



03 Oct 1990

## The Missouri Miner, October 03, 1990

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# Missouri Miner



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

October 3, 1990

Volume 79, Number 7

Twenty-four pages

## Fraternity members suspended Bell donates to Minority Engineering Program

Tom Brown  
STAFF WRITER

On Saturday, September 22, twenty members of Sigma Phi Epsilon were suspended from the fraternity with no warning or grace period by their national fraternity. The suspensions came after claims of hazing by former members of this year's pledge class. Acts of so-called "hazing" included: not allowing pledges to walk through the front door, having pledges do clean-up detail, and having pledges carry around "gig" books.

Included in the list of those suspended were: five of the top G.P.A.s in the house, several officers, an officer in IFC, members of the St. Pat's Board, two new Theta Tau pledges, as well as an officer, and varsity athletes. Many were described by their brothers as "All-American boys." Of the 23 remaining actives, many walked out in protest of the National's actions.

Those members suspended would gain alumni status upon their graduation, but until then they are forced to find other housing and are not allowed on the property.

The following day, the two National representatives, one from Arizona State University and the other from a University of California campus, held a meeting with this year's pledge class of four weeks. The purpose of the meeting was to activate the pledges, but due to a turnout of approximately 150 protestors and the disapproval of the pledge class on the actions, the representatives put off the initiation.

In the meeting with the pledge class, the representatives gave the pledge an ultimatum of either becoming part of the "new" fraternity or leaving. The representatives felt the pledges needed to be treated as individuals and not as a group of pledges. They wanted the pledge program to be a learning experience. A number of the pledges stood

up in the meeting and expressed their disapproval of the decision of the National members. They voiced their opinions that the representatives suspended many "good people." Also in this meeting it was brought out that former pledges, who dropped out of the pledge program and school after only two weeks, had relatives contact Sig Ep's National. One of the student's relatives was an alumnus who contributed an undisclosed amount of money to the National Fraternity. Upon hearing his relative's experiences with washing dishes, he withdrew his funding and voiced his disapproval.

This past weekend those members, who were previously suspended, went through an appeal process. This time it was before the Alumni Advisory Board minus the National representatives. All but eight of the members

See Sig Ep, page 3

### News & Publications SOURCE

The University of Missouri-Rolla will have a more effective means of recruiting and retaining minority students for its Minority Engineering Program thanks to an \$80,000 grant received from the Southwestern Bell Foundation.

"On behalf of the campus, our students and faculty, I want to thank Southwestern Bell for its generous grant to UMR," says UMR Chancellor Martin C. Jischke. "This grant will greatly enhance UMR's ongoing commitment to attract and retain minority students."

"To work with the University of Missouri-Rolla on this project is ideal for Southwestern Bell Corporation (SBC)," says Richard Vehige, vice-

president, Missouri Operations for Southwestern Bell Telephone. "Education is a high priority for the SBC Foundation and, to be able to support such a proven program for minority student retention, is a tremendous opportunity for everyone involved."

According to Floyd Harris, director of UMR's Minority Engineering Program, the grant will be specifically used to 1) offer a credit course at UMR for entering minority students; 2) invite 50 high school mathematics and science teachers to visit the UMR campus and learn about the various courses and opportunities for minority students; 3) offer an eight-week program for ninth-grade students in St. Louis on "Elements of Engineering"; and 4) fund a two-week summer program at UMR titled "Introduction to the Sciences" for minority high school sophomores and juniors statewide.

## International News Headlines--the week's events in review

Gary Meyer  
Staff Writer

**PERSIAN GULF** — During a week in which Iraqi president Saddam Hussein moved 70,000 troops into Kuwait and warned the United States to be prepared for "the mother of all battles", a "war more terrible than Vietnam", Washington officials have speculated publicly about the eminence of war. Representative Les Aspin, chairman of the House Armed Services Committee, stated that military action is likely later this year or early next when winter lessens the adversity of the Arabian Desert. President Bush, in some of his most implicative words yet, said that recent Iraqi actions "may lessen the time we have for the embargo to work", referring to the universal trade embargo against Iraq and occupied Kuwait that the United Nations imposed after Iraq's invasion of Kuwait on August 2.

President Bush's words came after a meeting with Sheik Jabar al-Ahmed al Sabah, the deposed emir of Kuwait, who informed the president of Iraqi atrocities including the removal of babies from incubators and ailing persons from life-support machines to free this medical equipment for use in Iraq. This is apparently a small portion

of the systematic looting that is taking place throughout Kuwait.

In further maneuvers to solidify Iraq's grip on Kuwait, Hussein has ordered the elimination of Kuwaiti

currency in a mandatory exchange of Kuwaiti dinars for Iraqi dinars. These actions and other recent Iraqi statements such as the threat to starve foreign diplomats and suggestions of

executing embassy personnel associated with harboring foreigners, have been denounced by Bush as acts of aggression. Rep. Les Aspin has said that Bush is likely to ask for United

Nations' approval for military action in the near future.

The United Nations Security Council voted 14-1 to impose an air embargo on Iraq that would deny landing rights for all aircraft leaving Iraq and require searches of all U.N. approved shipments of food and medicine for humanitarian purposes. Cuba cast the lone opposition vote. Secretary of State James Baker III and Soviet Foreign Minister Eduard Shevardnadze attended the Security Council meeting personally to cast their country's votes.

Saudi Arabia has expelled 32 Jordanian diplomats from its embassy and stopped oil deliveries to Jordan dealing a harsh blow to the Jordanian economy which has already been hit hard by the Persian Gulf crisis. Saudis cite the reason to be delinquency in payments, however, the consensus among Arab diplomats is that anger at Jordan and the pro-Saddam Hussein sentiments that it has harbored proved the cut-off.

This assertiveness is just one in a series of actions that indicate a changing role Saudi Arabia in the emerging new world order. Statements by senior Saudi officials include: "This crisis has shaken the country. We don't give



See World, page 3



# Calendar of Events

## Wednesday

Hand Gilding Club, 7 p.m., McNutt, Room 210

Bible Study Club, Mamec, 12:30

Wesley Mtg., 6 p.m.

Spelunkers Mtg., 206 McNutt, 6 p.m.

Pi Tau Sigma, 105 ME, 6 p.m.

HKN EE Help Session, 102 EE, 6:30 p.m.

Alpha Chi Sigma Mtg., G-3 Schrenk, 7 p.m.

ASCE, 114 CE, 7 p.m.

APO, 114 CE, 7 p.m.

Met. Soc., 211 McNutt, 9 p.m.

Newman Mass, 9 p.m.

Special Engineering Colloquium, "Collaborative Engineering Design," Robert J. K...sch, Organizational effectiveness consultant, Xerox Corp., 1:30 p.m., Advanced Technology Classroom, Engineering Management Building. Free.

Chemical Engineering Graduate Seminar Program, "Variable-Temperature Stepwise Desorption," Professor Emeritus Marshal E. Findley, UMR, 4 p.m., Room 125 Schrenk Hall. Free.

Juggling Club, 6-9 p.m., Miner Rec. Beginners are welcome. Want to learn? Bring balls, clubs, torches, knives, etc., to the Miner Rec at 7 p.m. NO BANKBOOKS PLEASE.

## Thursday

Film Series, "Betty Blue," 7 p.m. Miles Auditorium, Mechanical Engineering Bldg. Admission by season ticket or \$3 at the door.

Chinese Students Association, Missouri Room, 7 p.m.

Society of Hispanic Professional Eng. Mtg., 215 ME, 7 p.m.

Ceramic Engineering Seminar, "Electrical Conductivity, Seebeck Coefficient and Defect Structure of Ca-Doped YCrO<sub>3</sub>," George Carini, UMR, 3:40 p.m., Planje Auditorium, McNutt Hall. Free.

Physics Colloquium, "Absence of Localization in 1-Dimension," Philip Phillips, Massachusetts Institute of Technology, 4 p.m., 104 Physics Building. Free.

ROLLA NIGHT, Engineers' Club, St. Louis.

KME Math Help Session, 203 M-CS, 7-8 p.m.

## Friday

STUDENT COUNCIL FREE DAY!!!!!! (no classes)

## Saturday

UMR Football at SEMSU

Ozark Highland Pipe Band Invitational

Open Gaming, 317 CE, 9 a.m.

Chinese Student Assoc. Movie Series, G-3 Schrenk, 7 p.m.

## Sunday

Open Gaming, Sunrize, 12 p.m.

Wesley Chapel, 7 p.m.

KMNR Mtg., 107C Old Mining, 8 p.m.

## Monday

COLUMBUS DAY

Independents BOG Mtg., Maramec, 7 p.m.

Sub Presents: Homecoming Comedy Night, Hockey Puck, 8 p.m.

Christian Campus Fellowship (CCF), Missouri Room, UCE 6 p.m.

Brechmacher House Movies, "Dream Team", and "Dead Poet's Society", 8 p.m.

## Tuesday

Amnesty International, is a non-profit organization advocating human rights. The AI chapter at UMR was only approved this past April. We are new, but already off to a great start with many long-range projects scheduled for this year. If you would like to be a part of this group, we meet every other Tuesday, starting with October 2, in room 203 in the Library. If you would like more information, feel free to call: President, Ju Chien Hsu at 341-9247 or Vice-President, Linda Pluschke at 364-9391.

Staff Council, 10:30 a.m.

Stucco Lawyer, Walnut Room, 2:30 p.m.

SWE Mtg., Maramec Room, 5:30 p.m.

AEG Mtg., 204 McNutt, 6:30 p.m.

KME Math Help Sessions, 203 M-CS, 7 p.m.

EIT Review Session, 114 CE 7 p.m.

ASME, 107C Mining, 7 p.m.

Chi Alpha Mtg., 210 McNutt, 7:30 p.m.

KME Mtg., G-5 H-SS, 8:15 p.m.

Graduate Student Seminar Series, "Development of a Design Heat Loss Procedure for Radia-

Heating Systems for Thermal Comfort," S. Suryanarayana, UMR, 4:30 p.m., room 107C, Mechanical Engineering Annex. Free.

Engineering Education in the 21st Century Lecture, "Student Diversity: A Challenge for Engineering Education," Dr. Eleanor Baum, Cooper Union, New York City, 7 p.m., Mills Auditorium, Mechanical Engineering Building. Free.

## Next Wednesday

Sport Parachute Club, 210 McNutt Hall, 7 p.m.

Bible Study Club, Maramec, 12:30 p.m.

Wesley Mtg., 6 p.m.

Spelunkers Mtg., 206 McNutt, 6 p.m.

Blue Key Mtg., 216 ME, 6:15 p.m.

HKN EE Help Sessions, 102 EE, 6:30 p.m.

AGC Mtg., 114 CR 7 p.m.

Newman Mass, 9 p.m.

Sigma XI Luchon Mtg., "Effects of Extremely Low Frequency Interference on Power Systems," Dr. Keith Stanek, Fred Finley Professor of Electrical Engineering, UMR. Luncheon at noon, program at 12:30 p.m., Maramec Room, University Center-East. Dutch treat lunch.

History Club Mtg., G-5 H-SS, 3:30 p.m. Everyone welcome.

Juggling Club, Miner Rec., 6-9 p.m.

## Noday

Bi Gala, There is a new group forming in Rolla of Gay, Lesbian, and Bi-sexual adults. The group will meet every two weeks for talk, entertainment and fun. For every one's protection, the group is confidential. For more information, call Wendy Pelton at 364-1717.

## Financial Aid

**CORRECT STUDENT ADDRESS VERY IMPORTANT** The student Financial Aid office is encouraging students to contact the Registrar's office to make sure that their permanent (P) address and local (L) address on file is correct. The Student Financial Aid Office notifies students in the summer of each year at their permanent (P) address on what financial aid will be offered to them for the next year. While classes are in session, all Student Financial Aid Office correspondence and "financial aid proceeds" checks are sent to the students local (L) address.

The Registrar's Office should be contacted whenever a student's Permanent (P) or Local (L) address changes.

## THE FOUNDATION OF THE WALL AND CEILING INDUSTRY

The Foundation of the Wall and Ceiling Industry is offering 15 \$500 scholarships to students pursuing construction-related careers in fields such

as construction supervision, architecture and industrial technology. Eligibility requirements are:

Pursuing a degree in a construction-related field. A full-time student at the college sophomore or junior levels. Junior level candidates must have one full academic year of coursework remaining at the beginning of the 1990 fall term.

OR

A first or second year student attending a two-year school.

Application Deadline: December 3, 1990.

Additional information and applications can be obtained in the Student Financial Aid office, G-1 Parker Hall

## THE DR. ROBERT H. GODDARD

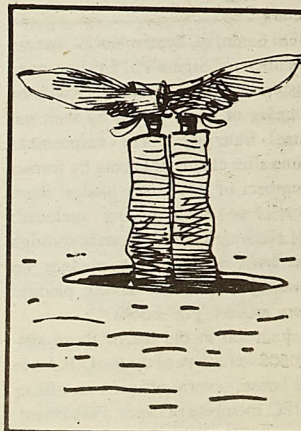
**SCHOLARSHIP** The National Space Club will award a \$7,500 scholarship for the academic year 1991-92. The scholarship is in memory of Dr. Robert H. Goddard, America's rocket pioneer. The award is given to stimulate the interest of talented students in the opportunity to advance scientific knowledge

through space research and exploration. The terms of the scholarship are as follows:

The applicant must be a U.S. citizen, in at least the junior year of an accredited university and have the intention of pursuing undergraduate or graduate studies in science or engineering during the interval scholarship.

Application Deadline: January 4, 1991

Additional information can be picked up at the Student Financial Aid office in G-1 Parker Hall.



## 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.

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## World

a damn anymore about Arab unity, which never existed anyway. You are going to see us defend ourselves," and "We kissed Arafat on the cheek for years in the name of Arab brotherhood. No more. He's a thug."

**SOUTH AFRICA** — A lull in the storm of South African violence accompanied talks between presidents in Washington D.C. and talks about talks between rival leaders in Johannesburg.

South African president F.W. DeKlerk journeyed to Washington to meet with President George Bush in an attempt to assure him that changes in South Africa will continue and appeal for a laxening of the trade embargo imposed by the United States in 1986. DeKlerk told the president that South Africa is on an irreversible course away from apartheid, the government's policy of white supremacy, and that an independent judiciary, a bill of rights, and a system of checks and balances were being established. However, Herman Cohen, the American Assistant Secretary of State for Africa conditioned the end of the embargo on release of political prisoners, removal of restrictive measures on blacks, and a lift on the state of emergency in the Natal province where over 500 blacks have died in the two

months of tribal fighting.

Chief Mangosuthu Butheleze, president of the Ithata political movement, has accepted Nelson Mandela's invitation to a conference to work out a common strategy for stopping the fighting between the two men's followers that has caused 5000 deaths in the last four years. Nelson Mandela is the leader of the African Congress (ANC), the most vocal antiapartheid group in South Africa. The two men were allied until 1979 when Chief Butheleze of the Zulu tribe refused to support an ANC lead armed struggle and the use of the Zulu's territory as a guerrilla training ground.

**SOVIET UNION** — As three plans for economic reform lay on the table, handicapped by bureaucratic constraints and an uncertain Supreme Soviet, Soviet president Mikhail Gorbachev requested and was granted sweeping powers to control dissemination of government property, maintain law and order, and manipulate nearly all aspects of the crumbling Soviet economy during the transition to a free market. The law, passed by a 305-46 vote with 41 abstentions, aroused concern in a public already distrustful of Gorbachev who has presided over the nation's decline into

The first significant measure expected to be decreed by Gorbachev under his new powers is the conversion of 550 arms factories to produce consumer goods. In addition to supplying items desperately needed by the citizens of the Soviet Union the move is intended to quell fears of military resurgence and assure citizens that the central government is indeed working for the people.

