



16 Sep 1992

## The Missouri Miner, September 16, 1992

Follow this and additional works at: [https://scholarsmine.mst.edu/missouri\\_miner](https://scholarsmine.mst.edu/missouri_miner)

These newspapers reflect the attitudes, perspectives, and beliefs of different times. Neither the library nor the university endorses the views expressed in these collections, some of which contain images and language which may be offensive to some readers.

---

### Recommended Citation

"The Missouri Miner, September 16, 1992" (1992). *The Missouri Miner Newspaper*. 2615.  
[https://scholarsmine.mst.edu/missouri\\_miner/2615](https://scholarsmine.mst.edu/missouri_miner/2615)

This Newspaper is brought to you for free and open access by Scholars' Mine. It has been accepted for inclusion in The Missouri Miner Newspaper by an authorized administrator of Scholars' Mine. This work is protected by U. S. Copyright Law. Unauthorized use including reproduction for redistribution requires the permission of the copyright holder. For more information, please contact [scholarsmine@mst.edu](mailto:scholarsmine@mst.edu).





# Missouri Miner



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

September 16, 1992

Volume 81, Number 4

Twenty-Four pages

## Correlations between food and college Times, they are a changin'

### Domino's Pizza SOURCE

Here's some food for thought: a recently completed study shows interesting correlations between food choices and college choices. Decisions like what area of the country to go to school in, field of study and size of institution might have less to do with a thirst for knowledge and more to do with a hunger for pizza. That's right, that educational litmus pizza test.

The study, which might permanently change the way college entrance is determined, came up with such concrete relationships as: students who go to small colleges, 10,000 students and under, order 12% more pizza than large institutions. Smaller schools also seem to be more into less fat, ordering no meat pizzas 68% of the time, while big schools order meat topped pizzas 73% of the time. So, if you like small classes, knowing everyone and pizza with mushrooms, a small school is for you.

There also seems to be a tie-in with ranking. The number 1 pizza delivering school in the country, pizza per student, is Georgetown, followed by Duke, UVA, University of Arizona and University of Kentucky. Also, these bastions of higher education seem to have learned the value of the dollar as Michigan and Duke, along with Stanford and Bucknell are amongst the lowest tipping schools in the country. Add University of Illinois at Champaign and you have the bottom 5. So, if you want to send your kid to Harvard start her on pizza and not tipping young.

The INFORMAL study performed by Dominos's Pizza compared student's demographics with their PSAT (Pizza Standard Achievement Test) scores to come up with information such as if you like pepperoni you should go to a school down south. Ole Miss is the number one pepperoni school in the entire nation, with 32% of all pizzas going to the main campus, being topped with that meat of knowledge. With L.S.U. and

Tennessee coming in second and third.

As far as living conditions go, all female dorms far and away order more pizza, with coed dorms coming in second and all male dorms coming in third. Rooms with two or more occupants order pizza on average 3 times a week, while singles order on average twice a week. Freshman dorms order 15% more pizza than upper class dorms.

Now, if your child is free thinker, load up on the toppings. A student from liberal arts school is 15% more likely to order pizza than someone from a technical school. Engineering schools order plain pizza 78% of the time.

With precise information coming from landmark studies like this, can it be long before high school guidance counselors all over the country will be saying "Pie with extra cheese, and olives?...it's University of Indiana for you."

### Tom Brown Editor-in-Chief

I am not sure on whether I should express my sympathy, gratitude, respect, or happiness that you have either chosen to attend the University of Missouri-Rolla or to suck-it-up and return. Either way, congratulations.

Let me begin by informing you that the MISSOURI MINER is making changes, changes for the better. We are working with practically an all new staff that makes up for experience with enthusiasm. Just hang with us through these first few issues as everyone grabs a hold and we minimize our internal problems.

Those holding positions on the Miner Board are: Jason Boles, Business Manager; Dan DeArmond, Ads. Director; Jeff Lacavich, Managing Editor; Francine Belaski, News Editor; Jim Beard, Sports Editor; Christopher Goo, Features Editor; Kevin Biggers, Photo Editor; and Jim

Ockers, Copy Manager. Most of those mentioned are new to their positions as are their assistants. But all are dedicated to the idea of producing a quality newspaper for our campus.

We have already expanded our writing staff so that we may report on the many facets of campus life. Feel free to send your letters of advice or comments to our office at 103 Norwood with suggestions, gripes or compliments about the paper.

This year, we would like for those wishing to respond to our Comments page to limit their responses. We will not print any more "books" or long-drawn out subjects that have ceased being of intellectual quality and have turned into personal attacks. We do hold the right to not print and/or edit any or all material that we deem not appropriate for printing.

Please, don't let this discourage you from writing, as we enjoy a little controversy as much as the next. Enjoy your semester and the improvement of the MISSOURI MINER.

## Autumal Equinox can be viewed at Stonehenge

### News Services SOURCE

Rolla, Mo. — The autumnal equinox is Tuesday, Sept. 22, and the equinoctial sunrise and sunset may be

viewed at the University of Missouri-Rolla's replica of Stonehenge, which is located near Highway 63 South and St. Patrick's Lane.

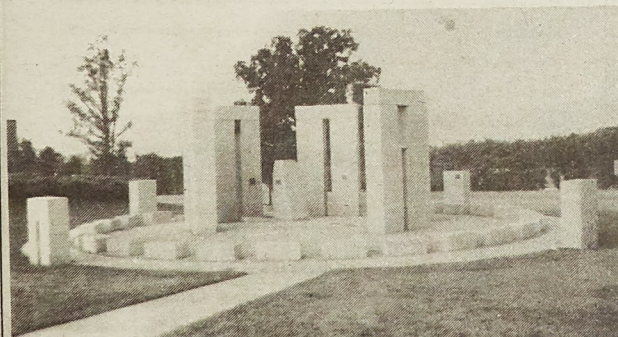
Dr. Joseph Senne, UMR professor emeritus of civil engineering said, sunrise is at 6:55 a.m. and

sunset at 7:03 p.m. The official time for the equinox (when the sun crosses the equator) is 7:23 p.m.

The true position of sunrise can be observed by standing on the UMR Stonehenge marker in the center of the monument and sighting above the notch on top of the east compass stone, while the true position of sunset can be observed by sighting above the notch on top of the west compass stone, says Senne, who did the astronomical calculations for UMR Stonehenge.

Because of the position of nearby buildings, the actual sunrise will be seen a few minutes later than the official time and about two degrees farther south.

Stonehenge was one of the National Society of Professional Engineers' 10 Outstanding Engineering Achievements in 1984.



Kevin Biggers

The autumnal equinox on Tuesday, Sept. 22 can be viewed Stonehenge.

## Competition for grants still open

### News Services Source

The 1993-94 competition for Fulbright and other grants for graduate study will close October 31, 1992. Only a few more weeks remain in which qualified graduate students may apply for one of the approximately 670 awards which are available to over 100 countries.

The purpose of these grants is to increase mutual understanding between the people of the United States and other countries through the exchange of persons, knowledge and skills. They are provided under the terms of the Mutual Educational and Cultural Exchange Act of 1961 (Fulbright-Hays Act) and by foreign governments, universities, corporations and private donors.

Most of the grants offered provide round-trip transportation, tuition and maintenance for one academic year; a few provide interna-

tional travel only, or a stipend intended as a partial grant-in-aid.

Applicants must be U.S. citizens at the time of application, and must generally hold a bachelor's degree or its equivalent before the beginning date of the grant, and in most cases, should be proficient in the language of the host country. Except for certain specific awards, candidates may not hold the Ph.D. at the time of application.

Creative and performing artists are not required to have a bachelor's degree, but must have four years of professional study or equivalent experience. Candidates in medicine must have an M.D. or the equivalent (e.g., O.D., D.D.S.) at the time of application.

Application forms and further information may be obtained from college or university Fulbright

See Competition, page 4



# Calendar of Events

## Wednesday

ASUM Voter Registration / Hockey Puck

2:30 pm Mechanical and Aerospace Engineering and Engineering Mechanics seminar, Enzo Macagno, "History of Kinematics," Room 214, Mechanical Engineering Annex.

4:30 pm The New Traditional Students Mtg. / Mark Twain

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

6:00 pm Spelunkers Club Mtg. / 204 McNutt

6:00 pm Wesley Mtg.

6:00 pm Eta Kappa Nu Mtg.

6:30 pm Society of Automotive Engineers 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 American Soc. of Mechanical Engineers / G-3 Che

7:00 pm American Society of Civil Engineers Mtg. / 114 CE

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

7:00 pm UMR women's soccer, Lindenwood College, in St. Charles, Mo.

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

9:00 pm Newman Mass

## Tuesday

ASUM Voter Registration / Hockey Puck

8 a.m. University of Missouri Board of Curators meeting, Poplar Bluff, Mo.

12:30 pm Newman Scripture

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

4:45 pm Toastmasters Mtg. / Missouri

5:30 pm NSBE Exec. Board Mtg. / 209 Norwood

6:00 pm Sport Parachute Club Mtg. - everyone is welcome and encouraged to attend. Free skydives will be discussed. Please bring \$5 dues. UCE (most likely)

6:30 pm BSU Worship

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

6:30 pm Hang Gliding Assoc. Mtg. / 105 ME

6:30 pm Greek Presidents Mtg. / Silver & Gold

7:00 pm ASME meeting / G-3. Guest Speaker Dr. Armaly (ME Dept. Chairman) speaking in Undergraduate and Graduate Research. Memberships taken. Committee sign-ups. Refreshments served.

7:30 pm Lutheran Bible Class

7:30 pm Down To Earth Mtg. / 210 McNutt

8:00 pm SUB Homecoming Mtg. / 216 McNutt

## Friday

India Assoc. Movie Night

SUB Movie: JFK

8 a.m. University of Missouri Board of Curators meeting, Poplar Bluff, Mo.

ASUM Voter Registration / Hockey Puck

1:30 pm Muslim Students Assoc. Mtg.

Need to do something to relieve some 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) at 3:30 every Friday and see what we're all about. You don't have to have your own gun. Call Jeffrey W. Spencer at 341-8420 or Jim David at 364-5684 for more information. Everyone welcome!

6:30 pm Intervarsity Christian Fellowship Mtg. / UCE

7:00 pm Show-Me Anime Club Mtg. / 212 McNutt

7:00 pm Korean Student Assoc. Mtg. / 125 Che

## Saturday

ARMY ROTC Terrain Walk

SUB Movie: JFK

NRHH Leadership Forum / McNutt

1:00 pm Rugby Game

1:30 pm UMR men's football, Northwest Missouri State University, in Maryville, Mo.

1:30 pm UMR men's soccer, University Wisconsin-Parkside, in Kenosha, Wis.

UMR men's and women's cross country, Missouri State College, time to be announced, in Joplin, Mo.

## Sunday

8:30 am Registration

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

5:00 pm Student Mass

6:00 pm Kappa Alpha Psi Mtg. / TJSouth

## Monday

Intramural Racquetball Due

University Orators Chapter of Toastmasters International meets, noon, Missouri Room, University Center-East. For more information contact Steve Watkins at 341-6321.

3:30 pm Test Anxiety Seminar / 209 Norwood

6:00 pm GDI Governors Mtg. / Sunrise

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

6:30 pm BSU Bible Study

7:00 pm Alcohol Anonymous Mtg. / Walnut

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

8:00 pm Koinonia Mtg. / Missouri

## Tuesday

SME Brat Sales / McNutt

11:30 am Civil Engineering Seminar, Donald E. Modesitt, "Construct Wetlands for Wastewater Treatment," Room 114 Civil Engineering.

3:30 pm Leadership Development Seminar / 209 Norwood

6:30 pm Student Council Mtg. / 204 McNutt

7:00 pm UMR Fall Film Series, "Hope and Glory," Miles Auditorium, Mechanical Engineering Building. Admission by season ticket or \$3 at the door.

7:00 pm Tau Beta Pi Mtg. / G-3 Chem

## Next Wednesday

Intramural Manager's Mtg.

## Noday

September 9-22, Brazilian Naive Art Exhibition, 8 a.m. - 4:30 p.m., Casleman Hall and Curtis L. Wilson Library.

## Financial Aid

For more information and/or applications pertaining to the following scholarships, contact the Student Financial Aid office, G-1 Parker Hall.

## ROLLA AREA BUSINESS AND PROFESSIONAL WOMEN

The Rolla Area Business and Professional Women's Club is offering two scholarships of \$500 to women enrolled for the 1993 Spring Semester. The scholarship is designed to encourage women to advance their career goals through continuing education — whether they are in the process of changing careers.

Eligibility requirements:

Must be a resident of either Phelps, Dent, Maries or Pulaski Counties.

At least 25 years of age.

See Events, page 4

## 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, punctuation, spelling, length, and matters of good taste.

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

Editor-in-Chief .....Tom Brown (341-4312)

Managing Editor .....Jeff Lacovich (364-0502)

Business Manager .....Jason Boles (364-8968)

Advertising Director .....Dan DeArmond (364-9783)

Asst. Advertising Director .....Scott Davidson

Layout and Subscriptions .....Keith Jenicek

Circulation .....Mike Matthews (364-1433)

News Editor .....Francine Belaska (364-7485)

Asst. News Editor .....Jody Luksich

Features Editor .....Christopher Goo (341-7239)

Asst. Features Editor .....Lynette Brunner

Sports Editor .....Jim Beard (364-1292)

Asst. Sports Editor .....Chris Merris

Photo Editor .....Kevin Biggers (364-8968)

Copy Manager .....Jim Ockers (364-1207)

Staff Writers: Elliot Clavin, Squiggy, Roger Amann, K.C. Snyder, Heather Sphar

James Barnes

Typesetters: Kaushik Pal, Mutan Chen, Kaushik Pal, Kingshook Ghosh,

Carmenza Gutierrez

Graphic Artists: Ming, Mike Matthews, John Stork, David Tattershall, Mike

Welland, Omar Metwalli

Advertising Representatives: Jeremy Buchanan, Keith Jenicek

Photographers: Tony Roungeon, Jason Boles, Kevin Biggers

103A Norwood Hall  
University of Missouri-Rolla  
Rolla, MO 65401-0249  
(314) 341-4235  
(314) 341-4312



# Comments

## Another point of view, not an outsider

Dear Editor,

I want to respond to the editorial "A challenge of modern theological and mythological thought" (wed. Sept 9). Since you have allowed room for this nearly full-page arraignment against Christianity, I hope you will also allow a little space to give the other point of view.

