Jets are 0-4 and not playing very well. Touted by many as a potential playoff team,

their best start since their 1970's glory days. Don't expect it to last though. They will start to play within themselves and they won't make the playoffs. After an opening week loss to Pittsburgh, the Oilers have looked tough and are now 3-1. Look for them to get stronger and make it all the way to the Super Bowl, as I predicted a few weeks ago. Cincinnati is playing

## 1992 NHL season: the world according to Squiggy

*Now that fighting is a penalty, you're probably wondering why watch, but your ole buddy Chris has a few reasons for ya.*

Squiggy  
Staff Writer

There is about a week and a half till once again the sport that incorporates the grace of figure skating, the power of football, the patience of soccer, and strategy of baseball gets under way. That is correct! The 76th NHL season gets under way with two new teams: The Tampa Bay Lightning and The Ottawa Senators.

The big news has come from two sources this preseason: first: Wayne Gretzky will be out indefinitely with a severe back problem. His career is in jeopardy as is his permanent health status. On a brighter note this past Wednesday a monumental occasion happened when The Lightning featured woman goaltender Manon Rheume against the Blues in a preseason game. She performed admirably and Tampa Bay GM Phil Esposito stand firm that Rheume has a chance to make the team.

The question will be asked who will win what, where and how. In hockey who knows. It is the hardest sport to predict because the regular season serves only to finish in the top 4 in your division. Let us see if we can give a possible prediction, which of

course is worthless, but interesting nonetheless.

Let's start with the Campbell Conference and the Smythe Division:

**Vancouver** - This team has really come along way and continues to improve behind Goalie John McLean an offensive Sparkplugs Cliff Ronning, Trevor Linden, and Geoff Courtall. They surprised everyone, but they will continue to play stable hockey.

**Calgary** - This is an offensive machine or should be. Anchored by Theo Flueury and Al MacInnis. This team is just healthy season away from another great year.

**Winnipeg** - This team along with the Canucks are improving exponentially. Phil Housley and Ed Okzyk are the offensive force. Keeper Tony Essensa will help keep this team in every game.

**Los Angeles** - This is a talent packed team who is basically the Oilers of the 1980's. the team is old, wise, and very clever. They will shag the final playoff Spot.

**Edmonton** - From dynasty to disaster in three years. This franchise traded away every thing, Messier, Gretzky, Furr, and Kurri That was the backbone of dynasty now they have, Ranford, Damphousse, Murphy,

and Nichols all of whom are good second line players.

**San Jose** - They will improve, but expansion means a long haul to the playoff, young guns David Bruce, Brian Mullen, and Pat Falloon will anchor a team that will be fed by IHL Turner Cup Champs the big bad Kansas City Blades. Watch out for the Sharks in about 3 years.

Now lets go the meanest and most improved Division, The Norris:

**Chicago** - As much as I hate the Hawks Jeremy Roenick and Ed Belfour anchor probably the toughest and best coached team in the NHL. This team will look to repeat as Campbell Conference Champions and they should if they survive their own division.

**Detroit** - This team is free wheeling, fast, and powerful. They play as wide open as any team, but defense holds them back as Goalie Tim Cheveldae and Vince Riendeau will get hammered. Look for this team to falter in the playoffs due to lack of defense.

**St. Louis** - One player makes this offense: Brett Hull. He is the most prolific goal scorer in NHL History. Goalie Curtis Joseph should move into the NHL elite as a keeper. If you add in 2nd year speedster Nel-

son Emerson and Brendan Shanahan the offense should be typical, but with Craig Janney, Phillippe Bozon and Ron Sutter. St. Louis lacks only what they gave up in Adam Oates. This team should turn some heads if they get under new coach Bob Plager.

**Toronto** - With Grant Fuhr in goal and Doug Gilmour at center. This team has talent and leadership. They come just short last year. They will ease in to the playoffs this year.

**Minnesota** - They are a team that plays well in the playoffs, but if they don't improve before then they will fall short.

**Tampa Bay** - They look good in pre-season but then again so do the Phoenix, Cardinals and the Cleveland Indians. They will be a typical expansion team.

The Campbell Conference will feature Chicago versus Calgary with the Hawks prevailing.

The Wales conference is a very easy to call starting with the Patrick:

**New York Rangers** - Never mind Pittsburgh, the Rangers will prevail in the regular season.

**Pittsburgh** - This team will finish #2 but #1 after it is all said and done.

**Washington** - Their defense and timely offense will help them finish behind the two Patrick Powerhouses.

**New Jersey** - With Scott Stevens on defense they will squeeze their way onto a play off slaughter table.

**Philadelphia** - This team will feature the NHL'S most wanted man Eric Lindros. He is going to get pumpled on his way to Rookie of the Year. Watch out for Rod Brindamoor.