The world-wide contraction of Soviet assistance and trade is leaving may countries struggling in the far more competitive hard currency marketplace. Cuba, for example, has steeped up rationing of may supplies that is was previously depended on the Soviet Union for.

**GERMANY** — Final measures prior to the political unification of East Germany and West Germany are taking place. East European delegates of effectively defunct Warsaw Pact stationed in East Germany are being issued out. In a sometimes solemn, sometimes impassioned meeting of the shortlived East German parliament, members took turns at the podium to answer to claims of involvement with Stasi, the Moscow affiliated East German secret police. Some admitted affiliation and resigned from their seats; others vehemently denied

the claims against them. The purging of those Stasi members who have denied allegations and remain in office is one of the large problems facing a politically united Germany.

The political unification of Germany will occur on October 3 at which time the United States will relinquish territorial rights in Berlin and the evacuation of Soviet soldiers from East Germany will begin. The economic unification of Germany occurred on July 1, and has been followed by rampant unemployment and a surplus of goods in the formerly centrally controlled East Germany.

**LEBANON** — Lebanese president Elias Hrawi proposed a package of constitutional amendments setting forth a new political order for power sharing between Muslims and Christians. The proposal, intended to end the 15-year-old civil war, would establish a new government called the Lebanese Second Republic. However, General Michel Aoun, leader of the Christian segment of the Lebanese army still in occupation of the presidential complex, rejects the new plan. President Hrawi is expecting the aid of 40,000 Syrians troops to help him confront and his 15,000 men.

(Compiled from St. Louis Post-Dispatch and New York Times)

## Blasting Seminar to be held soon

### News & Publications SOURCE

A Blasters Training Seminar will be offered October 17-19 by the University of Missouri-Rolla in conjunction with the Missouri Limestone Producers Association's (MLPA) voluntary program for blaster certification.

The 20-hour seminar, which will be held at UMR, will emphasize the use of explosives for breaking rock in the crushed stone and construction industries. An optional test for MLPA certification will be given at the conclusion of the seminar.

The MLPA program establishes minimum standards for certifying that in individual has a knowledge of the safe use and handling of explosives.

Cost of the seminar is \$335 (\$305 for those affiliated with the MLPA).

For information about the seminar, contact Dr. Paul Worsey, Rock Mechanics and Explosives Research Center, UMR, Rolla, MO 65401, phone 314-341-4317.

## Sig Ep

from page 1

were reinstated as active members. According to Richard Stephenson, President of the Alumni Corporation of Sigma Phi Epsilon, this action is final and there will be no more appeals.

This incident came about by "the Fraternity not conforming to both National and Campus guidelines," said Stephenson. He commented that there was no type of physical abuse, but hazing, as defined by National and the campus, had occurred. Members of the fraternity are still confused and upset, feeling that the suspensions are still unjustified. Several made comments on how they were being used as an example and that the suspensions were just quotas. Stephenson pointed out that "there was a reluctance on the part of some of the brothers to make a change."

The majority of the members of Sig Ep have already sought out off-campus housing, some of which had already signed leases. "We want them to move back in the house, but the Alumni Board is committed not to cause these young men any financial loss," said Stephenson. "We will consider each case individually."

One of the older members who was suspended makes his life at the House, which is his permanent residence said, "They made an example of this house. They want middle of the road people, people with no opinions. It's the national trend towards fraternities."

## UMR ranked high in "Money College Guide"

### News & Publications SOURCE

The University of Missouri-Rolla ranks 66th in the nation of the top 100 public colleges and universities offering the best education for the money, according to the fall 1990 issue of "Money Guide to America's Best College Buys," a special issue of "Money College Guide."

The publication profiles American colleges and universities that provide a high-quality education.

"The University of Missouri-Rolla has an on-going commitment to its students to provide the best education possible," says UMR Chancellor Martin C. Jischke. "To be listed as one of the nation's finest universities is a wonderful recognition of UMR's efforts toward educational excellence."

Robert L. Lewis, director of Admissions at UMR, says, "This is a great honor for UMR to be included as one of the best buys in a college education. It will enhance our recruiting efforts and will reinforce our position as a quality university."

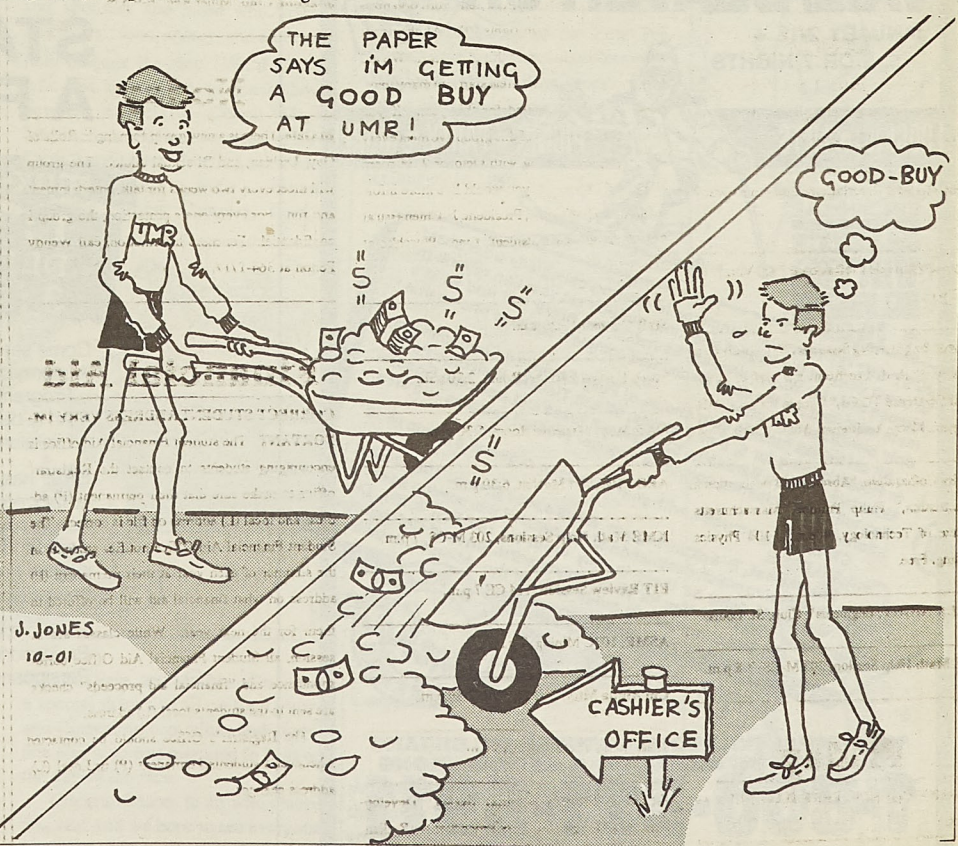
According to the guide, editor Jersey Gilbert developed the information using data supplied primarily by Peterson's Guides, publisher of college directories and self-help books.

The performance data includes 1) how much money each school devotes to student instruction; 2) the number of students that go on to get a Ph. D. degree; 3) the graduation rate among

students; 4) the SAT scores and class rank of incoming freshmen; 5) the student-faculty ratio; 6) the number of books in the library.

The publication notes that the cost

comparison system included the use of the school's full official price and the use of out-of-state charges in the case of public schools.





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# Features

## St. Pat's Board keeps active by helping serve the community

### St. Pat's Board SOURCE

Contrary to the opinion of several people, the St. Pat's Board does a great deal more than sponsor a celebration of mammoth proportion. We are also involved in a great deal of community service. For instance, this past Sunday all of the nearly thirty Board Reps contributed our time to help raise money for CROP, an organization aimed at stamping out hunger. The 10 km walk seemed longer than it actually was, but the weather was terrific and we had a great time showing off our new green jackets, (we are all the more glad they aren't some awful, drab color like gray). Another example of community involvement is highway cleanup. The St. Pat's Board has "adopted" over three miles of road, which we clean up twice a semester. These are only two of the many things the St. Pat's Board



intends to do to help better our community.

On October 12, the St. Pat's Board will participate in an event of a different kind, the Green-Crush-Gray Classic. Don't make any plans for that afternoon and come out and watch us cook the I.F.C.'s goose. HEY I.F.C., don't bring your new jackets, they might get dirty.

With only 162 daze left until the "BEST EVER" St. Pat's 1991, the Sweatshirt Design Contest results are in. The First place and Second place designs came from the pen of Terry Fall, a member of Tau Kappa Epsilon, who takes home with him \$175. Ryan Johnson, from Sigma Nu, took the \$25 Third place prize. Green will be coming out soon, so watch for the new designs and be sure to buy early.

GET FIRED UP UMR BECAUSE IN 162 DAZE, THE "IRISH UPRISING" IS GOING TO SHOW YOU HOW TO PARTY!!

## APO to hold first annual Aerobathon for charity

### APO SOURCE

On Saturday, October 27, Alpha Phi Omega (APO) Service Fraternity will be sponsoring the First Annual Aerobathon to benefit the Special Olympics. The event will be held from 11:00 a.m. until 12:00 p.m. at the Vessels Fitness Complex in Rolla.

Despite the fact that the event is only one hour long, it will involve weeks of preparation. Carrie Sachs, who is in charge of the project, along with the pledges, will be soliciting support from local businesses and residents. Meanwhile, an army of APO representatives will be asking for pledges and donations. The goal for the project is \$1,100 which is the aver-

age monthly operating expenses of the Special Olympics.

Special Olympics is held every year in the spring. It provides a sense of accomplishment and improves the morale of the mentally handicapped children who participate. The wheel chair races, broad jump, softball throw, and 50 yard dash are just a few examples of the events that take place.

In sponsoring this event, Alpha Phi Omega representatives will in turn aerobiscise for 1 hour in order to collect donations. If you are willing to donate something and an APO representative does not contact you call Carrie at 364-7001. Please be generous and contribute toward making the world a more enjoyable place for those special children.

## SUB thanks everyone for a successful triathalon

### Jennifer Zung STUDENT UNION BOARD

UMR-Student Union Board's Seventh Annual MINER TRIATHLON took place on Saturday, September 22. 24 individuals and 12 teams competed in this year's triathlon for a total of 60 competitors who were both students and non-students from Rolla as well as from surrounding areas.

#### MEN'S AGE UNDER 25

First - Tim Streb  
Second - Garth Brown  
Third - Lewis Wiles

#### MEN'S AGE 25 AND OVER

First - Mark Mullin  
Second - Ross A. Melick  
Third - James Feher

#### WOMEN'S AGE UNDER 25

First - Sandra Feher  
Second - Deborah Klaus

The Triathlon would not have been such a success without the support of our sponsors and those who volunteered their time, energy, and advice to help manage the race. We'd like to take this opportunity to thank those people, especially Coach Mark Mullin, Sam Ball and everyone at Key Sport Shop, Jerry Proffitt, and Pedal Power Cyclery, Alex's Pizza, Vessell's Fitness Complex, Kent's



The winners in each category of the Triathlon were as follows:  
Teams:

First - Mike Stus, Roger Protzman, Jason Schnepf  
Second - Kerry Kimmel, Joe Sauer, Brian Collingham  
Third - Brian Klein, Steve Curran, Eric Friisch

#### WOMEN'S AGE 25 AND OVER

First - Annette Rowe  
Second - Sue Burgess

#### BEST MEN'S OVERALL

- Mark Mullin

#### BEST WOMEN'S OVERALL

- Sandra Feher

Stained Glass, and McDonald's. Also, a special thanks to all on the Leisure and Recreation committee and everyone else who was recruited to help on the day of the race.

Congratulations to all who placed this year and we hope to see everyone back for next year's race.

## ZTA completes house renovations

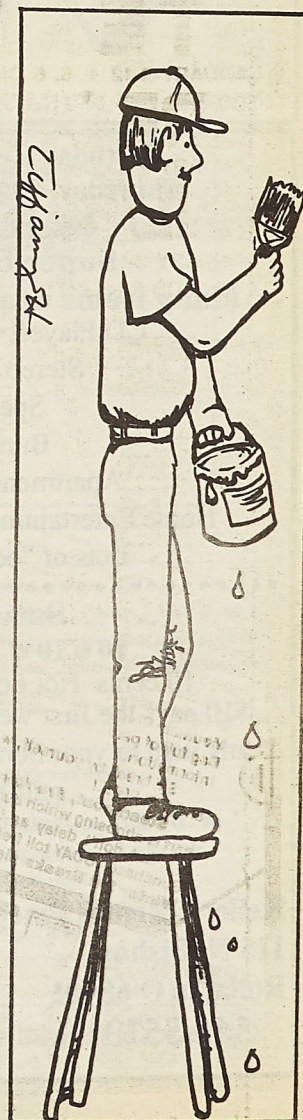
### By Aaron Solomon STAFF WRITER

Congratulations to the Zeta Tau Alpha sorority for the completion of their house remodeling work. Zeta Tau Alpha was chartered at the University of Missouri—Rolla in 1973. The present house was opened for occupancy in 1986.

Remodeling was done predominately to the interior of the house. Walls throughout the house were repainted, bathrooms refinished, and a central heat and air unit was installed. Construction was completed by a local Rolla contractor, and the heating-air unit was installed by Lenox-Heating and Air. Along with the remodeling work, two new word processors and a copy machine were purchased for the house members.

Doreen Schulz, super senior in the Geology Department, explained that the \$30,000 remodeling project was made possible through funds from the Zeta Tau Alpha National Housing Corporation.

Ms. Schulz expressed her feelings that the new look of the house, "makes the house easier to live in," and "everyone in the house was able to begin the semester with a good attitude."







## A CUT ABOVE HAIR SALON

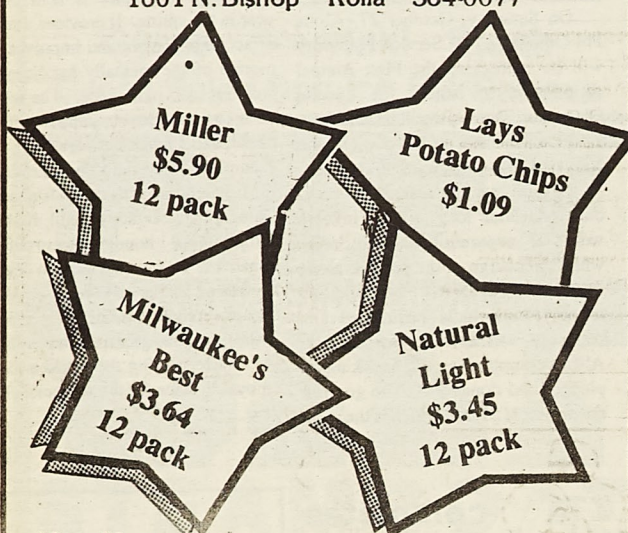
**TAN Special 10 for \$17.50**

209 West 11th St.

364-6866



1601 N. Bishop Rolla 364-0077



### New Hours:

Sun-Thur. 5-12 AM, Fri & Sat. 5-1AM

**Birthday Celebration Sale**  
**Thursday, Friday & Saturday**  
**October 4, 5 & 6**  
**Super Cash Sale**  
**Many items drastically reduced:**  
CD Players and Changers

Stereo Systems

Speakers

Bunkbeds

Apartment Size Dryer

Home Entertainment Center Cabinets

Lots of "odds & ends"

### Saturday!

**10 • 10 • 10 • Special**

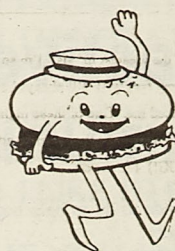
10 cents Hot dogs, 10 cents Pepsi  
\$10 pays the first weeks rental and delivers  
any item to your home when you choose to  
rent-to-own.