The author, "Kinya", is attempting to comment on Christianity from an outsider's viewpoint. One cannot expect such a commentary to be authoritative in its observations or conclusions. For the same reason I will not attempt to comment on the author's religious persuasion, if any.

The claim of Jesus being born of a virgin is claimed to be "unhistorical and borrowed from the Egyptian accounts of ... Horus." This is a faulty assumption based on the idea that Jesus first existed as a child in Bethlehem. (It is also a good example of bad logic; specifically, using correlation to prove causation.) There are many facts which are overlooked by the author of this opinion.

1) The Bible declares that Jesus was reigning in glory as God with His Heavenly Father before the world began (John 1:1; 17:5; et.al). Jesus also created this earth and all things in it, including the author of the citation above. "For by Him were all things created" (Colossians 1:16; also Genesis 1:26; Ephesians 3:9; Hebrews 1:3; et.al).

2) The plan of salvation through a virgin-born Savior God did not originate with Horus, or any other invention of mankind. It was foreordained before the beginning of the world. Jesus Christ is "the Lamb slain from the foundation of the world" (Revelation 13:8). Jesus "was foreordained before the foundation of the world" (1 Peter 1:20).

3) This plan of salvation was revealed to people over 2000 years before Horus had been thought of. God revealed that the serpent (Satan) would be in conflict with Eve's descendant (Jesus), and that Jesus would overcome him (Genesis 3:15). The inspired Version of the Bible reveals that Adam knew of Jesus Christ and believed in Him. God revealed through the prophets that Jesus would be killed by crucifixion, even before crucifixion had been invented (Psalm 22:1, 16-18; Isaiah 53:5; Zechariah 12:10; 13:6).

Historian Eusebius in the third century documented that Jesus was not only worshipped by the ancient fathers, but that Jesus Christ actually appeared to them in pre-Incarnate bodily form. He also proves "Christ's teaching as none other than the first, most ancient, and most primitive [earliest] of all religions" (Eusebius, *History of the Church*, Book I.1-4.)

So, in fact, it was Horus who borrowed from Jesus, rather than the converse!

Jesus said "I am come that [you] might have life, and that [you] might have it more abundantly" (John 10:10). Jesus promised, "Come unto me, all you that labor and are heavy laden, and I will give you rest" (Matthew 11:29)

How can you know for sure whether this is true? "If any man will do [the Father's] will, he shall know of the teaching, whether it be of God, or whether I speak on my own" (John 7:18).

Through the knowledge of Jesus is promised everything that we need for this life and the life beyond, including becoming "partakers of the divine nature" (2 Peter 1:2-4). Horus of Ethiopia can't offer you that. At least he can't deliver. Only Jesus of Nazareth can.

Jon Tandy

## A challenge of modern theological and mythological thought: chapter 2

To the roots of religion: the greatest of the Nile's sun-gods was Ra, or Amon-Ra. Amon-Ra was the personification of the physical sun, and a member of the holy trinity. The others being Osiris and Horus. On his head was a globe or disc, around which a asp was coiled, the serpent being symbolic of the power over life and death. In one hand he held the royal scepter while in the other he held an Ankh (Crux Ansanta). Osiris, as a dweller among men assumed the form of the bull, Apis. As a judge of the dead, he was depicted as a mummy of sacred blue color, armed with the rod of authority and the cross of life (Ankh) and adorned with the crown of upper and lower Egypt. His eldest son Horus, was the one who slew the Dragon of Darkness with a spear (ray).

Now, Osiris was the son of the sky goddess Nut, who was the wife of Ra. The father of Osiris was not Ra, but earth god Seb. When Ra discovered the infidelity of his wife, he pronounced a curse upon her, predicting that the expected child would be born in no month and no year. In the meantime, Nut had acquired another lover, the god Thoth, and this divinity had previously played a game of draughts with the moon and had won from the lunar orb one seventy-second part of each day of the year. The fractional parts were compounded into five whole days and were added by Thoth to the Egyptian year of 360 days. This was a mythological way of accounting for order to bring the lunar and solar calendars into agreement. And, since those five days were considered as entirely outside the year of twelve months, the curse of Ra did not apply to them. Osiris was born on the first of these supplementary days (approx 26 December). At his nativity, a mysterious voice rang out, announcing the earthly advent of the *Lord of All*. Osiris was not an only child: On the second supplementary day, Nut gave birth to elder Horus, she became the mother of Set on the third, Isis on the fourth, and Nephthys on the fifth. In due time Set joined with Nephthys and Osiris with Isis. Osiris it is said, then left the realm of gods to live among the men as an earthly king. He found the Egyptians savages and conferred upon them the blessings of civilization. After establishing the people of Egypt he gave control of the

land to his wife Isis and went travelling abroad. On return to Egypt, on account of his blessings, he was recognized as a god and was thus worshipped by the people of the land. Osiris had a wicked and jealous brother named Set; and the evil set, with seventy-two accomplices, plotted the death of Osiris. Set obtained the exact measurements of his brother's body and constructed a coffer of attractive design and of exactly the same dimensions. Then at a banquet, when drinking and revelry were at their height, the wily Set brought in his coffer and offered it as a present to anyone whose body would fit it exactly. All present, with the exception of Osiris tried it but it fit no one; then Osiris lay in it and it fit him exactly. Immediately the conspirators slammed down the lid of the chest, fastened it with nails, sealed it with molten lead, and hurled it in the Nile. The widowed Isis soon left and went into exile in the papyrus swamps of the Delta, and there she gave birth to a son, the younger Horus. The body of Osiris was eventually found by Isis in the land of Byblos where it had washed up and became enclosed by a mysterious tree. Isis brought the body of her husband back to Egypt and hid it but Set found where she had hid it and he took the body and ripped it into 14 pieces which he distributed throughout the land. Isis made a search and found all the pieces but one. She buried the pieces wherever she found them and that is why so many Egyptian cities claim to be the resting place of Osiris. The missing part of Osiris was the phallus, so Isis made an image of it for use in religious festivals of the people. A familiar role of Osiris was that of a god of the dead; among his titles were Ruler of the Dead and Lord of Eternity. On monuments he is shown occupying the judgement seat, armed with the staff of authority, and holding an Ankh (Crux Ansanta). Carved on his breast is the St. Andrews cross; and the throne on which he is seated is adorned with a pattern of squares in two colors, like a checkerboard representing the good and evil which he was called on to judge.

Kinya

## Conservatives corner

COMMENTS

Rob Hobart

### FACTS VERSUS FANCIES

The difference between Liberals and Conservatives is usually defined through issues: Conservatives oppose abortion rights, Liberals favor them; Liberals believe in regulation, Conservatives in free enterprise; and so forth. But in fact the difference is far more fundamental.

It is the difference between fact and fancy. Liberal opinions and policies are based on emotions, on personal feelings. Conservatives, on the other hand, rely on variable facts. Confront a Conservative with the fact that contradicts his ideas and he will change his ideas. Confront a Liberal with a contradictory fact and he will reply: "No, no, this is a gut issue."

The conservative seeks policies which work, regardless of whether they "feel good" or not. Conservatives don't favor Capitalism over Socialism because they "like" Capitalism; "it's" because Socialism doesn't do what it claims. This sort of objectivity is incomprehensible to Liberals, who can not conceive of making a decision without consulting their feelings. They assume instead that Conservatives must also rely on "gut feelings" to make decisions. Hence the Liberal's insistence that Conservatives are racists, fascists, sexists, and generally cold, cruel, greedy, and heartless.

None of which is true, of course; but the Liberal mindset can allow of no other explanation.

Bluntly: A Liberal doesn't care if his position is supported by the facts. Facts are cold, hard, unfeeling things; they can't be swayed, can't be legislative against. It remains 3.1415 no matter what the law says. Rather than face up to the facts, Liberals simply ignore them.

This can have unfortunate effects when Liberals control the government, as they have for most of the last fifty years. Whereas a Conservative will abandon a policy that fails, a Liberal will doggedly continue to pursue it. The policy "feels right," after all, and therefore cannot possibly be mistaken. Any suggestion to the contrary is simply mean-spiritedness.

Thus our government continues to spend billions annually on welfare programs which have utterly failed to mitigate poverty; to boost a minimum wage which already costs

see out page 8



## Software systems make traveling safer

News Services  
SOURCE

ROLLA, Mo. — A University of Missouri-Rolla computer science professor's studies of software systems could result in safer travel by plane, train or automobile.

Dr. Bruce McMillin, assistant professor of computer science at UMR, has received a three-year, \$215,961 grant from the Air Force Office of Scientific Research to study ways to improve the safety, liveliness and fault tolerance of computer software. He hopes the research leads to improved dependability of complex software systems to reduce the

chances of airplane crashes, midair collisions, nuclear power plant malfunctions, stalling cars and train wrecks.

The software McMillin is studying is used in a variety of systems — patient-monitoring systems for hospitals, aircraft fly-by-wire systems used in Boeing 767 and European Airbus aircraft, collision-avoidance systems, nuclear and conventional power plant control systems, railway switching computers and automobiles.

McMillin's approach is to use software engineering and mathematical logic rather than existing techniques of hardware engineering to ensure that systems function correctly. The approach was developed by

McMillin and Dr. Hanna Lutfiyya, a former UMR graduate student.

"Software is safe if it doesn't do bad things to the system," says McMillin, but sometimes software systems fail. He hopes his research improves software systems' safety as well as their "fault tolerance," which is their ability to continue operation during computer problems.

"Software is fault-tolerant if part of the computer breaks and the system keeps running," he says.

The research is an outgrowth of parallel processing research which uses multiple computers to cooperate on solving a problem.

## UMR's campus is now at your fingertips

News Services  
SOURCE

Rolla, Mo. — Prospective University of Missouri-Rolla students, their parents and other visitors to campus no longer need a guided tour to find general information about UMR.

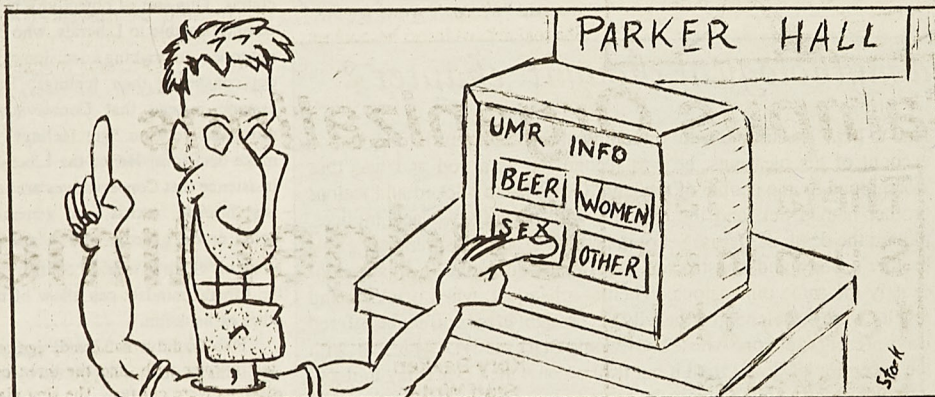
A high-tech IBM touch-

screen computer system, located in the campus' admissions office in Parker Hall, puts general information about the campus at a visitor's fingertips.

"Simply touching the screen in the area of one's choice will show a one- or two-minute segment about degree programs, financial aid, admissions requirements, campus life and housing," says David J. Allen, UMR

director of admissions and student financial aid. The system, which has been in use for about a month, also includes information on such UMR activities as homecoming, Parents Day and fall and spring open houses.

The system was developed with the assistance of Chris Matt of Glendale, Mo., a UMR student majoring in electrical engineering.



## Events

from page 2

Enrolled at an accredited educational institution.

The scholarship will be awarded on the basis of financial need and the development of a specific plan for using the scholarship to advance their career goals.

Application Deadline: September 30, 1992.

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 school or educational programs.

Eligibility Requirements:

Must be a U.S. Citizen or National, 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 or be scheduled to graduate 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 com-

posite score on the General Education Development (GED) test that is recognized by the state to be the equivalent of ranking in the top ten (10)

percent of high school graduates in the state, or nationally.

Submit a completed scholarship application by the deadline.

Upperclassmen must maintain satisfactory academic 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 certification.

Application Deadline: October 1, 1992

## Airline passengers are eligible to file claims on airline lawsuit

Fiscal Services  
SOURCE

Our department has received several inquiries regarding the Airline Antitrust Settlement. This is a "class action" lawsuit alleging that major airlines have engaged in improper price-fixing at major U.S. hubs.

Airline passengers who flew between January 1, 1988 and June 30, 1992 are eligible to file a claim. A letter was submitted July 15, 1992 on behalf of the University of Missouri to Airline Antitrust Litigation of Philadelphia, PA. No response has been received as of this date and the University has also requested the assistance of the Diners Club Corporation in pursuing this matter by collecting as much available data as they have stored in their system.

We have been informed of a hearing schedule in Federal District

Court in Atlanta on October 19, 1992 to rule on the proposed settlement terms. Pending the outcome of this hearing, all claims will need to be filed no later than February 15, 1993. If approval is not granted at the hearing, it is unlikely there will be any form of settlement and this issue will likely be closed.

Our office is supplying the comments listed above to provide additional background information for your use. At this point, we are hopeful the efforts being initiated at the University System level will eliminate the need for departments to begin the difficult task of assembling individual claim forms. This issue is still in the initial stages and we will keep you advised as new developments unfold. Should you have any questions please call me at 4067 or Jane Dare at 4061.