**New York Islanders** - This hapless franchise will once again wallow in the depth in the talent Rich Patrick.

Onto the Adams Division:  
**Boston** - New Coach Brian Sutter has hold of some of the players that helped him to a 105 pt season with St. Louis add Cam Neely and they will prevail in the weak Adams division.

**Montreal** - This team needs offense because Patrick Roy is the best goalin in the NHL but he is over worked and under supported.

**Buffalo** - They are improving but if they don't finish over .500 look for winger Dale Huwercuk to be traded for younger players.

see Hockey, page 13



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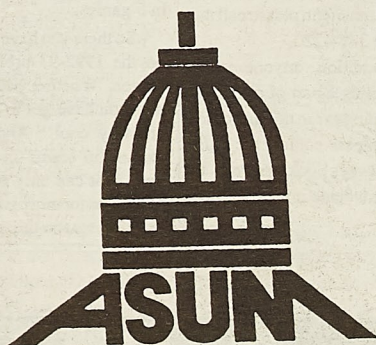
**2001 Forum Drive**

## Cap and Gown Measurements

Collegiate cap and gown will be taking measurements for fall commencement on Thursday Oct. 1, 1992 at the UMR Bookstore, from 8am to 4pm.

PHD students and faculty will have to be measured for rentals. Orders do not have to be placed at this time.

For Bachelor and Master students, a range of sizes will be ordered. To help us estimate the size ranges, please stop by to give us your height and cap size.



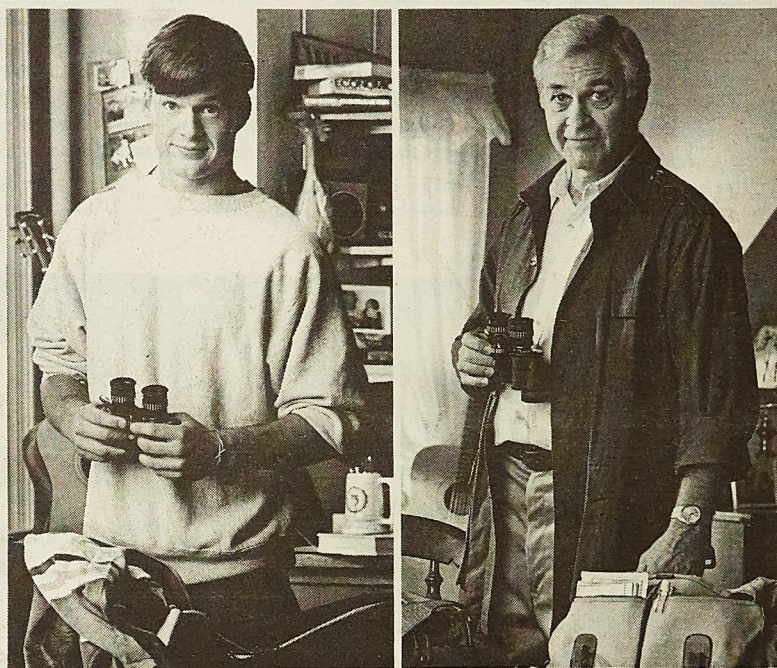
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of state  
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**-Ken Jacob  
State Representative**

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# Co-op Employment

## October, 1992 Co-op Sign-ups

### CO-OP EMPLOYMENT OPPORTUNITIES

Sign-up location: 303D Norwood Hall  
Co-op Office

Sign-up hours: 8:00am - 11:30am  
1:00pm - 4:15pm

Additions and/or changes to the Co-op interview schedules, will be posted in the Co-op Office.

\*\*\*\*\*

Interview date: Thursday, October 8, 1992

LEXMARK  
Lexington, Kentucky

Interviewing: Electrical Engineers, Computer Science,  
Mechanical Engineers, Chemical Engineers

Requirements: 3.0 - 3.5 GPA completing sophomore year

Sign-up date: Thurs., Oct. 1, 1992

1 schedule - 12 interview openings

\*\*\*\*\*

Interview date: Friday, October 16, 1992

NORANDA ALUMINUM  
New Madrid, Missouri

Interviewing: (3) Engineering Management  
(2) Electrical Engineers  
(2) Mechanical Engineers  
(3) Metallurgical Engineers

Requirements: 2.7 GPA or above, Junior level

Sign-up date: Thursday, Oct. 1, 1992

1 schedule - 10 interview openings

\*\*\*\*\*

COOPER POWER SYSTEMS  
Frankville, Wisconsin

Interviewing: Electrical Engineers

Requirements: 3.3 GPA or above. Academic level of applicants: at least 30-59 credit hours completed at the end of the present semester.