★ Be sure to register for free CD player ★  
★ to be given away on Saturday ★

**Keller's Rental Place**  
**115 N. Bishop**  
**Rolla, MO 65401**  
**341-5573**

**COUPON**  
**Good for 24 hrs.**  
**free rental**  
**Your choice**  
**VCR or Nintendo**  
**Action Set**

# DUBBLES



*Thanks for  
making us  
#1*

Two 1/4 lb. Burgers  
Two reg. French Fries  
Two 20 oz. Soft Drinks

**\$3.99**

Good through 10/30/90  
Not valid with any  
other offer 152-12

## HERE'S WHY THE SMART MONEY AT UNIVERSITY OF MISSOURI IS GOING WITH TIAA-CREF AS IF THE FUTURE DEPENDED ON IT.

**B**ecause it does. Smart investors know that your future depends on how well your retirement system performs. TIAA-CREF has been the premier retirement system for people in education and research for over 70 years. We have enabled over 200,000 people like you to enjoy a comfortable retirement. And over 1,000,000 more are now planning for the future with TIAA-CREF.

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for those who shape it.™**

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For more complete information, including charges and expenses, call 1 800 842-2733, ext 5509 for a prospectus. Read the prospectus carefully before you invest or send money.



# Classifieds

## Miscellaneous

### Student Organizations:

It is time to begin scheduling group photos for the yearbook, ROLLAMO. Please discuss a time and place, and contact Angela at 341-4279 or 364-2550 with the date, time and place you want your photograph taken.

### Help Preserve Our Forests and Keep Our Environment Clean

Now, for the first time ever, recycled paper is available at Quick-Copy at NO EXTR COST to you. This is high-quality paper that is an ideal substitution for ordinary bond (copy) paper. Simply ask for the EPA's Recycled Paper Offer at the Quick-Copy desk when placing your next order.

This offer is available to all students, faculty, staff of UMR. Additionally, ALL student groups, departments, and administrations are encouraged to participate. For more info, call Quick-Copy, or Gregg Sander (EPA Pres.) at 341-5903. Take advantage of this offer!

**For Sale:** J.V.C. TD-V66 Cassette Deck. 3 Head, 1 year old, good condition. Asking \$225 or Best offer. Call Paul at 364-8123

**For Sale:** Over 500 Compact Discs. \$8.00 each for singles, \$12.00 for doubles. Entire Zeppelin, Aerosmith, Van Halen, Journey, Bon Jovi, Collections. Queen's Greatest Hits. Hundreds of Pop and Rock available. Call for more information at 364-2564.

**Must sell!** New, from Sears: Beautiful white sofa, loveseat, and wing recliner. Scotchguard fabric. Also, three small glass and brass tables and two brass finish lamps. Will sacrifice all for \$1000. Call (314) 341-3214 after 5:00 p.m. weekdays or any time weekends.

**ATTENTION PROFESSORS AND STUDENTS:** Are you looking for an interesting program for your organization's next meeting? Want to schedule a "special event" for one of your classes this semester? The Alumni Association can help! Many alumni have volunteered to return to campus and speak on various topics. These generous men and women do not charge for their services and provide their own transportation, meals and lodging - there is NO COST to you for this service.

A list of willing alumni and their chosen topics is available by contacting Betty Volosin or Lindsay Bagnall in the Alumni Office, 101 Harris Hall, 341-4145. Let the Alumni Office help you find just the right speaker for your next meeting or class!

### English Club Book Sale:

October 15th-17th, 10:00-2:00 daily at the hockey puck. Come and get good books at a great price.

**For Sale:** HP 28S calculator with manuals, \$150.00. Call 341-8346.

**What kind of band do ya want?** The Student Union Board Concerts Committee would like to have the students' input. What kind of band do ya want? We want suggestions, clues, insight, on what the majority of y'all want to hear. Please, keep your suggestions reasonable and turn them in el pronto to the SUB office. The more we get, the more apt we are to actually hire a group to entertain y'all. The faster we get them, the more apt we are to have a fall semester concert. Thanks beaucoup!

**WE NEED SELF-MOTIVATED STUDENTS,** Earn up to \$10/hr. Market credit cards on campus. Flexible hours. Only 10 positions available. Call now. 1-800-950-8472, Ext. 20.

**Opened Cave,** 17 miles west of Rolla, ONYX Mountain Caverns, Natural, Scenic, Historical. West on I-44, Exit 172 D, West on North Outer Road. Call 762-3341 for more information.

**Southwinds is looking for your poetry,** short stories, drawings & photographs. Bring to English Department in Humanities-Social Science.

**Lou,**  
You are the greatest lil' sis! I'm so happy to have you in my family!!! I'll always be there for you, if you need me. One of these nights we are going to party ALL night together! (and you will learn to CHUG!) I love you.

LiCO,  
YBS

**Kim B.,**  
You're the best big sis! I'm psyched for the year.

Giggles

**Lambda Chi Awesome!**  
You are the one who said it!

**Noelle,**  
You're the greatest, you know that! Come talk anytime, (but this time you have to come up to my room!).

Love,  
Frankie

**Juice,**  
What does the word 'toast' mean to you? You're getting too old??

Giggles

**SM-**  
Wanna try those invisible handcuffs out on me?

SS

**Congrats to the new Initiates of Kappa Delta!**  
You are all awesome!

**Congratulations Zetas:**  
IK Reps: Angie Brickner & Lissy Kuenzel  
Stuco Rep: Amber Ockree  
Scrapbook Chairman: Amy Gefferth  
Homecoming Chairman: Meg Bohannon  
Homecoming Queen Cand.: Kim Roper  
Homecoming Queen Judge: Leslie Vigna

**The Ladies of Kappa Delta,**  
The room- to-room was a blast!! We should get together again sometime.  
The Men of Sigma Chi

**Hey Jill, Schonda, Debbie, Angel, Tricia, and the rest of the Kappa Delta's,**  
You're Bill Cosby's worst nightmare!! (Kids on Jello).

Don & Mike  
The Jello Gods

**Mike, Kellie, & Gerhardt,**  
It was a calling. I'm one of you now.

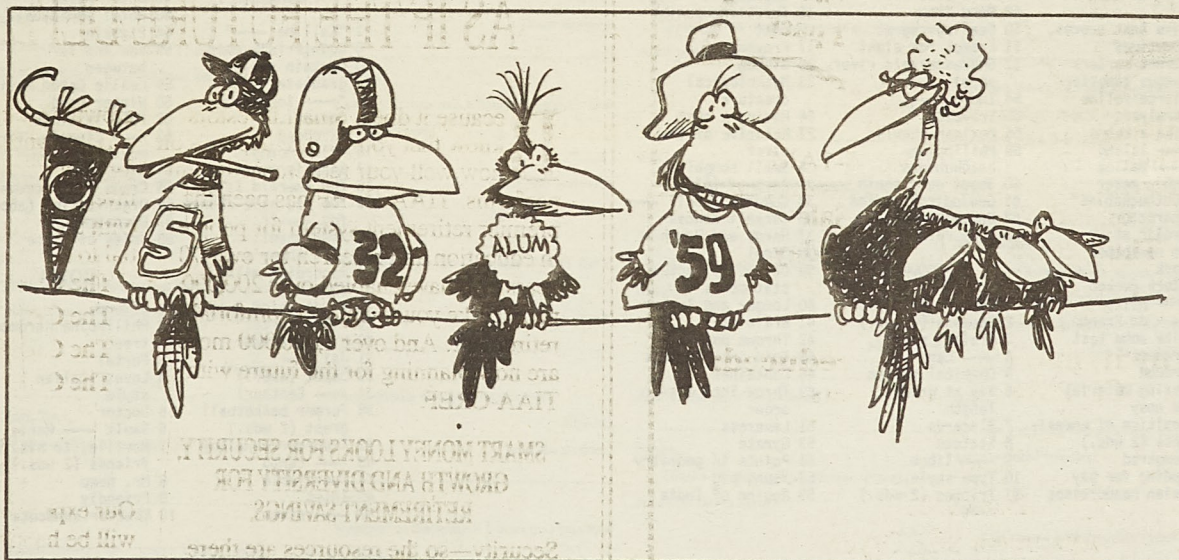
Don

**Happy Birthday:**  
Chris Hayes, Betsy Blaske, & Lisa Stiles.

Love,  
The Zetas

**Rhonda-**  
Welcome to the family! You're a great lil sis!  
LiCO,  
YBS

**Chipmunk-cheeks,**  
You can crash at my place anytime!  
Trash can queen



## Personals

**To all who have been afflicted by my presence these past six years:** I'm beaming up. Live long and prosper.

**Iris,**  
Come over and visit me more often! You are the only family I have left! I miss having you around!

ZLAM,  
Amber

**Groove,**  
C.M.S.? Ask O.P. how he was cured!

**Marsha,**  
Congratulations on being initiated into Kappa Delta!

Love,  
Your Favorite Zeta

**Tony,**  
Good luck with the new job and your defense. We are going to miss you around here. I think they are going to name a street or building after you since you've been here so long (just kidding!). Don't forget to stay in touch.

**Zeta Tau Alpha, Chi Omega, Kappa Delta, and the Little Signas,**  
Thanks for making Derby Days a blast. We had a GREAT time!!

The Men of Sigma Chi

**To all my "spotter" at Triangle,**  
Thanks for picking me up after my graceful fall.  
A wanna-be Gymnast

**Dieter\*3,**  
Good luck on that Phys test. Almost 11 months. Only one more until I get my ... what's it called again, you know what I mean, that round thing. Love ya!

Clueless

**To anyone who would come below with me:**  
I need an understanding friend.  
Always and ever isolated.

**Lynette,**  
I love partying with you, but next time you decide to take a nose dive onto Triangle's floor, warn me so I can find something to pad your fall!

Frankie

**Denise,**  
Congrats on initiation! I'm excited for you!

Giggles

**Polo Shirts worn every day**  
Baggy slacks are always grey  
Horizontal stripes on his shirt  
Grey running shoes showing dirt  
Never tucks his polo in  
Accents his body that is thin  
Is his closet all the same  
Maybe you know this prof's name

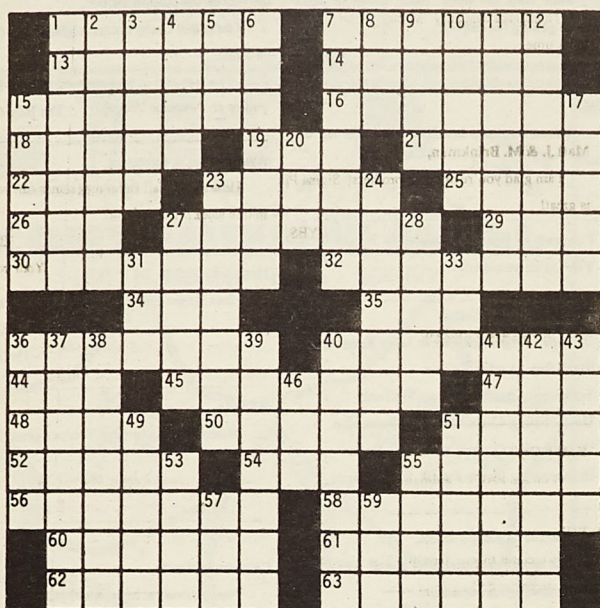
The Riddler

**See Classifieds, page 9**



# Fun & Games

## collegiate crossword



© Edward Julius Collegiate CW8716

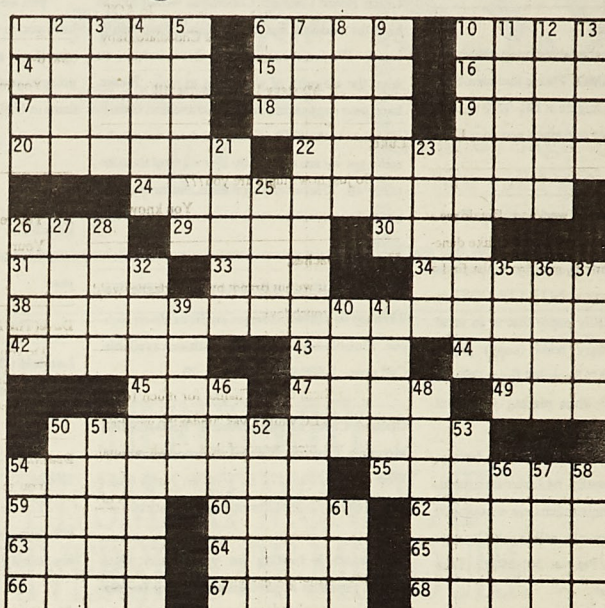
## ACROSS

- 1 Like test scores, sometimes  
7 Street workers  
13 Famous gangster  
14 Fierce feline  
15 Paralyzes  
16 Like a zebra  
18 — Island  
19 — Ballou  
21 Cubic meter  
22 "Untouchables" character  
23 Frolic about  
25 Do newspaper work  
26 Black cuckoo  
27 — Mills  
29 — de France  
30 Like some test graders  
32 Wrench  
34 Razing material  
35 Be nosy  
36 Position of uneasiness (2 wds.)  
40 Compared  
44 Ending for pay  
45 Asian headdresses

## DOWN

- 47 Miss Gabor  
48 Menu item  
50 Feeling regret  
51 French for eight  
52 Shakespeare's river, et al.  
54 India —  
55 Travesty  
56 Mexican shawls  
58 Philippine headhunters  
60 Shoot over again  
61 Geological period  
62 Unusual feats  
63 Like relief work  
12 Antiseptic  
15 Involving punishment  
17 Prevent  
20 Gibbon  
23 Mythological creature  
24 Having a chat  
27 Relative of the civet  
28 Small songbirds  
31 Part of TGIF  
33 Comedian Louis —  
36 Israeli dances  
37 Hardy and North  
38 Stool  
39 Obviously factual statements  
40 Longer and leaner  
41 Brain cell  
42 Thrown out  
43 Coin inscriptions  
46 Container  
49 Throw into disorder  
51 Leverets  
53 Gyrate  
55 Points in geometry  
57 Young pig  
59 Region of India

## collegiate crossword



© Edward Julius Collegiate CW8715

## ACROSS

- 1 "Call Me —"  
6 Counterfeit coin  
10 Certain college graduates  
14 — to bury Caesar...  
15 Shredded  
16 Milan money  
17 Genesis event  
18 The Emerald Isle  
19 "Do you have change for —?"  
20 — wheel  
22 Li'l Abner's girl  
24 Recording milieu (2 wds.)  
26 First Chief Justice  
29 "That hurts!"  
30 Hilo neckwear  
31 Jai —  
33 Depot (abbr.)  
34 — Centauri  
38 Former basketball great (2 wds.)  
42 Iron-carbon alloy  
43 — canto  
44 Inevitable  
45 Inlet  
47 — street  
49 Actor Ayres  
50 Hotel employee  
54 Pigskin  
55 Few and far between  
59 Leslie Caron movie  
60 Winter need  
62 Fold in cloth  
63 — Lincoln, first movie Tarzan  
64 — arms  
65 Creme de la creme  
66 Organization (abbr.)  
67 Dispatched  
68 Units of force

## DOWN

- 11 Blackjack player's words  
12 Sad  
13 Mentally sound  
21 "Be quiet!"  
23 Be libelous  
25 Prefix: eight  
26 Benchley thriller  
27 Dismounted  
28 Ivy League school  
32 Repetition  
35 One of the Beatles  
36 Opposite of fire  
37 Once more  
39 Scale  
40 Gymnastics equipment  
41 Lanchester and Maxwell  
46 Type of calculator  
48 Barked like a puppy  
50 Spirals  
51 Actress Celeste, and family  
52 Run to Gretna Green  
53 Dawdle  
54 Circus performer  
56 Jockey's holding  
57 Gratify  
58 Soissons summers  
61 Demolition need  
1 Offend  
2 Phillippine hardwood tree  
3 Portal  
4 Love, Italian style  
5 Doctor  
6 Sault — Marie  
7 Neville, to his friends (2 wds.)  
8 Mr. Heep  
9 Friendly  
10 Theater handouts

Solutions on page 11

## Six Flags prepares to scare with Fright Night III

### Six Flags SOURCE

As guests stroll through the streets of Six Flags Over Mid-America enjoying the changing leaves and the crisp fall air, faint cries in the distance signal the approaching of twilight, alerting all to prepare themselves for the evils of darkness. For at 6:00 p.m. on Friday, Oct. 12, fear invades the peaceful 200 acre theme park once again as mad specters from a violent past return for FRIGHT NIGHTS III—St. Louis' Scariest Halloween Party. For eight terrifying days, October 12, 13, 19, 20, 21, 26, 27, and 28, the

mystery of the unknown lures mortal into this haven of horrific delight where ghastly fun lurks behind each tombstone and in every dark corner.

