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The Missouri Miner, September 20, 1989

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Missouri Miner

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

September 20, 1989

Volume 78, Number 5

Twenty pages



Barr to address student issues

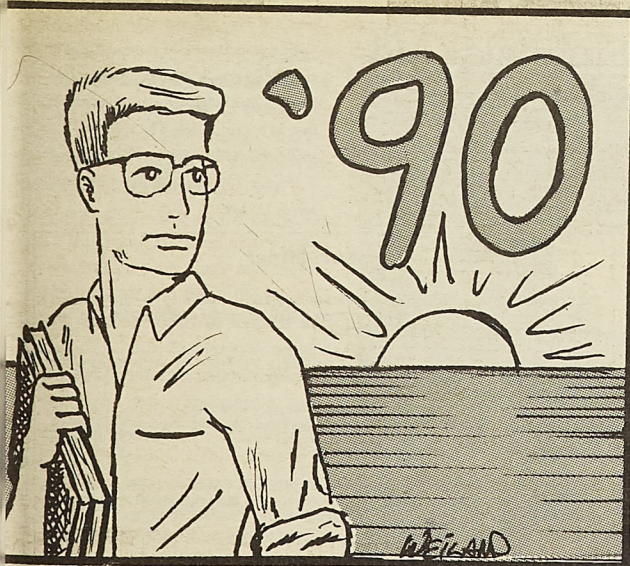
Submitted by
News and Publications

Dr. Margaret J. Barr, Vice Chancellor of Student Affairs at Texas Christian University, will present a seminar on the topic, "Student Issues for the 90's," on Friday, September 22, at 10:45 a.m. in the Missouri Room, University Center East. Students, faculty and staff are encouraged to attend.

Dr. Barr is a national leader in the field of Student Affairs. She is a past president of the American College Personnel Association (ACPA), has received the ACPA Professional Service Award, and has been an ACPA

Senior Scholar. See received the 1986 National Association of Student Personnel Administrators award for Outstanding Contributors to Literature. For the past three years she has served as Editor-in-Chief of the Jossey-Bass

"New Directions for Student Services" monograph series. Among her many publications is the 1988 book titled "Student Service and the Law" and "Developing Effective Student Services Programs: Systematic Approaches for the Practitioner." Dr. Barr is a much sought after keynote speaker, having delivered thirty such speeches during the past decade.



Ethics seminar offered

Submitted by
Paul R. Munger

An Ethics for Engineers Seminar will be offered during the week of October 16th. The seminar is planned for graduate students in engineering but a limited number of spaces for faculty and non-engineering graduate students are available. Please note changed date.

The seminar consists of three 2 1/2 to 3 hour sessions. Sessions will be arranged at times convenient to par-

ticipants during the week of October 16th. To reserve a space, call Cheryl Licklider at 341-4477.

The seminar, directed by Dr. Paul R. Munger, Professor of Civil Engineering, and Dr. Carol Ann Smith, Associate Professor of Philosophy, is designed to provide familiarity with concepts and principles for ethical decision-making in engineering contexts along with discussion of the ethical issues engineers face.

EIT review sessions begin Thursday

Submitted by
News and Publications

Eight review sessions on areas covered on the Fundamentals of Engineering Examination for Engineers in Training (EIT) will be held here at UMR beginning Thursday, September 21.

The examination will be given Thursday, October 26.

Review sessions will be conducted by the UMR faculty members. The schedule is:

Thursday, September 21 -- Fluid Mechanics, Dr. Paul R. Munger, director of the Institute of River Studies and professor of civil engineering, 7-10 p.m., G-3 Chemistry.

Tuesday, September 26 -- Mathe-

matics, Dr. Stephen Clark, assistant professor of mathematics, 7-10 p.m., 114 Civil Engineering.

Thursday, September 28 -- Statics, Dr. Edward Hornsey, associate professor of engineering mechanics, 7-9 p.m., 114 Civil Engineering.

Tuesday, October 3 -- Engineering Economy, Jerry R. Bayless, assistant dean of the School of Engineering and associate professor of civil engineering, 7-10 p.m., 104 Mechanical Engineering.

Thursday, October 5 -- Dynamics, Dr. Edward E. Hornsey, associate professor of engineering mechanics, 7-9 p.m., 114 Civil Engineering.

Tuesday, October 10 -- Electrical Circuits, Dr. David R. Cunningham,

assistant chairman and professor of electrical engineering, 7-10 p.m., 104 Mechanical Engineering.

Tuesday, October 17 -- Strength of Materials, Dr. Kenneth B. Oster, assistant professor of mechanical and aerospace engineering, 7-10 p.m., 104 Mechanical Engineering.

Thursday, October 19 -- Heat, Power and M.E., Dr. John W. Sheffield, associate professor of mechanical and aerospace engineering, 7-10 p.m., 114 Civil Engineering.

A list will be posted in the hallway outside Room 111 Civil Engineering by 1 p.m. Tuesday, October 24, indicating where to report for the examination.

Copies of this schedule are available in Room 111, Civil Engineering.

UMR professors teach in London

Submitted by
News and Publications

Drs. Wayne Bledsoe and Harry Eisenman, professors of history here at UMR, will use the Gothic cathedral to portray the Medieval world from the perspective of art, culture, history and technology in an intersession course-- "A Medieval Window"--they will teach in London, December 29 to January 9 as part of the Missouri London Program.

Participants in these intersession courses will receive full credit and transcript from UMR. The courses offered are two credit hours each and can be used for credit toward graduation. The courses also may be taken on a non-credit basis.

Participants must pay regular UMR fees plus a non-academic program fee of \$1,400 which includes air fare to and from London, housing and course-related excursions.

Students eligible for financial assistance at UMR may be able to apply this aid to the MLP.

For information or an application form contact Dr. Wayne Cogell, G-4 Humanities-Social Sciences Building, University of Missouri-Rolla, Rolla, MO 65401, phone (314)341-4869.

Power seminar offered

Submitted by
News and Publications

A course to provide participants with a better understanding of power system operation will be offered here at UMR on October 9th and 10th.

The course, "North American Power Symposium," will cover topics such as power system operation, power system harmonics, power system control/analysis, power system measurements and power distribution.

Early registration fee for the course is \$80. Registration at the conference is \$85. The fee includes one conference proceedings, two luncheons, morning and afternoon refreshments, an outdoor banquet and transportation to and from conference events as required.

The student rate is \$30.

For technical information contact Dr. Earl Richards, assistant chairman and UMR professor of electrical engineering, Room G-14 Electrical Engineering Building, UMR, Rolla, MO 65401, phone (314) 341-4524 or Dr. Max Anderson, UMR professor of electrical engineering, Room 109 Electrical Engineering Building, UMR, Rolla, MO 65401, phone (314) 341-4552.

For registration information about the course contact Delphia Ponder, Room 105 Mining Building, UMR, Rolla, MO 65401, phone (314) 341-4200.

The course is being sponsored by Continuing Education at UMR.

Notice:

Due to a rearrangement of the Student Council calendar, the deadline for turning in Equipment Fund applications has been extended to 3:30 p.m. Monday, September 25, 1989. The hearings will be Tuesday Night, October 3. StuCo will vote on the requests at its October 10 meeting.

Calendar of Events

Wednesday

Blood Drive, Centennial Hall.

Wesley Foundation Meeting, 6p.m.

Spelunkers Meeting, 6p.m., in 206 McNutt Hall.

Pershing Rifles Smoker, 6p.m., in room 302 Harris Hall.

Alpha Chi Sigma Meeting, 6:30p.m., in G-3 Schrenk.

Interviewing Skills, 6:30p.m., in 104 ME.

ASCE Meeting, 7p.m., in 114 CE.

Kappa Kappa Psi/ Tau Beta Sigma Meeting, 7p.m., in 101 OldCafe.

American Foundrymen's Society, 7:30p.m., in 204 McNutt Hall.

Rolla Macintosh Users Group, 7:30p.m., in Mark Twain Room.

Mass Newman, 9p.m.

Thursday

ME, AE, and Engineering Mechanics Seminar, 3:30p.m., in room 210ME. "The Cassini Mission to Planet Saturn," H. Fred Nelson, UMR.

Bible Study, 4p.m., in Maramec room.

Toastmasters Meeting, 5:30p.m., in 220 Fulton Hall.

Eta Kappa Nu Meeting, 6:30p.m., in 102 EE.

Climbing Club, 6:30p.m., in 206 McNutt Hall.

Study Skills & Test Preparation, 6:30p.m., in TJ Lounge.

St. Pat's Meeting, 7p.m., in 107C Mining.

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

ANS Meeting, 7p.m., in 227 Fulton Hall.

International Students Club Meeting, 7p.m., in Centennial Hall.

ACM Meeting, 7p.m., G-5 H-SS.

Pi Tau Sigma Meeting, 7p.m., in 208 ME.

HKN General Meeting, 6:30p.m., in room 102 EE. Pledge meeting at 7p.m.

EIT Review - Fluid Mechanics, 7-10p.m., in G-3 ChemE.

UMR Film Series, 7:30p.m., "Treehouse: An Ozark Story," in Miles Auditorium, 104 ME. Admission by season ticket or \$3 at the door.

Gaming Association, 8p.m., in 208 ME.

Friday

Angel Flight, Rock-a-Thon in Harris.

"Students Issues of the Nineties," 10:45a.-noon, Dr. Margaret J. Barr, Texas Christian University, in the Missouri Room, University Center-East. Free!

IVCF Meeting, 7p.m., in 139 Chem.Eng. Bart Harson will speak on Christian Apologetics.

Campus Performing Arts, 8p.m., the "Ballet Folklorico 'Queztali' de Veracruz," at Cedar Street Center. Admission by season ticket or \$5 for non-UMR students, retired faculty and staff and \$7.50 for all others. Tickets may be purchased from 8a.m.-4:30p.m. at the cashier's window in University Center-West. Tickets may be purchased at the concert location one hour before curtain time.

KME Meeting, 8:15p.m., in 107C Mining.

Saturday

Vets Club Car Wash, ALLDAY, in front of Walmart.

UMR Gaming Association Meeting, 9a.m., in 317 CE. Miniatures Painting Seminar.

CSA Language Study, 9:30a.m., in the Ozark room.

Women's Soccer, 2p.m., versus SIU.

Men's Soccer, 7p.m., versus NEMO.

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

CSA Movies, 7:30p.m., in G-3 Schrenk.

Monday

LAST DAY for 50% REFUND!!!

NSBE Meeting, in McNutt Hall.

Time Management, 3:30p.m., in Maramec Room.

Chem. Seminar, 4:30p.m., in G-3 Schrenk.

Student Activity Fee Board Meeting, 4:30p.m., in Walnut.

SAE Meeting, 6p.m., DELCO, in 104 ME.

Independents, 6:30p.m., in Maramec room.

Sex Bowl '89 7p.m., in TJ South Lounge.

Life Talks, 7:30p.m., in room 1052 TJ South, sponsored by Koinonia. Please stop by.

Tuesday

Leadership Development, 3:30p.m., in Missouri Room.

Smoking Cessation Group, 3:30p.m., in Mark Twain Room.

SWE Meeting, 5:45p.m., in Ozark Room.

Campus Crusade, 6:30p.m., Maramec room.

StuCo Meeting, 6:30p.m., in Eng. Mgt. Aud.

Respect Yourself/Protect Yourself, 6:30p.m., in TJ Lounge.

AEG Meeting, 7p.m., in 204 McNutt Hall.

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

AGC Meeting, 7p.m., in 114 CE.

UMR Soccer, 7p.m., versus McKendree.

Koinonia Meeting, 7:30p.m., in 125 Chem. Eng. Building. All invited.

Respect Yourself/Protect Yourself, 8p.m., in Rayl Lounge.

Noday

May Graduates, If you will be completing requirements for a degree next May, you should make application for that degree by going to the Registrar's Office at your earliest convenience. Signed Lauren A. Peterson.

Financial Aid

Additional Financial Aid Available: Students wishing to be considered for additional "Need Based" financial assistance (loans and/or college work study) for the Fall 89 semester, can sign up in the Student Financial Aid Office, G-1 Parker Hall,

from Monday, August 28th through Friday, September 15th. Students wishing to be considered for additional assistance must have a remaining need as determined by the 1989-90 ACT Family Financial Statement.

National Roofing Foundation: The National Roofing Foundation (NRF) is offering three \$4000 scholarship awards for the 1990-91 school year. To be eligible for the scholarships, candidates must be high school seniors planning to attend college, undergraduate or graduate students. They must be full-time students and be enrolled in architecture, engineering or other curriculum related to the roofing industry. The first scholarship award is given by the National Roofing Foundation to students attending accredited colleges or universities in the United States. All application, transcripts and reference forms must be postmarked by February 1, 1990. Additional information is available in the Student Financial Aid Office, G-1 Parker Hall.

Fulbright Grants: Application forms and further information for Fulbright Grants for students currently enrolled at UMR may be obtained from the Fulbright Program Adviser Dean Harry Sauer, who is located in 210 Parker Hall. The deadline for filling an application on this campus is October 1, 1989.

ORSERS: The Oak Ridge Science and Engineering Research Semester (ORSERS) is offering college juniors and seniors an opportunity to do hands-on research at Oak Ridge National Laboratory (ORNL) in Tennessee during the academic year. For more information on the ORSERS program, contact Ernestine Friedman, ORSERS Program Manager, Science/Engineering Education Division, Oak Ridge Associated Universities, P.O. Box 117, Oak Ridge, TN 37831-0117. The application deadline for the 1990 spring semester is October 20. The 1990 fall term deadline is March 15, 1990.

Hatheway receives award

Submitted by
News and Publications

Dr. Allen W. Hatheway, professor of geological engineering here at UMR, is the recipient of the U.S. Army's Meritorious Service Medal with first oak leaf cluster. The medal is the second such award Hatheway has received from the Army this year.

According to the Army, Col. Hatheway received the award for "four years of efforts as Fifth U.S. Army Liaison Officer to Reserve Components in Missouri."

"The work specifically deals with engineering seismologic research in preparation for emergency responses in the case of a major New Madrid area earthquake, which includes the St. Louis and southeast area of Missouri," Hatheway said.

In addition, Hatheway was reassigned as chief of staff (Mobilization) of the Ohio River Division, Corps of Engineers, Cincinnati, in September. He has served in the active army and army reserve for 28 years.

Attention Living Units, starting with the September 20th issue of the Missouri Miner it will be possible to pick up copies of the Missouri Miner for your entire floor or house. The pick up will be at the Rollamo Darkroom (basement) in the Rolla Building between 3:30 and 4:30 on the Wednesdays an issue is to due come out.