Turn in resumes: Thursday, Oct. 1, 1992

RESUMES ONLY. IF YOU WOULD LIKE TO BE CONSIDERED FOR CO-OP EMPLOYMENT WITH THE ABOVE COMPANY, PLEASE TURN IN A COPY OF YOUR CO-OP RESUME TO THE CO-OP OFFICE ON THE ABOVE DATE. YOU WILL BE NOTIFIED DIRECTLY FROM COOPER POWER SYSTEMS IF THEY ARE INTERESTED IN INTERVIEWING YOU.

## PRESCREEN SCHEDULE

### CO-OP EMPLOYMENT

SIGN-UP FOR DEERE AND COMPANY, CO-OP INTERVIEWS

TURN IN RESUMES: THURSDAY, OCTOBER 1, 1992

WHERE: 303D NORWOOD HALL, CO-OP OFFICE

TIMES: 8:00AM - 11:30AM, 1:00PM - 4:15PM

INTERVIEWING: ELECTRICAL ENGINEERS AND  
MECHANICAL ENGINEERS

REQUIREMENTS: 2.7 GPA OR ABOVE. ACADEMIC LEVEL OF APPLICANTS: AT LEAST 29 CREDIT HOURS COMPLETED AT THE END OF THE PRESENT SEMESTER. US CITIZEN OR PERMANENT RESIDENT VISA.

THE ACTUAL INTERVIEW DATE WILL BE THURSDAY, OCTOBER 22, 1992

DEERE AND COMPANY, WORK LOCATIONS IN IOWA AND ILLINOIS, HAS REQUESTED THAT WE FURNISH THEM WITH RESUMES FOR PRE-SCREENING. WE WILL ACCEPT AS MANY CO-OP RESUMES AS WE CAN COLLECT. JUST DROP OFF A COPY OF YOUR CO-OP RESUME ON THE ABOVE SIGN-UP DATE. AFTER PRE-SCREENING, DEERE AND COMPANY WILL SEND THE CO-OP OFFICE A LIST OF STUDENTS THEY ARE INTERESTED IN INTERVIEWING. THE LIST SHOULD BE POSTED IN THE CO-OP OFFICE BY MONDAY, OCTOBER 19, 1992.

NOTE: To participate in co-op, you must meet the following requirements:

enroll and pass 12 credit hours - full-time status, 6 credit hours in the summer

semester and overall gpa must be at least a 2.0

not be on scholastic probation

work schedules approved: summer and fall together, spring and summer together, alternating work/school, work/school, etc. SCHEDULE NOT APPROVED: WORK FALL AND SPRING TOGETHER. YOU MUST NOT BE AWAY FROM CAMPUS FOR A FULL YEAR, SUCH AS A FALL AND SPRING SEMESTER TOGETHER. THIS WILL NOT BE CALLED CO-OP. WORKING JUST SUMMERS IS NOT CONSIDERED CO-OP.

Please notify the Co-op Office immediately if you accept a co-op job.

IOWA DEPARTMENT OF TRANSPORTATION  
Work locations: any of 20+ locations in Iowa or at the Central Complex in Ames, Iowa

Interviewing: Civil Engineers

Requirements: 2.0 GPA or above. at least 59 credit hours completed at the end of the present semester.

Turn in resumes: Monday, October 5, 1992

RESUMES ONLY. IF YOU WOULD LIKE TO BE CONSIDERED FOR CO-OP EMPLOYMENT WITH THE ABOVE COMPANY, DROP OFF A COPY OF YOUR CO-OP RESUME AT THE CO-OP OFFICE ON THE ABOVE DATE. STUDENTS WILL BE NOTIFIED DIRECTLY FROM IOWA DEPT. OF TRANSP. IF THEY ARE INTERESTED IN INTERVIEWING YOU.

\*\*\*\*\*

PAUL MUELLER COMPANY  
Springfield, Missouri

Interviewing: Chemical Engineers, Computer Science, Electrical Engineers, Engineering Management, Mechanical Engineers, and Metallurgical Engineers

Requirements: 3.0 GPA or above. At least 80 credit hours completed at the end of the present semester.

start work spring or summer 93

Turn in resumes: Monday, October 5, 1992

RESUMES ONLY. IF YOU WOULD LIKE TO BE CONSIDERED FOR CO-OP EMPLOYMENT WITH THE ABOVE COMPANY, PLEASE DROP OFF A COPY OF YOUR CO-OP RESUME TO THE CO-OP OFFICE ON THE ABOVE DATE. PAUL MUELLER COMPANY WILL CONTACT YOU DIRECTLY IF THEY ARE INTERESTED IN INTERVIEWING YOU.