Those who accept the invitation are graciously welcomed by the gatekeeper, an 18-story-tall-jack-o-lantern, as they enter the park's once serene front courtyard now filled with unrest. The friendly Crypt Keeper awaits all who dare to enter the House of the Living Dead. Winding through the fog, the murky waters carry passengers through centuries of evil. Mortals also find an open door at Burrow's House, where all are welcome to enter, but none are allowed to

leave. As guests make their way through the lurid passage ways of the mansion, they discover the dark secrets of the legend which lives within. If anyone should escape the visit to Burrow's House, the Terror Train awaits to take mortals for the ride of their lives. Upon departure, the haughty laughter of the conductor signals that danger is afoot.

For weary travelers, Dr. Fright's illusion show offers a resting place; but, only for a short time as disembodied souls roam the park in search of unsuspecting guests to play with them at the guillotine. There is safety in

numbers as guests gather at the Palace Music Hall for the Krypt Kickers and at the Monster Mash Bash for music and dancing. But, beware for the music may awaken lost spirits who rest nearby.

For young party goers, or the faint of heart, refuge can be found at Miss Kitty's during the Spooky Strings puppet show or in Pumpkin Patch for spooktacular games and activities. There is also Trick-or-Treating for ghost and goblins ages 11 and under.

Any guest presenting a Coke can at Six Flag's front gate will receive a \$5.00 discount off the regular adult

admission during FRIGHT NIGHT III. Additionally, \$5.00 discount coupons are available at area schools. From each ticket sale generated by the coupon, Six Flags will donate \$.50 to the teen support group TREND (Turning Recreational Excitement in New Directions).

Special events and times are subject to change without notice. Six Flags opens at 6 p.m. on Friday, Oct. 12, 19, and 26, and at 10 a.m. on Saturday and Sunday, Oct. 13, 20, 21, 27, 28; however, closing times may vary. Six Flags is closed to the public on Sunday, Oct. 14.



## Classifieds

from pg. 7

Renee, How are your Wrestle Mania cards? Isn't the Hulkster the best?!	Annie-Bananie, I love you girl! You are the best! You can always make me smile, even when I'm in the worst of moods! Please party with me this semester! OK?	Heather, Thumalina, thumalina, thumalina!! Oh, but you might not understand this since you are so young!	Cooler, What's next? The NFL!! Awesome touch-down!	RN: By the way-yes, you still are and always will be at heart. Congrats on your new status, and if you ever call us by ours, I will personally disown you. (I can do that now). Your awesome LS,
Dave, Dave, & Scott, Great job on the scavenger hunt! You guys are the greatest little bro's!	In AOT, Dark Chocolate Baby	In AOT, Annex	Scot- Thanks for being my "Mystery Man!" I had a great time!	Love, Your Zeta
Love, Laura	Hey Zetas!! Mystery Date was great!!	Barb- You're a cool roommate!	Matt J. & M. Brinkman, I am glad you're my little brothers! Sigma Pi is great!	FM P.S. The reason I'm an awesome LS is because you're an awesome BS.
Julcy- Heard you had fun last weekend. But do me a favor next time-the next time you feel like dancing, at least find a partner, and don't just find a Rolla-woman to go home with!!!	Luke, So just how stupid are you??? You know who.	Note: You're = the contraction of you are Your = the possession of an object	YBS, Amber	Ayako, How many mail-order magazines can you get in one week? Let's count!
Luv ya', Guess Who	Hey KD coaches, Maybe if we put Brandt by the endzone, we'd score more touchdowns.	Dave(The Lambda Chi), Do you think the next time we have one of our infamous three hour conversations we could talk about something besides GM?	Renee, Let's start 3-E plus D!	ZLAM, Your roommate
My Granddaughter is the coolest! Welcome to the family Peggy!	C.E.- I love them eyes! Thanks for much for the roses & the TLC while I was "under the weather." You are the most wonderful. Stick around, huh?	Deanna, You're the best grandma ever!	Kathy G., You are PARTY animal!	Amy, Hope I wasn't too mean on String Day. Pizza afterwards was good, but the company was better.
ZLAM, Amy	ABZ	ZLAM,	Beth, Welcome to our family. Hope you have a great semester and visit me often!	Love in KD, YBS
Bob (the RA), Phft! and Thft! Hope you enjoy babysitting. You know we need you. Right?!	Jill, What made the car jump in the driveway? Let's keep those hands on the wheel. Growl, baby.	Hey Scary, How is the swimming Schuman this time of year?	KD love, YBS	To that awesome Rugby Player(????), You know who you are, and here's you're personal.
Jill, Gosh, you just can't get those men off you can you? What are you thinking?	Delbert, Of course, the pony wouldn't like her even if she did get to drive. It would buck her right out.	In AOT, Your Roomie	Flem- I thought we'd take over your column for you since you're slackin'!	Guess Who?
Dawn, Thanks for the watermelon!	Delberta, Knots isn't the same without you guys! Get your butts over here!	ZLAM, The Knots watchers	Steph, I was nowhere near the woodchips.	Amy, Did you ever figure out how to get past the main menu? Just wondering!
Sher-Bear, You are the GREATEST grandma! I missed you so much last semester-it's great to have you back! LET'S PARTY!!	South Football, Thanks for playing, everyone.	Whitey, How come you let them toss you in for a swim??	Tricia, We'll make it through the semester yet! (maybe)	I love my partying with my sisters!! Thanks for showing me a great time a Sigma Nu and Lambda Chi. I almost forgot what it was like to be a grandma for a few hours.
Love in AOT, YLLS	Nina, I think a ski-trip for spring break is a great idea. None of us would have to leave our room.	Curious	Mary Helen	AOT, Becky
Harris, How come you never remember to send me personals?	Heather Marcie, Can anything else go wrong in lab?	ZLAM, Your lab partner.	Zeta Loves their houseboys!	Ram-Woman, Haven't seen much of you lately. What's up??? Be careful of all those Rolla dudes-they can be dangerous! Let's go party sometime.
Cyndi, Get Psyched! You are the best lil' sis ever! We are gonna have the best time!	Tori, Tori, Tori, Still sound like a movie. An old movie, though	Chris K., Welcome to the family! I'm so glad you're a Kappa Delta!	Jonna, Thanks for putting up with me. I'm glad we are really sisters now.	The former Girl Next Door
Love in KD, YBS	Ellen, Congratulations on your Homecoming Queen nomination. Gook luck.	Love in AOT, Your BBBB Sis - Nina	LiCO, YBB	Zetas, Did you know our own Amy-lou used to date a professional wrestler?
Peanut, You are a GUNKIE!!! Just so you don't forget. Payback time.	Who? P.S. It's a nice one!	J.S., Thanks for the flowers. You have to give me a tour, ok?	Dimples, Thanks for the muffins, they were great!	Matt, You know I love you, don't you? When am I getting my birthday present?
Nina, Do you think adopting two children would cut into your social life?	Love in AOT, YLS	Marshap, I'll adopt you.	Skeeter	Love, Butthead
Renee(a.k.a. Old Tennessee), Can you teach me that accent?! Oh, oh. You sound like a real souther Frenchman. I am so impressed!	Jenni, Did you read this, hmmm? I hope you enjoy your room, for the time being.	Ayako- How bout some nsky whiskey?	Nathaniel and Ryan, You are the coolest Sig Nu little Brothers ever!	YBS
B.E.B.F.H., Well, I'm here, where are you? Find me sometime for lunch? Or I'll even play tennis.	First Floor Zeta House, Don't you just love our two psycho birds?	Kory, Hope you had fun under the sea! I did!	Tracy, It's so wonderful having you as a part of our circle! You deserved it.	Hey Giggles, You're not living up to your name very much anymore! Don't let life get you down; Rolla's not that bad.
E	Nadra, Hungry? How about some cat food?!	ZLAM, Your Date	Stacey- Get prepared to party!	LaChelle, It's easier to handle your affairs from across the street than it is from Poplar Bluff.
	Mary Helen		ZLAM- Your family	Scary

See Classifieds, page 10



## Classifieds

from pg. 9

## Congratulations Zetas:

Pledge Officers: Pres. Angie B., V.P. Jill S., Sec. Karen G., Treasurer Shawn T., Historian Lisa S., Pledge Retreat Chairman Gina F., Founder's Day Skit Chariman Jami F.

Kerri,

You are the coolest Big Sis. You deserve me for you little sis.

LiCO,  
Angie B.

Ron &amp; Brian,

Hit, hit! Drink, drink!

L&amp;J

Mark (the brown one),

So do you want to sell the Beamer yet?? Maybe you should recycle your TA.

The nice TA

Lymon,

How's about a cracker??

Steve, Mark, and Jason,

You guys are the best little brothers!!

YBS

Ramwoman,

I'm glad my car is loud so you have plenty of warning what I get home!

Giggles

Since you are always reading these to see if any are for you- here it is. Oh, I LOVE YOU!!!

TD

FM,

Ready to have a great year at KD?

Giggles

Jerry,

I'm going to miss you. Thanks for adopting me. I'll mail you cookies and Rice Krispie treats.

YALS

Hey Aim,

Do you think you could set me up with the Million Dollar Man?

ZLAM,

A pro-wrestling Fan.

Hey Mystery Date,

I sure do like my sweatshirt! What a catch, huh!?

The Catch

Sweetie,

Don't worry, you are my dream guy!!

Love Always,

TD

Donna and Rhonda,

Do we have a great family or what!?

LiCO,

YB(B)S

To my coach,

I do not eat, I do not sleep, I just study! P.S. I'm looking forward to Mystery Date (even if it's not a mystery)

Love,

Renee

MGBZ,

Help! I'm writing personals and I do not know what to say!!!!

Mr. Fletcher

Hey Faenger!

Need a haircut??

ZTA pledges are #1!!

Amy,

Sorry I haven't been around much. I'll be better. Promise.

Love,  
Ed

Amy, Jonna, Cheryl, Cindy, Marcie-

Thanks for the card gals! It was greatly appreciated. I will definitely be there next semester!

LiCO,  
Jen

Nancy N.,

You are the coolest little sis! You are going to make an awesome big sis!!

ZLAM,  
Noe

The Campbell Soup Kid,

What kind of guys do you like? "The guys with the \_\_\_\_\_." You should be careful around those w.c.s!

Your "Boy?"

Is there anybody out there?

Help me stop the insipid, robotic dance.

Is there anybody in there?

Chelle,

I'm glad we are roomies! You're my greatest best friend and sister. Good luck this semester.

You other half

Natalie,

You are the greatest big sis ever! I love ya to death.

LiCO,  
YLS,  
Chera

MM in May,

No MAYBE about it BABY!!!

Juss' your baby.

Michelle L.,

Make up your mind!! They are all after you!!

Zlam,  
Me

Scott,

Thanks for taking care of me Friday night.

Your adopted big sis.

Harris &amp; Sander,

Ready for '91? I'll be there.

E.L.Y.

Wendi,

You did an awesome job as D.D.C.

Heather,

I'm much older and wiser than you. Just remember that.

Thumbalina

Sigma Chi,

Thanks for a great room-to-room! We'll have to party together again soon.

KD Love

Shannon,

I'm glad you're in my family!

ZLAM,  
Grandma

Renee &amp; Michelle,

Stop picking on me!! Guess this just means I'll have to get you back!!

J.G.,

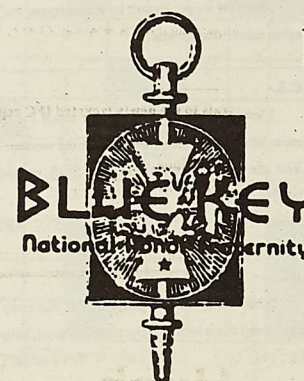
What did you want me to request?!

A.G.

T-Ball,

Do cows have wings?

## Congratulations

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**Lew,**  
How many are you up to now?? Four? Five?  
If you need any help just let me know. Don't waste  
all your money on the w.c.s!  
Hacker

**Lanie, Christy, Marcy, & Sue,**  
So when are we bankin?? You guys are the  
coolest!!!  
Can't wait,  
Noe, Anne & Michelle

**Shawn,**  
You're an awesome lil sister! We need to  
make the Zeta recipe soon!  
Zlam,  
YBS

**Jillie,**  
You're such an awesome roomie-2 semesters  
in a row even! This is going to be a great semester!  
Love in AOT,  
Nini

**To an awesome granddaughter Shawn!!**  
Congrats on your new office!  
ZLAM,  
Ybbs

**Christi,**  
Thanks for the Big Mac! Yes, you are an  
awesome big brother.  
YLS

**Delta Sig,**  
The cocktail party was awesome. Thanks for  
a super great time!

**The Kelley Clan is awesome!**

**Congrats to Kim R. ZTA's Homecoming Queen  
Candidate!!**

**KP,**  
Date Dash was fun.

ZLAM,  
A.G.