PERSONAL RESOURCE DEVELOPMENT SERIES COUNSELING & CAREER DEVELOPMENT

TIME MANAGEMENT PRESENTATION

Monday, September 25
3:30-4:30 pm
Maramec Room, UCE
Facilitator: Dr. Gene Van Matre

PERSONAL RESOURCE DEVELOPMENT SERIES COUNSELING & CAREER DEVELOPMENT

LEADERSHIP DEVELOPMENT PRESENTATION

Tuesday, September 26
3:30-4:30 pm
Missouri Room, UCE
Facilitator:
Professor Jim Highfill

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.

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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 Rolla Building) 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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Features

Search for roommate goes on Sig Tau, Chi-O, and AEPi win games

By Nora Okong'o
Staff Writer

(The characters and events depicted in the story are entirely fictional. Any resemblance to known persons is coincidental.)

Last week: Donna, a senior, and Christine, a freshman, are roommates for the first time. During their first weekend together, Christine disappears. Where could she be?

"Let's go over this again," the police officer said.

Donna could sense his disbelief over the phone. Maybe he was thinking that this was sort of a practical joke college students liked to play.

"When did she disappear?"

"I'm not really sure. I saw her last on Saturday evening."

"So, you haven't seen her for about

two and a half days."

"That's right. At first she wasn't back by Sunday night, so I called some of the people listed in her address book that night. I found some more in her class notebook, and I called them on Monday morning."

"Okay. I need you to come to the station to file a missing persons report. Have you contacted her parents?"

"No. I didn't want to worry them unless I had to. I mean, if she shows up in the next couple of days, they don't need to know about all this, do they?"

"We'll see. By the way, could you bring us a photo of the missing girl? It would go a long way in helping the investigation."

"Okay. I think she has one around here somewhere."

She hung up slowly. Why couldn't

Christine walk in right now and end this all? If she had wanted to leave, all she would have had to do was say so. This disappearing act was the most immature way of handling the tense situation that had so quickly developed. But she would have to come back, sooner or later, for her clothes. Oh, well, the police would soon be on the lookout for her.

Donna's first thought when she woke up on Wednesday morning was that she had heard someone in Christine's room. Christine was back, she thought, through a haze of drowsiness. Then she realized that it was just the rain beating against the window panes. Another long day had begun.

see Roommates, page 5

By Kevin Webb
Staff Writer

Just 11 days ago the St. Pats Board sponsored the 12th annual Septemberfest and it went off without any problems at all. The beginning of the day looked kind of dreary, but then the showers stopped and everybody started showing up. Everyone had a great time competing in the games and socializing with their friends.

Then Tic-Toc-Boom set in rocking out with some good tunes by Led Zepplin, Pink Floyd, and many more. The band enjoyed the support we showed

them and they would love to come back.

The winners of the games were as follows: Mens Relay: 1st - Sigma Tau Gamma, 2nd - Alpha Epsilon Pi, 3rd - Tau Kappa Epsilon, 4th - Beta Sigma Psi. In the Women's Relay: 1st - Chi Omega, 2nd - Phi Kappa Theta little sisters, 3rd - Tau Kappa Epsilon little sisters. Seven-man Boat Race: 1st - Alpha Epsilon Pi, 2nd - GDI, 3rd - Kappa Sigma, 4th - Sigma Phi Epsilon.

St. Pat's '90 is only 176 DAZE away. So everyone get psyched and make it the BEST EVER!

Saraya shoots to the top with gutsy rock-n-roll

By Babu Barat
Staff Writer

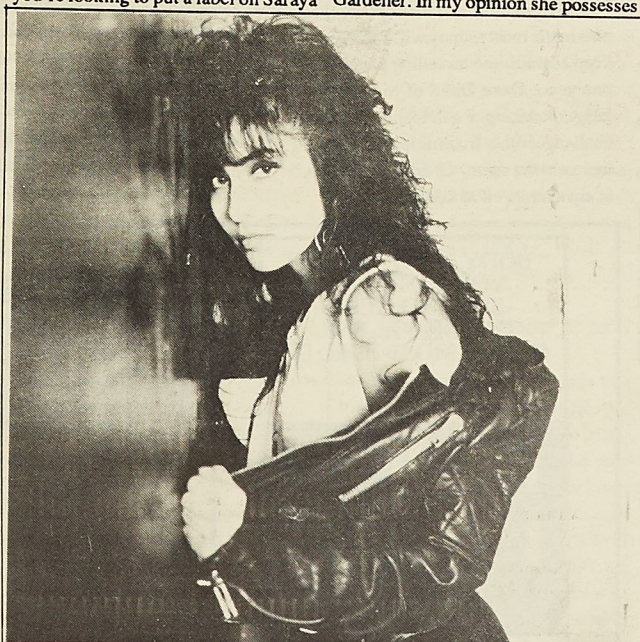
Glam, flash, speed, look and so many other words are what seems to depict the cream of the crop in rock 'n' roll these days. What ever happened to the days of tasteful, passionate, bluesy, good 'ol fashioned rock. Remember when you could go on a date and remember the song that was playing when you first kissed that special lady. It almost seems that is a thing of the past. But, wait! There is hope. There's a new band on the block and they're ready to put an end to all the clichéd music that has been so evident this decade. Their name is Saraya and their self-titled debut on Polygram Records is one of the hottest releases this year. Their first single and video for the song "Love Has Taken It's Toll" became an instant hit over the summer months and continues to thunder across the airwaves nationwide. The followup for the ardorous single "Back To The Bullet" should fare equally well, probably even better.

Saraya is a band based around the fact that the song is the most important element in the making of good music. The East Coast quintet was formed on the whim of then-producer John Rollo to combine five strong musicians together to make a band that just couldn't be beat. The chemistry is astounding. Sounding like they've been playing together for years, this quintet has forged it's way into a rock 'n' roll scene that was destined to oblivion, and has given it new power by redefining the elements that have made rock what it is. Just check out tracks like the potent

"Get U Ready" and the emotion in the instrumental "Alsace Lorraine." The album covers a diverse arena of arrangements from slow bluesy ballads to rockers that will tear the house down. If you're looking to put a label on Saraya

we play," she added.

Saraya has one of the most amorous female voices in rock and roll which rivals those of her top colleagues like Ann Wilson, Pat Benatar and Janet Gardner. In my opinion she possesses



Courtesy Polygram Records

"We are very serious about all of our music," Sandi Saraya

it is impossible. This band is serious about their music. "We're honest about ourselves, our music and the simple fact that we're extremely dedicated," says vocalist Sandi Saraya. "Rock 'n' Roll is our life, and for the first time since we've been playing in bands the five of us feel like we've got something special happening. It's incredibly exciting. You can feel it when

one of the most illustrious voices that has ever graced the music industry. Fretmaster Tony Rey has some of the slickest and tastiest licks to be put on vinyl. His playing is a powerful blend of blues and rock. The backbone of Saraya is keyboard player Gregg Munier, who along with Saraya wrote the majority of the music on this record; drummer Chuck Bonfante; and bass

player Gary Taylor; who combined make a potent rhythm section suited just for this brand of memorable rock 'n' roll. To hear is to truly believe.

After returning from completing several European gigs, Saraya hopes to embark on a nationwide tour either opening for another band or headlining clubs and small amphitheaters. In the meantime check out their hot self-titled debut Saraya. Mark my words, this band has the necessities to go where no band has gone before. To climb as high as they want. There are no limits.

I recently spoke with vocalist Sandi Saraya who discussed what the band had in store for the future.

What's going on?

We are in L.A. shooting our new video for "Back to the Bullet."

That's a great song! Why don't you tell me a little about the band. How long has Saraya been together?

The current line-up has been together about two years. It has not been all that long. As a matter of fact, the first time we played together live was for a small club tour we did starting in May, supporting this record. Greg (Munier) and I have been together for seven years in and out of original bands. The other three guys were in a band called Swift Kick and NYC, and they played the Long Island circuit. What happened was that all of us were completing separate demos to send to record companies, and we had a producer who we were working at the time named John Rollo. He was working on both our demos. At the time Greg and I did not know the other three guys, but John had the brainstorm of putting the two bands

together. It worked out good because Greg and myself were ready to let the other guys in our band go because we were not happy with them musically. Gary, Chuck and Tony were always on the brink of getting a deal, but something always seemed to fall through. John asked us to get together and when we did we knew it was right. It was so easy. We went in and rehearsed, and then everything seemed to fall into place. So they quit their band and we let ours go and that is where we stand. **Do you plan on going back out on the road?**

Yes. It's hard right now to hook up with a major tour because there aren't that many bands going out. And the bands that are out have records that are cooling down and so they're about to come off. We wouldn't have done it any other way as far as going out on the small club tour that we completed. I didn't really want to jump into an arena because we hadn't played live before. It gave us a chance to work out all the kinks and to have an intimate thing going with the crowd.

Are you happy with the way everything is going?

Yes. We were a little disappointed that it took us so long to do our second video, but that had to happen because we did a small tour in England opening up for a band called FMUK. We just got back from there about two weeks ago. We thought we were going to get tomatoes thrown at us because we had heard the English crowd was a very

see Saraya, page 5

Tech-Engine going strong

Submitted by
Tech-Engine Club

"UMR's Tech Engine Club Burns Mortgage." That was the headline on December 5, 1975 when club members celebrated the completion of loan payments for their land and building.

In September of 1934, the Engineer's Club was established as a cooperative effort to provide meals for students. During those depression years, the students found that buying food in bulk, hiring a cook and handling all of the management details themselves, they could eat for less.

Through the years there have been as many as six different eating clubs on campus, but due to many factors including freshman live-in rules and decreased enrollment only one is still operating. The present Tech-Engine Club is the result of a merger of the

original Engineer's Club and the Tech Club which took place in January, 1975.

The members of TEC are students who don't live in dormitories or Greek housing, but in off-campus public housing: student rooms, apartments or houses. Many of these members view TEC as central to their social lives.

The club is active in intramurals and took 1st place in soccer last year. It also participates in service projects and sponsors social events like the recently revised Tech Engine Club Street Dance.

During the 1960's the members decided it would be financially advantageous to own their own building and so through some alumni aid a plan was drawn up and a loan obtained. The land was purchased in 1963 and the building was built in 1964.

In 1975 the payments were completed and Tech-Engine Club was fully owned by the students.

Today TEC's numbers have dwindled but the spirit is still alive. They have all come to view their club as more than just a place to eat. The doors are always open and new members are always welcome. In fact, the TEC officers have come up with an offer you cannot refuse. Anyone who signs up as a regular member will be guaranteed a \$100 per month board bill. That means lunch and dinner, Monday through Friday for 4 weeks at \$2.50 a meal.

So be a part of UMR history and stop by to see what Tech-Engine Club has to offer you. (TEC is just north of the Electrical Engineering building and the phone number is 364-6581).

1989 Homecoming reaches for the 'Farther Side of UMR'

Submitted by SUB

What is it about the fall that makes it special? Could it be the football game or the golden leaves falling from the trees? No, no that's not it, now I remember. It's time for Homecoming 1989. This fall's homecoming is going to be a memorable one. The theme for this year is "The Farther Side of UMR." The theme is based on the insane cartoon strip "The Far Side," which so many of us can relate to only too well. The activities planned for this week of craziness include a PI memorizing contest, Egg Catapult, Scavenger Hunt, "Far Side" character imita-

concert you crazy nuts! Wow have we got a concert! Get ready U.M.R., prepare yourselves, sit if you're standing and stand if your sitting, because Tuesday October 3rd, 1989 at 8:00 p.m. 3 Special will be on stage at the Gal Bullman multi-purpose center. This concert is going to rock this town to the ground. Tickets are going to be available on campus for the amazing low price of \$5.00 for students, and \$10.00 for non-students. Do not delay, get your tickets NOW! The entire week is packed full of fun, fun, and more fun. Why? Because we like you! For more detailed information on how your or

St. Pat's board volunteers service to CROP walk

Submitted by
Margaret Miller

St. Pat's Board volunteers will again be serving as crosswalk observers for this year's CROP Walk. The third annual Phelps County Walk for the Hungry will begin at 2 p.m. this Sunday, September 24th, at the Hockey Puck. Nationwide, more than 1,650 Walks each year raise money for self-development projects for the hungry and the homeless. Church World Service works through partner agencies in more than 70 countries to provide relief, development and refugee assistance. The CROP Walk gives UMR students the opportunity to join

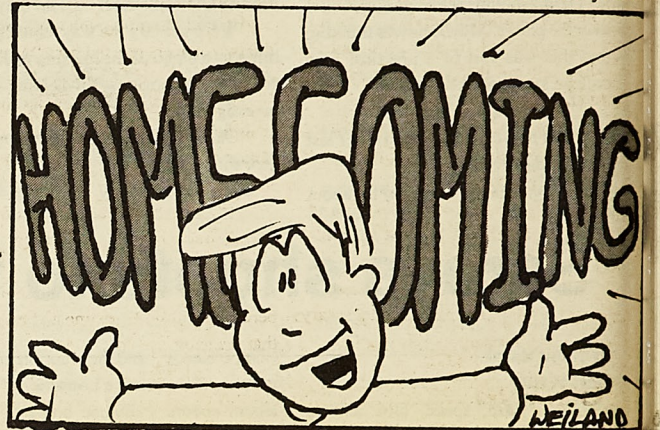
faculty, staff and people of all ages in the community to help the hundred million children who go to sleep hungry each night.

Participating is easy and fun. Pick up a sponsor record at the Wesley House, 403 W. 8th Street, at the Newman Center, 2 Vichy Road, or at the registration table before the Walk. Or call Michael Barnett (341-2630), Michael Hurst (364-8481), or Joel Hubbard (364-9298). Then call home (or your richest relative) for a pledge. Or make a donation to sponsor yourself. Small contributions add up to make a big difference.

On the day of the Walk, listen to

The Voices of Inspiration Choir starting at 1:15, turn in the front page of your sponsor record at the registration table near the Hockey Puck, and enjoy walking with your friends (or meeting new ones). Walking ten kilometers (about six miles) will do great things for your body. And walking is a good way to dissipate the stress that has accumulated since classes began.