\*\*\*\*\*

WOLF CREEK NUCLEAR OPERATING  
Wichita, Kansas

Interviewing: Nuclear Engineers

Requirements: no requirements listed

Turn in resumes: Monday, October 5, 1992

RESUMES ONLY. IF YOU WOULD LIKE TO BE CONSIDERED FOR CO-OP EMPLOYMENT WITH THE ABOVE COMPANY, PLEASE DROP OFF A COPY OF YOUR CO-OP RESUME AT THE CO-OP OFFICE ON THE ABOVE DATE. YOU WILL BE NOTIFIED DIRECTLY FROM WOLF CREEK IF THEY ARE INTERESTED IN INTERVIEWING YOU.

\*\*\*\*\*



GENERAL MOTORS  
Wentzville, Missouri

Interviewing: Engineering Management, Mechanical Engineers, and Electrical Engineers

Requirements: 3.0 GPA or above. sophomores or juniors

Turn in resumes: Wed., Oct. 7, 1992

RESUMES ONLY. IF YOU WOULD LIKE TO BE CONSIDERED FOR CO-OP EMPLOYMENT WITH THE ABOVE COMPANY, PLEASE DROP OFF A COPY OF YOUR CO-OP RESUME AT THE CO-OP OFFICE ON THE ABOVE DATE. GM WENTZVILLE WILL CONTACT YOU DIRECTLY IF THEY ARE INTERESTED IN INTERVIEWING YOU.

\*\*\*\*\*

IBM CORPORATION  
Boca Raton, Florida

Interviewing: Computer Science, Electrical Engineers

Requirements: 3.0 GPA or above. Should have taken or taking a minimum of 2 classes in your major.

Turn in resumes: Wed., Oct. 7, 1992

RESUMES ONLY. IF YOU WOULD LIKE TO BE CONSIDERED FOR CO-OP EMPLOYMENT WITH THE ABOVE COMPANY, PLEASE DROP OFF A COPY OF YOUR CO-OP RESUME AT THE CO-OP OFFICE ON THE ABOVE DATE. IBM IN FLORIDA WILL CONTACT YOU DIRECTLY IF THEY ARE INTERESTED IN INTERVIEWING YOU.

\*\*\*\*\*

Interview date: Wednesday, October 21, 1992

LITTON INDUSTRIES  
Springfield, Missouri

Interviewing: Chemical Engineers, Electrical Engineers, Mechanical Engineers

Requirements: 2.5 GPA or above. at least 45 credit hours completed at the end of the present semester.

start work spring 93

Sign-up date: Wed., Oct. 7, 1992

2 interview schedules - 24 interview openings

\*\*\*\*\*

SUNRISE/IAD  
Kansas City, Missouri

Interviewing: Electrical Engineers, Engineering Management, and Mechanical Engineers

Requirements: 3.2 gpa or above. USA Citizen. at least 50 credit hours completed at the end of the present semester.

start work summer or fall 93

Turn in resumes: Tuesday, Oct. 20, 1992

RESUMES ONLY. IF YOU WOULD LIKE TO BE CONSIDERED FOR CO-OP EMPLOYMENT WITH THE ABOVE COMPANY, TURN IN A COPY OF YOUR CO-OP RESUME TO THE CO-OP OFFICE ON THE ABOVE DATE. SUNRISE/IAD WILL CONTACT YOU DIRECTLY IF THEY ARE INTERESTED IN INTERVIEWING YOU.

\*\*\*\*\*

Interview date: Monday, November 2, 1992

MONSANTO AGRICULTURAL DIVISION  
St. Louis, Missouri

Interviewing: Electrical Engineers and Chemical Engineers

Requirements:

Sign-up date: Monday, Oct. 19, 1992

2 schedules - 26 interview openings

Information meeting Sunday, October 18, 1992  
7-9pm, Missouri Room, Univ. Ctr.-East  
Please attend

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USDA-SOIL CONSERVATION SERVICE  
Various work locations throughout Missouri

Interviewing: Civil Engineers

Requirements: 2.0 GPA or above. US Citizenship required.

Turn in resumes: Thursday, Oct. 8, 1992

RESUMES ONLY. IF YOU WOULD LIKE TO BE CONSIDERED FOR CO-OP EMPLOYMENT WITH THE ABOVE COMPANY, PLEASE TURN IN A COPY OF YOUR CO-OP RESUME AT THE CO-OP OFFICE ON THE ABOVE DATE. USDA-SOIL CONSERVATION WILL CONTACT YOU DIRECTLY IF THEY ARE INTERESTED IN INTERVIEWING YOU.