**Princess Nadra,**  
You're a great roomie! You'll have to go out  
and party with us some move!

**Michelle D.,**  
THAT'S BLACKMAIL!

-ZLAM,  
You know who

**Michelle,**  
Take care of those crabs!! (Hermit Crabs!)  
Zlam-  
a sister

**Jackye,**  
So what did ya think of your Mystery  
Date...Surprised?

**Tom & Jarrett,**  
Thanks for the truck stop adventure. (our  
treat next time).

Love in AOT,  
Your oldest roomie

Michelle & Noe

**Dork & Korina,**  
Like those jackets on you!!!

M & N

**Team,**  
When's the next G.N.O.?

Love,  
Tag

**Lyneete,**  
We'll have to have another weekend like ini-  
tiation weekend. Well, maybe not exactly like it.

LiCO,  
YR

**Frankie,**  
To my awesome Big Sis! Thank you for your  
singing at Lambda Chi. Let's make a midnight run  
to Kroger for cookie dough-son! Would you like  
to borrow one of my string day presents for 9/28??  
LiCO,  
Lil Sis

**KD Football coaches,**  
Thanks for helping us out. Get ready for Jello  
shot party #2!

KD Love,  
Your Team

**Michelle,**  
You're a cool roomie!  
ZLAM,  
Michelle

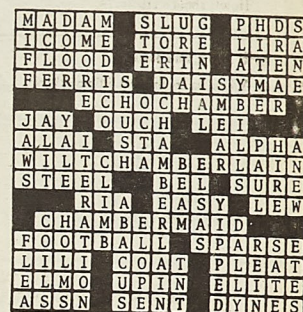
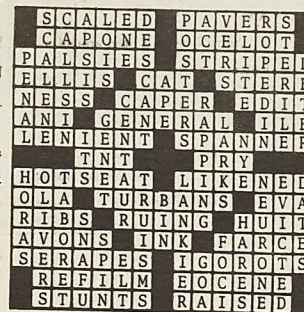
**To the Last Navajo,**  
Have you been taken by the "Bird" lately?  
That's ok, I'll take care of you any time!  
Tricia

**Dawn,**  
You're doing a great job again this semester!  
Wanna do it next semester, and the next, and ...?  
Love,  
A Zeta

**DAnne,**  
Hey, I thought the song was called "Love  
Shack" not "Lambda Shack!"  
In AOT,  
YLS

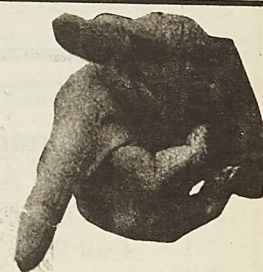
**Kappa Sigma,**  
How 'bout another game of caps for "Beer for  
Breakfast."  
Love,  
ZTA

**KA,**  
Get psyched for room to room tea.. cause we  
are.  
ZTA



# COMEDY NIGHT

**Hugh Fink** 8 pm Oct. 8 **Hockey Puck**



8 pm  
Oct. 8  
Hockey  
Puck

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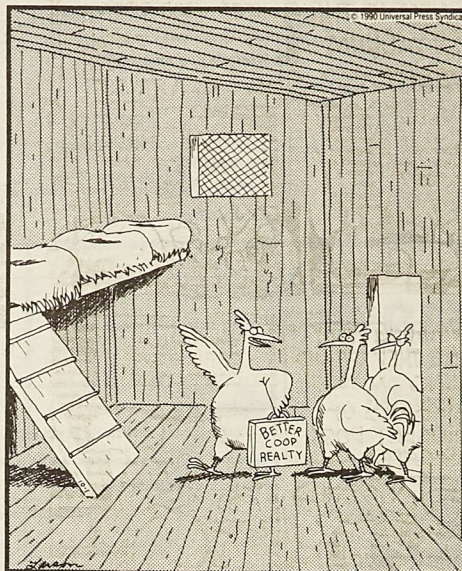
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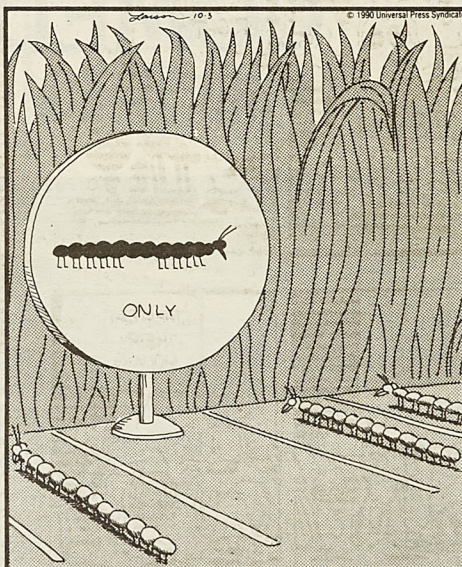
By GARY LARSON



"You're in luck! This place just came on the market a few days ago. The previous owners all had their heads chopped off."



A day in the Invisible Man's household



Centipede parking lots



"Step back, Loretta! ... It's a red-hot poker!"



The four basic personality types



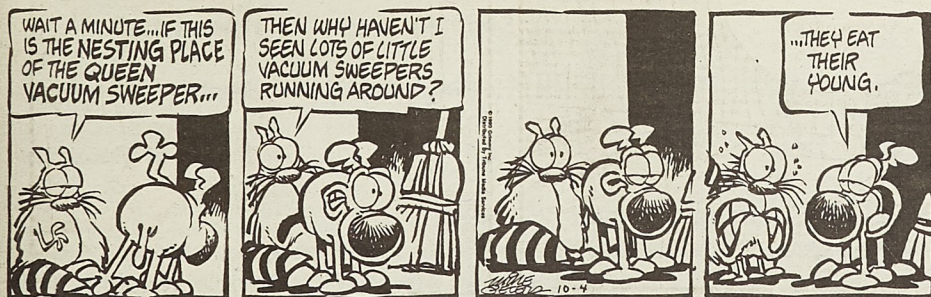
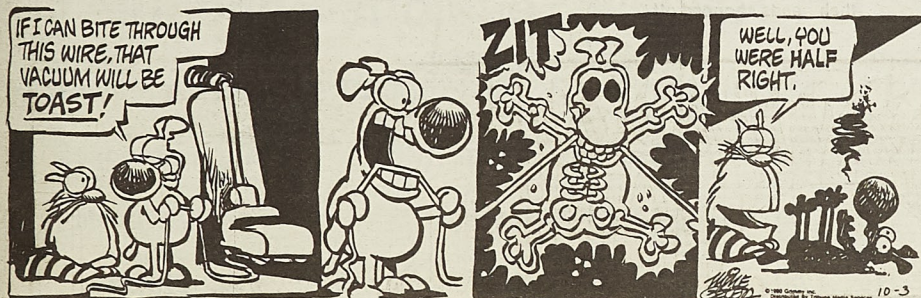
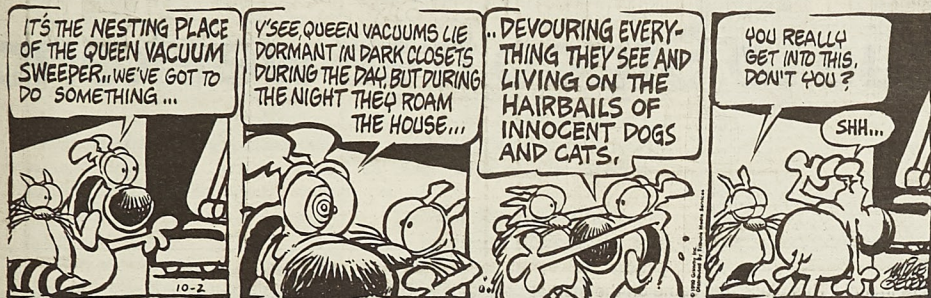
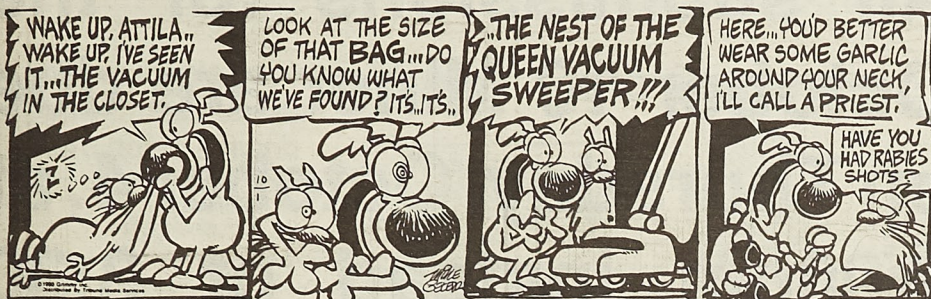
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by Mike Peters



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## FACTS & FIGURES

A recent government survey discovered some interesting facts about people who use tape recorders at home. For one thing, nearly three out of four taping "occasions" involve taping things other than pre-recorded music, such as family member voices, home musical performances and answering machine messages.



For another, 77 percent were not in favor of manufacturing new audio recorders so they can't copy commercial recordings, 73 percent said they were not in favor of selling audio recordings that can't be copied, nearly eight in ten were not in favor of adding a fee on blank audiotapes to compensate copyright holders for home taping and 79 percent disapproved of charging a fee on audio recorders to pay copyright holders.

Nevertheless, that's just what some in the music industry want Congress to do. You can let your legislators know what you think by writing to the U.S. Senate, Washington, D.C. 20510 and the House of Representatives, Washington, D.C. 20515. You can also call the Home Recording Rights Coalition, at 1-800-282-8273.

# All submissions for the October 10 Miner are due on Thursday, October 4, at 2:00pm instead of 3:30 due to Stuco free weekend

## EIT Review Sessions Schedule

Room	Time	Date	Instructor	Topic
CE 114	7:00pm	9/27	Dr. White (Bas. E.)	Statics & Dynamics
CE 114	7:00	10/2	Dr. Munger (CE)	Eng. Economics
CE 114	7:00	10/4	Dr. Morris (CE)	Fluid Mechanics
CE 114	7:00	10/9	Dr. Cunningham (EE)	Elec. Circuits
CE 117	7:00	10/11	Dr. Sheffield (ME)	Thermodynamics
CE 117	7:00	10/16	Dr. Herring (Math)	Mathematics
CE 114	7:00	10/18	??	Mech. of Materials

EIT Exam - Thursday, October 25, 1990

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# Sports

## Miner men's soccer continues their up and down season

By Jeff Lacavich  
STAFF WRITER

The Miner soccer team continued their rollercoaster season this past week by slipping games versus McKendree College and UMKC.

The men's soccer team played Wednesday night the 26th against McKendree College at McKendree. The team was looking to clear their conscience after a terrible game against Little Rock the week before. This wasn't to be in front of the opponents' crowd.

McKendree College, nationally ranked in the NAIA, took control of the game right off the bat, scoring two goals in the first half. Their first goal came when UMR tried to clear it out on a head ball, but the ball was half-volleyed into the upper ninety. Their second goal was done in the same fashion only the ball was placed into the lower corner.

The Miners played well throughout the game, but couldn't capitalize. The one time they scored was kind of a fluke. The Miners' goal came in the second half when Tom Dammerich tried to cross the ball, but it went into the net just over the head of the goalie Take 'em anyway possible.

McKendree scored again in the second half off a free kick that deflected off a Miner player. McKendree ended up winning the game 3-1.

The Miners' second game was Sunday against the University of Missouri—Kansas City here. The Miners came out strong, scoring twice in the first half. Our first goal came when Scott Johnson took a through ball and passed it to the middle where Tim Koscielski placed the ball into the open net.

The kickers scored their second goal after only 15 minutes of play. Doug Tieber made a great pass to a

charging Scott Johnson who settled, then one timed the ball past the goalie.

The freshmen saw a good seven minutes of the first half. The crowd was small, but fired up. UMKC got their only goal in the second half. About four minutes into the half they crossed the ball and it deflected off the back of sophomore Mike Basham.

The Miners played a very good game and controlled the game for the most part. There were a lot of opportunities, but they only needed two netters.

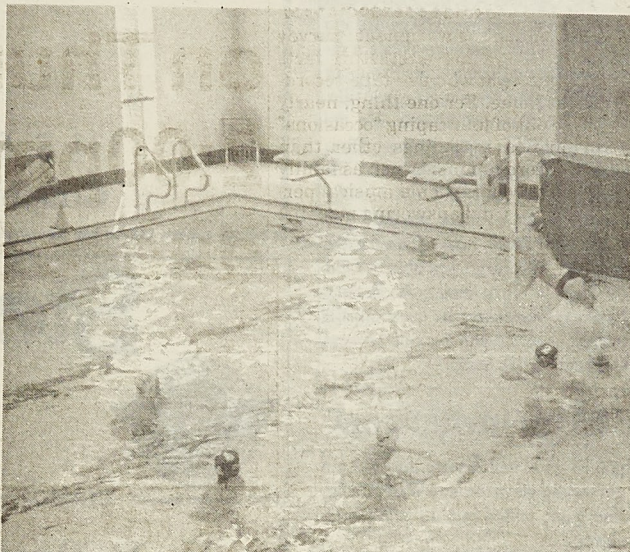
Their next game is against Gannon University, there on Friday. Gannon is a perennial power in the NCAA Division II. The team then plays Mercyhurst, another Division II kingpin, on Saturday in Pennsylvania. Good Luck Miners!

## Water Polo team enjoys successful tournament

By Paul Baudendistel  
WATER POLO CLUB

The UMR Water Polo Club made an impressive showing in their annual tournament held last weekend in the Multi-Purpose Building. Led by the consistent goal tending of Jeff Kuta, the Miners' 3-1 record was good enough to capture second place, as the team finished runner-up to the University of Arkansas-Little Rock, which has been ranked in the top ten in the NCAA Division I water polo two years in a row.

The Miners trounced Southern Illinois University—Carbondale 15-1 in their first game of the season. UMR's Rich Berger pounded in five goals to lead the offensive onslaught. Further scoring punch was added in the forms of Mike Stus's hat trick and two goals apiece from hole-man Tim Streb, left-handed powerhouse Andy Connolly, and Paul Baudendistel. Connolly then had three tallies wiped out in UMR's second match, as the game was called for excessive verbal abuse of the referee by Clayton Shaw Park's water polo squad. The result of the infraction, which occurred with



Mike Tolbert

The UMR Water Polo team finished second in the recent Miner tournament. The Miners are shown here scoring a goal against one of their opponents.

five minutes left in regulation, the score notched at 6-6, and UMR in a man-advantage situation for the rest of the game, was a 5-0 forfeit win for the

Miners. UMR then crushed the University of Indiana by the score of 13-5 on the strength of Streb's four goals and hat tricks each by Berger and

Connolly.

The title match then pitted the Miners against the nationally ranked UALR squad. The never-say-die Aquajocks, who never led in the game, pulled within one goal early in the

fourth quarter before Little Rock turned on the heat. The Miners' defense crumpled, and UALR escaped with a 15-10 victory and first place in the tournament. Stus, Connolly, and Doug Cordier each finished with two goals for UMR.

In summing up the tourney, scoring machine Rich Berger stated, "We were predicted to finish third, so taking second was better than we expected... I think we can play with (UALR)." Coach Mark Mullin echoed Berger, proclaiming, "I'm pleased with the way the Miners played in opening their season." Mullin was "impressed with the quality of the tournament" as well, pointing out that "this (was) probably the best group of teams we've had come down here since (he's) been here."

The Water Polo Club will travel to southern Illinois for their next competition, in SIU-Carbondale's October 5-6 tournament.

## Ladies' week is disappointing

By Jeff Lacavich  
STAFF WRITER

The women's soccer team started this week off against Westminster College in Fulton on Thursday. The game was a tightly matched battle. It wasn't a very rough game, but it wasn't a cake walk either.

There was no score during the first half, but the second half would prove to be different. The ladies jumped on top when Cynthia Peters placed a ball into the mesh. The Westminster team didn't quit. They scored from a long kick that made its way into the lower right-hand corner.

The game would go into overtime, but no goals would be tallied. The game ended in a tie 1-1.

The Ladies then went into their second game of the week Saturday at the University of Louisville, Kentucky.

The ladies had a rough game. They lost five to nothing. Louisville scored once in the first half and four times in the second half.

The defense played alright, but the offense couldn't get any momentum to get any shots on goal. The team is still young and is getting better. The ladies play Tuesday night in St. Louis against Missouri Baptist.

## Cross Country hosts Miner Invitational

By Buck Simpson  
STAFF WRITER

Last Saturday the 11th Annual Miner Invitational Cross Country Meet was held at the UMR Golf course. In the men's race, University of Missouri—Columbia got revenge after their loss to the UMR men last year as they won the overall title with 53 points. The women's title also went to UMC as they scored 22 points in the 19 team field race.

The Miner men were led by Steve Hostetter in 24th place in 27:13 over the 8k course. He was followed by John Conrad in 34th, Dirk Frisbee in 40th, Kerry Kimmel in 43rd, and Keith Schoby in 47th. Coach Sara Preston felt that the team members had much more to offer and had only turned in average performances.