The fraternity and the sorority that turn in the most money will each get to keep a handsome travelling plaque for one year. Dave Dicks of Sigma Pi is busy recruiting Participants, and he challenges other fraternities and sororities to do the same. Greek competition is alive and well at UMR.



tion competition, the ever popular Stupid Engineering Tricks (senior projects don't count!), Carnival on Campus (or attend any physics lab), Team Twister Competition, Joe Miner look alike contest, Homecoming parade, Bonfire rally, and more!! Many of you are saying at this moment, "What, no concert????!!!" Of course there is a

gaization can participate in the many activities the Student Union Board has planned, give us a call, or come by and see us. Our phone no. is 341-4220, and we are located in Room 217 of the University Center West. So my fellow friends from the not so far Far Side, get ready. As my scout master said "be prepared to party." It was a fun troop.

Family Fitness 341-2237
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— Gene Shalit, Today Show-NBC-TV

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ACCIDENTAL
TOURIST**



William Hurt and Kathleen Turner Double Feature
BODY HEAT September 22 & 23 at 7 pm

ACCIDENTAL TOURIST September 22 & 23 at 9pm

Roommates

from page 3

She elected to study at home, instead of in the library as she normally did. The air-conditioner rattled irritatingly in the early afternoon heat. She had to remember to get it fixed, or at least remounted. Christine would probably begrudge her share of the bill. The same Christine who had been nowhere to be seen since Saturday. The ring of the telephone interrupted her train of thought.

"Hello, is this Donna Stevens?"

"Yes, it is."

"Donna, this is the Student Services office. The director would like to speak with you. I'll put him on."

"Okay."

There was a pause, then: "Hello, Donna. This is Charles Miller, the Director of Student Services. I've just been contacted by the local police. They tell me that you reported your roommate missing. Is that correct?"

"Yes, it is," she replied, wondering why he would be involved in what was obviously a police matter.

"I got the impression that you refused to give them Christine's parents' home address."

"I didn't refuse," she protested. "I just said I didn't think it was necessary to contact her parents just yet."

"I see. Well, I just wanted to make sure that there hadn't been any misunderstanding. I'd suggest that you contact your parents and get some legal advice. If you need any help, please feel free to contact me."

"Okay, thanks. Bye."

It was a few minutes before the full import of what Mr. Miller had just said hit her. Was he implying that the police thought that she was somehow responsible for Christine's disappearance? But that was ridiculous! Whatever the case was, she had better go out of her way to help them. Otherwise, the cloud of suspicion would be lifted only when Christine returned.

There was a sharp loud knock on the door. It was the police.

"Good afternoon, ma'am," one of the two officers greeted her. "May we come in?"

"Sure," she replied. She hoped that they would at least pretend not to notice what a mess the apartment was in.

"Is this her room?" the officer asked, once he and his partner had introduced themselves.

"No, the other one." She remembered how upset Christine had been at that decision.

They entered Christine's room.

"Did you notice whether any of her clothes were missing?"

"I can't say. We'd only been roommates for a week."

"How did you meet?" he asked, while writing down the reply to the last question. The other officer was looking around, with an intense interest that made him unlikely to miss anything.

We're from the same town. Her older sister and I are good friends."

"You're pretty sure that she didn't leave any note saying where she was going?"

"I looked for one, and I didn't find any. I figured that if she'd left one, she would have put it in an obvious place."



"When did you last take out the trash?"

"Sunday night. I did it then because..." Her voice trailed off when she realized that he was no longer listening. Besides, that was an unimportant detail.

They moved into the kitchen. Donna felt that her whole life was now under scrutiny, especially when one of the officers went down on his knees and tried to look under the refrigerator. He extracted a scrap of paper and stood up.

"You know any Nancy?" he asked.

"No." Donna was puzzled. Was that what was written on the paper?

"Did Christine?"

"I don't know. I don't think that it was—that she was in her address book."

The policeman exchanged glances. "Could we see this address book?"

"Sure." She went off to look for it.

Her heart sank when, after fifteen minutes of frantic searching, she could not find it. By this time, the police officers' expressions showed they doubted that there had ever been an address book.

"Let us know as soon as you find it," one finally said. "We'll be in touch."

Donna heaved a sigh of relief as she

shut the door behind them. Her relief was dissipated when she heard them say: "Sooner or later, she'll slip and we'll nail this on her."

"Yeah, you can't trust some of these kids these days. They'll even kill someone just for the fun of it."

Surely they didn't think that she'd killed Christine and had stashed her body away somewhere. Right now, they didn't have any proof, but if Christine's body showed up somewhere, the circumstantial could nail her. What was that name—Nancy? It was a long shot, but it could be her only one. She thought quickly. The police may have concluded that that was a scrap of a note that Christine had written. But if that was so, why had she torn it up and thrown it away? Maybe she had been going to leave a note and had decided against it to spite her. To the police, it would be apparent that Donna was trying to cover something up. There was only one place to start—Nancy could be a classmate of Christine's; she would know for sure by the end of the next day.

Continued next week. . .

Saraya

from page 3

stiff crowd, but it was quite the opposite. We did one headlining gig there at the Marquis and we sold it out. That was a surprise in itself because we didn't think that many people knew about us.

Tell me a little about the writing process in the band?

For this record it was mainly Gregg and myself. We had another songwriter collaborate with us. His name is Sandy Windsor. That only happened because we had the songs already before we started auditioning players looking for the band. Now we don't have a formula doing it. For the next record it will be a totally new thing because it will be all of us together. We've written about five new songs on the road and the direction we seem to be taking is towards heavier bluesy type songs. But there's still going to be the melody that this record has. We've had a positive reaction to the album. The only criticism we've had is that there is no real direction on the album because one song is like this and the other song is like that and it is really hard to categorize the band.

But that is what makes it so good! There are so many bands that wish they could do that. It's so diverse.

That's how I feel. It shows all our sides. We're not trying to fit into every category. That is not our intention. If we like the song then we just go with it. If you take "The Immigrant Song" and "The Rain Song", they are totally different. The songwriting should be

the most important thing. It shouldn't be formatted. I think it is kind of boring if an album is like that.

How do you feel about the use of your name for the band?

That's the only thing that went down the way we didn't want it to. We've been blessed with a record company that let us choose our single and our album cover, when they could have just as easily put a pretty face picture of the band on the front cover. They let us do what we wanted, but when it came down to the name of the band it was a little different. I have tried to all my life to avoid using a my name for a band. What happened was that we had a name, Alsace Lorraine, they didn't really like. They thought it was too long, that nobody would know what it was, that it sounded stupid. And that people would think that I was Lorraine, so to forget it. I agreed with that. We searched and searched for a name and we couldn't think of anything we all agreed on, and when we did it was already taken by another band. The albums were being pressed and we still didn't have name. The people at Polygram were referring to the band as Saraya because they didn't know what else to call us. So at the eleventh hour they said we have to go with a name we know is not going to be taken and it is different, so just go with it.

I think it is great. It is really easy to remember and it is very different.

Thanks. We even went through this phase when we decided we were going

to change my name or use my real last name. Saraya is my middle name. I've always used it as my stage name because it was easier than my real last name. Everyone said just keep the name. So what if you have to work a little bit harder to prove that it is a band, and it is nothing that the band can't handle. The record company was right. The guys in the band don't have an ego problem or anything like that and they love a challenge. So if we have to work a little harder then that's what we will do.

Have you always wanted to be a musician?

Yes, I always have. My mom says that I used to sing along with the Beatles when I was really young. I'd be in my crawler and run to the radio and play with the knobs. My mom says I was always obsessed with it. Even in high school. I went to a small high school that was very clunky. It wasn't the coolest thing to be in choir. My friends use to say that if you are going to be in the choir then don't even walk home with us. They thought it was stupid. I stuck it out because I love to sing. That has always been my passion. I even went to college to make my parents happy. All they saw me in was all these rock 'n' roll bands. They wanted me to at least try college. So I tried it. But I would always get home at five o'clock in the morning and my first class would be at eight o'clock. But one day I fell asleep at the wheel and almost got killed by a Coca-Cola truck. The cops

came and gave me a breath test and everything to make sure I wasn't drunk. I kept on telling them that it wasn't that and it was just because I was exhausted. That's the day I went home and said there's no way I'm doing this anymore. My parents were very disappointed. In a way it was good because from then on I put everything into trying to get a record deal.

What bands influenced you?

I listened to UFO. They were very influential on me. They were heavy, but yet they were melodic. I listened to Patty Smith. She's like me because we don't have the best voices, but when you put on an album of hers, by the time you've played it all the way through you feel like you know her. And that's what I hope we did on our album. She doesn't have the voice like Ann Wilson was blessed with, but it is so rock 'n' roll. As far as men, I would say Glen Hughes. He is a great singer.

How are you handling the success?

It's kind of weird. For instance the other day I went to see my friends in Tesla. I saw them play. I was waiting for my friend in front of the bus. I had my pigtail on, my glasses, a hat and I was just standing there. Then one kid in the parking lot said something to me and then it was like, forget it! The entire parking lot gathered around me. I got scared because I had people tugging on me and taking the rings off of my fingers. Finally a security guard came and helped me out. And that was strange because I just don't picture

people knowing me like that. But everything else doesn't feel that much different to me except for when we play. That doesn't bother me because I love people. I'm not the type of person who scurries to the back of the bus and shuts the door. I sit down and talk all night. I like it, but I will always keep my feet on the ground because I don't things like that get to me.

You mentioned that "Alsace Lorraine" was the name of the band, but what made you decide to name an instrumental by that same name?

We called our band Alsace Lorraine because it was cool. It was a neutral zone in World War II. Nobody could kill you there. Gregg's parents were from there. So we decided on it for the band's name. Gregg wrote that piece as a tribute to our old band because we worked so hard with it even though it never amounted to anything. It also reminded him of the place.

So what goals has the band set for itself in the future?

Just to get into the type of songwriting that will bring out timeless songs that only bands in the old days seem to have been able to do. It's like the first time you heard a Led Zeppelin song, it reminds you of the afternoon you heard it. You can remember the smell of that afternoon, what you ate that day and so on. We want our songs to have that kind of effect. To put it simply, we want to write classics that will be remembered years and years from now. And of course madness and mayhem!

Angel Flight rocks for charity

Submitted by
Angel Flight

Angel Flight would like to remind everyone that the annual Rock-A-Thon is this weekend, beginning 8 p.m. Friday night till 8 a.m. Saturday morning. That's 12 great hours of rocking til you drop for the benefit of the St. Louis Alzheimer's Association for research. Rock-A-Thon will be held on the sec-

ond floor of Harris Hall and there will be lots of fun, food and entertainment all night long for the rockers and the other team members. Also, this year there will be a \$50 prize for the team that brings in the most pledges! So, it's not too late! Get your organization's team together and prepare to rock! For more information call 341-4925 or 364-9517.

JOIN US at THE MOVIES

SEPT. 21 TREEHOUSE: AN
OZARK STORY

Directed by TOM SHIPLEY. Why are rivers important in the Ozarks? This documentary seeks to answer that by focusing on the life of Ralph "Treehouse" Brown, of greater Steelville. Sandy Primm and Tom Shipley will explain how they went about producing this videowhich includes historic footage of a 1920's railroad tie drive down an Ozark river and portraits of several strongwilled residents along fabled Huzzah Creek.

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Guitar players wanted

Submitted by R.A.G.E.

R.A.G.E. (Rolla Association of Guitar Enthusiasts) is an attempt to form an organization for guitar players of all skill levels and provide a "guitar intense" environment during scheduled meeting times. The organization will focus on development of technique, knowledge and understanding of theory, as well as demonstrations of new equipment and effects presented by the fine staff at Woolf Music. Tentative clinics have been arranged with Woolf Music's John Knox and Yamaha endorsee Jeff Scheetz. Other plans include one-on-one workshops between RAGE members, exchanging



individual ideas and skills. The workshops will range in topics from basic theory and skills to live performance and impromptu jamming.

It must be stressed that although this group is intended to be fun, it is not an excuse to drink and make noise. The intention of those involved is to bring together people who are serious about advancement on guitar. If you have an interest in R.A.G.E., it is important that you contact either Steve (364-4289) or David (364-8422) and leave your name and phone number so you can be reached. A list of those interested is necessary to determine organizational eligibility.

Kappa Alpha receives awards

By Matt Licklider
Staff Writer

As is well known, school is back in session at UMR. Upon their return to Rolla, seven members of the Kappa Alpha Order and the Alumni Advisor brought with them good feelings of brotherhood from their national con-

vention. The conventions are held on odd-numbered years and this year was hosted in Scottsdale, Arizona.

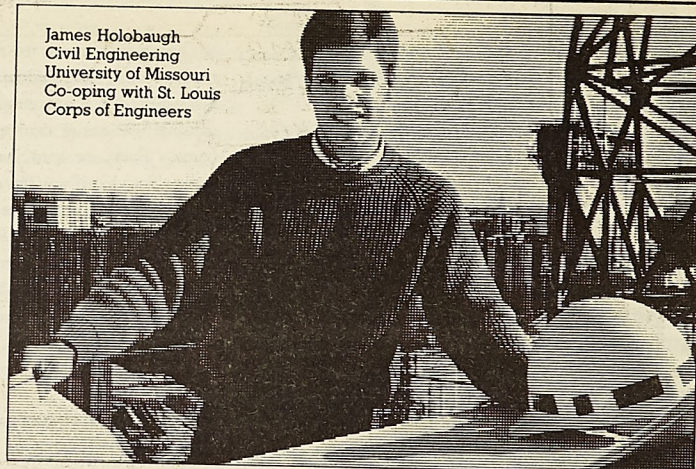
In addition to the bonds of brotherhood, the Kappa Alpha members brought home a Samuel Z. Ammen Award. The Ammen is presented to only the upper 20th percentile of 123

chapters. It is awarded for chapter excellence and was the chapter's eighth consecutive Ammen Award.

Also awarded to the chapter was the Scholarship Award for scholastic excellence. This past year was a very successful one for the Kappa Alpha Chapter here at UMR. Great things are expected from the future.

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The Department of Army Scientific and Engineering (DASE) Co-op Program provides ROTC students the opportunity to work in a Department of the Army facility while still in college. Each is paid while getting practical work experience in a high-tech facility. Selected students also receive up to \$5,000 tuition assistance per year and the opportunity for continued employment after graduation.

To be eligible, you must be a freshman in a baccalaureate program leading to a degree in science or engineering. For more information on application procedures, contact the Chairman of the Co-op Department, or the Professor of Military Science.

Students are selected on a competitive basis.



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Classifieds

Miscellaneous

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For Sale: A King Size Waterbed mattress. Call 341-2689.

For Sale or Rent:

One Foosball Table, Call 364-5226 ask for Ron.