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Interview date: Tuesday, Oct. 27, 1992  
Wednesday, Oct. 28, 1992

OLIN CORPORATION  
E. Alton, Illinois

Interviewing: Mechanical Engineers, Metallurgical Engineers, Chemical Engineers, Electrical Engineering, Engineering Management

Requirements: 2.5 gpa or above, US Citizenship

at least 59 credit hours completed at the end of the semester for Mechanical, Engineering Management, and Chemical

at least 29 credit hours completed at the end of the semester for Metallurgical and Electrical Engineers

Sign-up date: Monday, October 12, 1992

2 schedules - 26 interview openings

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KANSAS CITY TESTING LABORATORIES  
Leawood, Kansas

Interviewing: Civil Engineers, Geology, and Geological Engineers

Requirements: 3.0 GPA or above. Sophomore level or above.

start work spring or summer 93

Turn in resumes: Tuesday, October 20, 1992

RESUMES ONLY. IF YOU ARE INTERESTED IN CO-OP EMPLOYMENT WITH THE ABOVE COMPANY, PLEASE TURN IN A COPY OF YOUR CO-OP RESUME TO THE CO-OP OFFICE ON THE ABOVE DATE. THE COMPANY WILL CONTACT YOU DIRECTLY IF THEY ARE INTERESTED IN INTERVIEWING YOU.

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NAVAL RESEARCH LABORATORY  
Washington, DC

Interviewing: Aerospace Engineers, Math, Ceramic, Chemical, Chemistry, Computer Science, Electrical, Geophysics, Mechanical, Physics, and Management Systems

Requirements: 2.5 GPA or above. At least 30 credit hours completed at the end of the semester.

start work spring or summer 93

Turn in resumes: Wed., Oct. 21, 1992

RESUMES ONLY. IF YOU WOULD LIKE TO BE CONSIDERED FOR CO-OP EMPLOYMENT WITH THE ABOVE COMPANY, PLEASE TURN IN A COPY OF YOUR CO-OP RESUME TO THE CO-OP OFFICE ON THE ABOVE DATE.

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## ADDITION TO OCTOBER 1992 CO-OP INTERVIEW SCHEDULE

Interview date: Monday, Oct. 19 & Tuesday, Oct. 20, 1992

ASSOCIATED ELECTRIC  
Clifton Hill, Missouri

Interviewing: Civil Engineers  
Mining Engineers  
Mechanical Engineers  
Geological Engineers  
Geology

Requirements: 2.0 GPA or above

Sign-up date: Monday, Oct. 5, 1992

1 schedule - 13 interview openings

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Interview date: Thursday, October 29, 1992

EMERSON ELECTRIC  
Ava, Missouri

Interviewing: Mechanical Engineers

Requirements: 2.0 GPA or above.

Sign-up date: Tuesday, October 20, 1992

2 schedules - 24 interview openings

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NASA - JOHN F. KENNEDY SPACE CENTER  
FLORIDA

INTERVIEWING: Electrical Engineers  
Mechanical Engineers  
Engineering Management  
Computer Science

Requirements: 2.5 GPA or above, US Citizenship required. Sophomores or Juniors, no seniors

Request Co-op Office to send your resume to NASA on Thursday, October 22, 1992 only. Pick up government form 171 on Oct. 22.

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# Placement

UNIVERSITY OF MISSOURI-ROLLA  
Office of Career Placement & Cooperative Training  
301 Norwood Hall

WEEKLY DETAIL LIST #6  
Week of October 26-30, 1992

## PERMANENT EMPLOYMENT

## PRESCREENED INTERVIEWS

NORTHERN ILLINOIS GAS  
P.O. Box 190  
Aurora, IL 60507-0190  
attn: Ms. Toni Hill

NUMBER OF SCHEDULES: 1  
MAJORS: BS/Civil, Mechanical, or Industrial Engineering  
POSITION: Engineering  
LOCATION: Naperville, IL  
INTERVIEWING: December 1992 or May 1993 grads  
MINIMUM G.P.A.: 2.5

DEADLINE FOR TURNING IN RESUMES: Tuesday, October 6, 1992  
INTERVIEW DATE: October 20, 1992

## NOTICE:

IBM will interview on campus Oct. 27-28, 1992  
8:00 a.m. to 5:00 p.m., Centennial Hall  
Additional Information is not available at this time.

INTERVIEWS FOR MAYTAG (OCT. 28) HAVE BEEN CANCELLED.

SEPTEMBER 30, 1992 INTERVIEW DATE FOR INGERSOLL RAND HAS BEEN CANCELLED.

THERE ARE NO SUMMER JOB INTERVIEWS SCHEDULED DURING THIS WEEK.