However, the women's team far exceeded her expectations as three out of the four members recorded personal bests for the 5k distance. Jeanne Jackson was the leader for the women with a 21:24 clocking in 58th place, and Gina Turner crossed the line next in 74th place. Heather Benson and Becky Wilson finished out for the women's team in 81st and 84th respectively.

The UMR Men's Alumni team lived up to its legend of the pack in

## KEY SPORT FAN IN THE STANDS



Mike Tolbert

This week's Fan in the Stands attended the Miner Cross Country meet on Saturday. If this is you, come claim your prize at the Miner office, 103 Norwood, on Thursday at 4:30.

back. Tim Swinford, 3rd overall with a time of 26:15 for the Alumni, won the first annual "Dew Run" trophy given in honor of former Coach Dewey Allgood to the highest finishing alumni. Even with the poor alumni

finish R. Ren Rosner warned, "We'll be back next year.... to win."

The men and women cross-country team will compete in Chicago, IL this weekend in the Loyola Invitational.



## Play-off Hysteria

By Chuck Hooper  
STAFF WRITER

The end of the regular season of baseball means that the World Series is not far away. Unfortunately, neither the Cardinals nor the Royals will be participants this year.

It was a disappointing season for the Redbirds as they found themselves in the basement of the National League Eastern Division for the first time since 1918. Because of the bad play, they also found themselves without their manager Whitey Herzog. Now Joe Torre will have to try to revitalize the team for 1991.

The Royals are battling for the last place with Minnesota Twins in the American League Western Division. There only glimmering hope is that 37

year old George Brett has a good chance of winning the American League Batting award. He would become the first player ever to win a batting title in three decades.

The Oakland A's, the team to beat in the Series, won over 100 games and easily won the American-Western division. They will play either Boston or Toronto for the American League title.

In the National League it's the Cincinnati Reds in the Western Division. Lou Piniella was able to keep his team playing ball and not reading papers, as their former manager and player Pete Rose went to jail for tax evasion. Pittsburgh was able to fight off the New York Mets in the Eastern Division. However, the question still lingers, will anyone be able to beat Oakland for the Series?

## Cross Country hosts Miner Invitational

By Chuck Hooper  
STAFF WRITER

Last Saturday, the 18th Annual Southern Missouri Invitational Intercollegiate Rugby Tournament (SMIIRT) was held at the Rolla Intramural fields along Frat Row. The teams in this year's tournament along with UMR were Washington University, St. Louis University, Southwest Missouri State University, and Central Missouri State University.

It was a fine day for rugby, but unfortunately the young UMR team would walk away with two losses, one from Wash U., and the other from SLU. CMSU won the tournament after beating SLU in; the championship game, SLU came in second, and SMSU came in third after beating Wash U.

In the Wash U. game UMR never quite got on track, although they dis-

played good ball control they did not get the big plays the way Wash U. did. The game ended in a 15-8 Wash U. victory.

The UMR team, after their morning loss, played much better and had victory in sight against SLU. After scoring twice in a row in the second half, the UMR club held a 11-6 lead. SLU came right back and scored, but missed the conversion giving UMR a one point lead. With emotion running high for SLU they marched down field and with just a few minutes left to play they converted a penalty kick and SLU, the eventual second place team, came away with the win.

October 13, will be the next home game as the UMR club will have their Alumni game. The following Saturday and Sunday UMR will play in the "Heart of America Tournament" in Kansas City. Enjoy an exciting game of rugby soon; you won't be disappointed.



Rolla's scrum pushes against SLU in their match Saturday during SMIIRT. Scrum half Marcus Chichura looks on as hooker Chris Chichura (wearing the Nike shoes underneath everyone) tries to pull the ball through his scrum.

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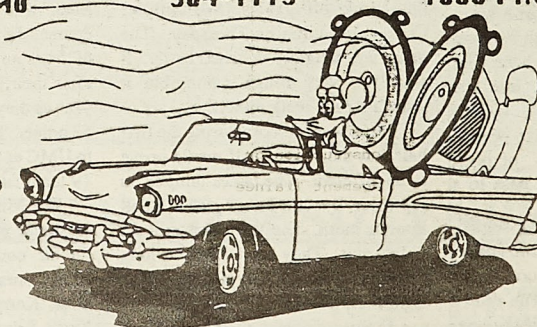
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# Placement

## UNIVERSITY OF MISSOURI-ROLLA

Placement Office  
Buehler Building, 9th & Rolla St.

### FALL WEEKLY DETAIL LIST #7

Week of October 29-November 2, 1990

Signup Location: G-3 Buehler Building  
Signup Hours: 7:45 to 11:15 a.m.  
1:00 to 4:15 p.m.

### PRESCREENED INTERVIEWS

#### WISCONSIN POWER & LIGHT

P.O. Box 192  
Madison, WI 53701  
attn: Ms. Norma Tirado

NUMBER OF SCHEDULES: 1  
MAJORS: BS/EE  
POSITION: System Planning, Transmission, Distribution, Field Engineering, Generating Stations, System Protection and the Training Program (3-6 month program which allows project assignments in various areas of engineering prior to regular assignment.)  
LOCATION: General Office & field locations  
DECEMBER 1990 or MAY 1991 GRADS  
U.S. CITIZENSHIP OR PERMANENT RESIDENT VISA REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 9, 1990

#### WESTERN GEOPHYSICS

P.O. Box 2469  
Houston, TX 77252  
attn: Mr. Andrew Kushner

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS Geophysics, Math, Physics, Computer Science  
POSITION: Seismic Software Engineer  
LOCATION: Houston, TX  
recent grads, DECEMBER 1990 or MAY, JULY 1991 GRADS  
3.2 G.P.A. REQUIRED  
U.S. CITIZENSHIP OR PERMANENT RESIDENT VISA REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATES: October 29, 30, 1990

#### BOOKER ASSOCIATES

1139 Olive  
St. Louis, MO 63123  
attn: Mr. John Chew

NUMBER OF SCHEDULES: 1  
MAJORS: BS/CE - Structural  
POSITION: Design Engineer I - Design on multidiscipline projects for governmental, industrial, and commercial clients  
LOCATION: St. Louis, MO  
recent grads, DECEMBER 1990 or MAY, JULY 1991 GRADS  
U.S. CITIZENSHIP REQUIRED  
2.5 G.P.A. REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 29, 1990

#### R.W. GRANGER

415 Boston Turnpike  
Shrewsbury, MA 01545  
attn: Ms. Lory Taylor

NUMBER OF SCHEDULES: 1  
MAJORS: BS/EngMgt, CE, Construction or Technical  
POSITION: Construction Management Trainee  
LOCATION: Shrewsbury, MA  
DECEMBER 1990 or MAY 1991 GRADS  
2.2 G.P.A. REQUIRED  
U.S. CITIZENSHIP REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, Oct. 4, 1990  
INTERVIEW DATE: October 29, 1990

#### HARRIS CORPORATION/BROADCAST PRODUCTS

1025 W. Nasa Blvd.  
Melbourne, FL 32919  
attn: Ms. Marillette Thompson

NUMBER OF SCHEDULES: 1  
MAJORS: BSEE  
POSITION: Electrical Engineer - positions in product development or sustaining engineering groups (Complete details will be posted with interview signups)  
LOCATION: Quincy, IL  
PREFER 3.0 or GREATER G.P.A.  
U.S. CITIZENSHIP OR PERMANENT RESIDENT VISA REQUIRED

INTERVIEW SIGNUP DATE: Friday, October 19, 1990  
INTERVIEW DATE: October 30, 1990

#### PPG INDUSTRIES

One PPG Place  
Pittsburgh, PA 15272  
attn: Ms. Linda Stauber

NUMBER OF SCHEDULES: 1 per day, Oct. 30-31; Nov. 1  
MAJORS: BS/ChE, ME, EE, Chemistry  
POSITION(S): Development Chemists, Mfg. & Process Engineering, Production & Plant Eng.  
LOCATION: Nationwide  
DECEMBER 1990 or MAY 1991 GRADS  
WILL INTERVIEW ANY STUDENT LEGALLY ELIGIBLE TO WORK IN THE U.S. CURRENTLY ON A FULL-TIME BASIS.

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATES: October 30-31, Nov. 1, 1990

#### OSCAR MAYER

P.O. Box 7188  
Madison, WI 53707  
attn: Ms. Ruth McPike

NUMBER OF SCHEDULES: 1  
MAJORS: BS/EE, ME  
POSITION: Engineering Management Dev. Trainee  
LOCATION: Relocation is a requirement. In Madison for 6-9 months  
DECEMBER 1990 GRADS  
2.75 G.P.A. (MIN)  
U.S. CITIZENSHIP OR PERM. VISA -- REFER TO IMRC ACT-1986

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 30, 1990

#### CITGO

P.O. Box 1562  
Lake Charles, LA 70602  
attn: Ms. Denise Morgan

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MetE  
POSITION: Metallurgical/Corrosion Engineer  
LOCATION: Lake Charles, LA  
2.5 G.P.A. REQUIRED  
DECEMBER 1990 or MAY 1991 GRADS

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 30, 1990

#### UNOCAL

P.O. Box 3100  
Midland, TX 79702  
attn: M. Merle Steckel

NUMBER OF SCHEDULES: 1  
MAJORS: BS/PE  
POSITION: Entry level engineering positions for seniors in an 18 month training program leading to position as staff engineers in reservoir, drilling & production with potential in supervisory and management areas.  
LOCATION: Domestic U.S. - West Coast, Gulf & Mid-Continent  
DECEMBER 1990 or MAY, JULY 1991 GRADS  
PREFER 2.8 G.P.A. OR HIGHER

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 30, 1990

#### CENTRAL ILLINOIS PUBLIC SERVICE

General Offices  
607 E. Adams Street  
Springfield, IL 62701  
attn: Mr. H.L. Gaffney

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS EE  
POSITION(S): Field Engineer (Beardstown, Marion, Mattoon & Springfield, IL  
General Office (Springfield): Distribution, Substation, Relay, System Planning  
LOCATION: Springfield, IL  
DECEMBER 1990 GRADS

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 30, 1990

#### UNITED MCGILL

One Mission Park  
Groveport, OH 43125  
attn: Ms. Liz Arnold

NUMBER OF SCHEDULES: 1  
MAJORS: BS/ME  
POSITION: Technical Sales - Sales Engineer  
LOCATION: Midwest & Nationwide  
DECEMBER 1990 or MAY 1991 GRADS  
2.5 G.P.A. REQUIRED  
PERMANENT RESIDENT VISA REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 30, 1990



**ANHEUSER-BUSCH, INC. (PROCESS GROUP)**

#1 Busch Place  
St. Louis, MO 63128  
attn: Ms. Kathy Brummit

NUMBER OF SCHEDULES: 1  
MAJORS: BS/ME  
POSITION: Engineering & Design Activities  
(Details will be posted with interview signups)  
LOCATION: St. Louis  
MAY 1991 GRADS  
U.S. CITIZENSHIP OR PERM. RESIDENT VISA REQUIRED  
2.8 G.P.A. REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 30, 1990

**MCDONNELL DOUGLAS CORP. MISSILE SYSTEMS COMPANY**

P.O. Box 516, MC 2741160  
Dept. 062, Bldg. 274  
St. Louis, MO 63166-0516  
attn: Ms. Kelly Horstmann

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS EE, CompSci, AE, ME  
POSITION(S): EE/CompSci: Software Eng., Technology Eng.,  
Test Eng., Mfg. Eng., Design Eng.;  
AE: Technology, Design & Test Eng.;  
ME: Design, Test, Mfg., Technology Eng.  
CompSci: Software Eng.

LOCATION: St. Louis, MO  
DECEMBER 1990 GRADS  
3.0 G.P.A. REQUIRED  
U.S. CITIZENSHIP REQUIRED - SECURITY CLEARANCE REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 30, 1990

**MCDONNELL DOUGLAS CORPORATION/MCDONNELL AIRCRAFT CO.**

P.O. Box 516, Mailcode 2741160  
Dept. 062, Bldg. 274  
St. Louis, MO 63166-0516  
attn: Ms. Kelly Horstmann

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS EE, Comp Sci, AE, ME  
POSITION: (Same job description as Missile  
Systems Company listed above)  
LOCATION: St. Louis, MO  
DECEMBER 1990 GRADS  
3.0 G.P.A. REQUIRED  
U.S. CITIZENSHIP REQUIRED; SECURITY CLEARANCE

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 30, 1990

NOTE: PLEASE BRING TRANSCRIPT TO INTERVIEW -- APPLIES  
TO ALL MCDONNELL DOUGLAS SCHEDULES.

SPECIFY DIVISION OF MCDONNELL DOUGLAS ON RESUME. YOU  
MAY APPLY TO BOTH DIVISIONS.

**DOWELL SCHLUMBERGER**

P.O. Box 4378  
Houston, TX 77210  
attn: Ms. Sylvia Martinez

NUMBER OF SCHEDULES: 2  
MAJORS: BS/ChE, ME, CE, EE, PE, Eng.Mgt.  
POSITION: Field Engineer  
LOCATION: U.S.  
DECEMBER 1990 or MAY 1991 GRADS  
2.4 G.P.A. REQUIRED  
U.S. CITIZENSHIP OR PERMANENT RESIDENT VISA REQUIRED  
DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 30, 1990

**KERR MCGEE CORPORATION-TECHNOLOGY DIVISION**

P.O. Box 25861  
Oklahoma City, OK 73125  
attn: Mr. Albert Chandler

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS ChE  
POSITION: Process Development & Process Eng.  
LOCATION: Technology Div.; R&D - Oklahoma City  
DECEMBER 1990 or MAY 1991 GRADS  
3.0 G.P.A. REQUIRED  
MUST BE AUTHORIZED TO WORK IN THE U.S. FULL-TIME.

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 31, 1990

**HALLIBURTON SERVICES**

P.O. Drawer 1431  
Duncan, OK 73536-0104  
attn: Mr. Phil Sampson

NUMBER OF SCHEDULES: 1 ea listed below  
MAJORS: BS/MS ME, Tools Research & Eng.  
BS/MS/PhD EE, BS/MS/CompSci;  
PhD/Physics for Electrical R&D  
LOCATION: Any Eng. Major - Field Eng. - Field  
Duncan, OK (Tools Research & Eng.)  
Job description to be posted.  
3.0 G.P.A. REQUIRED  
MUST HAVE PERMANENT WORK ELIGIBILITY  
DECEMBER 1990 OR MAY 1991 GRADS

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 31, 1990

PLEASE SPECIFY DIVISION ON RIGHT CORNER OF RESUME.