## UMR's night at the Engineers' Club to be held

News Services  
SOURCE

Rolla, Mo. — The University of Missouri-Rolla's annual night at the Engineers' club of St. Louis, 4359 Lindell Blvd., will be held at 7:30 p. m. Thursday, Oct. 1. All prospective college students and their parents, teachers and counselors are invited to attend.

UMR Chancellor John T. Park will provide introductory remarks about UMR at 7:30 p. m. The evening's agenda will also include

student presentations and a slide show about UMR.

Dr. Jerry R. Bayless, associate dean of UMR's School of Engineering and associate professor of civil engineering, will serve as the program moderator.

An informal reception will follow the program. UMR faculty and students from all academic departments and representatives of such UMR offices as admissions, financial aid, Minority Engineering Program, Women in Engineering Program, housing, athletics, career development and Army and Air Force ROTC will be available to answer questions.

# Be there..



# ..or be square!

## Competition

from page 1

Program Advisers, IIE's New York headquarters or one of its regional offices in Chicago, Denver, Houston or San Francisco.

The deadline for receipt of applications is October 31, 1992. Requests for application materials received after October 15, 1992 will not be honored.



# Features

## Lambda Chi hosts benefit dinner

Entertainment Source

The lambda Chi Alpha fraternity will be hosting its 31st annual Chicken Benefit Dinner on Sunday, September 27. The dinner will be served from 11 am to 7 pm at the fraternity house, which is located at 1705 Pine Street. Tickets will be available September 11 at the fraternity house. Ticket prices are \$3.50 for adults and \$2.50 for children under 12. Tickets at the door are \$4.00 for adults and \$3.00 for children. Also, on September 13, members of Lambda Chi Alpha will be selling tickets door to door throughout the Rolla area.

All proceeds for the dinner will go to the Rolla Cerebral Palsy Center, the Gingerbread House, a home for severely handicapped children, and L.O.V.E., the Local Organization for Various Emergencies.

Last year, over \$1500 was raised and the goal for this year is \$2000. The dinner has always been well supported by the community, with many pleased citizens returning year after year. For any information about group ticket sales or donations, please call Dave Heikkinen at Lambda Chi Alpha at 364-0547 or 364-9901.

## Bigger and better

Keith Howdeshell  
Staff Writer

Once again it's time for the ZTA Annual Volleyball Tournament every year. This is the third tournament the ZTAs have put on and it's bigger and better than ever, 50% bigger than last year's and sale of the tournament T-shirts imprinted with the logo, "Just Spike It!" had already doubled last year's sales at the time of this article! But if you haven't got your order in, or entered your team for the tournament yet, I'm afraid it's bad news entries are closed and the orders have all been sent at this time. Jennifer Downes, coordinating Chairperson for the event stated "This is one of our two biggest annual service projects, and all of my ZTA sisters and I, are delighted with the turnout for this year's tournament."

As Jennifer mentioned, their Volleyball tournament is a service project with all the proceeds going to benefit

the Association of Retarded Citizens. Jennifer stated that their other big service project is the see-saw marathon that they have on campus each spring, also, the ZTAs aren't just a sorority, but are actually a service fraternity and have numerous other smaller service projects throughout the course of the year.

This year's Tournament will once again be hosted by Kappa Sigma and will take place on September 19th and 20th. In addition to the hosting efforts of Kappa Sigma, the ZTAs are being sponsored in this undertaking by a number of businesses as well, including: Pepsi, Banta Foods, and Kroger, Karschs, and Alex's Pizza. This promises to be a real happening event, and the ZTAs hope that you will all come out and participate, watch, or just enjoy the Bar-B-Que. Yes, Bar-B-Que. Did I forget to mention that they would have Bar-B-Que for all in attendance.



## No fat chicks in Moscow

Keith Howdeshell  
Staff Writer

At least not according to the new Russian Professor, and she should know. After all, she is from there. For real! Pretty Jammin' thing huh? A real Russian, Russian professor can you think of a better way to learn the language? She is Professor Inga Matukhina. Professor Matukhina is a 1990 graduate of the Moscow Linguistics university, with a major in English and a minor in German. She is new to UMR this Fall, but she is no stranger to the United States. Professor Matukhina went to the University of Iowa for one semester as an undergraduate exchange student and had visited here before with her parents. Professor Matukhina has been back in the states for a little more than a year now, and taught adult education last year at East Central community College in Union, Missouri.

The professor tells us that she feels that it is nice here and that she likes it okay, but Moscow will always be home. She told us that there wasn't really any culture shock coming here since she had been here previously, but she was amazed by the wastefulness of the American people. "In Moscow," she said "we don't waste anything." She told me that it was because since

the reign ended, the people have had so little. When asked how she felt about the changes that have occurred in Russia, she stated that she felt the move toward freedom and democracy was a good one, and that the people were enduring many hardships because of it, but that's to be expected in any time of change and that the Russian people were optimistic about the change and that even in the face of their hardships they were in good spirits. She told me of here visit home in the summer of '91 and how they literally didn't have enough to eat, and here mother joked about how Russia could no longer be depicted with fat women walking up and down the street as it always had in the past since there were no longer any fat women there.

Professor Matukhina, says that the thing that bothers her most about Americans is that their so money oriented. She says the thing she misses most about Russia is the hospitality of the people there, and that they will share all they have with you. If you would like to know more about Russia and Russian culture, Professor Matukhina will be offering a course in Russian Civilization next semester which she promises will be interesting and lots of fun. Stop by the language department in the Humanities social science building and let's show here some good "down home" hospitality.

## This Week In Campus Organizations

### ASUM talks politics

ASUM  
SOURCE

Welcome back to school! This semester the Associated Students of the University of Missouri (ASUM) will be trying to improve awareness of our organization and to better serve the campus. Through this article we would like to inform you of some of the goals of ASUM.

In our attempt to better serve the campus, we will be asking for your input in a student forum in the Missouri Miner. If you have questions or suggestions concerning the way the school is operating, this is your chance to voice your opinion. Your letters will be answered by Dr. Wendell R. Ogrosky, Vice Chancellor of Student Affairs. We would like to encourage you to participate in the quality improvement of our campus. Political editorials concerning local, state or federal government will also be welcomed. Any letter or editorials can be sent by campus mail to ASUM, Room 212 University Center West.

ASUM will also be registering people to vote for the upcoming November 3rd election. In recent elections very few college students exercised their right to vote. If you are not registered to vote, or would like to be registered in Phelps County instead of your current voting location, please feel free to stop at our voter registration table on campus or stop by the ASUM office (212 University Center West). Another thing to look for this semester is a mock presidential election. ASUM will be hosting this mock election on campus in October.

As a student of the University of Missouri-Rolla you are also a member of ASUM. Currently there is a position open for a board member in our organization, and next semester a position will open for an intern. Board members help in deciding what issues will be lobbied on, and the intern will receive college credit to lobby in Jefferson City on issues which will help our campus. Please drop by and see us at the ASUM office if you are interested in participating.

### Theta Tau-- Summer- fest-this weekend

Christopher Goo  
FEATURES EDITOR

Theta Tau Omega's annual Summerfest party will begin this Saturday at Lion's Club Park. There will be busses running, starting at 11:00 a.m. from the EE parking lot and Fraternity Row.

You may purchase a Summerfest button (ticket) for \$5 this week from Theta Tau members at the hockey puck. Tickets will be on sale between 8:00-4:00. They will cost \$6 at the gate on Saturday.

Entertainment will be provided by the band Troubleshooter. Of course, refreshments will be served free, with the price of admission. It's the first party weekend of the semester, so we will see you out Saturday afternoon.

### Cudgel time

Kory Bakken  
Staff Writer

Autumn's coming up pretty soon, and the leaves will be falling off the trees. Poor trees. Don't make them live through this awful torture. PUT THEM OUT OF THEIR MISERY! Rip them from the ground and immortalize them into the majestic form of a cudgel. The St. Pat's committee is supporting this great cause, and we are prepared to give you something for your trouble...participation points. If you simply make a cudgel, your organization will be awarded 100 points. Additionally, your organization will be awarded 25 points if you can carry it during St. Pat's 1993. Good luck! The trees will thank you.

Finally, the sweatshirt design contest is over with, and the three best designs were chosen. The first place design, for \$100, was drawn by Jeff Erker of Sigma Nu. Congratulations. Second and third places went to David Tattershall of Kappa Alpha and Darren Peeler of Sigma Nu. Good job guys! We hope that you will continue to keep submitting entries in the future. Now that we have a new design, it won't be long before the first shipment of green is in. Get your Christmas shopping done soon. Green makes a great gift for any time of the year.

Also, houses who don't have representatives, and you know who you are, we are still accepting new members to the committee to possibly become committee heads. Get involved this year. It's your celebration. If you want St. Pat's to be great, we need you



# Classifieds

## Miscellaneous

**Nintendo For sales.**

Great stress reliever.

All equipment included.

Games: Mario/Duck Hunt, Super Contra, Pinball, Baseball

Call 364-3850

**Men Wanted:**

The UMR cheerleaders need men!

We've got a great bunch of talented women guts - come join us! We'll train you. It's easy. It's fun!!

Call Linda Martin, 341-4286, for more information.

**Women Wanted:**

The men of UMR need women!

We're a great bunch of talented men.

Come join us! We'll train you. It's easy. It's fun!! Call Martin Lind for more information

## Personals

Goodluck to all KD'S running in the Derby's Day Dash!

Get psyched for Derby Days Kappa Delta. Let's do it again!

**Hey Woman,**

Now that you know what a nerd is, do you still claim to be one?

18-4

**Chris H..**

What kind of girl are you? Keep your feet on the ground! I know your head will always be in the clouds though.

18-4

**Dear Water,**

..... HAPPY BIRTHDAY .....

Your Brother & Sister

**Dear Star,**

..... HAPPY BIRTHDAY .....

Your Brother & MT

**Nympho wanna be**

one more check and no kisses for 8 days

18-4

**Crissy,**

You better leave me alone in EM or your name goes on the board

18-4

kappa Delta is number one!

Good luck to all of KD'S

Home coming queen candidates:

Rebecca L.

Lynne S.

Janet A.

Julie S.

Beth R.

Laura D.

Go KD!

**Lambda Sigma Pi is GREAT!**

**Shelly,**

Did ya have a pleasant morning walk last Thursday?

Bongee

**The ta Xi,**

KD is psyched for our T.G.I.F.!

**Heather,**

You are an awesome ZETA pledge!! Hope you had fun last week and I promise not to end up barefoot ...!

ZLAM,  
Lisa

**Princess,**

Are you feeling only better? I've got the COSMO guide for treating swollen eyes.

**Julie,**

Your're going to be a fantastic homecoming queen. Good luck!

Sigma Chi

**ZTA & KD,**

Derby Days is almost here! Get psyched!

Congratulations to all the new Kappa Delta collegiates!

Sigma X

**Stacy D.**

Where were you calling?

AOT,  
Jenny

**Chrissy,**

Congrats on initiation!

AOT,  
YBS

**Chris,**

Would you like some soup? Excuse me ... stew?

AOT,  
Jenny

**Tim,**

4 guys... get a clue. Love you.

D...

**Dear Zetas:**

Thank you for one of the most interesting years of my life - it has been fun - hectic - hazardous to my health - fall of love, laughter and tears! You are the GREATEST and I am so proud to be

Your Mom

**Hey Comet,**

When do you want to QB? What kind? ... By the way, what were the final standings?

Yellow Lawn Dart

**ZETA loves its pledges!!!**

**Wendi, Peggy, Stacy & Janet,**

What an awesome family!

Zlam, the old one

**Les,**

Glad that we're finally roommates. We're gonna have an awesome semester.

Alm

**Doris,**

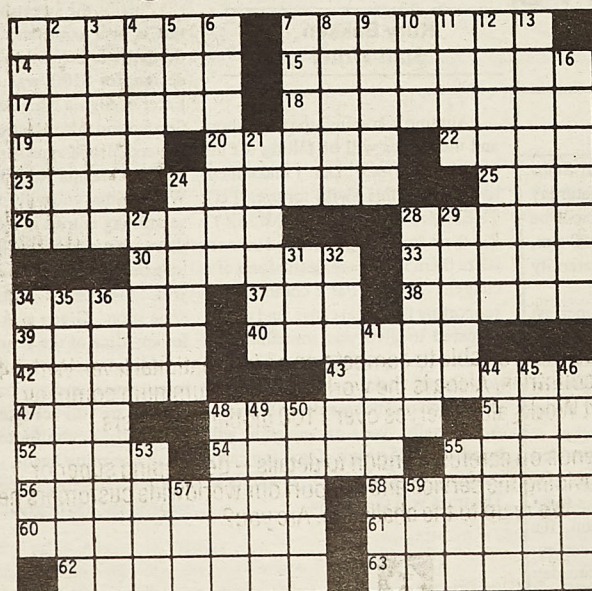
Glad to have a mom again. I missed you last semester!

Zlam,  
A.G.

see Classifieds, page 7

## Fun & Games

### collegiate crossword



© Edward Julius Collegiate CW8707

#### ACROSS

- 1 Totted up
- 7 Versus
- 14 Make
- 15 Implies
- 17 Wickerwork material
- 18 Con
- 19 Part of BTU
- 20 Suit material
- 22 Part of ABM
- 23 Expression of disapproval
- 24 Textile-coloring method
- 25 Slangy pistol
- 26 Japan, China, etc. (2 wds.)
- 28 Choose
- 30 Like dirt roads
- 33 Miss Oberon
- 34 First American in orbit
- 37 Rater of m.p.g.
- 38 Microwave device
- 39 Calculus concept
- 40 Headlight switch
- 42 Climbing vines
- 43 Pause at Indy (2 wds.)
- 47 Character in "Little Women"

- 48 Bette Davis movie, "The Petrified..."
- 51 "Clear Day..."
- 52 Spanish surrealist painter
- 54 Foretokens
- 55 God of war
- 56 Decorative shelves
- 58 Rhythms
- 60 Ann —, Lincoln's ill-fated fiancée
- 61 Girl in "The Graduate"
- 62 Steals a glimpse of (2 wds.)
- 63 Like some cells
- 11 "And — word from our sponsor"
- 12 Creme de menthe cocktails
- 13 Part of an octopus
- 16 Skim along a surface
- 21 Hosed down
- 24 Jeers
- 27 Bert's pal
- 28 Kelly of clown fame
- 29 TV producer Norman, and family
- 31 Prefix for gram or graph
- 32 Deflate, as spirits
- 34 Faint light
- 35 Paint the town red (3 wds.)