U.S. CENTRAL INTELLIGENCE AGENCY  
P.O. Box 9013  
St. Louis, MO 63102  
attn: Mr. Wendell Lewis

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS Electrical, Mechanical, Aerospace, Industrial, Metallurgical, Nuclear Engineering for satellite communications; electro-optical; telecommunications; digital, analog, and logic design; VHF/UHF microwave transmission; microprocessor applications, antenna theory and design; signal processing; and facilities engineering  
BS/MS Computer Science: Research, analyze, design, modify, install, enhance, and maintain sophisticated systems and networks.  
Washington, D.C./Northern Virginia area  
LOCATION: recent graduates, December 1992 or May, July 1993 grads  
INTERVIEWING: U.S. Citizenship is required  
CITIZENSHIP: 3.0  
MINIMUM G.P.A.: 3.0

DEADLINE FOR TURNING IN RESUMES: Tuesday, October 6, 1992  
INTERVIEW DATE: October 27, 1992

OLIN  
407 N. Shamrock  
707 Berkshire Bldg. Rom 210  
East Alton, IL 62024  
attn: Ms. Angela Standerfer

NUMBER OF SCHEDULES: 1  
MAJORS: BS Metallurgical or Mechanical Engineering, Engineering Management  
POSITION(s): Manufacturing Supervisory Trainee (BS/ME, I.E., MetE); Market Development Engineer Trainee - Fineweld Tube (BS/MetE, ME). Details will be posted at the time of interview signups  
LOCATION: St. Louis & Cuba, MO  
INTERVIEWING: December 1992 or May 1993 grads  
MINIMUM G.P.A.: 2.5  
CITIZENSHIP: U.S.

DEADLINE FOR TURNING IN RESUMES: Tuesday, October 6, 1992  
INTERVIEW DATE: October 27, 1992

CURA, INC.  
6031 S. Loop East  
Houston, TX 77033  
attn: Ms. Judy Talkington

NUMBER OF SCHEDULES: 1  
MAJORS: BS/Environmental Engineering (all degrees)  
POSITION: Environmental Engineering  
LOCATION: Houston, TX  
INTERVIEWING: recent grads, December 1992 grads

DEADLINE FOR TURNING IN RESUMES: Tuesday, October 6, 1992  
INTERVIEW DATE: October 27, 1992

## GENERAL ELECTRIC AIRCRAFT ENGINES

attn: Ms. Anne Kuhn  
College and University Relations  
GE Aircraft Engines  
One Neumann Way, M/D C-15  
Cincinnati, OH 45215-6301

NUMBER OF SCHEDULES: 1-Oct. 27; 1-Oct. 28  
MAJORS: BS/MS Aerospace, Mechanical, Electrical, Metallurgical & Engineering Mechanics for Engineering Development Program; BS/MS Mechanical, Electrical or Industrial Engineering for Manufacturing Development Program; BS/MS Industrial Engineering, Mechanical or Electrical Engineering for Sourcing Development Program - Details will be posted at the time of interview signups  
LOCATION: Cincinnati, OH  
INTERVIEWING: December 1992 or May 1993 grads  
CITIZENSHIP: U.S. Citizens or persons otherwise legally permitted to work in the U.S.  
MINIMUM G.P.A.: 3.0

DEADLINE FOR TURNING IN RESUMES: Tuesday, October 6, 1992  
INTERVIEW DATES: October 27-28, 1992

## GENERAL ELECTRIC INDUSTRIAL & POWER SYSTEMS

attn: Juanita Doggett  
Program Manager, Salaried Relations  
1501 Roanoke Blvd., Room 118A  
Salem, VA 24152

NUMBER OF SCHEDULES: 1-Oct. 27  
MAJORS: BS Electrical Engineering for Development & Design Engineer, BS/Electrical or Mechanical Engineering for Automation Control Engineer, BS/Electrical Engineering or Computer Science for Software Designer  
LOCATION: Salem, VA  
INTERVIEWING: December 1992 or May 1993 grads  
CITIZENSHIP: GE will consider for employment all persons who have evidence that they are authorized to work in the United States for an indefinite period and who are available for full time positions for an unspecified duration.

DEADLINE FOR TURNING IN RESUMES: Tuesday, October 6, 1992  
INTERVIEW DATE: October 27, 1992



**GENERAL ELECTRIC MANUFACTURING MANAGEMENT PROGRAM**

attn: Steven Cabrera  
GE CBD - Audit Staff  
3135 Easton Turnpike - E1G  
Fairfield, CT 06431

NUMBER OF SCHEDULES: 2-Oct. 27; 2-Oct. 28  
MAJORS: BS/MS Electrical or Mechanical Engineering, Industrial Engineering  
POSITION: Engineer-Manufacturing Management Program; Two year entry-level program to expand the competence of engineers desiring a career in technical leadership  
LOCATION: Various throughout continental U.S. Geographic moves on program required.  
INTERVIEWING: December 1992 or May 1993 grads  
MINIMUM G.P.A.: Top quarter of class; manufacturing/engineering work experience  
CITIZENSHIP: GE will consider for employment all persons who have evidence that they are authorized to work in the U.S. for an indefinite period and who are available for full-time positions for an unspecified duration

DEADLINE FOR TURNING IN RESUMES: Tuesday, October 6, 1992  
INTERVIEW DATES: October 27-28, 1992

STUDENTS MUST PROVIDE THE INTERVIEWER A COMPLETED GE INFORMATION FORM CONTAINED IN THE GE CAMPUS RECRUITING BROCHURE: FAST-CREATIVE-COMPETITION.