The Student Union Board

is electing a new Fine Arts Director September 26 at 6:30 pm. Anyone interested should apply at the SUB office Rm 217 UCW.

Readers:

The UMR Gaming Assoc. is holding a Miniatures Painting Seminar. Ken Trossen from Rolla Craft & Hobbies will be coming in and giving pointers. Paints and brushes will be available if needed. All welcome. Saturday, Sept 23 - CE 317 at 9 AM - 5 PM.

Ski Steamboat Free!

Inter campus programs is looking for an individual, organization, or club to promote our Christmas break ski trip. Work with the nation's leading college tour operator. We provide all marketing materials, free trips, and cash commissions. Call now for details: 1-800-327-6013 ext. 300.

Personals

To those from Joplin:

I need a ride back home for the weekend. 364-6402.

Jeanne!

We love you!

YBS & OMA

Quent and Angus,

You guys are the best coaches ever! Keep up the good work because we appreciate your time!!

Your XQ football team

Sherry,

We really appreciate your hard work on Derby Days!

Love in AOT,

Your Kappa Delta Sisters

We Love our new I's -

Anita, Lynette, Suzanne, Tracey, Dia, and Cat.

Love,

Your Sisters in Chi Omega

We Love our new D.O.L. Pledges.

-D.O.L.

The Ladies of Chi Omega,

We really enjoyed working with you during Derby Days. It was a BLAST! We hope to party with you at more occasions in the future.

Love and Peace,
Your Coaches
Larry & John

Kim B.,

Congrats on being promised!

ZLAM,
YBS

Zan,

You thought we were gone - but we're back (worse than ever)!

A & M

To my "HOT" Mystery Date,

Get ready to party & Dance the night away Jamaican style whoever you are.

A Zeta

Boris,

When are we going to the Chemistry Building?

Grape-Ape,

I hope you get what you want this year.

Sorry about all of the cracks, MOST of them were accidents. Remember what I said & don't let telling your secret bother you.

Whenever we have a few free hours, I'll fill you in on a few of my deep dark secrets.

Curious George of the Jungle

Anne,

You are the best friend ever! I miss you not living at Zeta!

ZLAM-Jennifer

House B,

Thanks for being so concerned. You are almost better than mom, but don't tell her I said that.

Vicki

My Little Red Fox,

Good luck finding the job that you want & will be happy with. I know things would be better if we were together. In the mean time, keep on writing!

Your Teddy Bear

Thanks for the TGIF Friday, let's do it again soon!

-The ladies of Kappa Delta

Collen,

You better sheath that triangle!

Anne & Kathy,

Jill H. says Hi! NewsFlash: She got a little tipsy on her 20th and Madison is good so far.

Les

Putnam,

Happy 21st!

I love you,
G.

To the men of Triangle-

You guys are great to party with. Thanks for going on Boat Cruise!

-The Ladies of Kappa Delta

Dan,

Remember the Septemberfest motto: Thighs Town! P.S. Tell Bimbo and Thighs hi

Zan,

How 'bout a Sunday?

LICO,
YBS

Bind-

Hoping you're having a great time at mystery week. More clues to come!

-YBS

Jeffy,

Happy Birthday! Enjoy your trip to TN!

Roomie

Anita,

Congrats! You're the Best!

LICO,
YBS

Marcie,

Are you still alive?

Shelly

Hey Weed,

When is our next movie date? No more fly movies!

Love,
Your flowers (J & B)

J. Conrad,

You're a man of steel!

Love,
A Chi-O with a broken pinky

Froggie,

I hope you had as great a time this weekend as it appeared. And don't worry, they'll let you play... someday.

Your Roomie,
George

17th Annual SMIIR T Rugby Tournament
Saturday, September 23 Games begin at 9:00
Final game at 4:30
Trophy presentation at 6:00

Games at Frat Row

Dear Richard,

(you know who you are!) I'm terrified!

Signed,
John

P.S. I sent you a blouse.

Kappa Dazzling!

Ram-woman, Gecko, refine J & Froggie,

So when's the party, guys? Ram-woman needs to get the tolerance up or LOSE!

George

To the members of IHMC:

Elections next week.

Signed,

A concerned member

Chi O Pledges

You're the greatest!

Tom,

You are a trader!

Partner in Crime

Lisa M.,

You are the best!

ZLAM - YBBS

Supersonic-

How long has it been - six weeks?

-Social

Spencer,

Come on over, no balloons, I promise!

A.

Missy (the great XQ football player),

Nice Butt-Dude!

Hey Zeta-

You're HOT!!

Dave,

Save me, I'm being dumped on with paper work!

Hacker

Cindy B.

Find any REAL men lately?

LICO,
Your Roomie

SigEps, TKE & SigNus,

Thanks for partying with us.

Alpha Xi Delta

Heifer,

I know the past few weeks have been rough. But I'm always here for you. I wish you luck as president of the IHM club, and just remember that there are flowers out there somewhere. We just have to keep looking. So let's party this weekend.

Love,
(Spook)

Triangle Legs & triangle Head,

My room is clean.

Bushy Head

Bob,

You are everywhere! Thanks for the thought.

Nikki

Les,

Congrats on being our homecoming candidate.

A Zeta

see Classifieds, page 9

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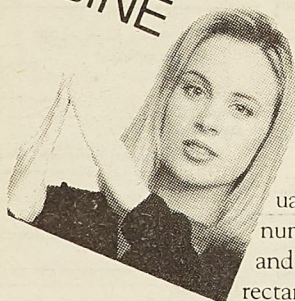
October 3rd at 8 pm
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Tickets will be on sale in front of UMR
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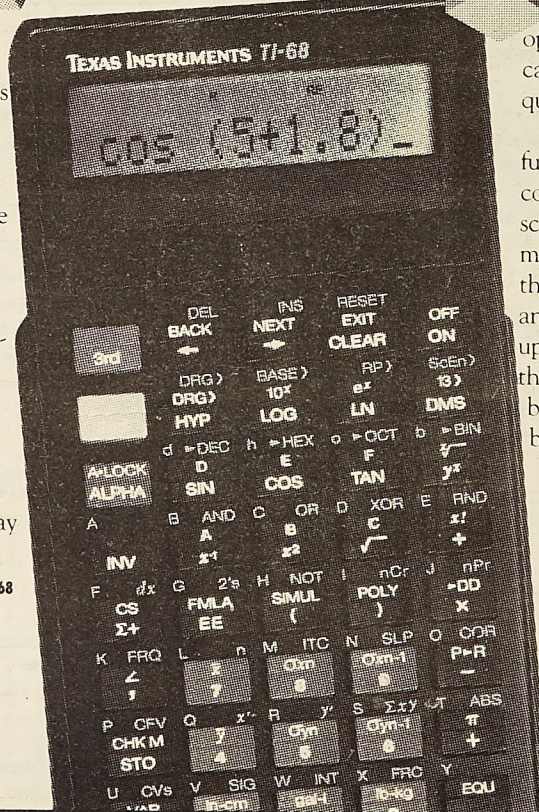
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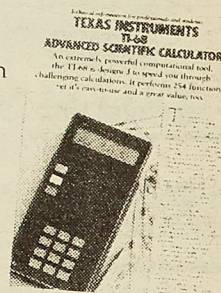
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TEXAS
INSTRUMENTS

Classifieds

from page 7

Karen & Missy,
Pre-party before Hayride-Get Psyched!
Amy

Slash,
No you are the Big Dumb!
Bud

Rob & Dan,
Sorry, the white shorts won't come out
until next summer!
Me

Matt L,
I'm tired of hiding my messages! You
find them anyway! I hope that you two (the
ones that are never apart) are basing your
relationship on a solid friendship backed by
good communication so that all your problems
will be solved. Good luck with your studies
(both of them).
Frustrated

Angels,
Hope to work together with you a lot this
year. Let's have an awesome semester!

Cindy B.,
You're the Best Little Sis! And OK
Buddy!
Amy

Susan J.-
You'll make a great addition to our family!
ZLAM-your grandma

No.1 & no.2,
From what we've heard, we avoided
having to get our shots.
1801

Kevin E.,
You're a great lil' bro.
Sherry

Jackye W.,
You're the coolest little sis!

Hey IIKA's,
How about that early morning picnic on
the front lawn?

Karla C.,
You are a great roomie and friend-thanks
for all your support!
ZLAM-Jennifer

Kay-dees,
Wasn't Boat Cruise a blast!!

Tony & Anthony,
Thanks for an awesome Boat Cruise! You
guys are great!
Chelle & Kel

Jon,
I just wanted to say hello! Don't forget
you're welcome anytime to come over and
slam some suds!
LICO,
YBS

Angels,
It's great to have you back! Another great
semester is upon us.
Arnold

KA Derby Days Coaches-
Thanks for all your support-you guys are
#1!
Love in KA

I think little bunny foo-foos friend!

Flem-
The Outfit-love it! (Ha,Ha)
ZLAM-Jennifer

Tricia,
Clue #4: Roses are red, violets are blue,
angels love heaven, and KA's are cool!
Your big sis,
??

Amy & Karen & Missy,
Thankx for the party!
XQ & the New Is

Angel Flight Commander,
Think you can keep you desk clean long
enough to have a Commander's Office Party?
I doubt it!
AAS Commander

Sherry,
Thanks for being such a great big sis!
You're the best! And congrats on making KA
shine so bright during Derby Days! You're a
greek Queen!
Love in A.O.T.,
Your lil sis

Amy G.
I think you are super! Don't worry about
school-no more stressheads allowed! Thanks
for everything!
ZLAM-YABS

Did you know
that the Rifle Team has the best winning
record on campus and it is planned to be cut.
Any opinions? Let StuCo or the Miner know!

Great Job Kappa Delta-
First place in soronities in Derby Days!

The new initiates of Chi Omega
would like to thank the men of Sigma Pi
for the party in their honor.

Toan,
Please come back soon. School stinks.
Hacker

Anne & Angela,
You two are the greatest family!
Love YBS & Grandma

Doughnuts and screwdrivers at IIKA
beat Wheaties anyway!
KA love

Chris,
Need a Shower?

Anne,
The days of summer are gon but good
times will return. Hang on to the memories it
makes the semester move faster.
YBS

ICHFILWY
Elvis

Quent,
I've been dying to ask you this question...
do monkeys have ears? Yes they do, maybe
you should get out a National Geographic
magazine and educate yourself.
Missy

Angel Flight,
The name of your organization implies that
you like to fly! I sure do! I hope you all "fly
off to a great start!"
Aviatr

Kelley,
I'm really sorry more can't be you M.D.

Stacy-
What an aura!

Hey Skitz,
Did the flaming undies ever get replaced?
Just checking.
Snarmy

Susan & Lori,
You guys are the coolest roommates!
Flem

Ann-
Way to go ΣΠ !
-Jungle Tempress

Elvis is alive and well!
AxL

Angels,
Welcome back! Pleadge Angel!
AAS Pledge Trainer

Suzu-T.
I'm sure you won't mind going with a fish!
ZLAM,
Flem

KA Pledges-
String Days a-comin!

ATTN Caterpillar Coops:
12:30 pm Cavem every Friday! Buritos &
Beer

Jane,
Quite the awesome woman! (and terrific
big sis!)
AOT

Tim-
Didn't anyone ever tell you it's rude to call
people at 6:30 in the morning.
Nancy

Angels,
Welcome back! Get psyched for a great
year!

Christina,
Welcome to the family!!
ZLAM,
YBS

KA,
Thanks for all your support!
XQ

K Hoff-
What did happen when you were 13?
Kimmy

Renee,
Congrats on your great little sis!
ZLAM,
YBS

P.S. You're doing a great job as Q.B.

Todd-
We're great party planners but next time
maybe we should try 6:15 PM!
Nancy

Angels,
Welcome back! I'm looking forward to
seeing all y'all again. Let's have a great year!
\$\$

Deanna,
Barney is going to be a great MD!
Flem

Nin,
At pledge - Sr. tea, are we gonna repeat the
dill - dip incident?
Kimmy

The cool wing,
Get ready for the Car & Pizza!
ZLAM,
Flem

Heather,
You are a very quick learner!
Vince

Angels,
Looking forward to a great year. Last year
was fun and I anticipate another good party at
Heaven's Gate (that brick house).
T-41 Driver

D.K.D.
This is war!

ZLAM
SFL

Hey Sigma Pi-
Thanks for the serenade! Your vocal
talents astounded us. Hope you enjoyed your
composite!
KA love

Barb,
Next time you block a girl, don't use your
head.
The team

Chi O,
Thanks for the BBQ - maybe next time
we'll mingle.
Sig Tau

Schon,
Glad you're back.
Love in AOT,
U.B sr.

Angels,
Well iis great have y'all around again.
You had a great party after the float trip.
Looking forward to having a great semester.
P.U.D.

Emmy,
Need a sure fire way to get in his what?
We love you,
S&K

Les-
We think you are the coolest candidate!
Visit us more often-don't call-let your feet do
the walking, not your fingers!
ZLAM-K&J

C,
Thank you for the wonderful weekend (and
the flowers).
XOXO,
S

To the Campus Crusade for Cthulhu,
Where do I sign up?
Azathoth

Mike H.
No more Westerhaus! You're just
petrified.
L. Godiva

Todd,
Your brothers are even more obnoxious!
Signed,
The females of UMR

Julie,
I will always remember you!
YBNF,
Skid Row

Harry,
Quit sleeping in the library!
Flem

Spaghetti Chef-
No, no, I should be thanking you. (What a
Boat Cruise!)
-Kathy

To the men of ΣΠ,
Thanks for the great TGIF.
The Ladies of ZTA

Angels,
What did you think about Operation:
Trash Pit? Looked like a success to me! Be
careful, lightning never strikes the same place
twice, but I do!!
CC/AnFL

Jeffy & Gene,
Sorry guys but no more of the silly games
with the ball attached to a paddle and the baby
frisbees.
Roomie

Lori,
We are not going to tell you, So STOP
asking!
ZLAM,
Flem & Turner

SPI AH Games

D&D Supplies

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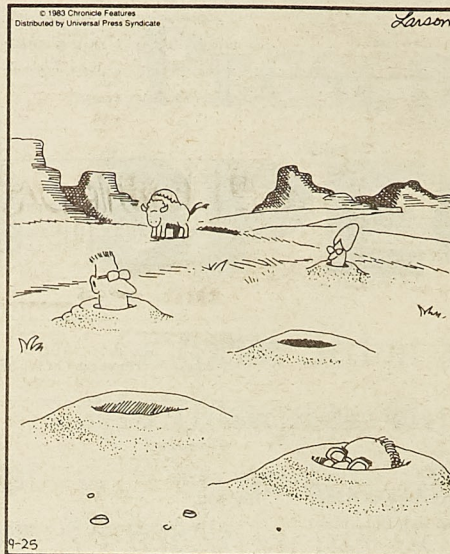
Includes: Potato, toast,
salad & hot food bar, and drink.