#### DOWN

- 1 Neck part
- 2 Muse of astronomy
- 3 Field of work
- 4 James Arness role
- 5 Greek vowel
- 6 Doc Holliday's occupation
- 7 Hurt
- 8 Thick and sticky
- 9 Battery terminal
- 10 Terre Haute's state (abbr.)
- 36 Leave one's homeland
- 41 Dancing faux pas
- 44 Lacking vigor
- 45 Certain tie score
- 46 Did not bid
- 48 Crosses a stream
- 49 Watch brand
- 50 Adjust one's watch
- 53 Make eyes at
- 55 "It's —...world"
- 57 "A mouse!"
- 59 High note



Classifieds from page 6

Sean,  
Congrats on Sigma ninitiation! you're an awesome Ill bro.

YBS

ZETA TAU AWESOME!

Janet,  
Who's cute as a bug in a rug?

Janice,  
Thanx for always worrying about me. This weekend I'll know what's UP Doc.

ZLAM  
YLS

Deena,  
Where \$ who did you study Thur. night? Did you go to Taco Bell again?

Miss You,  
ZLAM,  
Deb

Amy M.  
Just because you don't live near me, doesn't me I can't kick your butt for standing me up Thursday night. Get a clue.

Love  
Deb

Lisa M,  
You're a way cool Zeta pledge!!! But get a real phone & calls from real men... Ha Ha....

ZLAM  
Deb

Amy,  
Sorry your birthday present was so late. I hope you liked it

AOT,  
YLS

# How to Enhance Your Computer Proficiency

**Meg Brady**  
**Computing Services**

## What is a short course?

Near the beginning of each semester Computing Services offers a series of short courses designed to provide basic computing skills for instruction and research faculty, administrative staff, and students. These short courses present users with a quick-start on popularly used computing facilities and software. Lecture-style presentation, discussion, and hands-on experience are combined to provide an overview of fundamental concepts and skills for various computing topics.

## What short course are available?

Course descriptions, schedules and registration information is available online on UMRVMA and UMRVMA by typing: umrinfo after logging on. Just place your cursor on the line that says Computer Center and press enter. Select Short Courses from the next menu in the same way.

Here's a list of courses offered:

### IBM Mainframe Courses

CMS Review  
Introduction to Electronic Mail  
Introduction to SAS

### Unix and Apollo Short Courses

Introduction to The Unix vi Editor  
Introduction to Unix  
Apollo Workstations

### IBM/Clone Personal Computer (PCs) and Apple Macintosh (MACs)

Intro to the PC  
Introduction To Novell Networks  
Introduction to WordPerfect 5.1

Advanced WordPerfect 5.1  
WordPerfect 5.1 Thesis (WPTHESES)  
Introduction To The Macintosh

## Registration Notes

Advance registration is required due to limited seating.  
If you are unable to attend, please call to cancel your registration.  
Sessions with fewer than six registered participants may be canceled.  
Contact the UMR Computer Center Office to register or for additional information:

UMR Computer Center Office  
114 Math-Computer Science Bldg.  
Phone : 341-4841

## What is a tutorial?

New this semester, tutorial sessions offer students, faculty and staff self-paced, hands-on training with a variety of computer facilities and software. Tutorial sessions do not require advance registration, but are offered on a first-come-first-served basis from 7:00 P.M. - 10:00 P.M. on the first and third Mondays and second and fourth Tuesdays of each month. Room 108 and 104 in the Math-Computer Science building will give preference to anyone working a tutorial during these times. A Help Desk consultant will be available to assist you with the tutorial you choose. A variety of tutorials are available:

PC and DOC 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 (mainframe)

Need access to a computer late at night or early morning?

**Extended hours**  
**in**  
**Computer Center CLCs**  
These rooms  
**Math-CS 104 & 108**  
have  
Apollo workstations, Macintoshes, PCs, & mainframe access available.

Extended Open Hours Fall 1992: August 31 - December 13

Mon - Fri 24 Hours a Day  
Saturday 8:00 am - Midnight  
Sunday 8:00 am - Midnight

Normal Hours (holidays and semester break):

Mon - Fri 6:00 am - 1:45 am the following day  
Saturday 8:00 am - 5:45 pm  
Sunday 8:00 am - 1:45 am

Note: CLCs in Mechanical Engineering 121 and Math-CS 206, 207 and 213 will also have extended hours. Please check hours posted at these locations

## ALUMINUM COMPANY OF AMERICA MEETING THE WORLD'S CHALLENGE.



In business today, you must be able to compete on an international level. With 148 operations in 20 countries, Alcoa is the world's largest aluminum company. Davenport Works alone serves over 1100 global customers.

Our success depends on careful attention to details -- developing superior aluminum products, providing the service and support our worldwide customers need. We're up to the challenge. Are you?



**ALEX'S**  
**PIZZA PALACE**  
Real Italian Pizza  
122 W. 8th St.



Open 7 Days a week

11:00 AM - 2:00 AM Fri & Sat

11:00 AM - midnight Sun - Thur

Call For Delivery  
or Take Out

**364-2669 or 364-9878**

**Salads Sandwiches Pasta**

**5% Beer on Sunday**

**SPECIALITIES**

**Gyros Souvlaki Steak**

**Greek Salad Spinach Pie Baklava**

SEE COUPON BELOW

Order any large pizza and get a free 6-pk of  
Pepsi with carry-out or delivery or a free  
pitcher with dine in with this coupon.

Valid through September



# Out from page 3

the nation millions of jobs; to finance regulatory agencies which waste and ruin many times more than they protect. And the legions of Liberalism continue to defend and expand these mistaken policies with pit-bull intensity.

It is almost possible to feel sympathy for these doomed Liberal crusaders. The facts, after all, always win out in the end...even if, as in Russia, it takes seventy-plus years.

## Sub Conscious

SUB Source

Want to add a little excitement to your life? How about some controversy? This weekend SUB present Oliver Stone's - JFK. Called the most controversial movie of the year, it stars Kevin Costner, Sissy Spacek, Joe Pesci, Donald Sutherland & Jack Lemmon. The movie explores the controversy surrounding the assassination of President John F. Kennedy. JFK follows the investigation pursued by the New Orleans District Attorney's office in the days and months following Kennedy's death. The movie ends with the conclusion of the only criminal case ever brought to trial in the assassination.

The questions concerning the assassination and who was responsible just begin with the end of the movie. Next Wednesday, BOB HARRIS will answer those questions. Bob Harris provides documented evidence that the assassination of the president was planned by the CIA. Want to know why or how he can prove it? Be in ME104 at 8pm on Wednesday, September 23. The movie and Bob Harris are both free with a UMR student ID.

Remember SUB has great movies every weekend and a wide variety of activities including concerts, comedians and tournaments throughout the semester. LOOK FOR THEM!!!! To find a complete schedule of SUB events - check out UMRINFO. UMRINFO has information from the registrar's office and placement office too. Just type "UMRINFO" after you log on to UMRVMA. Don't know how to log on? Visit Room 114 in the Math - Computer Science Building and they can tell you know.

Would you like to choose the acts for the April Fool's Comedy Series or how about a band for the big St. Pat's Concert? Then you need to join a SUB committee. Every student is welcome at committee meetings. The following committees have meetings coming up, for more information call SUB at 364-4220.

- 9/16 - Fine Arts - 9pm in the SUB office.
- 9/22 - Concerts - 8:30pm in the SUB office
- 9/23 - Technical Services - 6pm in the SUB office



This is the Miner Staff for the fall semester of 1992

## Jim's Journal

by Jim

Today I saw a guy in an old army coat walk into an ice cream store.



He was unshaven and looked like he was shaking out of nervousness or something.



I thought for a moment about the possibility that he would go in the store and shoot everybody.



But I figured the chance of that happening was pretty slim.



I made some brownies today.



I bought the brownie mix at the store the other day.



All I had to do was mix in an egg and some water, and bake them.



They tasted pretty good.



SUMMED	AGAINST	
CREATE	CONNOTES	
RATTAN	HOODWINK	
UNIT	TWEED	ANTI
FIE	TIEDYE	GAT
FAREAST	ELECT	
	RUTTED	MERLE
GLENN	EPA	MASER
LIMIT	DIMMER	
IVIES	PITSTOP	
MEG	FOREST	ONA
MIRO	OMENS	ARES
ETAGERES	TEMPOS	
RUTLEDGE	ELAINE	
PEEKSAT	PADDED	



# Sports

## Late season baseball pennant races heat up

As the weather gets hot in late August and early September, some major league baseball teams need to do so as well

Chris Merris  
ASST SPORTS EDITOR

It is once again September, meaning: school, football, and pennant races in baseball. As the month gets under way the races heat up in every division in the Major Leagues. We will start with the American League.

**A.L. West:** The Oakland A's made maybe the biggest trade in a decade trading outfielder Jose Canseco for battered pitchers Bobby Witt, and Jeff Russell. They also got chicken pox inflicted slugger Ruben Sierra to fill Jose's shoes.

The Rangers in turn got rid of two potential free agents who would have cost the Rangers a bundle of money. Witt is 9-13 with a 4.46 ERA. Russell is 2-3 with a 1.87 ERA with 28 saves. Sierra is batting .278 with 14 homers and 70 RBI's. Canseco was batting .243 with 22 homers and 73 RBI's. Since the trade, both Minnesota and Chicago have closed in.

The A's lost 5 in a row and the Twins are 5 1/2 out and Chicago 7

1/2. Chicago has been hot and has closed in the last week. Minnesota has been playing well and also made a minor Trade of lefty Bill Krueger to Montreal for Darin Reid a valuable utility player. Look for the A's to hold

Robin Yount who is closing up a remarkable career.

The Orioles possess a serious threat for Toronto who has slumped in August. Look for the Birds to battle it out with the Orioles getting

League.

**The N.L. West:** The Braves have a 6 1/2 game lead as Smoltz, Glavine and Avery slumped, but Pete Smith picked up the slack going 4-0. The Braves also have gotten 2 wins

charges by both of these teams.

**The N.L. East:** I picked Cardinals and they may have done it, but injuries and slumps by Todd Zeile and Andres Gallaraga caused a July slump putting the birds 11 back. The Pirates, who have done it with Barry Bonds and Andy VanSlyke, will continue to despite a charge from the young and rambunctious Expos who are 4 out. The Cubs and Cards serve to aid or hurt these two contenders. The Pirates are resilient and this serves to help them win this weak division.

The Pirates and Braves rematch is eminent and the Braves I believe will be too battered to win. The Pirates will get their 3rd try and should succeed with their weakest team of the three. The Series will or should feature the Orioles and Pirates with the Bucs getting the nod in Seven games.

In late Breaking news Fay Vincent has resigned from his commissioner post mid way through his term. This comes a week after a 18-9 vote of no confidence. This will serve to weaken Baseball over the long haul.



off charges by both the Sox and Twins.

**The A.L. East:** has featured a tight Race between The Blue Jays who traded for the Mets' David Cone lead Baltimore by 1 1/2 games and Milwaukee has closed to 5 1/2 to become a serious contenders behind

revenge from 1989 when the Jays upset the Orioles in the last week of the season.

The two teams who should face off for the A.L. title are the Orioles and Athletics and I'll give the nod to the Orioles in 7 games, now the National

from rookie Dave Nied a September call up has helped tremendously. The Reds who are 6 1/2 back have been hurt by injuries and The Padres don't have the starting pitching, even though Gary Sheffield may win the Triple crown. Look for Atlanta to hold of

## 101 ways to completely avoid studying

Bob Lang  
STAFF WRITER

UMR is an academically challenging university which forces most of it's students to spend most of their time studying. These students are the ones that go crazy and shoot their Physics professor. I for one do not go along with this way of thinking. Many of us fun-loving college students like to have fun as well as study. Those of us who enjoy their free time do it in a variety of ways. For those who don't know, here is a little handbook of fun things to do in your spare time.

If video games tickle your fancy then you're in luck. There are a variety of places on campus in which to satisfy your urges. You can go to University Center-East and have your choice of many fun video or pinball machines. If that's too far a walk for you then Nintendo is the word you're looking for. You can choose from many fun and exciting games. Tecmo Bowl being my favorite. Unfortunately, Goon and Squiggy are just too good at it and I just can't compete.

For those intellectual video game players, a personal computer medieval, kill the worleygoblins, search for the holy city, collect the useless treasure simulation type game would be

looking for, then you won't be denied. Again the University Center-East (a veritable hot bed of entertainment) is the place you should go. There are pool tables, snooker tables, air-hockey

I've seen such a person beaten beyond recognition by the dreaded UCE lounge posse. BEFOREWARNED!!! Stan's corner pocket does not open until the evening so the university

skateboards. If board games are your thing, there's always a game of Axis and Allies game going on in just about any dorm lounge.

If physical activity makes your heart pump, then you need to go to the ever popular Gale-Bullman Multipurpose building. It didn't get the name Multi-purpose for nothing. You can play basketball (inside or out), volleyball, racquetball, lift weights, swim, or just run around. If you really need to blow off some steam, then there are plenty of fields available to play a friendly game of kill the guy with the ball. And I can't forget about our world-class, PGA style, nine hole golf course.