**GENERAL ELECTRIC TECHNICAL SALES PROGRAM**

attn: Mr. Mike Morris  
GE I&PS/USD  
10550 Barkley  
Overland Park, KS 66201

NUMBER OF SCHEDULES: 1-October 27, 1992  
MAJORS: BS/Electrical, Mechanical or Power Engineering  
POSITION: Technical Sales Program  
This program provides on-the-job assignments in field sales offices and product businesses and includes sales and marketing courses given by GE's Management Development Institute. Program requires flexibility.  
LOCATION: Various  
INTERVIEWING: December 1992 or May, July 1993 grads  
MINIMUM G.P.A.: ACADEMIC STANDING MUST BE IN UPPER THIRD OF CLASS.  
CITIZENSHIP: GE will consider for employment all persons who have evidence that they are authorized to work in the U.S. for an indefinite period and who are available for full-time positions for an unspecified duration.

DEADLINE FOR TURNING IN RESUMES: Tuesday, October 6, 1992  
INTERVIEW DATE: October 27, 1992

**ELI LILLY AND COMPANY**

P.O. Box 685  
Lafayette, IN 47902  
attn: Mr. James Weber

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS Chemical Engineering for Process, Product & Technical Serv. BS/MS Civil Engineering for Structural & Project Engineer  
LOCATION: Indianapolis & other Indiana plants  
INTERVIEWING: December 1992 or May 1993 grads  
CITIZENSHIP: U.S. Citizen or Permanent Resident

DEADLINE FOR TURNING IN RESUMES: Tuesday, October 6, 1992  
INTERVIEW DATE: October 30, 1992

ADDITION FOR WEEK OF OCT. 19-23, 1992

**ILLINOIS POWER COMPANY**

500 S. 27th St.  
Decatur, IL 62525  
attn: Mr. Robert Teel

NUMBER OF SCHEDULES: 1-NON-NUCLEAR  
MAJORS: BS/Electrical Engineering ONLY  
POSITION: Planning Engineer - Project and analyze future electric demand; formulate plans to meet future power demands in a reliable economic manner; Electrical Engineer: Develop designs for transmission, substation, distribution, metering and communication facilities; Service Area Engineer: Design of facilities to provide electric and gas energy to customers. For Planning & Electrical Engrs. - Central, IL and Headquarters; For Service Area Engrs. - Central and Southern IL  
LOCATION: DECEMBER 1992 GRADS ONLY  
INTERVIEWING: 2.8  
MINIMUM G.P.A.: U.S. Citizenship or unlimited right to work  
CITIZENSHIP:

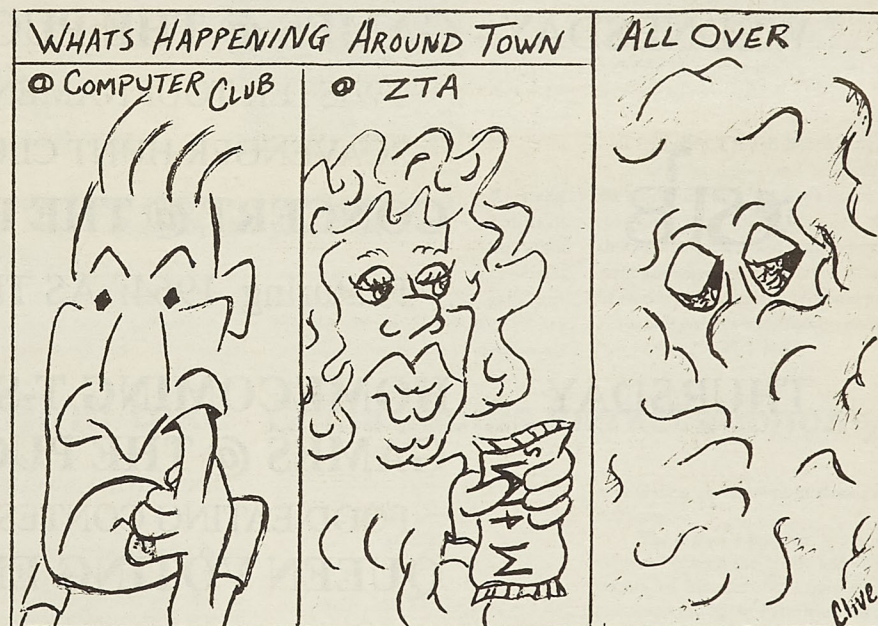
DEADLINE FOR TURNING IN RESUMES: Tuesday, October 6, 1992  
INTERVIEW DATE: October 22, 1992