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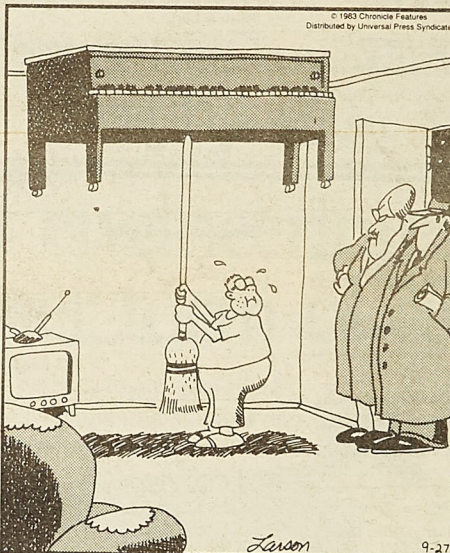
Open: Sun-Thurs 11 am-10 pm
Fri-Sat 11 am-11 pm

THE FAR SIDE THE FAR SIDE THE FAR SIDE THE FAR SIDE

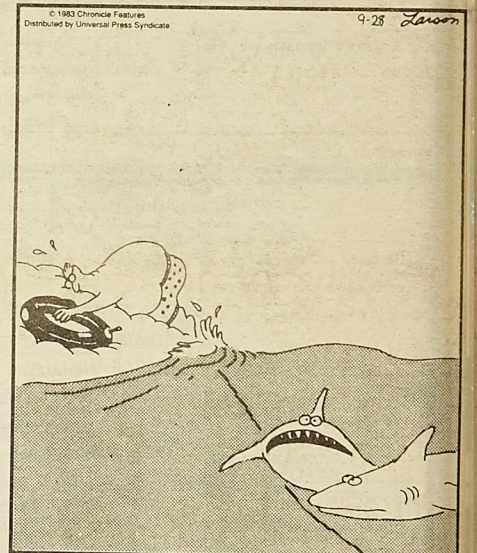
By GARY LARSON



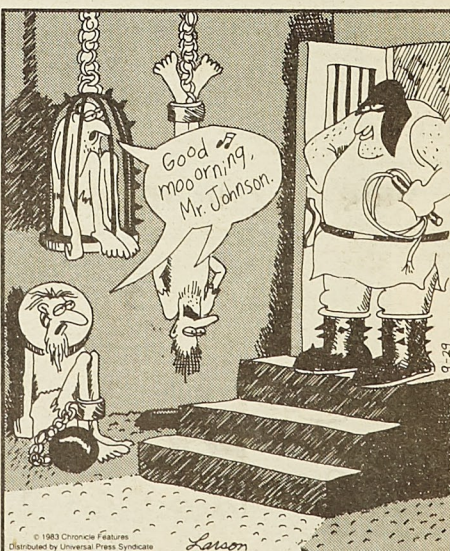
The rare and timid prairie people



"So, Billy! Seems your father and I can never leave without you getting yourself into some kind of trouble!"



"He was magnificent! Just magnificent! And I almost had him! ... I can't talk about it right now."



"This is your side of the family, you realize."



Mother Goose & Grimm

by Mike Peters

BOY, OH, BOY... THIS IS REALLY FUN, LIVING IN THE FOREST.

I CAN GO ANYWHERE I WANT TO GO, DO ANYTHING I WANT TO DO...

AND EAT FROM THE FOUR BASIC FOOD GROUPS...

"FLYING, CRAWLING, SLITHERING AND HOPPING."

IF I DON'T EAT SOMETHING SOON I'LL STARVE, BUT THE ONLY THING I CAN CATCH ARE WORMS.

FAT, SLIMY, DISGUSTING WORMS... HOW CAN BIRDS SWALLOW THESE THINGS WITHOUT GAGGING?

SAY... DO YOU HAVE ANY GREY POUPON?

9-19

I'M NOT AFRAID OF BEING OUT HERE AT NIGHT.

SLEEPING IN THE WOODS IS JUST LIKE SLEEPING AT HOME...

"EXCEPT WITH YOUR EYES OPEN."

WHY AM I HAVING SUCH A HARD TIME FINDING SOMETHING TO EAT?

LOTS OF ANIMALS SURVIVE IN THE WOODS. THERE'S MORE THAN ENOUGH FOOD.

YOU'VE JUST GOT TO KNOW WHERE TO LOOK.

LET'S SEE... WHERE'S THE TREE THAT GROWS RICE CRISPY SQUARES?

LOBO, THE JUNGLE WOLF HID IN THE BUSHES FOR HIS UNSUSPECTING PREY. SUDDENLY HIS HAWK-LIKE EYES SPOTTED A FIELD MOUSE.

INSTANTLY, WITH MUSCLES LIKE TEMPERED STEEL, HE POUNCED UPON HIS VICTIM...

BONK!

BUT THEN LOBO GAVE HIM C.P.R. AND PROMISED TO TAKE HIM TO THE CIRCUS IF HE GOT BETTER.

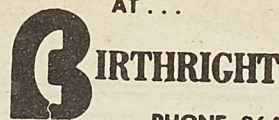
HELLO... I'M BACK! IT'S GREAT TO BE BACK HOME.

GEE, I DIDN'T REALIZE HOW MUCH I'VE MISSED EVERYTHING... HELLO, DOOR KNOB...

HELLO, FLOWER POT... HELLO, LAMP SHADE...

HELLO, POND SCUM.

YOU HAVE FRIENDS WHO CARE AT...

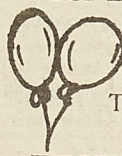


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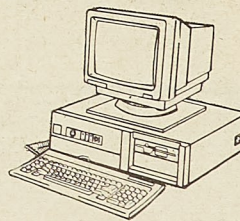
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UMR STUDENTS

HELPFUL HINTS #3



HOW TO COMBAT BOREDOM

O.K. School's been going on for a while now and you're pretty much into a routine. You can't concentrate while you study. Mentally all you can conjure up is a picture of The Bridge on the River Kwai in another country. Did I say country?

WELL, Try ARBY'S® New Country Fried Steak Sandwiches

DELUXE COUNTRY FRIED STEAK - (lettuce, Tomato, Mayonaise)
OR

Country Fried Steak 'N Cheddar (sauteed onions, cheddar cheese sauce)

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We are doing our part - you do yours! Use these coupons.

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One Boredom Relieving
Country Fried
STEAK 'N CHEDDAR

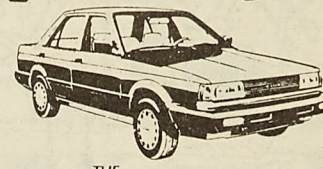
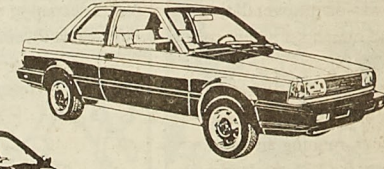
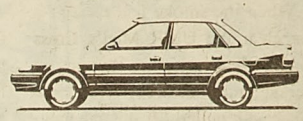
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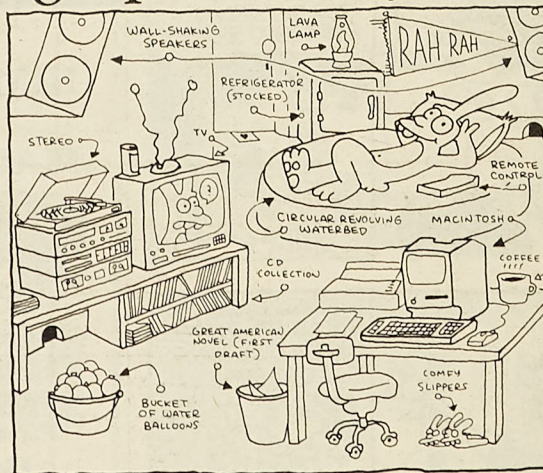
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If you can find a Macintosh in this room, we might put one in yours. Free.



In what will surely be the easiest test of your intellect this term, Apple invites you to try winning a free Apple® Macintosh® Plus personal computer merely by finding it in this drawing.

We'll even give you a hint: It's not the table, the lamp, or the chair.

Now you're on your own.

To register, look for contest details where Macintosh computers are sold on your campus. Oh, all right, we'll give you a hint for that, too: Look at the bottom of this ad.

But do it really, really fast. Because only one Macintosh is being given away on this campus, and it's going to happen soon.

Soon, as in right away. Pronto. Quick-like.

But hey, you can take a hint



Somebody's going to win a free Macintosh.
Enter August 23rd - September 23rd
DataPro Computer

1024 South Bishop, Rolla, MO 65401

364-0035

Sports

Rolla beats Columbia

By Buck Simpson
Staff Writer

When the smoke had cleared it was clear the UMR Men's Cross Country Team was hot. Running an average race effort overall, the Miner men pulled off the unbelievable beating Mizzou last Saturday 49 to 51 for second place in the Columbia Invitational. Northern Iowa won the overall trophy, as their lead runner set a new course record of 26:18.

Junior Tim Bauer led the Miner "Young Guns" again this week. Bauer, running an outstanding race, went out with the leaders and never

looked back as he set a new personal best of 26:54 on the hilly course. This effort was good enough for third place overall, ten seconds behind Mizzou's lead runner Andy Prater. Next to cross the line were freshman Robbie Vanderwall and Steve Hostetter in seventh and tenth place. Both of these efforts were solid enough to defeat the Tigers second and third man. Sophomore Eric Powers and junior John Conrad stopped the clock next in fourteenth and fifteenth place respectively, closing out the top five and giving UMR their second place finish.

Coach Dewey Allgood believes

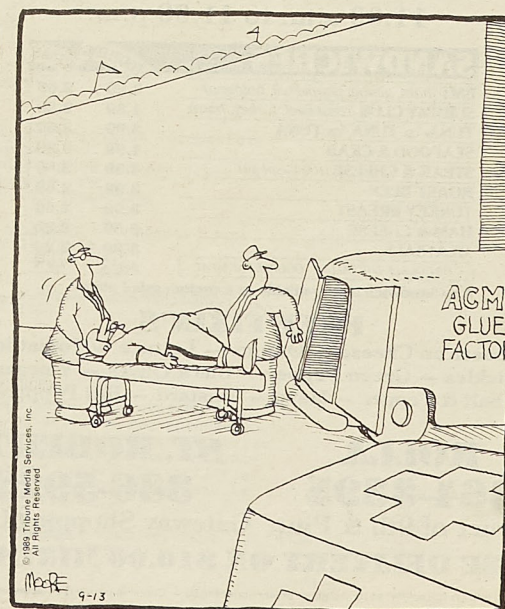
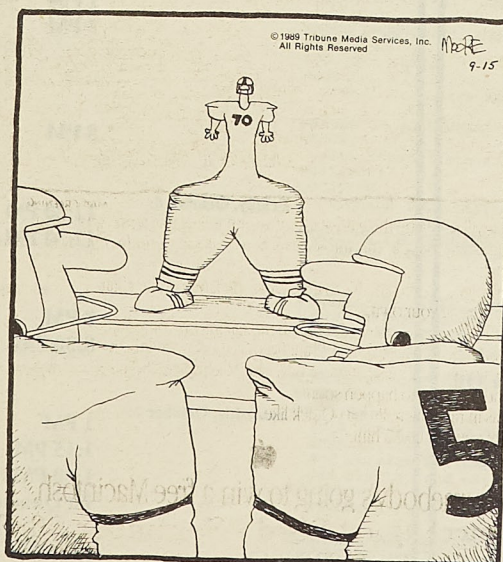
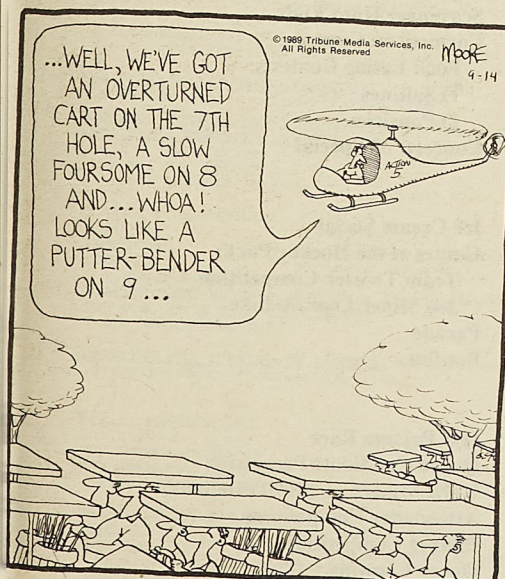
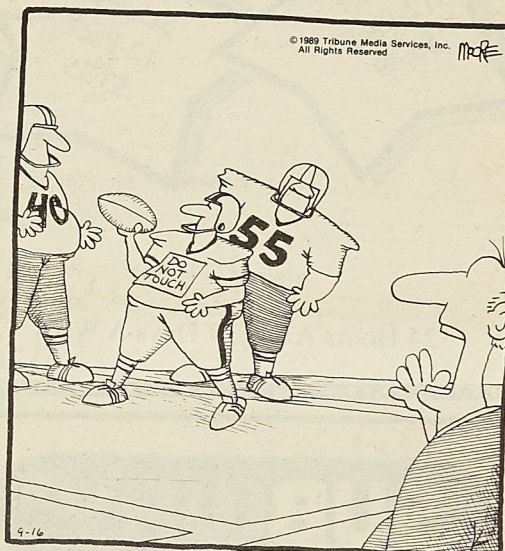
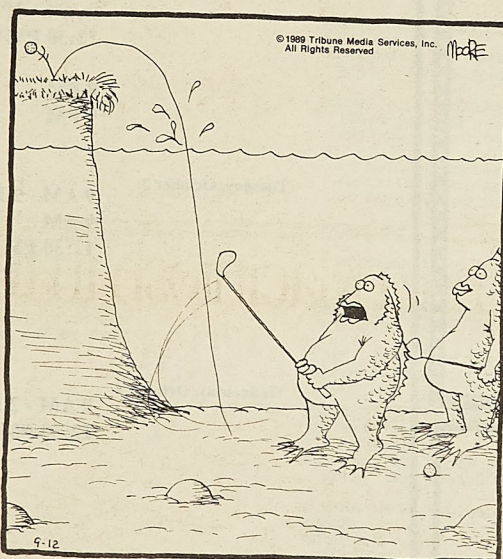
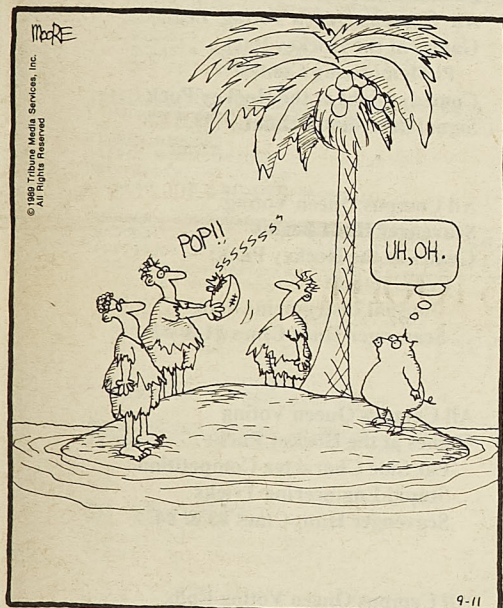
his team is definitely now a contender in the MIAA. If the freshman duo of Hostetter and Vanderwall can continue to improve and junior John Conrad can return to his blazing racing style of his freshman year. The UMR "Young Guns" will be a team to deal with, the Miner's Cross Country Team has the next week off and will bear down in preparation for the annual Miner Invitational Saturday September 30th at the UMR Golf Course. Make your plans now to come out and support the Miners.