**NATIONAL STARCH & CHEMICAL CO.**

310 Finnerne Ave.  
Bridgewater, NJ 08807  
attn: Ms. Carol Dedrick

NUMBER OF SCHEDULES: 1 for ea area listed  
MAJORS: BS/MS ChE  
POSITIONS: 1- Process/Project/Design engineering  
positions at major mfg. facilities in Industrial  
Starch Div.  
2- Mfg., Tech. Service, Corporate  
Process Dev. Group, Product Dev. & Sales  
SPECIFY DIVISION ON RESUME

LOCATION: (Position #1 - Indianapolis, In or KC, KS)  
(Position #2 - 100 locations worldwide)  
DECEMBER 1990 or MAY, JULY 1991 GRADS  
2.6 G.P.A. REQUIRED  
U.S. CITIZENSHIP OR PERMANENT RESIDENT

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 31, 1990

**BLACK & VEATCH**

P.O. Box 8405  
Kansas City, MO 64114  
attn: Ms. Julie Bickel

NUMBER OF SCHEDULES: 1 ea: ME, ChE, CE, ME, EE  
POSITION: Details will be posted at time of  
interview signups...too lengthy to list  
LOCATION: Kansas City, MO; Overland Park, KS;  
possible regional locations  
DECEMBER 1990 GRADS  
2.75 G.P.A. REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 31, 1990

**FIRST BRANDS CORPORATION**

88 Long Hill St., P.O. Box 280414  
East Hartford, CT 06128-0414  
attn: Mr. Victor Munger

NUMBER OF SCHEDULES: 1 ea day, Oct. 31, Nov. 1  
MAJORS: BS/ME ONLY  
POSITION: Project (Mfg.) Engineers or  
Production Supv. within consumer products mfg. facilities  
LOCATION: Arkansas, Georgia, Illinois, New  
Jersey  
DECEMBER 1990, MAY, JULY 1991 GRADS  
2.5 G.P.A. REQUIRED  
U.S. CITIZENSHIP OR PERM. RESIDENT VISA REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATES: October 31, November 1, 1990

**ATLAS WIRELINE**

P.O. Box 1407  
Houston, TX 77251-2407  
attn: Ms. Rene Moliter

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS EE, ME, ChE, PE, CompSci, Phys.  
POSITION: Field Engineer  
LOCATION: Throughout U.S.  
recent grads, DECEMBER 1990 GRADS  
2.5 G.P.A. REQUIRED  
U.S. CITIZENSHIP REQUIRED

INTERVIEW SIGNUP DATE: Wednesday, October 17, 1990  
INTERVIEW DATE: October 31, 1990

**JOHANNESBURG CONSOLIDATED INVESTMENT CO.**

JCI 28 Harrison St.  
2001 Johannesburg, Republic of South Africa  
attn: Mr. Christo Piek

NUMBER OF SCHEDULES: 1  
MAJORS: BS/Mining, Geology, MetE, or ChE  
POSITION: Mining Engineers, Metallurgical  
Engineers (Extractive), Chemical Engineers or  
Mineral Processors  
LOCATION: Providence of Transvaal, Republic of S. Africa  
2.0 G.P.A. REQUIRED  
recent grads, DECEMBER 1990 OR MAY, JULY 1991 GRADS

INTERVIEW SIGNUP DATE: Thursday, October 18, 1990  
INTERVIEW DATE: November 1, 1990

**MONSANTO CHEMICAL COMPANY**

800 N. Lindbergh Blvd.  
Bldg. G4EE  
St. Louis, MO 63167  
attn: Ms. Barbara Tompkins

NUMBER OF SCHEDULES: 2 ea day, Nov. 1, 2  
MAJORS: 1-BS/MS ChE, EE, ME for Mfg.  
1-BS/ ChE, EE, ME for Sales  
POSITION: Details will be available with signups  
LOCATION: Nationwide  
WILL INTERVIEW ALL QUALIFIED STUDENTS WITH AUTHORIZATION  
TO WORK FULL TIME IN THE U.S.  
DECEMBER 1990 or MAY 1991 GRADS

INTERVIEW SIGNUP DATE: Thursday, October 18, 1990  
INTERVIEW DATES: November 1, 2, 1990



**WELLS MANUFACTURING COMPANY**  
7800 North Austin Avenue  
Skokie, IL 60077  
attn: Mr. Robert Engelhardt

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MetE or ME  
POSITION: Process Metallurgist,  
Project Metallurgist or Product Development Engineer  
LOCATION: Skokie, IL  
U.S. CITIZENSHIP REQUIRED  
DECEMBER 1990 or MAY 1991 GRADS

INTERVIEW SIGNUP DATE: Thursday, October 18, 1990  
INTERVIEW DATE: November 1, 1990

**R.W. MURRAY**  
1001 Craig Rd.  
St. Louis, MO 63146  
attn: Mr. John O'Hara

NUMBER OF SCHEDULES: 1  
MAJORS: BS/CE or EngMgt  
POSITION: Project Manager  
LOCATION: not known  
DECEMBER 1990 GRADS  
2.5 G.P.A. REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: November 1, 1990

**TEXACO - CENTRAL ENGINEERING & PURCHASING DIV.**  
P.O. Box 1404  
Houston, TX 77251-1404  
attn: Mr. Thomas Gougenheim

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS CE, ChE, EE, ME  
POSITION(S): Several -- will be listed at time  
of interview signups  
LOCATION: Houston, TX  
DECEMBER 1990 or MAY 1991 GRADS  
3.0 G.P.A. REQUIRED  
U.S. CITIZENSHIP OR PERMANENT RESIDENT VISA REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: November 1, 1990

**TEXACO - REFINING & MARKETING CENTRAL DIV.**  
P.O. Box 1404  
Houston, TX 77251-1404  
attn: Mr. Thomas Gougenheim

NUMBER OF SCHEDULES: 1  
MAJORS: BS/ME, CE  
POSITION: Engineer - Engineering (Details will  
be posted at time of interview signups.)  
LOCATION: Tulsa, OK  
DECEMBER 1990 or MAY 1991 GRADS  
3.0 G.P.A. PREFERRED  
U.S. CITIZENSHIP OR PERMANENT RESIDENT VISA REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: November 1, 1990

**TEXACO - E&P WEST DIVISION**  
P.O. Box 1404  
Houston, TX 77251-1404  
attn: Mr. Thomas Gougenheim

NUMBER OF SCHEDULES: 1  
MAJORS: BS/ChE or ME with Petroleum interest  
or Petroleum Engineering  
POSITION: Petroleum Engineer  
LOCATION: various  
DECEMBER 1990 or MAY 1991 GRADS  
U.S. CITIZENSHIP OR PERMANENT RESIDENT VISA REQUIRED  
3.0 G.P.A. REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: November 1, 1990

RE: TEXACO

PLEASE NOTE: STUDENTS SHOULD PROVIDE UNOFFICIAL OR OFFICIAL TRANSCRIPT AT TIME OF INTERVIEW. STUDENTS SHOULD INTERVIEW WITH TEXACO ONLY ONE TIME DURING ACADEMIC YEAR.

**THE TIMKEN COMPANY**  
1835 Dueber Ave., S.W.  
Canton, OH 44706  
attn: Ms. Diane Becker

NUMBER OF SCHEDULES: 1  
MAJORS: BS/ME or MetE  
POSITION: Various -- to be listed with signups  
LOCATION: Canton, OH or Latrobe, PA  
DECEMBER 1990 or MAY, JULY 1991 GRADS  
2.8 G.P.A. REQUIRED  
U.S. CITIZENSHIP OR PERMANENT RESIDENT VISA REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: November 1, 1990

**PEPSI COLA BOTTLING COMPANY**  
647 Tower Grove  
St. Louis, MO 63110  
attn: Mr. Fred Wise

NUMBER OF SCHEDULES: 1  
MAJORS: BS/Engineering Management, ChE, or ME  
POSITION: Manufacturing Trainee  
LOCATION: St. Louis & Central Division locations  
DECEMBER 1990 or MAY 1991 GRADS  
2.6 OR ABOVE G.P.A.  
U.S. CITIZENSHIP REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: November 1, 1990

**BIBB & ASSOCIATES**  
6750 Antioch  
Shawnee Mission, KS 66203  
attn: Ms. Betty Curley

NUMBER OF SCHEDULES: 1  
MAJORS: BS/ME, EE, CE, Power;  
instruments & controls, structures  
POSITION: Mechanical, Electrical & Civil/  
Structural Engineers  
LOCATION: Shawnee Mission, KS  
DECEMBER 1990 GRADS  
2.8 G.P.A. REQUIRED  
U.S. CITIZENSHIP OR PERMANENT RESIDENT VISA REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: November 1, 1990

**KANSAS CITY POWER & LIGHT CO.**  
P.O. Box 679  
Kansas City, MO 64141  
attn: Mr. George Crump

NUMBER OF SCHEDULES: 1-EE; 1-ME  
POSITION: Distribution/Substation Design &  
Construction Engineering  
LOCATION: Metropolitan, KC  
DECEMBER 1990 or MAY 1991 GRADS  
2.8 G.P.A. REQUIRED (cum)

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: November 1, 1990

**VARCO PRUDEN BUILDING**  
P.O. Box 1824  
Turlock, CA 95381  
attn: Mr. Keith Patterson

NUMBER OF SCHEDULES: 1  
MAJORS: BS/MS CE  
POSITION: Design Engineer (EIT) for structural  
design of all types of pre-engineered  
steel buildings  
LOCATION: Turlock, CA  
recent grads, DECEMBER 1990 or MAY 1991 GRADS  
PERMANENT RESIDENT WITH LEGAL RIGHT TO WORK IN THE U.S.  
2.5 G.P.A. PREFERRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: November 2, 1990

#### LAST MINUTE ADDITIONS

**FORD MOTOR COMPANY - ENGINE ENGR. DEPT.**  
Dearborn, MI

NUMBER OF SCHEDULES: 1  
MAJORS: BS/ME  
POSITION: Automotive design & development  
LOCATION: Dearborn  
prefer co-op or summer intern experience  
DECEMBER 1990 or MAY 1991 GRADS  
PREFER 3.0 G.P.A. & ABOVE

INTERVIEW SIGNUP DATE: Thursday, October 4, 1990  
INTERVIEW DATE: October 11, 1990

**CLARK OIL & REFINING**  
8182 Maryland Avenue  
St. Louis, MO 63105  
attn: Ms. Kim Becker

NUMBER OF SCHEDULES: 1  
MAJORS: BS/Computer Science or  
Computer related degree  
POSITION: Computer Programmer  
LOCATION: IBM, CICS, DB2, Anderson CASE Tools  
St. Louis, MO (Clayton)  
DECEMBER 1990 GRADS  
2.8 G.P.A. OVERALL; 3.0 G.P.A. MAJOR  
U.S. CITIZENSHIP REQUIRED

INTERVIEW SIGNUP DATE: Tuesday, October 9, 1990  
INTERVIEW DATE: October 22, 1990



U.S. DEPARTMENT OF ENERGY  
785 DOE  
Idaho Falls, ID 83402  
attn: Ms. Debby Ferguson

NUMBER OF SCHEDULES: 2  
MAJORS: Eng: ChE, CE, Environ, NE; Physical  
Science: Geology, Physics  
POSITION(S): Engineer (Trainee), Physical  
Scientists or Physicist/Health  
Physicist  
LOCATION: Idaho Falls, ID; Scoville, ID  
DECEMBER 1990 or MAY 1991 GRADS  
3.0 G.P.A. REQUIRED  
U.S. CITIZENSHIP REQUIRED

INTERVIEW SIGNUP DATE: Friday, October 19, 1990  
INTERVIEW DATE: November 2, 1990

GEORGE HORMEL  
P.O. Box 800  
Austin, TX 55912  
attn: Mr. Michael McLean

NUMBER OF SCHEDULES: 1  
MAJORS: BS/Engineering Management, (ME or EE  
preference), Packaging Engineer, ME or EE  
POSITION: Associate Maintenance Engineer  
LOCATION: Midwest  
DECEMBER 1990 GRADS  
MUST HAVE LEGAL RIGHT TO WORK IN U.S.

INTERVIEW SIGNUP DATE: Friday, October 19, 1990  
INTERVIEW DATE: November 2, 1990

GE AEROSPACE  
P.O. Box 7211  
St. Louis, MO 63177-7211  
attn: Mr. James Grimm

NUMBER OF SCHEDULES: 1  
MAJORS: BS/CompSci, Math, Physics, EE  
POSITION: Systems Engineer, Design Engineer,  
Test Engineer, Hardware Engineer, Software Engineer,  
Software Programmer, Edison Program Engr.  
LOCATION: Various -- possibly St. Louis  
DECEMBER 1990 or MAY 1991 GRADS

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 25, 26, 1990

PLEASE NOTE THE FOLLOWING CHANGES:

MAYTAG HAS CANCELLED INTERVIEW DATE OF NOV. 1, 1990

STAR ENTERPRISE WILL INTERVIEW ON NOV. 6; INTERVIEW  
DATE CHANGED FROM OCT. 30 TO NOV. 6.

## Co-op Employment

October, 1990

### CO-OP EMPLOYMENT OPPORTUNITIES

Sign-up location: 101 Buehler Bldg.  
9th & Rolla Sts.  
Co-op Office

Sign-up hours: 7:45 am - 11:00 am  
1:00 pm - 3:00 pm

\*\*\*\*\*  
Interview date: Tuesday, Oct. 9, 1990

BROWN SHOE COMPANY  
Work locations: Fredericktown, MO, Cabool, MO  
Houston, MO, Mountain Grove, MO, Dixon, MO,  
Owensville, MO, Charleston, MO, Bernie, MO,  
Caruthersville, MO, Pocahontas, Arkansas,  
Union City, Tennessee, Dyer, Tennessee, Lexington,  
Tennessee, Selmer, Tennessee, Savannah, Tennessee

Interviewing: M.E., E.E.

Requirements: 2.0 GPA or above.

Sign-up date: Monday, Oct. 1, 1990

1 schedule - 13 interview openings

\*\*\*\*\*

Interview date: Monday, October 15, 1990

COMMONWEALTH ALUMINUM CORPORATION  
Lewisport, Kentucky

Interviewing: Engr. Mgmt.

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

Sign-up date: Monday, October 1, 1990

start work spring 91

1 schedule - 13 interview openings

\*\*\*\*\*

ARKANSAS BESTON Fibers Co based in  
Ft. Smith, Arkansas and in the area of  
Ft. Smith, Arkansas

Interviewing: C.Sc.

Requirements: none listed

Turn in resumes: Monday, Oct. 1, 1990

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

\*\*\*\*\*

LANGLEY  
Hampton, Virginia

Interviewing: A.E., C.Sc., E.E., M.E.

Requirements: 3.0 GPA or above. American  
Citizenship required. Academic level of  
applicants: at least 30-60 credit hours  
completed at the end of the present semester.

Turn in resumes: Tuesday, Oct. 1, 1990  
PICK UP GOVERNMENT FORM 171 ON OCT. 1.

start work spring 91

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

\*\*\*\*\*

Interview date: Monday, October 15, 1990

USDA - SOIL CONSERVATION SERVICE  
Columbia, Missouri

Interviewing: C.E.

Requirements: 2.0 GPA or above. American  
Citizenship required. Academic level of  
applicants: at least 30-59 credit hours  
completed at the end of the present semester.

Sign-up date: Tuesday, Oct. 2, 1990

1/2 schedule - 6 interview openings

\*\*\*\*\*

Interview date: Wed., Oct. 17, 1990

ETHYL CORPORATION - ETHYL PETROLEUM ADDITIVES  
Sauget, Illinois (St. Louis area)

Interviewing: Ch.E.

Requirements: 3.0 GPA or above. Academic  
level of applicants: at least 59 credit  
hours completed at the end of the present  
semester.

Sign-up date: Wed., Oct. 3, 1990

start work spring 91

1 schedule - 12 interview openings

\*\*\*\*\*



Interview date: Wednesday, Oct. 17, 1990

SUNRISE INDUSTRIAL AUTOMATION & DESIGN  
Kansas City, Missouri

Interviewing: E.E., Eng. Mgmt.

Requirements: 3.2 gpa or above. American  
Citizenship required. Academic level of  
applicants: at least 50 credit hours completed  
at the end of the present semester.

Sign-up date: Wed., Oct. 3, 1990

start work spring, summer, or fall 1991

1 schedule - 10 interview openings

\*\*\*\*\*

Interview date: Friday, Oct. 19, 1990

ALCO CONTROLS  
St. Louis, Missouri

Interviewing: M.E.