**ILLINOIS POWER COMPANY**

500 S. 27th St.  
Decatur, IL 62525  
attn: Mr. Robert Teel

NUMBER OF SCHEDULES: 1- NUCLEAR STATION  
MAJORS: BS/Mechanical, Nuclear & Electrical Engineering  
POSITION: Electrical, Mechanical & Nuclear Engineers -- details will be posted at the time of interview signups  
LOCATION: Clinton Power Station  
INTERVIEWING: MAY 1993 GRADS ONLY  
MINIMUM G.P.A.: 2.8

DEADLINE FOR TURNING IN RESUMES: Tuesday, October 6, 1992  
INTERVIEW DATE: October 22, 1992  
PLEASE IDENTIFY ON RESUME NUCLEAR OR NON-NUCLEAR FOR ILLINOIS POWER COMPANY.

**Library**

from page 1

Call (4007) or stop by the Reference Desk to arrange a time to perform your search. Staff will log you directly into FirstSearch.

FirstSearch will offer you a glimpse of your information future when databases of national repute will be available from home or office, each searchable using the same easy-to-learn search interface. Electronic do-it-yourself services like FirstSearch

will play an increasingly important role in helping meet your need for information. The level of searching

activity during this trial period will help the Library determine the most efficient, cost-effective way to offer this service on a permanent basis.

Please try it. And once you've tried it, please let the Library know what you think. Evaluation forms are available on request.

**Car**

from page 1

the University of Missouri-Columbia team, and a team from Iowa State, where former Chancellor Martin C. Jischke now presides). The race is a 1,000-mile trike that begins June 20 in

Dallas and is scheduled to end June 26 in Minneapolis.

After Sunrayce '93 comes the World Solar Challenge in Australia. UMR is one of a handful of U.S. universities selected to compete in that contest.

"This will be a real thrill for me and the rest of the team," Shapiro says.

"Just being involved in the races is a once-in-a-lifetime opportunity. And it is great to have the opportunity to help build a car that can travel very long distances on very little energy."

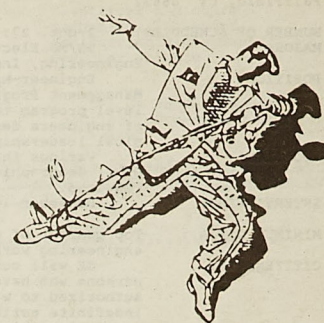
Sunrayce, which is held every other year is sponsored by the U.S. Department of Energy, the U.S. Environmental Protection Agency, General Motors, Chevrolet, the Midwest Research Institute, the Society of Automotive Engineers and the Canadian Department of Energy, Mines and Resources.

The race is designed to showcase the capabilities of young scientists and engineers as well as demonstrate that the sun is a viable energy source and promote solar energy and electric vehicles as environmentally sound energy options.

The first project sponsor for UMR's solar car project is Williams Telecommunications (WitTel) (in Tulsa, Okla.) Associate sponsors for the project include Autodesk Inc. (in Sausalito, Calif.), Eltek Metals (in Alloy, West Va.), and Missouri Public Service (in Kansas City, Mo.)



**MSM-UMR HOMECOMING 1992**  
**"ROCKIN' THRU THE AGES"**  
**OCTOBER 5 - 10, 1992**



**MONDAY - QUEEN VOTING BEGINS 9 AM**  
**GAMES @ THE PUCK 12:30 PM**  
"NAME THAT TUNE" & POGO STICK  
**COMEDY NITE @ THE PUCK 8pm**  
Featuring DON REESE



**TUESDAY - GAMES @ THE PUCK 12:30PM**  
JELLO WRESTLING  
FAMOUS ROCK STAR LOOK-ALIKE W/ Lip Syn  
SCAVENGER HUNT CLUES 1 & 2

**WEDNESDAY - GAMES @ THE PUCK 12:30PM**  
TWISTER TOURNAMENT & HULA HOOP  
SCAVENGER HUNT CLUES 3 & 4  
**CONCERT @ THE PUCK 8PM**  
Featuring 1964: AS THE BEATLES



**THURSDAY - HOMECOMING T-SHIRT DAY!**  
**GAMES @ THE PUCK 12:30PM**  
FOOD EATING CONTESTS & DANCE CONTEST  
**QUEEN VOTING ENDS 2PM**

**FRIDAY - GAMES @ THE PUCK 12:30PM**  
RECORD TOSS, EGG CATAPULT & JINGLE  
**ICE CREAM SOCIAL 1PM**  
**ALUMNI/STUDENT GOLF TOURNY 1-4PM**



**SATURDAY - "FUN & GAMES BEFORE THE GAME"**  
FOOD, MUSIC & A VELCRO WALL !!  
**CORONATION OF HOMECOMING QUEEN**  
AT HALF -TIME



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