Summary of Home Sporting Events September 20-27

Sport	Date	Opponent	Time
<u>Men's Soccer</u>	9-19	Fontbonne	7:00 PM
	9-23	Northeast	7:00 PM
	9-26	McKendree	7:00 PM
<u>Women's Soccer</u>	9-23	SIU-Edv.	2:00 PM

Admission FREE with Student I.D.

IN THE BLEACHERS by Steve Moore



Golf course gridlock

"You hit him low, I'll hit him high ..."

Nobuko's
details make the difference
HAIR BOUTIQUE
across from TJ Hall 341-3800

USA CONVENIENCE MALL
1601 N. Bishop Rolla 364-0077

Miller 12-Pack \$5.49
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11:00 a.m. to 11:00 p.m.

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BMT (ham, genoa, pepperoni, bologna)		3.99	2.69
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TO DOUBLE THE VALUE... DOUBLE THE MEAT		Add \$2	Add \$1

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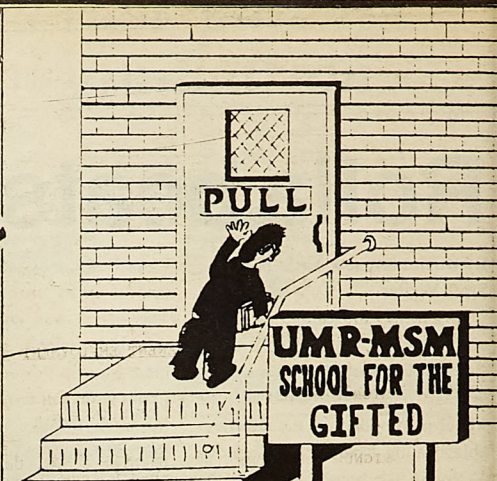
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HOMEcoming 1989 THE FARTHER SIDE OF UMR



Homecoming Schedule - 1989 Theme: The Farther Side of UMR

Monday, October 2:	9 AM 9 AM - 2PM 12:30 PM 8 PM 9 PM	Banner Competition on Campus All Campus Queen Voting Begins Games at the Hockey Puck: Pi Memorizing Contest Comedy Night at the Hockey Puck Signal the Alumni Home
Tuesday, October 3:	9 AM - 2 PM 9 AM 12:30 PM	All Campus Queen Voting Scavenger Hunt Begins Games at the Hockey Puck: Egg Catapult Unusual Instruments Song Scavenger Hunt Clues #1 & #2
Wednesday, October 4:	9 AM - 2 PM 12:30 PM	All Campus Queen Voting Games at the Hockey Puck: Far Side Character Competition Stupid Engineering Tricks Scavenger Hunt Clues #3 & #4
Thursday, October 5:	9 AM - 2 PM 11 AM Noon - 2 PM 1 PM 2 PM 8 PM	All Campus Queen Voting Ends Bake-Off Varsity Athlete Reception Scavenger Hunt Ends Carnival on Campus: Food Eating Contests: 1) Saltines 2) Popsicles Concert: 38 Special
Friday, October 6:	12:30 PM 12:30 PM 8 PM 8:30 PM	Ice Cream Social Games at the Hockey Puck: Team Twister Competition Joe Miner Look-A-Like Parade Bonfire
Saturday, October 7:	1 PM 1:15 PM 1:30 PM 1st Quarter Halftime	IFC Pajama Race Queen Candidate Procession UMR Miners vs. SEMO Indians Attendance Competition Banner Competition Queen Crowning Marching Miners

Placement

UNIVERSITY OF MISSOURI-ROLLA
PLACEMENT OFFICE
Buehler Building, 9th & Rolla St.

FALL WEEKLY DETAIL LIST #4
WEEK OF OCTOBER 23-27, 1989

PERMANENT EMPLOYMENT

SIGNUP HOURS: 7:45 to 11:30 A.M.
1:00 to 4:15 P.M.

SIGNUP LOCATION: G-5 Buehler Bldg., Use Southeast corner
entrance by Center Bank

PRESCREENED INTERVIEWS

BECHTEL
P.O. Box 2166
Houston, TX 77252
attn: Ms. Lana Meredith

NUMBER OF SCHEDULES: 1
MAJORS: BS/MS CE, ME, ChE
POSITION: Cost Engineer - Collect, analyze, and
report information on quantities and costs of material and
labor.
LOCATION: Houston, TX
DECEMBER 1989 or MAY 1990 GRADS
MUST BE AUTHORIZED TO WORK IN U.S.

DEADLINE FOR TURNING IN RESUMES: Monday, Sept. 25, 1989
INTERVIEW DATE: October 23, 1989

DAMES & MOORE
11960 Westline Ind. Dr., Suite 155,
St. Louis, MO 63146
attn: Mr. Richard Clegg

NUMBER OF SCHEDULES: 1
MAJORS: BS/PE, CE, ChE, Geotechnical/Geology
POSITION: Environmental Field Engineers/
Geologists needed to conduct/manage on-site activities
such as environmental assessments, remedial actions and
soil/water investigations. Extensive travel required.
LOCATION: Project sites are primarily, although
not limited to, the Midwest. Personnel based out of St.
Louis office.

2.5 G.P.A. REQUIRED
RECENT GRADS, DEC. 1989 GRADS

DEADLINE FOR TURNING IN RESUMES: Monday, Sept. 25, 1989
INTERVIEW DATE: October 23, 1989

DOW CORNING COMPANY
P.O. Box 994
Midland, MI 48686-0994
attn: Mr. Dan Latal

NUMBER OF SCHEDULES: 1 ea day, Oct. 23-24
MAJORS: BS/ChE, ME, EE (power distribution)
POSITION: Process Engineering, Project Develop-
ment, Power Dist., Plant Eng., Tech.
Services Dev.
LOCATION: Midland, MI; Carrollton, KY
2.75 G.P.A. REQUIRED
DECEMBER 1989, MAY 1990 GRADS
U.S. CITIZENSHIP OR PERMANENT RESIDENT VISA REQUIRED

DEADLINE FOR TURNING IN RESUMES: Monday, Sept. 25, 1989
INTERVIEW DATE: October 23-24, 1989

JOHNSON CONTROLS-CONTROLS GROUP
SYSTEMS & SERVICES DIVISION
3021 W. Bend Drive
Irving, TX 75063
attn: Ms. Jo Persons

NUMBER OF SCHEDULES: 1
MAJORS: BS/ME, EE
POSITION: Technical Sales Representative
LOCATION: Southwest Region
2.8 G.P.A. REQUIRED
APPLICANTS MUST BE PRESENTLY AUTHORIZED TO WORK IN
THE U.S. ON A FULL TIME BASIS
DECEMBER 1989 GRADS

DEADLINE FOR TURNING IN RESUMES: Monday, Sept. 25, 1989
INTERVIEW DATE: October 23, 1989

ROY F. WESTON, INC.
Suite 101
100 Corporate North
Bannockburn, IL 60015
attn: Mr. Jim Burton

NUMBER OF SCHEDULES: 1
MAJORS: BS/MS Geol., CE, ChE
POSITION: Project Engineer to work in the
hazardous waste engineering group
LOCATION: Bannockburn, IL
recent grads, DEC. 1989, MAY, JULY 1990 GRADS
2.5 G.P.A. REQUIRED
U.S. CITIZENSHIP REQUIRED

DEADLINE FOR TURNING IN RESUMES: Monday, Sept. 25, 1989
INTERVIEW DATE: October 23, 1989

LAW ENGINEERING INC.
396 Plasters Ave. N.E.
Atlanta, GA 30324
attn: Mr. Charles Ferry

NUMBER OF SCHEDULES: 1
MAJORS: BS/MS CE and Geol. Eng.
POSITION: Staff level positions in geotech.
& construction materials evaluation
LOCATION: Southeast & Southwest U.S.
DECEMBER 1989, MAY 1990 GRADS
2.2 G.P.A. REQUIRED
DEADLINE FOR TURNING IN RESUMES: Monday, Sept. 25, 1989
INTERVIEW DATE: October 23, 1989
ROGERS GROUP, INC.
P.O. Box 25250
Nashville, TN 37202
attn: Mr. Kye Hudson

NUMBER OF SCHEDULES: 1
MAJORS: BS/CE, Mining, Geological Eng.
POSITION: Operations Management Trainee (ro-
tating assignments in: Engineering, Aggregates,
construction, Marketing leading to placement in
Operations Management)
LOCATION: Nashville, TN; Louisville, KY;
Bloomington, IN
MAY 1990 GRADS
3.0 G.P.A. REQUIRED
U.S. CITIZENSHIP REQUIRED

DEADLINE FOR TURNING IN RESUMES: Monday, Sept. 25, 1989
INTERVIEW DATE: October 23, 1989

ALUMINUM COMPANY OF AMERICA (ALCOA)
P.O. Box 3567
Davenport, IA 52808
attn: Ms. Judy Shook

NUMBER OF SCHEDULES: 1-BS/MS EE: Areas including:
Plant process control systems, process computer control
and new technology design and implementation.
1-BS/MS ME: Associate Engineer
in main production area.
(Detailed job descriptions will be available at time
of signing for interview.)

LOCATION: Nationwide

DECEMBER 1989, MAY 1990 GRADS
U.S. CITIZENSHIP OR PERMANENT RESIDENT VISA REQUIRED

DEADLINE FOR TURNING IN RESUMES: Tuesday, Sept. 26, 1989
INTERVIEW DATE: October 24, 1989

NOTE: STUDENTS INTERVIEWING WITH ALCOA MUST BRING COPY
OF THEIR TRANSCRIPT, OFFICIAL OR UNOFFICIAL, TO THEIR
INTERVIEW.

AMOCO PRODUCTION COMPANY
501 Westlake Park Blvd.
P.O. Box 3092
Houston, TX 77253
attn: Ms. Elaine Cyphers

NUMBER OF SCHEDULES: 2 ea day, Oct. 24, 25
MAJORS: BS/ChE, ME, PE, Geol. Eng., EE
LOCATION: Houston, TX
DECEMBER 1989, MAY, JULY 1990 GRADS
2.5 G.P.A. REQUIRED
SHOULD BE LEGALLY AUTHORIZED TO BE EMPLOYED IN THE
U.S. AS SET FORTH IN THE IMMIGRATION REFORM & CONTROL
ACT OF 1986. INCLUDE SS# IN UPPER CORNER OF RESUME.

DEADLINE FOR TURNING IN RESUMES: Tuesday, Sept. 26, 1989
INTERVIEW DATES: October 24, 25, 1989

AMOCO PRODUCTION COMPANY
Room 4.150
P.O. Box 3092
Houston, TX 77253
attn: Mr. Jerry Adams

NUMBER OF SCHEDULES: 1
MAJORS: BS/MS/Geophysics (or geology
with strong Math & Physics)
POSITION: Description not available at this time.
LOCATION: Houston, TX
DECEMBER 1989, MAY OR JULY 1990 GRADS

DEADLINE FOR TURNING IN RESUMES: Wednesday, Sept. 27, 1989
INTERVIEW DATE: October 25, 1989

CONOCO, INC./CORP. ENGR. & REFINING NORTH AMERICA
600 N. Dairy Ashford, MA 1105
Houston, TX 77079
attn: Ms. Paula Martin

NUMBER OF SCHEDULES: 2 ea day, Oct. 24, 25
MAJORS: BS/MS ChE, ME
POSITION: Work involves providing the
full range of engineering services and technical
support for new projects and for existing domestic
and foreign refineries, chemical plants, natural
gas plants, and oil and gas production facilities.
LOCATION: Ponca City, OK; Lake Charles, LA
DECEMBER 1989, MAY, JULY 1990 GRADS

DEADLINE FOR TURNING IN RESUMES: Tuesday, Sept. 26, 1989
INTERVIEW DATE: October 24, 25, 1989

CONTECH, INC.
1001 Grove St.
Middletown, OH 45042
attn: Mr. Bill Lenox

NUMBER OF SCHEDULES: 1
MAJORS: BS CE
POSITION: Sales Engineer. Some experience in Construction & Marketing is preferred. Promotion of steel and plastic products to serve a broad range of construction activities.
LOCATION: various U.S.A.
DECEMBER 1989 GRADS
2.5 G.P.A.
U.S. CITIZENSHIP REQUIRED

DEADLINE FOR TURNING IN RESUMES: Tuesday, Sept. 26, 1989
INTERVIEW DATE: October 24, 1989

EXXON, INC.
P.O. Box 2283
Houston, TX 77251-2283
attn: Ms. Patsy Shockley

NUMBER OF SCHEDULES: 2 ea day, Oct. 24, 25
MAJORS: BS/MS ChE, ME, PE, Geol. Eng., Mining Eng.
POSITION: Engineering assignments in production, marketing, refining, chemical operations, manufacturing systems, and R&D.
LOCATION: Nationwide - predominately TX, LA, & NJ
DECEMBER 1989, MAY, JULY 1990 GRADS
CITIZENSHIP REQUIREMENTS ARE IN ACCORDANCE WITH THE IMMIGRATION REFORM & CONTROL ACT OF 1986.
PREFER GPA of "B" OR ABOVE

DEADLINE FOR TURNING IN RESUMES: Tuesday, Sept. 26, 1989
INTERVIEW DATES: October 24, 25, 1989

STUDENTS SHOULD BRING COMPLETED EXXON APPLICATION AND COPY OF TRANSCRIPT(S) TO INTERVIEW.