I know studying is important to some of you, and no matter how tired your brain is getting, you just won't stop studying. But if and you spot smoke coming out of your ears, and you finally decide it's time to take a break, then reference yourself to this handy fun and games handbook for the extremely boring person. I'm sure you'll find something to do on this campus to douse the burning embers that used to be your brain.



more up your alley. I'm sure someone on 3-North has that type of game if you're interested.

Now if board/table games are more what you're

tables, ping-pong tables, and everyone's favorite, the checkers/chess/backgammon tables. Be sure not to make the mistake of studying upon these all purpose tables. Many a time

center is sometimes infested with 'townies'. Handle these people with care. Do not stare at them, talk to them, or laugh in their general vicinity. Oh, and never, ever touch their



# The story behind the men

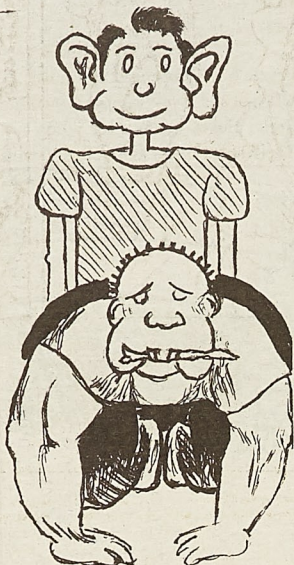
A. T. Goon  
Promoter

I know not all of you out there are sports fans, and some of you may be confused by the hoopla over Shawn and John and their basketball showdown. So I'm here to help you understand. These are two men who are about to change the sporting world forever. Never before has there been a more even contest. Vegas refuses to offer odds on this because they feel it is too close to call and that they are at too big a risk in losing their shirts. The rules are simple: A one-on-one basketball game, played to 69, by twos and threes. Shawn and John, face to face, mano y mano, toe to toe, until one man is left. This match is as close to an ancient Roman gladiator fight as you can get. It's hard to predict what will happen when these two bastions of athletic prowess step on the court together.

These two players, in style, are the perfect compliments. Shawn is a bruising, in your face type of player, who is surprisingly quick, while John is a darting, long range bomber with deadly accuracy. His biggest attribute, however, is his ability to blow past you when you come out to defend his thirty foot jumper. John is especially

tough because should his opponent call a time out to plan a strategy, John can listen in on his opponents' plan thanks to his AWACS-like ears.

In perhaps the most dramatic facet of this contest, there lies a storybook



twist. Shawn and John used to be the best of friends until one day, John and Shawn had a disagreement while watching television. A friendly argument perhaps, but this time it escalated to the point where John issued a chal-

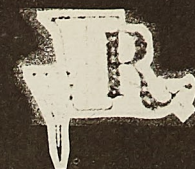
lenge. Shawn, stunned at his friend's sudden hatred and envy replied in anger that he was up to the challenge and left in a huff.

This is where I came in. John and Shawn, nearly in tears at the loss of such a tight and good friendship, asked me to promote their match as I would with anyone else. Feeling flattered and a bit of pity for these two lost souls, I agreed. I set a date for the match, but it has to be postponed now.

You see, I am beginning to wonder if these two men aren't just a little bit scared of each other's talent. One day after I publicly announced the date, John came to me claiming that he had something to do on the date I had set. When I proposed a secondary date, John had another excuse. He seemed very nervous and stammered like a high school nerd who had just asked the head cheerleader to the prom. As if this wasn't enough, just this weekend, the mighty Shawn came up with a mysterious ankle injury he claimed to have suffered while chasing sticks on his hands and knees, barking like a dog.

Whatever the case, I, AT Goon, assure that this match will indeed take place. These two men will fight it out on the court, and there will be a winner.

Medi-Value  
Pharmacy

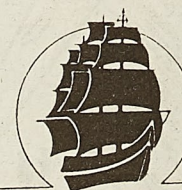


For all your health & Photo needs

Video Rental \$1.00/movie No membership fee!

We now offer fax &  
American Express Moneygrams

Phone 364-7077



**SHIP AHOY**  
SHIPPING and WRAPPING SERVICE

Services include:

- \* Gift Wrapping
- \* Shipping and Express Mail Services-Worldwide
- \* Packaging Services
- \* Packaging and Gift Wrapping Supplies

812 Pine Street  
(Inside Helen's Gift and Accessories)  
Rolla, Missouri 65401  
(314) 341-2800

## UMR FALL FILM SERIES

**SEPTEMBER 22 - HOPE AND GLORY**  
SARAH MILES, DAVID HAYMAN. Directed by John Boorman. PG-13--1987. Director John Boorman draws on his own childhood experiences during World War II for the award-winning story of a British family struggling to survive the London blitz.

**SEPTEMBER 29 - DELICATESSEN**  
MARIE-LAURE DOUGNAC, DOMINIQUE PINON. Directed by Jean-Pierre Jeunet. No MPAA classification. *Delicatessen*, a black comedy, is about a group of people existing in a crumbling apartment building set over a delicatessen in some bleak future time. Each scene seems to contain some visual surprise. As Louison adds life and compassion to this bleak setting, it is as if hope itself triumphs in a world where there is none. It is easy to see why it was selected the Best Film of the Chicago International Film Festival. In French with English subtitles.

**OCTOBER 6 - THE VIRGIN SPRING**  
MAX VON SYDOW. Directed by Ingmar Bergman. PG 13--1959. This grim depiction of a father's vengeance for the rape and murder of his virgin daughter is one of Berman's most powerful and accessible films.

## NOTICE

The Associated Students of the University of Missouri will be electing one undergraduate for a full term to its Board of Directors

- \* Attend monthly meetings
- \* Provide direction for ASUM, state-wide
- \* Set legislative priorities
- \* Assist with programming at UMR

Board member will be elected at  
the Student Council meeting on Sept. 22

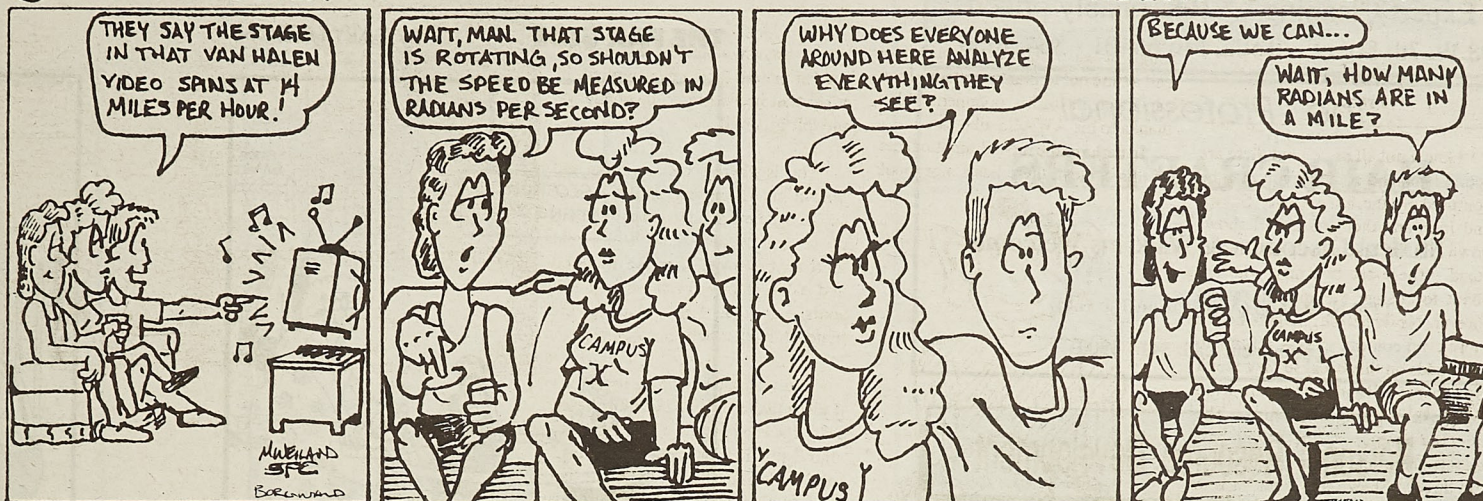
For more information, call

ASUM 341-4970

Student Council 341-4280



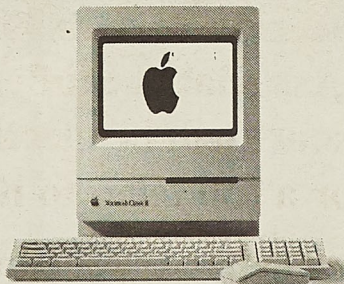
# ONLY IN ROLLA...



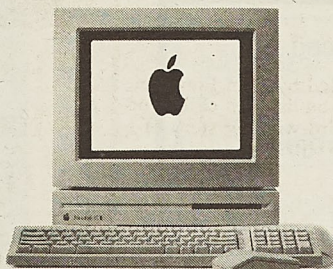
## The Macintosh Student Aid Package.



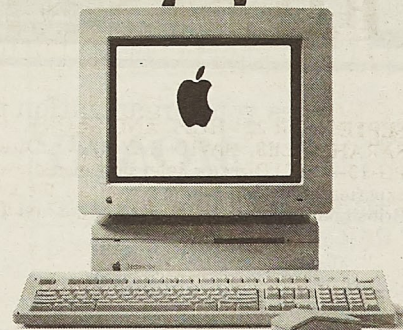
Apple Macintosh PowerBook™ 145 4/40



Apple Macintosh Classic® II



Apple Macintosh LC II



Apple Macintosh IIsi

Get over \$400 worth of preloaded software when you buy one of the Apple® Macintosh® computers shown above at our best prices ever. And if you are interested in financing options, be sure to ask for details about the Apple Computer Loan. But hurry, because student

aid like this is only available through October 15, 1992 – and only at your authorized Apple campus reseller.

For further information contact  
**Ben Strehlman at**  
**114 Mathematic Computer Science Bldg.**  
**341-4841**



© 1992 Apple Computer, Inc. Apple, the Apple logo, and Macintosh are registered trademarks of Apple Computer, Inc. Classic is a registered trademark licensed to Apple Computer, Inc. PowerBook is a trademark of Apple Computer, Inc. The Random House Encyclopedia is a trademark of Random House, Inc. American Heritage Electronic Dictionary, Electronic Thesaurus, and CorrectText® developed by Houghton Mifflin Company, publisher of The American Heritage Dictionary and Roget's II: The New Thesaurus. CorrectText underlying technology developed by Language Systems, Inc. Calendar Creator is a trademark of Power Up Software Corporation. ResumeWriter is a trademark of Bootstrap Software Company, Inc. All product names are the trademark of their respective holders. Offer good on the Macintosh PowerBook 145 4/40 configuration only. All qualifying computers come preloaded with software and electronic versions of instructions. Disks and printed manuals are not included in this offer.



## QUALITY CLEANERS

\* Expert Cleaning \* Reasonably priced  
108 W. 7th Street Rolla, Mo 65401 364-3650

## -The Professional - HAIR CRAFTERS

Student Discounts & Walk-ins Welcome

1720 N. Bishop (Across from T.J. Hall)  
for appointment call: 341-3800

## Personal Resource Development



### UPCOMING PROGRAMS

#### TEST ANXIETY

Monday, Sept. 21  
3:30-4:30 pm; 209 Norwood Hall  
Facilitator: Dr. Gene Van Matre

#### IF SUNDAES HAVE CHERRIES ON TOP, THEN WHAT AM I?

Tuesday, Sept. 22  
3:30-4:30 pm; 209 Norwood Hall  
Facilitator: Dr. Camille Consolvo

#### I THINK I CAN

Thursday, Sept. 24  
3:30-4:30 pm; 209 Norwood Hall  
Facilitator: Ms. Sandra Terry

Sponsored by  
Counseling & Career Development  
204 Norwood Hall; 341-4211

Does your organization need

## MONEY

to get started or for special projects?

Apply to the **STUDENT COUNCIL**

Campus Organizations Fund. Applications  
are available in the Student Council Office,  
202 University Center West. The

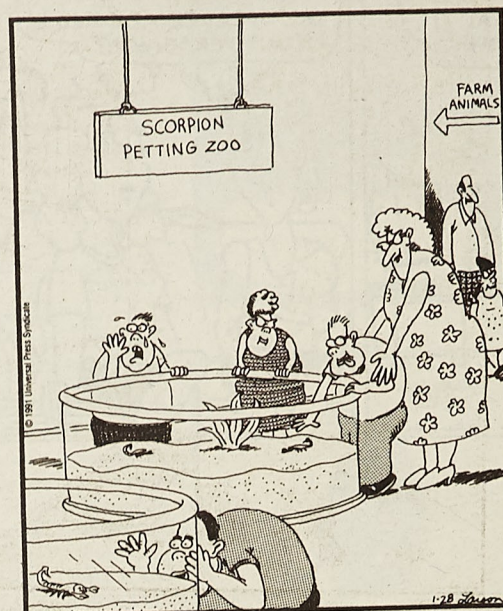
**DEADLINE** is Sept. 28th,

**SO DON'T DELAY!!**

Phone # 341-4280

## THE FAR SIDE

By GARY LARSON



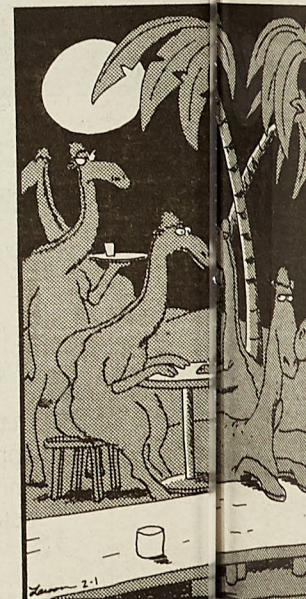
Innovative concepts in exposing city kids to nature



The growing animal liposuct



Hooting excitedly, primitive scientists Thak and Gork try out their new "Time Log."