Requirements: 2.0 GPA or above. 1 schedule  
for juniors - 1 schedule for 2nd semester  
freshmen or sophomores

Sign-up date: Thurs., Oct. 4, 1990

2 schedules - 20 interview openings

\*\*\*\*\*

OKLAHOMA AIR LOGISTICS CENTER  
Tinker Air Force Base, Okla.

Interviewing: C.Sc. and all Engineering  
majors

Requirements: 2.0 GPA or above. Academic  
level of applicants: at least 60 credit  
hours completed at the end of the present  
semester.

Turn in resumes: Thurs., Oct. 4, 1990

Pick up government form 171 on Oct. 4

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

\*\*\*\*\*

Interview date: Thurs., Oct. 18, 1990

GENERAL MOTORS CPC  
Oklahoma City, OK

Interviewing: E.E.

Requirements: 2.9 GPA or above. American  
Citizenship required. Academic level of  
applicants: at least 29 credit hours  
completed at the end of the present semester.

Sign-up date: Thurs., Oct. 4, 1990

start work spring 91

1/2 schedule - 7 interview openings

\*\*\*\*\*

UNION CARBIDE  
Texas City, Texas

Interviewing: Ch.E., E.E., M.E.

Requirements: 2.6 GPA or above.

Turn in resumes: Monday, Oct. 8, 1990

start work spring 91

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

\*\*\*\*\*

PAUL MUELLER COMPANY  
Springfield, Missouri

Interviewing: Ch.E., E.E., M.E.

Requirements: 2.0 GPA or above

Turn in resumes: Tuesday, Oct. 9, 1990

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

\*\*\*\*\*

Interview date: Tuesday, Oct. 23, 1990

AMSTED INDUSTRIES  
Chicago, Illinois

Interviewing: M.E., Met.E.

Requirements: 2.8 GPA or above, Permanent  
Visa, Sophomores or Juniors

Sign-up date: Tues., Oct. 9, 1990

\*\*\*\*\*

IBM CORPORATION  
Boca Raton, Florida

Interviewing: C.Sc., E.E., M.E.

Requirements: 2.0 GPA or above. American  
Citizenship required

Turn in resumes: Tuesday, Oct. 9, 1990

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

\*\*\*\*\*

Interview date: Tuesday, Oct. 23, 1990

PERMEA (MONSANTO COMPANY)  
St. Louis, Missouri

Interviewing: Ch.E., M.E.

Requirements: 3.25 gpa or above. American  
Citizenship not required. Academic level  
of applicants: at least 60 credit hours  
completed at the end of the present semester.

Sign-up date: Tuesday, Oct. 9, 1990

work spring 91 or fall 91

1 schedule - 12 interview openings

\*\*\*\*\*

Interview date: Wednesday, Oct. 24, 1990

UNION PACIFIC RAILROAD  
Omaha, Nebraska

Interviewing: C.E., E.E., M.E. (add Engr. Mgmt.)

Requirements: 3.0 GPA or above. Must be  
able to work in US. Academic level of  
applicants: at least 30 credit hours  
completed at the end of the semester.

Sign-up date: Wednesday, Oct. 10, 1990

start work summer 91

1 schedule - 13 interview openings

UNION PACIFIC RAILROAD WILL HOLD AN  
ORIENTATION ON TUESDAY, OCT. 23 IN THE  
MISSOURI ROOM, UNIVERSITY CENTER EAST  
FROM 7:00 TO 8:00 PM. ALL STUDENTS  
INTERVIEWING WITH UNION PACIFIC ARE  
ASKED TO ATTEND.

\*\*\*\*\*



Interview date: Wed., Oct. 24, 1990

OLIN CORPORATION  
E. Alton, Illinois

Interviewing: Ch.E., C.Sc., M.E.

Requirements: 3.0 gpa or above. American  
Citizenship required. Academic level of  
applicants: at least 30 credit hours  
completed at the end of the semester.

Sign-up date: Wed., Oct. 10, 1990

work spring 91

1 schedule - 13 interview openings

\*\*\*\*\*

Interview date: Thurs., Oct. 25, 1990

MARATHON REFINERY  
Robinson, Illinois

Interviewing: Ch.E., M.E.

Requirements: 2.75 gpa or above. American  
Citizenship or permanent resident visa.  
Academic level of applicants: at least 30  
credit hours completed at the end of the  
present semester.

Sign-up date: Thurs., Oct. 11, 1990

start work spring, summer, or fall 1991

1 schedule - 13 interview openings

\*\*\*\*\*

NATIONAL SECURITY AGENCY  
Ft. George Meade, Maryland

Interviewing: E.E., C.Sc., Math, Physics

Requirements: 3.0 GPA or above and maintain  
a 3.0 throughout school.

Turn In Resumes: Thurs., Oct. 11, 1990  
Pick up government form 171 on Oct. 11

Must work a minimum of 12 months prior to  
graduation

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

\*\*\*\*\*

OLD BEN COAL COMPANY  
Benton, Illinois

Interviewing: E.E., M.E., Mining

Requirements: 2.25 gpa or above. American  
Citizenship required. Academic level of  
applicants: at least 59 credit hours completed  
at the end of the present semester.

Turn in resumes: Thurs., Oct. 11, 1990

start work spring or summer 91

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

\*\*\*\*\*

Interview date: Thurs., Oct. 25, 1990

GENERAL ELECTRIC AIRCRAFT DETESTED  
Cincinnati, Ohio

Interviewing: Met.E.

Requirements: 3.0 GPA or above.

Sign-up date: Thurs., Oct. 11, 1990

4 interview openings

\*\*\*\*\*

Interview date: Tuesday, November 6, 1990

PRC ENVIRONMENTAL MANAGEMENT INC.  
Work locations: Kansas City, Kansas,  
Chicago, Illinois,  
Dallas, Texas

Interviewing: Ch.E., C.E., Geology, Geo.E.

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

Sign-up date: Tuesday, Oct. 23, 1990

start work spring 91

1 schedule - 9 interview openings

\*\*\*\*\*

OMAHA PUBLIC POWER DISTRICT  
Omaha, Nebraska

Interviewing: C.E., E.E., M.E., Nuc.

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

Turn in resumes: Thurs., Oct. 25, 1990

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

\*\*\*\*\*

NOTE: The ones that indicate RESUMES ONLY.  
This means the company will not be on campus  
interviewing, but they want resumes to review  
and should contact you if they are interested  
in employing you.

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

Please check with the Co-op Office period-  
ically to see if additional companies have  
scheduled interviews. These will be posted on  
the bulletin board by the Co-op Office and  
printed in the Miner Newspaper.

#### Addition to October Co-op list

STORZ INSTRUMENT COMPANY  
St. Louis, Missouri

Interviewing: C.Sc., E.E., M.E.

Requirements: 2.5 GPA or above.

Turn-in resumes: Monday, Oct. 22, 1990

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

\*\*\*\*\*

#### Addition to October co-op list

GENERAL MOTORS PROVING GROUND  
Milford, Michigan

Interviewing: M.E., E.E.

Turn-in resumes: Monday, Oct. 15, 1990

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



SPECIAL NOTICE - PRESCREENING

SIGN-UP FOR DEPARTMENT OF THE NAVY, NAVAL WEAPONS CENTER, CHINA LAKE, CALIFORNIA

TURN IN RESUMES: Monday, Oct. 22, 1990

WHERE: Co-op Office, 101 Buehler Bldg.

TIMES: 7:45 AM - 11:30 AM - 1:00 PM - 4:00 PM

INTERVIEWING: A declared major in the science and engineering fields

REQUIREMENTS: 2.7 GPA or above. Must have sophomore or junior standing.

THE ACTUAL INTERVIEW DATE WILL BE TUESDAY, NOVEMBER 13, 1990

Naval Weapons Center, China Lake, CA has requested that we furnish them with resumes for prescreening. 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, Naval Weapons Center 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 Friday, November 2, 1990. Check with the Co-op office no later than Nov. 2.

For those students outside NWC's local commuting area, the Professional Recruiting Office will assist in locating affordable housing. Successful co-op applicants will receive assistance with books and tuition as well as a co-op job assignment.

SIGN-UP MOBIL OIL COMPANY CO-OP INTERVIEWS

TURN IN RESUMES: Monday, October 8, 1990

WHERE: Co-op Office, 101 Buehler Bldg.

TIMES: 7:45 am - 11:30 am - 1:00 pm - 4:00 pm

INTERVIEWING: C.Sc.

REQUIREMENTS: 2.5 GPA or above. Must be able to work in the US. Academic level of applicants: at least 40 credit hours completed at the end of the present semester.

THE ACTUAL INTERVIEW DATE WILL BE Friday, Oct. 26, 1990.

Mobil Oil, Kansas City, 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 sign-up date. After pre-screening, Mobil 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 Monday, Oct. 22. Check with the Co-op Office no later than Oct. 22.

## Informational Meetings

September 27	Lever Bros. Marathon Oil Union Pacific Vista Chemical U. S. Marines	Mark Twain Rm-UCE Cent. Hall -202B Missouri Room-UCE Meramec Rm-UCE Hockey Puck	7:00 pm 7:00 pm 6:30 pm 6:00 pm 9 am-3pm
October 1	Chevron	Missouri Rm-UCE	6:30 pm
October 4	Univ. of Tulsa Grad School Anderson Consulting	UCE-Hallway McNutt Hall-Rm 206	10 am-2 6:30 pm
October 7	Schlumberger Well Services	Mark Twain Rm-UCE	7:30 pm
October 8	ARCO Oil & Gas U. S. Patent & Trademark	104 ME Bldg. Mark Twain Rm-UCE	7:00 pm 7:00 pm
October 9	BHP Utah Int'l Dillards LTV Steel Ethyl Corporation U. S. Dept of Energy Conoco, C&TSD(Comput) Conoco, S&T&E Div Conoco, RNE-RNA Div Conoco, EPNA	Missouri Rm-UCE Math-Scs1 Bldg-Rm209 Mark Twain Rm-UCE ChE Bldg. Rm. 125 Maramec Rm-UCE Mark Twain Rm-UCE 202B Cent. Hall-UCE 202A Cent. Hall-UCE Sunrise Room-UCE	7:00 pm 7:00 pm 7:30 pm 6:30 pm 7:00 pm 8:00 pm 8:00 pm 7:00 pm 7:00 pm
October 16	U.S.Naval Air Systems	Mark Twain Rm-UCE	6:00 pm
October 18	Air Force Luncheon FMC - Wyoming	Missouri Rm-UCE Meramec Room-UCE	11am-1pm 7:00 pm

Addition to October Co-op list

Interview date: Friday, Oct. 12, 1990

GENERAL ELECTRIC LAMP PLANT  
St. Louis, Missouri

Interviewing: M.E., E.E.

Requirements: 2.8 GPA or above

Sign-up date: Friday, Sept. 28, 1990

1 schedule - 11 interview openings

\*\*\*\*\*

Interview date: Tuesday, Oct. 23, 1990

NORANDA ALUMINUM  
New Madrid, Missouri

Interviewing: (4) M.E., (2) Met.E., (3) Eng.Mgmt.

Requirements: 2.8 GPA or above.

Sign-up date: Tues., Oct. 9, 1990

1 schedule - 9 interview openings

\*\*\*\*\*

Interview date: Wed., Oct. 10, 1990

MOOG AUTOMOTIVE  
St. Louis, Missouri

Interviewing: M.E., Met.E.

Requirements: 2.8 GPA or above. US Citizenship, Must have at least 30 credit hours completed at the end of the present semester.

Sign-up date: Wed., Sept. 26, 1990

1 schedule M.E. - 12 interview openings  
1 schedule Met.E.-12 interview openings

\*\*\*\*\*

## Summer Employment

UNIVERSITY OF MISSOURI-ROLLA  
Placement Office  
Buehler Building, 9th & Rolla St.

SUMMER EMPLOYMENT - WEEK OF OCT. 29-NOV. 2, 1990  
WEEKLY DETAIL LIST #7

SIGNUP LOCATION: G-3 Buehler Building  
SIGNUP HOURS: 7:45 to 11:15 a.m.  
1:00 to 4:15 p.m.

UNOCAL  
P.O. Box 3100  
Midland, TX 79702  
attn: Merle Steckel

NUMBER OF SCHEDULES: (to be included with permanent)  
MAJORS: Sophomores & juniors with two summers remaining (PE)  
POSITION: Oil Field Roustabouts  
LOCATION: Domestic U.S.  
2.8 OR HIGHER G.P.A.  
AUTHORIZATION TO WORK IN THE U.S. REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: October 30, 1990

TEXACO E&P WEST DIVISION  
P.O. Box 1404  
Houston, TX 77251-1404  
attn: Mr. Thomas Gougnein

NUMBER OF SCHEDULES: (PART OF PERMANENT SCHEDULE)  
MAJORS: ChE, ME, PE  
POSITION: Summer Employment  
LOCATION: Exploration & production of oil & gas in 33 states  
MUST HAVE COMPLETED JUNIOR YEAR  
3.0 G.P.A. PREFERRED  
U.S. CITIZENSHIP OR PERMANENT RESIDENT VISA REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATE: November 1, 1990

KERR MCGEE COAL - GALATIA  
P.O. Box 727  
Harrisburg, IL 62946  
attn: Mr. William Watson

NUMBER OF SCHEDULES: 1  
MAJORS: MinE, EE, ME  
POSITION: Trainee  
LOCATION: Galatia  
2.475 G.P.A. REQUIRED

DEADLINE FOR TURNING IN RESUMES: Thursday, October 4, 1990  
INTERVIEW DATES: October 30-31, 1990



Student Council  
needs  
Unaffiliated Representatives  
to represent  
off campus students  
please stop by the  
Student Council Office  
202 University Center West

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# 1990 HOMECOMING AGENDA

Monday October 8	9 am-2 pm 12:30 pm	All Campus Queen Voting Begins Homecoming Games at the Puck: Wheelbarrow Race Hula-Hoop Competition Announce Queen Candidates Signal Alumini Home Comedy Night at the Puck
Tuesday October 9	8 pm 9 am-2 pm 9 am 12:30 pm	All Campus Queen Voting Scavenger Hunt Begins Homecoming Games at the Puck: Egg Catapult Irresistible/Immovable Object Contest Scavenger Hunt Clues 1 & 2
Wednesday October 10	9 am-2 pm 12:30 pm	All Campus Queen Voting Homecoming Games at the Puck: Stupid Engineering Tricks Jello Wrestling Scavenger Hunt Clues 3 & 4
Thursday October 11	9 am-2 pm 11:30 pm 1 pm	All Campus Queen Voting--Last Day Homecoming Games at the Puck: Alum Map Plotting Food Eating Contest Scavenger Hunt Ends
Friday October 12	9 am-4:30 pm 12:30 pm 5:30-8 pm 8 pm 8:30 pm	Alumni Registration, Miner Lounge Homecoming Games at the Puck: Team Twister Joe Miner Look-Alike Silver & Godd Reunion Buffet Reception, Centennial Hall Parade in the Shade Bonfire
Saturday October 13	7:30-9:30 am 8-11:15 am 1 pm 1:15 pm 1:30 pm 6:15 pm	All-Alumni Breakfast, Centennial Hall Alumni Registration, Miner Lounge Banner Competition IFC Pajama Race Queen Procession UMR Miners vs. NMSU Bearcats Haft-time show: Queen Crowning Marching Miners Alumni Reception, Miner Lounge



UMR  
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Sheila  
STAFF

The rumor is  
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