KENNECOTT
P.O. Box 11248
Salt Lake City, UT 84147
attn: Mr. Ron Skaer

NUMBER OF SCHEDULES: 1
MAJORS: BS/MetE or Mining Eng.
POSITION: (Description is not available at this time.)
LOCATION: Salt Lake City, UT
RECENT GRADS, DECEMBER 1989 OR MAY 1990 GRADS
3.0 G.P.A. REQUIRED
U.S. CITIZENSHIP REQUIRED

DEADLINE FOR TURNING IN RESUMES: Tuesday, Sept. 26, 1989
INTERVIEW DATE: October 24, 1989

NATIONAL STEEL-GRANITE CITY STEEL DIV.
20th & State
Granite City, IL 62040
attn: Mr. David Smith

NUMBER OF SCHEDULES: 3
MAJORS: BS/MetE, ME, EE, Eng. Mgt., ChE
POSITION: Management Associate
LOCATION: Granite City, IL
MUST HAVE LEGAL AUTHORIZATION TO WORK IN THE U.S.
DECEMBER 1989 or MAY 1990 GRADS

DEADLINE FOR TURNING IN RESUMES: Tuesday, Sept. 26, 1989
INTERVIEW DATE: October 24, 1989

TEXAS INSTRUMENTS, INC.
SEMICONDUCTOR SALES GROUP
P.O. Box 655474, MS 67
Dallas, TX 75265
attn: Mr. Carl Burrow

NUMBER OF SCHEDULES: 1
MAJORS: BS/MS EE or CS with hardware background
POSITION: MBA with EE or CS undergrad
Technical Sales Associate, with first assignment as a design, applications, or product engineer
LOCATION: Nationwide
DECEMBER 1989, MAY 1990 GRADS
3.0 G.P.A. PREFERRED
APPLICANTS MUST BE PRESENTLY AUTHORIZED TO WORK FULL TIME IN THE U.S. INTERVIEW APPOINTMENTS WILL NOT BE GRANTED TO INDIVIDUALS PRESENTLY POSSESSING OR WHO ARE ELIGIBLE FOR PRACTICAL TRAINING AUTHORIZATION ONLY.

DEADLINE FOR TURNING IN RESUMES: Tuesday, Sept. 26, 1989
INTERVIEW DATE: October 25, 1989

NORTHERN ILLINOIS GAS
P.O. Box 190
Aurora, IL 60507-0190
attn: Mr. Eric Cannon

NUMBER OF SCHEDULES: 1 ea day, Oct. 25-26, 1989
MAJORS: BS/CE, ME, PE, or Eng. Mgt.
POSITION: Engineering: initial experience is usually gained through work in Aquifer, System & Development

LOCATION: Naperville, IL
DECEMBER 1989 GRADS
2.0 G.P.A.
PERMANENT RESIDENT VISA REQUIRED

DEADLINE FOR TURNING IN RESUMES: Wednesday, Sept. 27, 1989
INTERVIEW DATE: October 25, 26, 1989

ALLIED SIGNAL CORPORATION
P.O. Box 419159
Kansas City, MO 64141-6159
attn: Ms. Darlene Adkison

NUMBER OF SCHEDULES: 1
MAJORS: BS/MS EE, ME; BS/MetE, Comp.Sci., ChE
POSITION: BS/ChE, BS/Chemistry
Engineering, Computer Science, Chemists
LOCATION: Kansas City Div., Kansas City, MO
DECEMBER 1989, MAY, JULY 1990 GRADS
U.S. CITIZENSHIP REQUIRED
2.5 G.P.A. REQUIRED

DEADLINE FOR TURNING IN RESUME: Wednesday, Sept. 27, 1989
INTERVIEW DATES: October 25, 26, 1989

OLIN CORPORATION
427 N. Shamrock Street
College Relations Department
East Alton, IL 62024
attn: Ms. Cheryl Bednar

NUMBER OF SCHEDULES: 1-BS ChE
1-BS/ME, BS/MetE
POSITIONS: Various -- Will have available at time of resume deadline.
LOCATION: Various
DECEMBER 1989, MAY 1990 GRADS
PREFER "B" G.P.A.
U.S. CITIZENSHIP OR INDIVIDUALS PRESENTLY AUTHORIZED TO WORK IN THE U.S. ON A FULL-TIME BASIS.

DEADLINE FOR TURNING IN RESUMES: Wednesday, Sept. 27, 1989
INTERVIEW DATE: October 25, 1989

U.S. DEPT. OF COMMERCE P&T
One Crystal Park-Suite 700
Washington, D.C. 20231
attn: Mr. Robin Davis

NUMBER OF SCHEDULES: 1
MAJORS: Phys. Science, Life Science, Engineers: ME, EE, ChE
POSITION: Patent Examiner
LOCATION: Arlington, VA
DECEMBER 1989 GRADS
U.S. CITIZENSHIP REQUIRED
2.9 G.P.A. REQUIRED

DEADLINE FOR TURNING IN RESUMES: Wednesday, Sept. 27, 1989
INTERVIEW DATE: October 25, 1989

UNITED MCGILL
One Mission Park
Grovesport, OH 43125
attn: Ms. Elizabeth Arnold

NUMBER OF SCHEDULES: 1
MAJORS: BS/ME
POSITION: Sales Engineer
LOCATION: Nationwide
DECEMBER 1989, MAY 1990 GRADS
MUST HAVE PERMANENT RESIDENCY
2.5 G.P.A. REQUIRED

DEADLINE FOR TURNING IN RESUMES: Wednesday, Sept. 27, 1989
INTERVIEW DATE: October 25, 1989

SHELL OIL COMPANY
P.O. Box 2463
Houston, TX 77001
attn: Mr. N.J. Moore

NUMBER OF SCHEDULES: 2 ea day, Oct. 25-26, 1989
MAJORS: BS/MS ME, ChE, GeolE, MiningE, PE, Comp Sci
POSITION: Descriptions to be available at a later date.
LOCATION: Various
DECEMBER 1989, MAY 1990 GRADS
WILL NOT ACCEPT STUDENT VISAS
2.8 AND ABOVE G.P.A. REQUIRED

DEADLINE FOR TURNING IN RESUMES: Wednesday, Sept. 27, 1989
INTERVIEW DATES: October 25-26, 1989

NONPRESCREENED INTERVIEWS

EXXON, INC.
P.O. Box 2283
Houston, TX 77251-2283
attn: Ms. Patsy Shockley

NUMBER OF SCHEDULES: 1 ea day, Oct. 24-25, 1989
MAJORS: BS/MS ChE, ME, PE, Geol. or Mining Eng.
POSITION: Engineering assignments in production, marketing, refining, chemical operations, manufacturing, systems, and R&D.
LOCATION: Nationwide - predominately TX, LA, and New Jersey
DECEMBER 1989, MAY, JULY 1990 GRADS
EXXON WILL INTERVIEW AND CONSIDER FOR EMPLOYMENT ONLY CANDIDATES THAT COMPLY WITH THE IMMIGRATION REFORM AND CONTROL ACT OF 1986.
PREFER "B" AVERAGE OR ABOVE

INTERVIEW SIGNUP DATE: Tuesday, Oct. 10, 1989
INTERVIEW DATES: October 24-25, 1989

STUDENTS SHOULD BRING COMPLETED EXXON APPLICATION AND COPY OF TRANSCRIPTS TO INTERVIEW.

Note: Exxon will have both prescreened & nonprescreened interviews.

THE FOLLOWING COMPANY WILL BE INTERVIEWING ON OCT. 26, 1989:

HALLMARK CARDS, INC.
P.O. Box 419580
Kansas City, MO 64141-6580
attn: Ms. Lori Watson

NUMBER OF SCHEDULES: 1
MAJORS: BS/MS Eng. Mgt. or ME
POSITION: Section Manager of Production Eng.
LOCATION: Kansas City, MO or Kansas location
DECEMBER 1989, MAY 1990 GRADS
MUST COMPLY WITH 1986 IMMIGRATION REFORM & CONTROL ACT.
3.0 G.P.A. REQUIRED

DEADLINE FOR TURNING IN RESUMES: Monday, Sept. 25, 1989
INTERVIEW DATE: October 20, 1989

Co-op Employment

September, 1989

CO-OP EMPLOYMENT

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

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

Interview date: Friday, September 22, 1989

MONSANTO COMPANY (interview openings still available)
St. Louis, Missouri

Interviewing: Preferred Major - C.Sc., E.E.
(will interview 8 C.Sc., and 4 E.E.)

Requirements: 3.0 GPA or above, American Citizenship not required, Academic Level of Applicants: At least 59 number of credit hours completed at the end of the present semester toward BS degree.

Starting Work Date: Spring 1990 Term Jan-June

Sign-up date: Thursday, September 7, 1989

2 schedules - 12 interview times

Monsanto will hold an Orientation on Thurs., Sept. 21 at 3:30 - 5:00 in the Mark Twain Room, Univ. Center. All students interviewing with Monsanto must attend this orientation. You must bring your Monsanto application with you to the orientation.

Interview date: Monday Sept. 25, 1989

BROWN SHOE COMPANY
Work Locations: Steelville, MO, Union, MO, & Caruthersville, MO

Interviewing: Eng.Mgmt., M.E.

Requirements: 2.25 or above, Academic Level of Applicants: At least 60 number of credit hours completed at the end of the present semester toward BS degree

Starting Work Date: Spring, 1990

Sign-up date: Monday, Sept. 11, 1989

1 schedule - 13 interview times

Interview date: Monday, Sept. 25, 1989

DORRIS COMPANY
St. Louis, Missouri

Interviewing: M.E.

Requirements: 2.8 GPA or above, American Citizenship not required. Academic Level of Applicants: At least 50 number of credit hours completed at the end of the present semester toward bs degree.

Sign-up date: Monday, Sept. 11, 1989

Start work date: Spring 90

1 schedule - 10 interview times

Interview date: Tuesday, Sept. 26, 1989

BUSSMANN
St. Louis, Missouri

Interviewing: E.E., M.E., Eng.Mgmt., Physics

Requirements: 2.5 GPA or above, American Citizenship not required, must have completed at least 59 credit hours or above at the end of the present semester.

Sign-up date: Tuesday, Sept. 12, 1989

1 schedule - 13 interview openings

Interview date: Thursday, Sept. 28, 1989

SEMS(Sachs Energy Management Systems)
Chesterfield, Missouri (St. Louis)

Interviewing: M.E., E.E.

Requirements: 3.0 GPA or above, American Citizenship Required. Academic Level of Applicants: At least 30 number of credit hours completed at the end of the present semester toward BS degree.

Starting Work Date: Spring, 1990

Sign-up date: Thurs., Sept. 14, 1989

2 schedules - 26 interview openings

Interview date: Monday, Oct. 2, 1989

ANHEUSER BUSCH
St. Louis, Missouri

Interviewing: Eng.Mgmt.

Requirements: 2.8 GPA or above, Must be completing 4 or 5 semesters toward bs degree.

Sign-up date: Mon., Sept. 18, 1989

6 month term work session, beginning January

1 schedule - 12 interview openings

Interview date: Wednesday, Oct. 4, 1989

PUBLIC SERVICE OF INDIANA
Plainfield, Indiana (Near Indianapolis)

Interviewing: E.E., M.E.

Requirements: 2.7 GPA or above, American Citizenship preferred but not required. Academic Level of Applicants: At least 30 number of credit hours completed at the end of the present semester toward bs degree.

Starting Work Date: Spring 1990

Sign-up date: Wed., Sept. 20, 1989

1 schedule - 12 interview openings

KOCH INDUSTRIES RESEARCH AND DEVELOPMENT
Wichita, Kansas

Interviewing: Ch.E., M.E., Nuc., Pet., Met.E.

Requirements: 3.0 GPA or above, Permanent Resident or US Citizen. Academic Level of Applicants: At least 45 number of credit hours completed at the end of the present semester toward bs degree.

Starting Work Date: Spring 1990

Turn in Resumes: Tuesday, Sept. 26, 1989

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.

Interview date: Tuesday, Oct. 10, 1989

SPARTAN ALUMINUM PRODUCTS
Sparta, Illinois

Interviewing: Eng.Mgmt., M.E.

Requirements: 2.0 GPA or above, American Citizenship Required. Academic Level of Applicants: At least 44 credit hours completed at the end of the present semester toward bs degree.

Starting Work Date: Spring 1990

Sign-up date: Tuesday, Sept. 26, 1989

1/2 schedule - 4 interview times

Interview date: Tuesday, Oct. 10, 1989
Wednesday, Oct. 11, 1989

JOHNSON CONTROLS INC.
Kansas City, Kansas

Interviewing: E.E., M.E.

Requirements: 3.0 GPA or above. Academic Level of Applicants: At least 29 number of credit hours completed at the end of the present semester toward bs degree

Starting Work Date: Spring 1990

Sign-up date: Tuesday, Sept. 26, 1989

1 schedule each day - 24 interview openings

AT&T
Kansas City, Missouri

Interviewing: C.Sc., E.E., Eng.Mgmt.

Requirements: 3.0 GPA or above, American Citizenship required. Academic Level of Applicants: At least 60 number of credit hours completed at the end of the present semester toward bs degree

Starting Work Date: Spring 1990

Turn in Resumes: Wed., Sept. 27, 1989

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.

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.

THE REMAINDER OF THE OCTOBER LIST AND NOVEMBER LIST WILL BE AVAILABLE ON FRIDAY, SEPT. 15.

Please check with the Co-op Office periodically 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.

OCTOBER, 1989

CO-OP EMPLOYMENT

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

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

Burns & McDonnell
Kansas City, Missouri

Interviewing: M.E. for their Nofsinger Division. Nofsinger does chemical, petro and food processing.

Candidates should have completed at least 45-75 hours with an overall gpa of 2.6 or above. Candidates should have good oral and written communication skills and be active in campus organizations.

See Sharon, UMR Co-op Office as soon as possible for further information.

Interview date: Tues., Oct. 3, 1989

AMSTED INDUSTRIES
Work Locations: St. Louis, MO
Keokuk, Iowa
Council Bluffs, Iowa
Chicago, IL

Interviewing: M.E., Met.E., Eng.Mgmt.