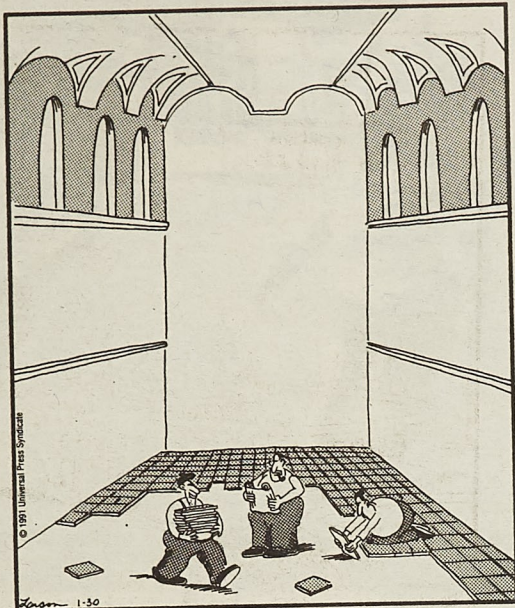


"Look at those two idiots... They taken a single drink... just to see... ends... under the table."

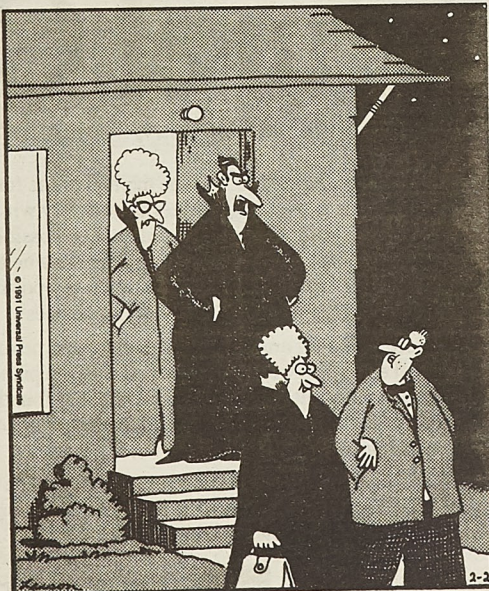




growing animal liposuction



Although history has long forgotten them, Lambini & Sons are generally credited with the Sistine Chapel floor.



"One more thing, young man. You get my daughter home before sunrise -- I don't want you coming back here with a pile of dried bones."



SCIENCE FICTION • FANTASY  
COMICS • GAMES  
1014 Pine St. Phone 364-4301

YOU HAVE FRIENDS WHO CARE  
AT...



PHONE: 364-0066

215 WEST 8th STREET  
P.O. BOX 832  
ROLLA, MISSOURI 65401

FOR HELP  
DURING UNPLANNED PREGNANCY  
FREE PREGNANCY TESTING  
NEW EARLY DETECTION METHOD



Bonnie Henry  
Owner-Stylist

Hair Designers  
(Formerly Creative Hair Design)

John Henry  
Owner-Stylist

212 Hwy 63 South  
Rolla, MO 65401  
(314) 364-4767

Wolff Tanning

Mon-Fri: 9AM - 6PM  
Sat: 9AM - ?

10% discount with student ID

MC/VISA accepted



## DAILY SPECIALS

SUNDAY	Buy one Footlong <b>GET ONE FOR 99¢</b> <small>(99¢ Sub must be of equal or lesser value)</small>
MONDAY	Footlong Combo or Meatball \$2.99
TUESDAY	Buy 1 Footlong Get 1 for 99¢ <small>(After 4:00 pm; 99¢ Sub must be of equal or lesser value)</small>
WEDNESDAY	Footlong Meal Deal \$4.99 Sandwich, Chip & Med. Soda <small>(Except Steak &amp; Seafood)</small>
THURSDAY	\$5.00 OFF Any 6' Party Sub
FRIDAY	\$1.00 OFF Any Large Salad
SATURDAY	BUY 2 FOOTLONG GET 1 FREE <small>(Free Sub must be of equal or lesser value)</small>

ROLLA  
Corner of 9th & Pine  
364-3395

Ft. Wood  
Gateway Shopping Center  
336-5922

Limited Time Only  
Not Good in Combination With Any Other Offer  
Not Valid On Delivery — One Special Per Visit



## Tae Kwon Do update

### Tae Kwon Do club SOURCE

This fall, the Tae Kwon Do Club will begin another semester at UMR. The club is instructed by Master H. K. Yi (a fifth degree black belt who once served on the Korean National Team), and the assistant instructor is student Andrew McCullough.



First off, we would like to invite anyone interested in joining the club to drop by regular practice or the demonstration on September 10. The demonstration will begin at 4:30 pm in the Multi-purpose Building Foyer. It will feature Tae Kwon Do techniques and board breaking. Regular club practice is at 4:00 - 6:00 PM ON Monday, Tuesday, Thursday and Friday at the same location. More information can be obtained by calling 341-3075.

The club would also like to recognize those members who competed in in the Union, Mo. tournament in July. Every member competing won an award. Congratulations go to Adam Brown, Jason Giles, Dave Klingman, Majid Shah, and Chris Wolfgeher. Special recognition goes to Richard Wu. Richard captured third in forms at the Jr. Olympics in Florida this summer.

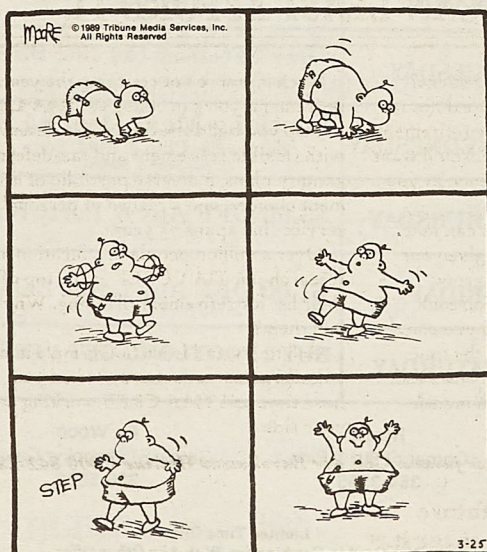
Several other events are planned for this fall. The club will be attending several tournaments, including Collegiate Nationals. Marking the end of the semester is an awards banquet during which newly achieved belt ranks are presented.

If you have ever wanted to take a martial art, this is the perfect chance. Attendance requirements are very liberal and the dues are reasonable. Come on out and join.



The women's soccer team this weekend fought to a 0-0 overtime tie against Missouri Baptist to move their record to 2-0-1. Updates on women's soccer as well as men's soccer and football will appear in next week's addition of the Miner.

## IN THE BLEACHERS by Steve Moore



Just Do It

ENGINEERS

# Make the Natural Choice.

Monday and Tuesday, September 21st and 22nd

Natural gas is predicted to become the fuel of the future for the United States. Now's the time to consider a career opportunity with a leader in natural gas - Delhi. Delhi's leadership status would not be possible without the contributions of the many talented and innovative engineers who exemplify the "can-do" attitude we seek. Delhi engineers hold many key positions on our management team and are essential to the future of our business.

We're searching for ambitious and enthusiastic petroleum, mechanical and chemical engineers who want to join one of the pioneers in the natural gas gathering and wholesaling business. Delhi has found new life as a stand-alone entity within the USX Marathon Group and continues to strengthen as it adds talented engineers to its team.

Make the natural choice and contact Delhi. We'll be on campus **Monday and Tuesday, September 21 and 22, 1992.** Contact your College Placement Office to schedule an interview or write to us at:



First City Center  
1700 Pacific Avenue  
Lock Box 10, Dept. UM  
Dallas, Texas 75201-4696

**Delhi Gas Pipeline Corporation**  
An Equal Opportunity Employer



## Jim's Journal

Steve came over today.



"Hey, Mr. P," he said when he saw Mr. Peterson.



Then he said, "Jim, look what I brought."



It was the board game, Sorry.

We played a few games of Sorry, and Mr. Peterson kept pouncing on the game pieces.



by Jim

Russell's

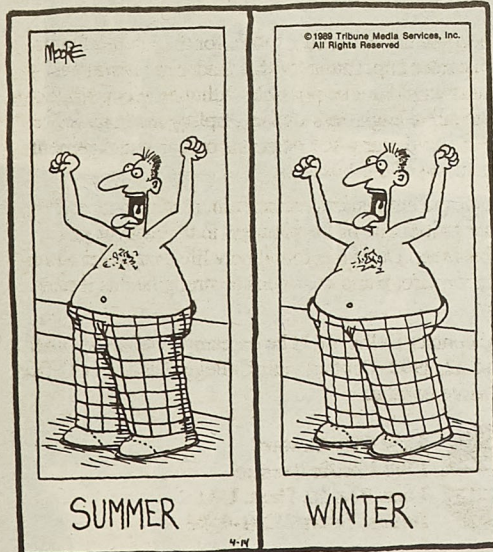
Men's Clothing Exclusively

15% off any one purchase with ad

713 Pine St.  
364-2323

## IN THE BLEACHERS

by Steve Moore



Proper bleachers attire

## PRINCIPLES of SOUND RETIREMENT INVESTING

Monthly Expenses	Income
Rent 775	1915
Telephone 60.32	845
Gas 60	
Electricity 45.88	
Car Loan 240	
Student Loans 175	
Insurance 125	
Credit Cards 165	
Overdraft (CHK) 189	
Groceries 300	
Entertainment 100	
Clothes 50	
Medical 275	

## IRONICALLY, THE TIME TO START SAVING FOR RETIREMENT IS WHEN IT LOOKS LIKE YOU CAN LEAST AFFORD IT.

Can't afford to save for retirement? The truth is, you can't afford not to. Not when you realize that your retirement can last 20 to 30 years or more. You'll want to live at least as comfortably then as you do now. And that takes planning.

By starting to save now, you can take advantage of tax-deferral and give your money time to compound and grow. Consider this: set aside just \$100 each month beginning at age 30 and you can accumulate over \$192,539\* by the time you reach age 65. But wait ten years and you'll have to budget \$227 each month to reach the same goal.

Even if you're not counting the years to retirement, you can count on TIAA-CREF to help you build the future you deserve—with flexible retirement and tax-deferred annuity plans, a diverse portfolio of investment choices, and a record of personal service that spans 75 years.

Over a million people in education and research put TIAA-CREF at the top of their list for retirement planning. Why not join them?

Call today and learn how simple it is to build a secure tomorrow when you have time and TIAA-CREF working on your side.

Start planning your future. Call our Enrollment Hotline 1 800 842-2888.

TIAA  
CREF

Ensuring the future  
for those who shape it.™

© 1992 Teachers Insurance and Annuity Association (College Retirement Equities Fund)

\*Assuming an interest rate of 7.5% credited to TIAA Retirement Annuities. This rate is used solely to show the power and effect of compounding. Lower or higher rates would produce very different results. CREF certificates are distributed by TIAA-CREF Individual and Institutional Services.





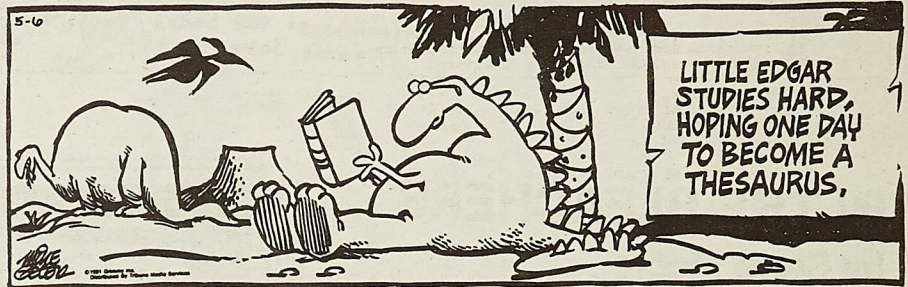
**Theta  
Tau's**  
*Annual*  
**Summerfest**  
this Sat.  
**Sept. 19**



**Mother Goose  
& GRIMM**

by Mike Peters

FOR RELEASE MAY 6, 1991



**right here  
ON CAMPUS  
for you.**

UNIVERSITY CENTER EAST  
Teller Window Open M-F 9:00-3:00  
Automatic Teller Machine

**OPEN YOUR CAMPUS ACCOUNT**

Developed especially for the UMR student who writes only a few checks each month. No monthly minimum balance. FREE automatic teller machine transactions, 25¢ per check and \$2.00 monthly maintenance fee per account.

**CHECKING PLUS**

Package account that offers the convenience of regular checking account privileges plus free personalized checks, \$10,000 accidental death insurance, traveler's discounts, traveler's check and money orders. No monthly minimum balance and unlimited check writing. A \$7.00 monthly maintenance fee per account which includes a teller machine card.

**REGULAR CHECKING ACCOUNT**

No charges are assessed to any account maintaining a \$500 minimum balance during the month. There are no additional charges for checks written. Teller machine card is available upon request.

Phelps County Bank  
UMR Banking Facility  
University Center

**WELCOME**

University Center East-UMR	8th & Pine Sts.	Hwy. 72 & Salem Ave.	Jefferson & Washington
Rolla	Rolla	Rolla	St. James
264-5202	264-5202	264-5202	265-3222





# Co-op Employment

Interview date: Tuesday, Sept. 29, 1992

BEKAERT DYERSBURG STEEL COMPANY  
Dyersburg, Tennessee

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

Requirements: 2.75 GPA or above. Academic level of applicants: at least 30 credit hours completed at the end of the present semester.

Sign-up date: Tuesday, Sept. 15, 1992

start work summer 93

1 schedule - 13 interview openings

\*\*\*\*\*

Interview date: Wednesday, Sept. 30, 1992

GENCORP AUTOMOTIVE  
Batesville, Arkansas

Interviewing: Mechanical Engineers

Requirements: 2.5 GPA or above. US Citizenship required. Academic level of applicants: at least 59 credit hours completed at the end of the present semester.

one hour interviews

start work spring 93

Sign-up date: Wed., Sept. 16, 1992

2 schedules - 14 interview openings

\*\*\*\*\*

SPECIAL NOTICE - PRESCREEN SCHEDULE

CO-OP EMPLOYMENT

SIGN-UP FOR UNION PACIFIC RAILROAD - CO-OP INTERVIEWS

TURN IN RESUMES: Wednesday, September 16, 1992

WHERE: 303D Norwood Hall, Co-op Office

TIMES: 8:00 am - 11:30 am - 1:00 pm - 4:15 pm

INTERVIEWING: Electrical, Mechanical, Civil

REQUIREMENTS: 2.7 or above. Academic level of applicants: at least sophomore level.

THE ACTUAL INTERVIEW DATE WILL BE WED. & THURS., OCTOBER 7 & 8, 1992.

Information meeting - Tuesday, Oct. 6 in the Mark Twain Room, Univ. Ctr. - East  
Event time: 7:00 pm  
All students interviewing with Union Pacific RR must attend.

Union Pacific Railroad, Omaha, Nebraska requested that we furnish them with resumes for pre-screening. We will accept as many CO-OP applications as we can collect. Just drop off a copy of your CO-OP application on the above turn in resume date. After pre-screening, Union Pacific Railroad 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 Tuesday, Sept. 29, 1992. Please check with the Co-op Office no later than the 29th.

SPECIAL NOTICE - PRESCREEN SCHEDULE

CO-OP EMPLOYMENT

SIGN-UP FOR HUNTER ENGINEERING, CO-OP INTERVIEWS

TURN IN RESUMES: Thursday, Sept. 17, 1992

WHERE: 303D Norwood Hall, Co-op Office

TIME: 8:00 am - 11:30 am - 1:00 pm - 4:15 pm

INTERVIEWING: Electrical Engineers and Mechanical Engineers

REQUIREMENTS: 3.0 GPA or above. American Citizenship required. Academic level of applicants: at least 75 credit hours completed at the end of the present semester.

start work spring 93

THE ACTUAL INTERVIEW DATE WILL BE TUESDAY, OCTOBER 6, 1992.

Hunter Engineering, St. Louis, Missouri 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 turn in resume date. After pre-screening, HUNTER will send the Co-op Office a list of those students they are interested in interviewing. The list should be posted in the UMR Co-op Office by Tuesday, September 29. Check with the Co-op Office no later than Sept. 29.

Interview date: Thursday, Oct. 1, 1992

HUTCHINSON TECHNOLOGY  
Hutchinson, Kansas

Interviewing: Electrical and Mechanical

Requirements: 2.8 GPA or above. Academic level of applicants: at least 72 credit hours completed at the end of the present semester.

start work January 93 and continue til Aug 93

Sign-up date: Thursday, Sept. 17, 1992

2 schedules - 24 interview openings

Informational meeting: Wed., Sept. 30, Univ-Center East, 211 Meramec Room, 7-9 pm. All students interviewing with Hutchinson must attend.

\*\*\*\*\*

Interview date: Tuesday, Oct. 6, 1992

UNION ELECTRIC  
St. Louis, Missouri

Interviewing: Electrical, Mechanical, Civil, and Nuclear Engineers

Requirements: 2.5 GPA or above. Must be legally eligible to work in US. Academic level of applicants: at least 75 credit hours completed at the end of the present semester. Must be taking or have taken some of the 1st semester junior level courses.

Sign-up date: Tuesday, Sept. 22, 1992

2 schedules - 26 interview openings

\*\*\*\*\*



Interview date: Tuesday, October 6, 1992

SUNNEN PRODUCTS  
St. Louis, Missouri

Interviewing: Ceramic, Mechanical Engineers

Requirements: 3.0 GPA or above. Citizen or permanent visa required. Academic level of applicants: at least 30 credit hours completed at the end of the present semester.

start work spring or summer 93

Sign-up date: Tuesday, Sept. 22, 1992

1 schedule - 12 interview openings

\*\*\*\*\*

MARTIN MARIETTA  
Oak Ridge Tennessee

Interviewing: Mechanical, Electrical, Chemical, Computer Science, Engineering Management, Ceramic, Chemistry, Nuclear, Physics, Civil, Math

Requirements: 2.5 GPA or above, but prefer a 3.0 US Citizenship

Turn in resumes: Wed., Sept. 23, 1992

RESUMES ONLY. Co-op applications only. Company will not be interviewing on campus. Students will be notified directly from Martin Marietta if they are interested in interviewing you.

\*\*\*\*\*

Interview date: Wed., October 7, 1992

AMERICAN CYANAMID  
Hannibal, Missouri

Interviewing: Chemical Engineers and Mechanical Engineers

Requirements: 2.5 GPA or above. Resident status. Academic level of applicants: at least 29 credit hours completed at the end of the present semester.

start work spring 93

Sign-up date: Wed., Sept. 23, 1992

1 hour interviews

2 schedules - 12 interview opening

\*\*\*\*\*

Interview date: Friday, October 9, 1992

LYONDELL PETROCHEMICAL COMPANY  
Houston, Texas

Interviewing: Chemical, Civil Engineers (Environmental interest only for Civil)

Requirements: 2.75 GPA or above. US Citizen or work visa. Academic level of applicants: at least 29 credit hours completed at the end of the present semester.

Sign-up date: Friday, Sept. 25, 1992

1 schedule - 13 interview openings

\*\*\*\*\*

GENERAL MOTORS MILFORD PROVING GROUNDS  
Milford, Michigan

Interviewing: Mechanical Engineers

Requirements: 3.0 GPA or above.

start work spring or summer 93

Turn in Resumes: Monday, Sept. 28, 1992

RESUMES ONLY. Co-op applications only. Company will not be interviewing on campus. Student will be notified directly from GM if they are interested in interviewing you.

\*\*\*\*\*

Interview date: Monday, October 12, 1992

DOW USA  
Work locations: Louisiana, Texas, Michigan

Interviewing: Chemical and Electrical Engineers

Requirements: 2.8 GPA or above. Interview only US Citizens and nationals or aliens who have a legal right to work and remain permanently in the US. Academic level of applicants: at least 29 credit hours completed at the end of the present semester.

start work spring 93

Sign-up date: Monday, Sept. 28, 1992

1/2 schedule - 7 interview openings

\*\*\*\*\*

IBM CORPORATION  
Rochester, Minnesota

Interviewing: Computer Science and Electrical Engineers

Requirements: 3.2 GPA or above. US Citizenship.

start work spring or summer 93

Turn in resumes: Tuesday, Sept. 29, 1992

RESUMES ONLY. Co-op applications only. Company will not be interviewing on campus. Students will be notified directly from Martin Marietta if they are interested in interviewing you.

\*\*\*\*\*

ILLINOIS DEPARTMENT OF TRANSPORTATION  
Springfield, Illinois

Interviewing: Civil Engineers

Requirements: 2.4 GPA or above. Citizen or work permit required. Academic level of applicants: at least 60 credit hours completed at the end of the present semester.

start work spring or summer 93.

Turn in resumes: Tuesday, Sept. 29, 1992

RESUMES ONLY. Co-op applications only. Company will not be interviewing on campus. Students will be notified directly from Ill. Dept. of Transp. if they are interested in interviewing you.

\*\*\*\*\*



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.

October list will be out Friday, Sept. 18.

Please let the Co-op Office know immediately of any acceptance of an offer.

#### Addition - Sept. Co-op Interview Schedule

Interview date: Tuesday, Sept. 29, 1992

ALCO CONTROLS  
St. Louis, Missouri

Interviewing: Mechanical Engineers

Requirements: 2.0 or above.

Sign-up date: Tuesday, Sept. 15, 1992

2 schedules - 20 interview openings

\*\*\*\*\*

#### ADDITION - SEPTEMBER CO-OP INTERVIEW SCHEDULE

Interview date: Wednesday, Sept. 23, 1992

BUSSMANN  
ELLISVILLE, MO (St. Louis area)

Interviewing: Electrical Engineers

Requirements: 2.5 GPA or above. Must be completing 3 semesters of school

Sign-up date: Wed., Sept. 9, 1992

start work spring 93

1 schedule - 13 interview openings

\*\*\*\*\*

Interview date: Monday, Sept. 28, 1992

CARGILL INC  
Tampa, Florida

Interviewing: Chemical Engineers

Requirements: 3.0 is desired. Must be completing 1st semester sophomore year.

Sign-up date: Monday, Sept. 14, 1992

1 schedule - 13 interview openings

\*\*\*\*\*

#### Addition to September Co-op Interview Schedule

A.E. STALEY  
Decatur, Illinois

Interviewing: Chemical Engineers

Requirements: Sophomore or above.

Sign-up date: Friday, Sept. 25, 1992

1 schedule - 13 interview openings

\*\*\*\*\*

#### ADDITION TO CO-OP SEPTEMBER INTERVIEW SCHEDULE

INTERVIEW DATE: TUESDAY, SEPT. 22, 1992

DAMES AND MOORE  
OVERLAND PARK, KANSAS & ST. LOUIS, MO

INTERVIEWING: CHEMICAL, CHEMISTRY, CIVIL  
GEOLOGY, GEOLOGICAL, MECHANICAL

REQUIREMENTS: 3.2 GPA OR ABOVE

START WORK SPRING 93

SIGN-UP DATE: FRIDAY, SEPTEMBER 11, 1992

1 SCHEDULE - 13 INTERVIEW OPENINGS

\*\*\*\*\*

#### SUMMER EMPLOYMENT

WEEKLY DETAIL LIST #4  
Week of October 12-15, 1992

#### PRESCREENED INTERVIEWS

##### ETHYL HOUSTON PLANT

1000 N. South St.  
Pasadena, TX 77501  
attn: Mr. Larry Holloway

NUMBER OF SCHEDULES: 1  
MAJORS: Juniors in Chemical Engineering  
for summer employment  
LOCATION: Houston

MINIMUM G.P.A.: 3.2  
CITIZENSHIP: Must be U.S. Citizen

DEADLINE FOR TURNING IN RESUMES: September 22, 1992

INTERVIEW DATE: October 16, 1992



PERMANENT EMPLOYMENT

Weekly Detail List #4  
Week of October 12-16, 1992

PRESCREENED INTERVIEWS

HALLMARK

2501 McGee  
Kansas City, MO 64108  
attn: Ms. Cathy Wagner

NUMBER OF SCHEDULES: 2  
MAJORS: BS/MS Electrical or Mechanical Engineering, Engineering Management  
POSITION: Manufacturing Engineering - to develop and reduce cost of goods, provide capacity for new products and unit growth of existing products, and reduce cycle times. (More information will be available at the time of interview signups.)  
LOCATION: Kansas City, MO and surrounding Kansas facilities  
INTERVIEWING: December 1992 or May 1993 grads  
CITIZENSHIP: Must be U.S. citizen or authorized to work full time in the U.S.  
MINIMUM G.P.A.: 2.8

DEADLINE FOR TURNING IN RESUMES: September 22, 1992  
INTERVIEW DATE: October 12, 1992

CANCELLATIONS:

Brown & Root - September 29, 1992  
Motorola, Inc. (Land Mobile Products) - October 5, 1992  
Hughes Aircraft - October 12, 1992  
Unocal - October 12, 1992  
Dow Chemical - October 12, 1992  
General Motors - October 13-15, 1992  
Vista Chemical - October 15, 1992

BORG WARNER AUTOMOTIVE

12000 Tech Drive  
Livonia, MI 48150  
attn: Mr. Bob Clarke, Director Human Resources

NUMBER OF SCHEDULES: 2  
MAJORS: BS/Mechanical Engineering  
POSITION: Entry level positions in manufacturing engineering; and product/design engineering  
LOCATION: Muncie, Indiana; Bellwood, Illinois; Livonia, Michigan; Blytheville, Arkansas; Dixon, Illinois  
INTERVIEWING: December 1992 or May 1993 grads  
CITIZENSHIP: U.S. Citizen; Permanent Visa and Anyone authorized to work full time in the U.S. for other than practical training.  
DEADLINE FOR TURNING IN RESUMES: September 22, 1992  
INTERVIEW DATE: October 12, 1992

REACT ENVIRONMENTAL ENGINEERS

2208 Welsh Industrial Ct.  
St. Louis, MO 63146-4222  
attn: Ms. Leigh Harper, Manager of Human Resources

NUMBER OF SCHEDULES: 1  
MAJORS: prefer MS or PhD in Environmental/Civil Engineering; BS in Civil, Chemical or Geological Engineering  
POSITION: Entry level Environmental Engineer  
LOCATION: St. Louis  
INTERVIEWING: December 1992 or May, July 1993  
CITIZENSHIP: U.S. Citizen or must already have permit to work  
MINIMUM G.P.A.: 3.0

DEADLINE FOR TURNING IN RESUMES: September 22, 1992  
INTERVIEW DATE: October 12, 1992

THE PROCTER & GAMBLE COMPANY

Highway 177 & Route J  
Neelys Landing, MO 63755  
attn: Mr. R. K. Welker, Scheduling Coordinator

NUMBER OF SCHEDULES: 2-Oct. 12; 2-Oct. 13  
MAJORS: BS/MS Chemical, Mechanical, Civil or Electrical Engineering, Engineering Management  
POSITION: Plant Manufacturing Management  
INTERVIEWING: Manufacturing Managers have responsibility for the production of the extensive line of high quality P&G consumer and industrial products.  
LOCATION: Cape Girardeau plant  
INTERVIEWING: December 1992 or May 1993 grads  
CITIZENSHIP: Must be a U.S. citizen; a permanent refugee, or asylee immigrant; or a temporary resident admitted under the amnesty program of the 1986 Immigration Act.