Requirements: 2.5 GPA or above, Sophomores or above

Sign-up date: Tues., Sept. 19, 1989

1 schedule - 13 interview openings

Interview date: Thurs., Oct. 5, 1989

SUNNEN PRODUCTS
St. Louis, Missouri

Interviewing: E.E., M.E.

Requirements: 3.0 GPA or above, Must be able to work in the US. Academic Level of applicants: At least 30-59 number of credit hours completed at the end of the present semester toward bs degree

Sign-up date: Thurs., Sept. 21, 1989

1 schedule - 13 interview openings

Interview date: Friday, Oct. 6, 1989

AMERICAN ELECTRIC POWER
Columbus, Ohio

Interviewing: E.E., Geo.E., M.E., Nuc.E.

Requirements: 2.8 GPA or above, Academic level of applicants: at least 30 hours completed at the end of the present semester.

Sign-up date: Friday, Sept. 22, 1989

1 schedule - 13 interview openings

Interview date: Mon., Oct. 16, 1989

ETHYL CORPORATION
Sauget, IL (Near St. Louis)

Interviewing: Ch.E.

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

Sign-up date: Mon., Oct. 9, 1989

1 schedule - 12 interview openings

Interview date: Tues., Oct. 17, 1989

GENERAL ELECTRIC COMPANY
Arkansas City, Kansas

Interviewing: A.E., Ch.E., E.E., M.E., Mgmt.

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

Sign-up date: Mon., Oct. 9, 1989

1 schedule - 12 interview openings

Interview date: Thurs., Oct. 19, 1989

INTERNATIONAL PAPER COMPANY
Kansas City, Kansas

Interviewing: E.E., M.E.

Requirements: 2.5 GPA or above, American Citizenship required. Academic level of applicants: at least 60 number of credit hours completed at the end of the present semester toward bs degree.

Sign-up date: Tuesday, Oct. 10, 1989

1 schedule - 11 interview openings

Wednesday, Oct. 25, 1989

UNION PACIFIC RAILROAD
Omaha, Nebraska

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

Requirements: 2.8 GPA or above, Must be able to work in the US legally. Academic Level of applicants: At least 30-59 number of credit hours completed at the end of the present semester toward bs degree.

Sign-up date: Wed., Oct. 11, 1989

1 schedule - 13 interview openings

Union Pacific will hold an Orientation on Tues., Oct. 24 in the Mark Twain Room. All students interviewing with Union Pacific RR are invited to attend

MONSANTO CHEMICAL COMPANY
Addyston, Ohio

Interviewing: Ch.E., E.E.

Sign-up date: Wed., Oct. 11, 1989

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.

Interview date: Thurs., Oct. 26, 1989

OLIN CORPORATION
E. Alton, Illinois

Interviewing: M.E., Ch.E.

Requirements: will be posted later in the Co-op Office

Sign-up date: Thurs., Oct. 12, 1989

1 schedule - 12 interview openings

IBM CORPORATION
Essex Junction, Vermont

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

Requirements: 3.0 GPA or above, American Citizenship or permanent visa. Academic level of applicants: at least 59 number of credit hours completed at the end of the present semester toward bs degree.

Sign-up date: Tues., Oct. 17, 1989

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.

BETZ INDUSTRIAL
Work Locations: St. Louis, MO and Paducah, KY

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

Requirements: 3.0 GPA or above, American Citizenship required. Academic level of applicants: at least 60-89 number of credit hours completed at the end of the present semester toward bs degree.

Sign-up date: Tues., Oct. 17, 1989

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.

IBM CORPORATION
Boca Raton, Florida

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

Requirements: 3.2 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: Wed., Oct. 18, 1989

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.

Interview date: Wed., Nov. 1, 1989

INTERNATIONAL PAPER
Pine Bluff, Arkansas

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

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

Sign-up date: Wed., Oct. 18, 1989

1 schedule - 12 interview openings

IBM CORPORATION
San Jose, Calif.

Interviewing: C.Sc., E.E., M.E., Eng.Mgmt. Ch.E., English

Requirements: permanent resident

Sign-up date: Thurs., Oct. 19, 1989

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.

IBM CORPORATION
Manassas, Virginia

Interviewing: E.E., C.Sc.

Requirements: None listed.

Detailed job descriptions available in the co-op office.

Sign-up date: Tues., Oct. 24, 1989

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.

WRIGHT PATTERSON AIR FORCE BASE
AERONAUTICAL SYSTEMS DIVISION
Ohio

Interviewing: A.E., C.Sc., E.E., M.E., Physics, Business Majors

Requirements: 2.5 GPA or above, American Citizenship required. Academic level of applicants: at least 30 number of credit hours completed at the end of the present semester.

Sign-up date: Tues., Oct. 24, 1989

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.

ATR WIRE AND CABLE
Danville, Kentucky

Interviewing: Chem., C.Sc., Met., Mgmt.

Requirements: 2.85 GPA or above, American Citizenship required, Academic level of applicants: at least 65 hours completed at the end of the present semester.

Sign-up date: Wed., Oct. 25, 1989.

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.

SPECIAL NOTICE - PRESCREENING

SIGN-UP FOR DAMES & MOORE CO-OP INTERVIEWS

TURN IN RESUMES: Tues., Oct. 10, 1989

WHERE: Co-op Office, 101 Buehler Bldg.

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

INTERVIEWING: Ch.E., Chem., C.E., Geology, Geo.E., Pet.E.

REQUIREMENTS: 2.0 GPA or above, Academic level of applicants: at least 30 credit hours completed at the end of the present semester.

THE ACTUAL INTERVIEW DATE WILL BE MONDAY, OCTOBER 23, 1989.

Dames & Moore, St. Louis, Missouri has requested that we furnish them with resumes for pre-screening. We will accept as many Co-op resumes as we can collect. Just drop off a copy of your Co-op resume on the above sign-up date. After pre-screening, Dames & Moore 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 Thurs., Oct. 19. Check with the Co-op Office no later than Oct. 19.

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11322 Idaho Ave. #206-SN, Los Angeles, CA 90025
Custom research also available—all levels

CO-OP INTERVIEW INFORMATION SHEET

Company and Location: IBM, Nationwide

Information Day: Co-ops should attend the November 7th IBM Information Day. This event runs from 12:00 noon till 5:00pm and will be held in the University Center East - Centennial Room East.

Interviews: Co-op interviews will be set up during the IBM Information Day. They will held on November 8th and start at 8:00am in the above location. These two events will be for both graduating students and co-ops.

Interview Length: 30 minutes

Academic Level: At least 29 credit hours completed

Starting Work Dates: Spring 90, Summer 90

Citizenship: IBM will consider Citizens, Permanent Residents and "Intending Citizens" as defined by the 1986 Immigration Reform and Control Act.

G.P.A.: 2.0/4.0 (Competitive Screening during Information Day)

Disciplines Needed:

Ceramics	Computer Science
Chemical Eng.	Chemistry
Electrical Eng.	Industrial Eng.
Mechanical Eng.	Metallurgical Eng.

Contact: Dario J. DeMaria
National College Recruiting Representative
07/864
One IBM Plaza
Chicago, IL 60611

Note: All students must have a resume and transcript on file at the Co-op Office before you will be considered for Co-op employment.

You must submit (4) copies of your co-op resume form to IBM on the informal information and sign-up day, November 7.

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 periodically 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.

IBM CORPORATION
Charlotte, North Carolina
Interview date: Tues., Oct. 10, 1989

JOHNSON CONTROLS
St. Louis, Missouri

Interviewing: M.E., E.E.

Requirements: 3.0 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: Tues., Sept. 26, 1989

One schedule - 12 interview openings

DELTA ENVIRONMENTAL CONSULTANTS, INC.
Charlotte, North Carolina

Interviewing: Ch.E. with environmental emphasis, and C.E. with environmental emphasis

Requirements: 2.9 GPA or above, American Citizenship not required. Academic level of applicants: at least 60 hours completed at the end of the present semester.

Sign-up date: Thurs., Oct. 26, 1989

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.

IBM CORPORATION
Charlotte, North Carolina

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

Requirements: 3.0 GPA or above, Permanent Resident Status ok, No student Visas. Academic level of applicants: at least 30 credit hours completed at the end of the present semester.

Sign-up date: Thurs., Oct. 26, 1989

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.

Summer Employment

UNIVERSITY OF MISSOURI-ROLLA
PLACEMENT OFFICE
Buehler Bldg., 9th & Rolla St.

SUMMER EMPLOYMENT

WEEK OF OCTOBER 23-27, 1989
FALL WEEKLY DETAIL LIST #3

SIGNUP LOCATION: G-3 Buehler Bldg.
SIGNUP HOURS: 7:45 to 11:30 a.m.
1:00 to 4:15 p.m.

ROGERS GROUP, INC.
P.O. Box 25250
Nashville, TN 37202
attn: Mr. Kye Hudson

RESUMES WILL BE ACCEPTED FROM THE FOLLOWING:
Juniors in Civil, Mining or Geological Engineering

RESUME DEADLINE: Monday, Sept. 25, 1989
INTERVIEW DATE: October 23, 1989

Note: Possibility of summer interviews if permanent schedule does not fill.

AMOCO PRODUCTION COMPANY
501 Westlake Park Blvd.
P.O. Box 3092
Houston, TX 77253
attn: Ms. Elaine Cyphers

NUMBER OF SCHEDULES: 2 (Oct. 25)
MAJORS: Sophomore or Junior level
ME, ChE, PE, Geol. E, EE
POSITION: Field Technician and Production Technologist - both of which are Engineer Trainee Opportunities
LOCATION: Houston, TX
G.P.A. REQUIRED: 2.5
SHOULD BE LEGALLY AUTHORIZED TO BE EMPLOYED IN THE U.S. AS SET FORTH IN THE IMMIGRATION REFORM & CONTROL ACT OF 1986.

DEADLINE FOR TURNING IN RESUMES: Tuesday, Sept. 26, 1989
INTERVIEW DATE: October 25, 1989

CONOCO, INC./EXPLORATION & PRODUCTION-NORTH AMERICA
600 N. Dairy Ashford, MA 1105
Houston, TX 77079
attn: Mr. W.J. DeGraeve

NUMBER OF SCHEDULES: 1
MAJORS: Sophomore or Junior level PE
POSITION: Office & field positions
(Details will be posted at time of interview signups.)
LOCATION: Continental U.S.
MUST HAVE AUTHORIZATION TO WORK IN U.S.

INTERVIEW SIGNUP DATE: Tuesday, Oct. 10, 1989
INTERVIEW DATE: October 24, 1989

EXXON, INC.
P.O. Box 2283
Houston, TX 77251-2283
attn: Ms. Patsy Shockley

EXXON WILL ACCEPT RESUMES FROM THE FOLLOWING:
Juniors or above in ChE, PE, ME, Geol. Eng., Mining Engineering

DEADLINE FOR TURNING IN RESUMES: Tuesday, Sept. 26, 1989
INTERVIEW DATES: October 24, 25, 1989

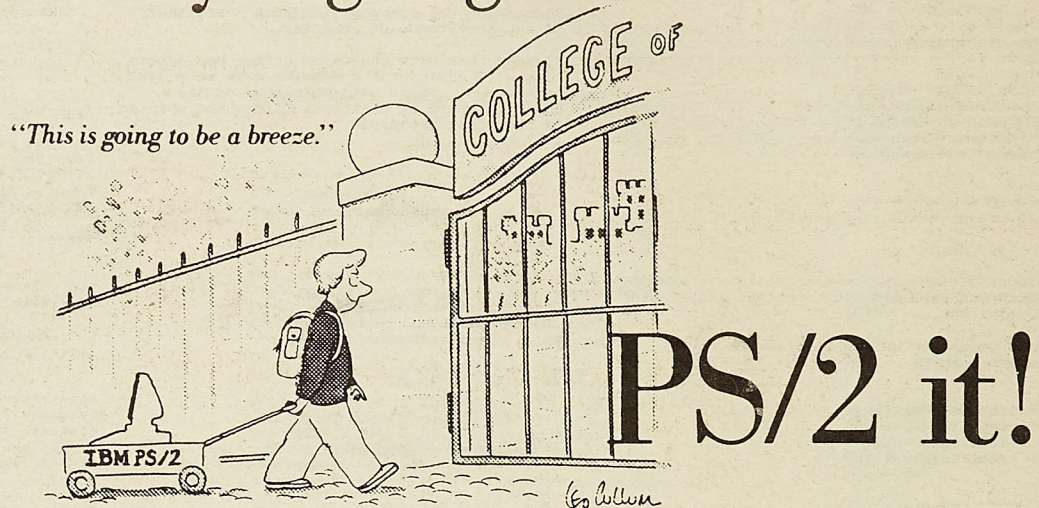
Note: You will be notified by Exxon if you are selected for an interview. Lists of names will be posted in signup area and on appropriate department bulletin boards.

KENNECOTT
P. O. Box 11248
Salt Lake City, UT 84147
attn: Ms. Roberta Owen

KENNECOTT WILL ACCEPT RESUMES FROM MET ENG. OR MINING ENG. FOR SUMMER EMPLOYMENT.

DEADLINE FOR TURNING IN RESUMES: Tuesday, Sept. 26, 1989
INTERVIEW DATE: October 24, 1989

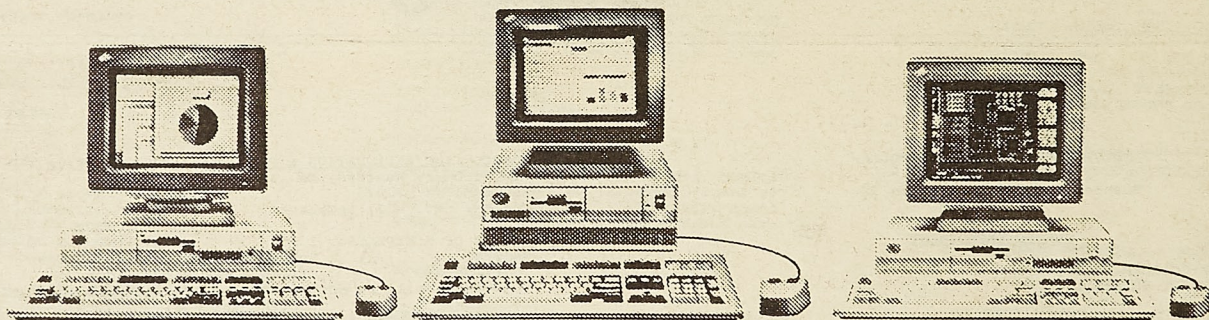
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