DEADLINE FOR TURNING IN RESUMES: September 22, 1992  
INTERVIEW DATES: October 12-13, 1992

BAXTER HEALTHCARE

1900 Hwy 201  
Mountain Home, AR 72653  
attn: Mr. Stephen Smith

NUMBER OF SCHEDULES: 2-Oct. 14; 2-Oct. 15  
MAJORS/POSITION: BS/MS Mechanical, Electrical or Chemical Engineering or Engineering Management for Production Supervision, Project Management, Project Engineering, Cost Reduction, Quality Engineering & Process/Product Improvement  
BS/Computer Science for Programmer (December 1992 grads only)

LOCATION: Mountain Home, AR  
INTERVIEWING: December 1992 grads  
CITIZENSHIP: U.S.A.  
MINIMUM G.P.A.: 3.0

DEADLINE FOR TURNING IN RESUMES: September 22, 1992  
INTERVIEW DATES: October 14-15, 1992

Please note: CHANGE IN INTERVIEW DATES FOR BAXTER HEALTHCARE. INTERVIEW DATES ARE NOW OCT. 14-15, NOT OCT. 7-8. COMPUTER SCIENCE HAS BEEN ADDED.

CHICAGO BRIDGE & IRON

1501 North Division St.  
Plainfield, IL 60544  
attn: Mr. James A. Wees

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS Civil Engineering  
POSITION: Engineer in Engineer Training  
Program performing in engineering, construction, and/or manufacturing  
LOCATION: Nationwide  
INTERVIEWING: December 1992 or May 1993 grads  
MINIMUM G.P.A.: Prefer C+ as minimum  
CITIZENSHIP: U.S.A. or authorized to work in the U.S.A. on regular full-time basis, presently or at time of hire.

DEADLINE FOR TURNING IN RESUMES: September 22, 1992  
INTERVIEW DATE: October 16, 1992

NATIONAL STARCH AND CHEMICAL CO.

#10 Finderne Ave.  
Bridgewater, NJ 08807  
attn: Ms. Carol Dedrick

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS Chemical Engineering  
POSITION: Process/Project/Design Engineering positions at major manufacturing facilities in industrial starch division  
LOCATION: Indianapolis, IN; Kansas City, MO  
INTERVIEWING: December 1992 or May, July 1993  
CITIZENSHIP: U.S. Citizen; Permanent Resident  
MINIMUM G.P.A.: 2.6

PLEASE BRING UNOFFICIAL TRANSCRIPT TO THE INTERVIEW.

DEADLINE FOR TURNING IN RESUMES: September 22, 1992  
INTERVIEW DATE: October 16, 1992



**ETHYL HOUSTON PLANT**  
1000 N. South St.  
Pasadena, TX 77501  
attn: Mr. Larry Holloway

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS Chemical Engineering  
POSITION: Operation Engineer  
LOCATION: Houston plant (on Houston ship  
channel near Galveston Bay)  
INTERVIEWING: December 1992 or May 1993 grads  
CITIZENSHIP: Must be U.S. citizen  
MINIMUM G.P.A.: 3.2

DEADLINE FOR TURNING IN RESUMES: September 22, 1992  
INTERVIEW DATE: October 16, 1992

-----  
**ANHEUSER BUSCH HAS SCHEDULED INTERVIEWS FOR OCT. 15-15.**  
**INFORMATION IS NOT AVAILABLE AT THIS TIME.**

**NON-PRESCREENED INTERVIEWS**

**BASF CORPORATION**  
Chemicals Division  
100 Cherry Hill Road  
Parsippany, NJ 07054  
attn: Mr. Jerome Wichinsky

NUMBER OF SCHEDULES: 1  
MAJORS: BS/Chemical Engineering  
POSITION: Professional Development Program  
Rotational Engineering Assignments Program  
LOCATION: Nationwide  
INTERVIEWING: December 1992 or May 1993 grads  
MINIMUM G.P.A.: 2.7  
CITIZENSHIP: Must be permanent resident

INTERVIEW SIGNUP DATE: September 29, 1992  
INTERVIEW DATE: October 13, 1992

**LISTINGS FOR TEXAS INSTRUMENTS (also see pages 7 & 8)**

**TEXAS INSTRUMENTS/INFORMATION TECHNOLOGY**

P.O. Box 650311  
MS 3951  
Dallas, TX 75265  
attn: Ms. Jill Smola

NUMBER OF SCHEDULES: 1  
MAJORS: BS/Computer Science  
POSITION(S): Business Programmer/Analyst,  
Business Analysis, Software Programmer/  
Analyst, Systems Support Analyst  
LOCATION: Dallas, TX  
MINIMUM G.P.A.: 3.0 PREFERRED  
CITIZENSHIP: Applicants must be authorized or able  
to obtain authorization to be employed  
in the U.S. Certain positions require  
the applicant to be eligible to obtain a  
DOD security clearance and/or a vali-  
dated license under the export regu-  
lations of the State and Commerce Dept.  
INTERVIEWING: December 1992 or May 1993 grads

DEADLINE FOR TURNING IN RESUMES: September 22, 1992  
INTERVIEW DATES: October 8-9, 1992

**ROCKWELL INTERNATIONAL STUDENT JOBLINE**

Rockwell International's Student Jobline tells you  
immediately whether Rockwell has a job which could  
match your skills and needs.

Dial (310) 797-5707

Hardware/Software Specifications:  
IBM PC/compatible or Macintosh  
Modem: 300-2400 bps

Communications software:  
IBM - Crosstalk, Procomm, etc.  
Mac - Smartcomm, Quick Link, etc.

Protocol: 8 bit data; 1 stop bit; no parity

**TEXAS INSTRUMENTS DEFENSE SYSTEMS**

P.O. Box 650311  
MS 3951  
Dallas, TX 75265  
attn: Ms. Jill Smola

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS Electrical Engineering  
(with software, Mechanical Engineering or Engineering  
Management)  
POSITION: Design, development and production of  
state-of-the-art government electronics  
systems.  
LOCATION: Most openings in Dallas, Lewis-  
ville, Plano and McKinney, Texas;  
plants also located in Abilene, Austin  
and Sherman, Texas  
INTERVIEWING: December 1992 or May 1993 grads  
CITIZENSHIP: Applicants for the Defense Systems  
and Electronics Group will be hired into  
the Engineering Development and Place-  
ment Program (EDPP). EDPP assignment  
rotations require applicants to be eli-  
gible to obtain a U.S. Department of  
Defense Security Clearance. (To obtain  
a U.S. Department of Defense Security  
Clearance, the applicant is required  
to be a U.S. citizen.)

MINIMUM G.P.A.: 3.0  
(Unofficial transcript requested with resume from  
students)

DEADLINE FOR TURNING IN RESUMES: September 22, 1992  
INTERVIEW DATES: October 8-9, 1992

**TEXAS INSTRUMENTS SEMICONDUCTOR SALES**

P.O. Box 650311  
MS 3951  
Dallas, TX 75265  
attn: Ms. Jill Smola

NUMBER OF SCHEDULES: 1  
MAJORS: BS/Electrical Engineering  
or Computer Science (with hardware)  
Semiconductor Technical Sales  
POSITION: Representative, Semiconductor Mar-  
keting Specialist  
LOCATION: Dallas, Houston, Midland, TX  
INTERVIEWING: December 1992 or May 1993 grads  
MINIMUM G.P.A.: 3.0  
CITIZENSHIP: Applicants must be authorized  
or able to obtain authorization to be  
employed in the U.S. Certain positions  
require the applicant to be eligible  
to obtain DoD security clearance and/or  
validated license under the export  
regulations of the State and Commerce  
Departments.

DEADLINE FOR TURNING IN RESUMES: September 22, 1992  
INTERVIEW DATES: October 8-9, 1992



# Fall Seminar Series

## Resume Writing

Learn what interviewers are looking for on a resume and how to present that information clearly and concisely.

Thursday, Sept. 3	9 a.m.	Room 201 Norwood Hall
Thursday, Sept. 3	3 p.m.	Room 201 Norwood Hall
Tuesday, Sept. 8	2 p.m.	Room 201 Norwood Hall
Wednesday, Sept. 9	9 a.m.	Maramec Room — UCE
Wednesday, Sept. 9	3 p.m.	Room 201 Norwood Hall
Monday, Sept. 14	9 a.m.	Maramec Room — UCE
Monday, Sept. 14	3 p.m.	Room 201 Norwood Hall
Tuesday, Sept. 15	11 a.m.	Room 209 Norwood Hall
Tuesday, Sept. 15	3:30 p.m.	Room 201 Norwood Hall
Wednesday, Sept. 16	10 a.m.	Maramec Room — UCE
Wednesday, Sept. 16	2 p.m.	Room 201 Norwood Hall

## Interviewing Skills

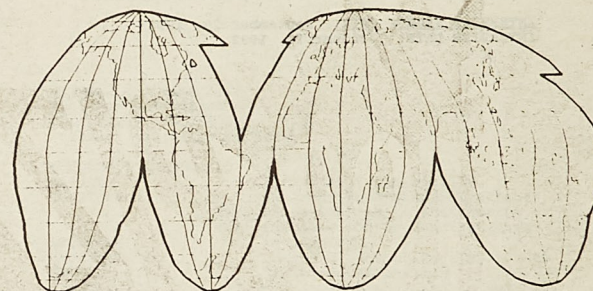
Learn interviewing techniques to help present yourself to prospective employers.

Thursday, Sept. 10	6:30 p.m.	Maramec Room — UCE
Wednesday, Sept. 16	6:30 p.m.	Maramec Room — UCE
Tuesday, Sept. 29	11 a.m.	Maramec Room — UCE

## Placement Procedures Seminar

Learn how to use the Placement and Cooperative Training Offices to your advantage.

6 p.m.  
Wednesday, Aug. 26, 1992  
ME Auditorium



## Industry Speakers

Learn from the experts. Hear what industry employees have to say about special topics.

*Strategies and Techniques for a Successful Interview*  
Phillips Petroleum Company  
6:30 p.m., Sept. 22, 1992  
209 Norwood Hall

*Making the Transition from Student to Professional*  
Caterpillar Inc.  
7 p.m., Oct. 7, 1992  
Maramec Room — UCE

*Taking Charge of Your Career: From Interviewing to On-The-Job*  
Black & Veatch  
7 p.m., Nov. 4, 1992  
Mark Twain Room — UCE

—There is a world of opportunity at the office of

## Placement & Cooperative Training

Office Hours:  
7:30 a.m. to 4:30 p.m., Monday through Friday

Schedule appointments for assistance with resume writing, interview techniques, co-op information or other career-related questions by calling 341-4343 or by stopping by Room 304.



# J. A. McCall

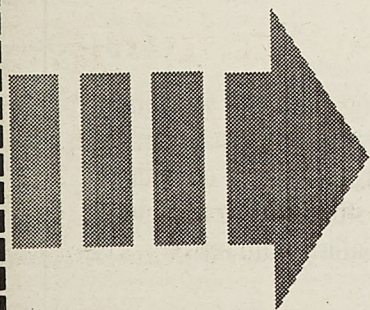
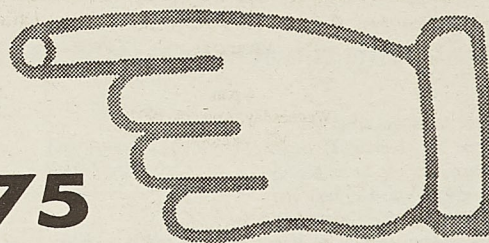
KUNG FU



Now Accepting  
New Members  
(except Salmon)

**free PIZZA**

**CALL 368-3575**



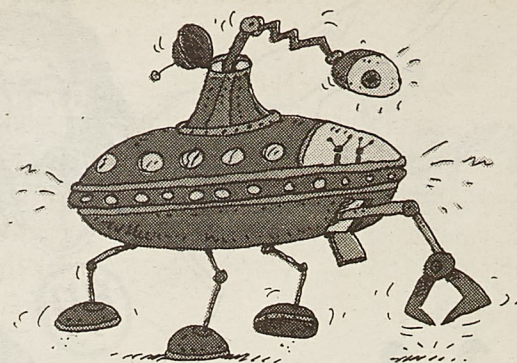
For the courtesy of a 20 minute consultation regarding financial strategies for the future, receive a coupon for a **free** large Pizza Inn pizza.

To take advantage of this offer, call 368-3575.  
This offer is available to **seniors** and **graduate students** only.  
For a limited time only.

**Mooney • Schanbacher**

*Serving the students of Rolla for more than 40 years.*





"You know, it's so ridiculous. If I don't call my parents every Sunday at exactly 5 o'clock, they think I was kidnapped by aliens, or something. Anyway, one Sunday me and Mark, we decide to take-off and check out the city. So we're hanging out and I look at my watch. 5 o'clock. Alright, so my calling card and I head down to the local pool hall. (Which I happen to know has a payphone) And I tell the folks the Martians send their best."

**N**o matter where you happen to be, the AT&T Calling Card can take you home.

It's also the least expensive way to call state-to-state on AT&T, when you can't dial direct. With the new AT&T Call and Save Plan, you'll get special discounts on AT&T Calling Card calls\*. And once you have your card, you'll never need to apply



for another.

If you get your Calling Card now, your first call will be free.\*\* And you'll become a member of AT&T Student Saver Plus, a program of products and services that saves students time and money.

All of which makes the AT&T Calling Card out of this world.

To get an AT&T Calling Card for off-campus calling, call 1 800 654-0471 Ext. 850.



© 1992 AT&T. \*Pending FCC approval. Please call above 800 number for details. \*\*You'll receive one \$3 AT&T L.D. Certificate equivalent to 22 minutes of card or direct-dialed, coast-to-coast, night and weekend calling based on rates effective 6/8/92. You could get more or fewer minutes depending on where or when you call. Offer limited to one certificate per student.



Indu

Rolla, M  
Missouri-R  
ver annivers  
Day on Thu  
UMR In  
help employ  
students and  
Mariano Tr  
ment and  
UMR. The  
attracting a  
employers  
businesses  
and the nat  
Employ  
and recruit  
students. E  
duct on-ca  
the event e  
up early for

Bus

What

F

On July  
signed into  
Amendmen  
prepared by  
Aid Office  
provisions  
Amendmen

Feder

"Subje  
authorized  
be as follow

\$3,700 for  
\$3,900 for  
\$4,100 for  
\$4,300 for  
\$4,500 for

The minim

Subsidiz